



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME APR 2020	VOLUME APR 2019	% CHG	VOLUME MAR 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Ag Products Futures									
COCOA TAS	CJ	0	0	0.0%	0	0.0%	0	0	0.0%
COFFEE	KT	0	0	-	0	0.0%	0	0	-
COTTON	TT	2	0	0.0%	6	-66.7%	15	3	400.0%
SUGAR 11	YO	0	0	0.0%	0	0.0%	0	0	0.0%
Energy Futures									
CRUDE OIL PHY	CL	39,351,259	27,628,611	42.4%	40,910,260	-3.8%	134,471,104	100,116,292	34.3%
CRUDE OIL	WS	2,750	1,064	158.5%	0	0.0%	2,762	16,694	-83.5%
MINY WTI CRUDE OIL	QM	1,704,550	299,535	469.1%	1,393,401	22.3%	4,194,769	1,555,151	169.7%
BRENT OIL LAST DAY	BZ	3,106,434	2,395,374	29.7%	3,780,869	-17.8%	12,779,711	7,451,647	71.5%
HEATING OIL PHY	HO	3,880,605	2,998,959	29.4%	5,101,486	-23.9%	18,843,695	12,852,627	46.6%
HTG OIL	BH	48	48	0.0%	0	0.0%	48	48	0.0%
MINY HTG OIL	QH	3	4	-25.0%	5	-40.0%	20	14	42.9%
RBOB PHY	RB	3,936,028	5,243,864	-24.9%	5,625,763	-30.0%	18,979,955	17,881,375	6.1%
MINY RBOB GAS	QU	6	3	100.0%	10	-40.0%	28	24	16.7%
NATURAL GAS	HP	189,255	106,111	78.4%	186,739	1.3%	664,101	442,590	50.0%
LTD NAT GAS	HH	269,427	290,539	-7.3%	239,745	12.4%	1,003,052	1,303,727	-23.1%
MINY NATURAL GAS	QG	129,670	20,761	524.6%	68,741	88.6%	287,515	106,089	171.0%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	11,076,825	6,944,001	59.5%	12,118,151	-8.6%	46,625,074	29,517,776	58.0%
RBOB GAS	RT	60	60	0.0%	0	0.0%	60	60	0.0%
3.5% FUEL OIL CID MED SWA	7D	0	5	-100.0%	0	0.0%	20	10	100.0%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0.0%	0	20	-100.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	-	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	-	0	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	-	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	7,576	12,251	-38.2%	9,528	-20.5%	28,985	59,776	-51.5%
ARGUS PROPAN FAR EST INDE	7E	5,428	6,738	-19.4%	7,077	-23.3%	23,485	26,200	-10.4%
ARGUS PROPAN(SAUDI ARAMCO	9N	3,002	3,516	-14.6%	2,735	9.8%	11,144	12,518	-11.0%
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	-	0	0	0.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
BRENT BALMO SWAP	J9	0	365	-100.0%	740	-100.0%	1,080	713	51.5%
BRENT CALENDAR SWAP	CY	11,748	2,138	449.5%	18,294	-35.8%	47,000	12,399	279.1%
BRENT CFD SWAP	6W	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	BB	0	3,500	-100.0%	0	0.0%	0	7,000	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	50	-100.0%	185	60	208.3%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	-	0	0	0.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	-	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	72,734	110,149	-34.0%	133,248	-45.4%	365,678	434,873	-15.9%
CHICAGO ULSD PL VS HO SPR	5C	1,115	250	346.0%	2,187	-49.0%	5,122	2,081	146.1%
CHICAGO UNL GAS PL VS RBO	3C	0	160	-100.0%	145	-100.0%	310	675	-54.1%
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	0.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0.0%	1,128	2,216	-49.1%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0.0%	0	3,920	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0.0%	0	325	-100.0%
COAL SWAP	ACM	0	0	0.0%	0	0.0%	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	364	-100.0%	0	0.0%	0	364	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	69	140	-50.7%	575	-88.0%	1,617	984	64.3%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	180	310	-41.9%	50	260.0%	763	823	-7.3%
CONWAY PROPANE 5 DECIMALS SWAP	8K	23,040	14,421	59.8%	23,146	-0.5%	77,458	56,795	36.4%
CRUDE OIL	LPS	1,320	3,250	-59.4%	0	0.0%	3,270	12,325	-73.5%
CRUDE OIL OUTRIGHTS	42	5,799	522	1,010.9%	1,297	347.1%	7,864	2,104	273.8%
CRUDE OIL OUTRIGHTS	CC5	510	540	-5.6%	600	-15.0%	2,385	1,350	76.7%
CRUDE OIL OUTRIGHTS	CPD	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	CSW	90	180	-50.0%	0	0.0%	90	2,030	-95.6%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	205	-100.0%	280	0	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	0	276	-100.0%
CRUDE OIL OUTRIGHTS	HTT	102,523	69,606	47.3%	185,700	-44.8%	419,666	238,559	75.9%
CRUDE OIL OUTRIGHTS	LSW	475	773	-38.6%	1,445	-67.1%	3,420	2,838	20.5%
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	-	0	0	0.0%

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CRUDE OIL OUTRIGHTS	UMD	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	UNS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCW	1,940	2,975	-34.8%	2,940	-34.0%	12,010	24,027	-50.0%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	829	22,576	-96.3%	7,535	-89.0%	32,307	92,122	-64.9%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	ANT	570	0	-	280	103.6%	850	0	-
CRUDE OIL SPRDS	HIL	1,000	0	-	0	0.0%	1,150	0	-
CRUDE OIL SPRDS	WTT	30,599	27,137	12.8%	52,056	-41.2%	138,468	83,848	65.1%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PAP	0	0	0.0%	0	0.0%	0	0	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	-	640	-100.0%	640	0	-
DATED TO FRONTLINE BRENT	FY	244	300	-18.7%	0	0.0%	244	900	-72.9%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	-	0	0	0.0%
DOMINION TRAN INC - APP I	IH	0	0	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%	300	-100.0%	300	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	3,970	470	744.7%	6,680	-40.6%	10,650	15,768	-32.5%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	37,794	3,888	872.1%	52,099	-27.5%	146,585	31,216	369.6%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	-	0	0	0.0%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	804	39	1,961.5%	776	3.6%	4,225	1,067	296.0%
ELEC ERCOT DLY OFF PK	I4	0	0	0.0%	0	-	0	0	0.0%



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Energy Futures									
ELEC ERCOT DLY PEAK	I3	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT OFF PEAK	I2	0	0	0.0%	0	-	0	0	0.0%
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	0.0%
ELEC MISO PEAK	55	0	0	0.0%	0	-	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	58	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%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	MTH	0	30	-100.0%	0	0.0%	30	40	-25.0%
ETHANOL	Z1B	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	MT2	160	155	3.2%	40	300.0%	503	365	37.8%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,979	3,129	-4.8%	10,508	-71.7%	22,872	16,563	38.1%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	28	-100.0%	0	0.0%	35	173	-79.8%
EURO 3.5% FUEL OIL SPREAD	FK	0	40	-100.0%	5	-100.0%	22	85	-74.1%
EURO-DENOMINATED PETRO PROD	NCP	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0.0%	75	0	0.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	9	-100.0%	0	0.0%	0	103	-100.0%
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	13	-100.0%	0	0.0%	37	286	-87.1%
EUROPE 3.5% FUEL OIL RDAM	UV	186	1,198	-84.5%	597	-68.8%	1,581	5,530	-71.4%
EUROPEAN GASOIL (ICE)	7F	45	0	0.0%	63	-28.6%	303	428	-29.2%
EUROPEAN NAPHTHA BALMO	KZ	7	128	-94.5%	0	0.0%	17	885	-98.1%
EUROPEAN NAPHTHA CRACK SPR	EN	1,059	4,807	-78.0%	3,529	-70.0%	8,247	21,914	-62.4%
EUROPE DATED BRENT SWAP	UB	0	50	-100.0%	0	0.0%	0	798	-100.0%
EUROPE JET KERO NWE CALSW	UJ	0	5	-100.0%	0	0.0%	0	5	-100.0%
EUROPE NAPHTHA CALSWAP	UN	539	2,548	-78.8%	714	-24.5%	2,715	9,821	-72.4%
EURO PROPANE CIF ARA SWA	PS	1,665	2,207	-24.6%	2,581	-35.5%	8,820	8,528	3.4%
FREIGHT MARKETS	ACB	0	0	-	735	-100.0%	735	0	-
FREIGHT MARKETS	BF1	0	0	-	0	0.0%	15	0	-

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FREIGHT MARKETS	BF2	258	0	-	105	145.7%	438	0	-
FREIGHT MARKETS	BF3	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	FLP	755	55	1,272.7%	111	580.2%	1,014	485	109.1%
FREIGHT MARKETS	FRC	0	80	-100.0%	0	0.0%	40	450	-91.1%
FREIGHT MARKETS	FRS	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	T2D	0	335	-100.0%	165	-100.0%	480	2,210	-78.3%
FREIGHT MARKETS	TC6	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TD3	0	0	0.0%	0	0.0%	0	70	-100.0%
FREIGHT MARKETS	TD8	0	0	0.0%	0	0.0%	0	60	-100.0%
FREIGHT MARKETS	USC	0	0	-	0	0.0%	90	0	-
FUEL OIL CRACK VS ICE	FO	330	1,950	-83.1%	452	-27.0%	1,805	5,880	-69.3%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	0	15	-100.0%
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	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	7	85	-91.8%	6	16.7%	51	814	-93.7%
GAS EURO-BOB OXY NWE BARGES	7H	1,515	7,018	-78.4%	3,481	-56.5%	9,397	30,787	-69.5%
GAS EURO-BOB OXY NWE BARGES CRK	7K	10,007	10,602	-5.6%	6,690	49.6%	32,715	41,669	-21.5%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	5	-100.0%	0	0.0%	0	5	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	0	15	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	25	49	-49.0%	5	400.0%	55	73	-24.7%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	0	24	-100.0%
GASOIL CALENDAR SWAP	GX	36	0	0.0%	123	-70.7%	201	54	272.2%
GASOIL CRACK SPREAD CALEN	GZ	36	0	0.0%	0	0.0%	11,207	462	2,325.8%
GASOIL MINI CALENDAR SWAP	QA	525	248	111.7%	1,168	-55.1%	2,981	840	254.9%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	498	2,502	-80.1%	299	66.6%	8,890	8,439	5.3%
GROUP THREE ULSD (PLATTS)	A7	0	0	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	6,026	1,715	251.4%	4,634	30.0%	18,402	10,355	77.7%
GRP THREE UNL GS (PLT) VS	A8	3,055	3,809	-19.8%	4,485	-31.9%	14,328	14,438	-0.8%
GULF COAST 3% FUEL OIL BA	VZ	272	685	-60.3%	180	51.1%	2,104	3,355	-37.3%
GULF COAST JET FUEL CLNDR	GE	450	0	0.0%	225	100.0%	906	267	239.3%
GULF COAST JET VS NYM 2 H	ME	19,282	19,945	-3.3%	30,874	-37.5%	91,263	75,791	20.4%
GULF COAST NO.6 FUEL OIL	MF	11,154	24,315	-54.1%	28,855	-61.3%	76,307	104,320	-26.9%
GULF COAST NO.6 FUEL OIL	MG	0	110	-100.0%	0	0.0%	482	1,028	-53.1%
GULF COAST ULSD CALENDAR	LY	2,070	164	1,162.2%	836	147.6%	4,599	1,277	260.1%

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GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	240	-100.0%	1,065	0	0.0%
HEATING OIL BALMO CLNDR S	1G	537	35	1,434.3%	500	7.4%	1,112	45	2,371.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	0.0%	0	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	4,588	-100.0%	4,280	-100.0%	4,280	4,588	-6.7%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB FINANCIAL LAST	TTE	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB INDEX SWAP FUTU	IN	0	4,588	-100.0%	4,280	-100.0%	5,992	4,588	30.6%
HENRY HUB SWAP	NN	77,963	116,924	-33.3%	74,623	4.5%	325,841	496,242	-34.3%
HOUSTON SHIP CHANNEL BASI	NH	0	736	-100.0%	0	0.0%	0	736	-100.0%
ICE BRENT DUBAI SWAP	DB	4,938	4,325	14.2%	10,798	-54.3%	25,145	19,450	29.3%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	FAD	0	0	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	255	172	48.3%	341	-25.2%	787	1,605	-51.0%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	-	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	-	0	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	169	-100.0%	150	-100.0%	150	169	-11.2%
JAPAN C&F NAPHTHA SWAP	JA	154	1,621	-90.5%	191	-19.4%	789	5,973	-86.8%
JAPAN NAPHTHA BALMO SWAP	E6	0	5	-100.0%	0	0.0%	28	276	-89.9%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0.0%	0	70	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	0.0%	0	0	-
JET FUEL UP-DOWN BALMO CL	1M	2,053	4,830	-57.5%	2,152	-4.6%	9,435	14,479	-34.8%
JKM LNG Futures	JKM	0	792	-100.0%	5	-100.0%	2,380	6,096	-61.0%
LA CARB DIESEL (OPIS) SWA	KL	745	0	0.0%	825	-9.7%	2,175	285	663.2%
LA CARBOB GASOLINE(OPIS)S	JL	175	100	75.0%	75	133.3%	550	1,675	-67.2%
LA JET (OPIS) SWAP	JS	520	1,720	-69.8%	650	-20.0%	3,615	5,495	-34.2%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	4,845	4,681	3.5%	165	2,836.4%	6,405	13,869	-53.8%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI SWAP	YX	0	560	-100.0%	0	0.0%	2,480	7,965	-68.9%
MARS (ARGUS) VS WTI TRD M	YV	12,053	21,792	-44.7%	26,509	-54.5%	65,304	86,135	-24.2%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	-	0	0	0.0%



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Commodity		VOLUME APR 2020	VOLUME APR 2019	% CHG	VOIUME MAR 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
MCCLOSKEY ARA ARGS COAL	MTF	24,124	26,045	-7.4%	24,218	-0.4%	104,785	111,190	-5.8%
MCCLOSKEY RCH BAY COAL	MFF	1,226	2,327	-47.3%	1,356	-9.6%	5,857	10,771	-45.6%
MGF FUT	MGF	0	0	0.0%	0	0.0%	0	0	0.0%
MGN1 SWAP FUT	MGN	30	0	0.0%	70	-57.1%	240	170	41.2%
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	0.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	9	67	-86.6%	45	-80.0%	86	703	-87.8%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	170	1,174	-85.5%	350	-51.4%	840	2,770	-69.7%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	501	2,703	-81.5%	615	-18.5%	3,115	8,392	-62.9%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	110	-100.0%
MNC FUT	MNC	1,456	4,109	-64.6%	2,607	-44.2%	7,477	17,360	-56.9%
MONT BELVIEU ETHANE 5 DECIMAL	C0	16,968	14,964	13.4%	19,459	-12.8%	69,712	55,792	24.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	153	149	2.7%	90	70.0%	358	744	-51.9%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	215,405	172,739	24.7%	224,374	-4.0%	800,994	560,480	42.9%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	3,470	1,126	208.2%	2,691	28.9%	13,087	12,900	1.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	49,840	8,227	505.8%	65,420	-23.8%	165,529	32,630	407.3%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,124	310	262.6%	1,032	8.9%	3,499	2,519	38.9%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	80,818	44,583	81.3%	90,083	-10.3%	309,210	149,775	106.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	2,518	1,247	101.9%	1,522	65.4%	6,360	5,781	10.0%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	XIC	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	83,316	31,025	168.5%	71,645	16.3%	225,879	110,877	103.7%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	-	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	-	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	13,992	16,560	-15.5%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	768	0	0.0%
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%
NEPOOL RHD ISLD 5MW D AH	U4	0	0	0.0%	0	-	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	-	0	0	0.0%
NEPOOL W CNT MASS 5MW D A	L9	0	0	0.0%	0	-	0	0	0.0%
NEPOOL W CNTR M 5MW D AH	R6	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	555	305	82.0%	810	-31.5%	3,178	2,592	22.6%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%

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Commodity		VOLUME APR 2020	VOLUME APR 2019	% CHG	VOLUME MAR 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
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	1,240	-100.0%
NGPL TEX/OK	PD	0	2,576	-100.0%	0	0.0%	0	2,576	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	-	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	0.0%	0	0.0%	225	575	-60.9%
NORTHEN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VENTU	PF	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	0.0%	0	3,106	-100.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	670	150	346.7%	687	-2.5%	2,038	1,765	15.5%
NY 3.0% FUEL OIL (PLATTS	H1	0	75	-100.0%	0	0.0%	0	525	-100.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	2,825	490	476.5%	8,390	-66.3%	19,926	6,178	222.5%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	75	-100.0%	0	0.0%	0	390	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	1,072	1,083	-1.0%	1,784	-39.9%	5,700	3,959	44.0%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	1,135	480	136.5%	2,400	-52.7%	6,011	1,345	346.9%
NYISO CAPACITY	LHV	0	0	0.0%	0	0.0%	0	240	-100.0%
NYISO CAPACITY	NNC	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0.0%	0	60	-100.0%
NYISO J	KJ	0	0	0.0%	0	-	0	0	0.0%
NYISO J OFF-PEAK	KK	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	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	8,160	-100.0%	0	0.0%	0	13,680	-100.0%
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%
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	200	0	0.0%	0	0.0%	500	1,450	-65.5%
NY ULSD (ARGUS) VS HEATING OIL	7Y	750	750	0.0%	1,485	-49.5%	2,722	1,167	133.2%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OPM	0	0	-	0	0.0%	0	0	-

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Commodity		VOLUME APR 2020	VOLUME APR 2019	% CHG	VOLUME MAR 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	XH	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	162	179	-9.5%	154	5.2%	643	707	-9.1%
PETROCHEMICALS	32	123	73	68.5%	82	50.0%	386	470	-17.9%
PETROCHEMICALS	3NA	0	16	-100.0%	3	-100.0%	6	33	-81.8%
PETROCHEMICALS	51	0	5	-100.0%	0	0.0%	5	5	0.0%
PETROCHEMICALS	81	0	0	-	0	0.0%	60	0	-
PETROCHEMICALS	8I	652	932	-30.0%	406	60.6%	2,948	2,713	8.7%
PETROCHEMICALS	91	263	295	-10.8%	535	-50.8%	1,643	1,885	-12.8%
PETROCHEMICALS	MAA	160	50	220.0%	15	966.7%	175	80	118.8%
PETROCHEMICALS	MAE	945	150	530.0%	515	83.5%	2,652	824	221.8%
PETROCHEMICALS	MAS	382	80	377.5%	575	-33.6%	1,498	575	160.5%
PETROCHEMICALS	MBE	30	335	-91.0%	250	-88.0%	770	1,115	-30.9%
PETROCHEMICALS	MNB	72	1,181	-93.9%	121	-40.5%	462	4,177	-88.9%
PETROCHEMICALS	MPS	678	95	613.7%	183	270.5%	1,195	625	91.2%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STI	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	102	-100.0%	0	0.0%	150	130	15.4%
PETRO CRCKS & SPRDS NA	CRB	24,545	10,075	143.6%	21,705	13.1%	68,200	28,815	136.7%
PETRO CRCKS & SPRDS NA	EXR	733	3,240	-77.4%	2,175	-66.3%	7,158	13,222	-45.9%
PETRO CRCKS & SPRDS NA	FOC	0	50	-100.0%	0	0.0%	0	1,420	-100.0%
PETRO CRCKS & SPRDS NA	GBB	1,365	220	520.5%	200	582.5%	2,040	3,020	-32.5%
PETRO CRCKS & SPRDS NA	GCC	195	0	0.0%	210	-7.1%	405	0	0.0%
PETRO CRCKS & SPRDS NA	GCI	55	2,427	-97.7%	1,459	-96.2%	4,671	5,913	-21.0%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	1,015	2,253	-54.9%	2,781	-63.5%	12,948	14,537	-10.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS NA	HOB	252	3,480	-92.8%	2,400	-89.5%	7,553	4,440	70.1%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	2,324	10,220	-77.3%	7,511	-69.1%	20,674	40,323	-48.7%
PETRO CRCKS & SPRDS NA	RVG	5,280	15,655	-66.3%	14,022	-62.3%	36,992	62,053	-40.4%
PETRO CRCKS & SPRDS NA	SF3	0	130	-100.0%	0	0.0%	10	481	-97.9%

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Energy Futures									
PETRO CRK&SPRD EURO	1NB	250	2,027	-87.7%	450	-44.4%	3,085	7,564	-59.2%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	43	0	75	-100.0%	0	0.0%	0	75	-100.0%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO CRK&SPRD EURO	BOB	40	526	-92.4%	57	-29.8%	266	2,179	-87.8%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	10	15	-33.3%
PETRO CRK&SPRD EURO	EPN	349	615	-43.3%	693	-49.6%	2,155	2,492	-13.5%
PETRO CRK&SPRD EURO	EVC	50	303	-83.5%	0	0.0%	203	1,916	-89.4%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0.0%	0	60	-100.0%
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	282	-100.0%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	30	-100.0%	0	0.0%	0	90	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	40	-100.0%	100	10	900.0%
PETRO CRK&SPRD EURO	NBB	0	21	-100.0%	0	0.0%	5	58	-91.4%
PETRO CRK&SPRD EURO	NOB	76	462	-83.5%	133	-42.9%	353	2,399	-85.3%
PETRO CRK&SPRD EURO	SFB	0	21	-100.0%	0	0.0%	0	51	-100.0%
PETROLEUM PRODUCTS	1NM	94	123	-23.6%	145	-35.2%	634	193	228.5%
PETROLEUM PRODUCTS	EWG	375	3,292	-88.6%	150	150.0%	4,045	13,161	-69.3%
PETROLEUM PRODUCTS	H5F	50	0	-	2,412	-97.9%	3,013	0	-
PETROLEUM PRODUCTS	JCC	460	0	-	225	104.4%	1,085	0	-
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	100	0	0.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	NCC	0	0	-	0	0.0%	0	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	0.0%	2	0	-
PETROLEUM PRODUCTS	R5F	4	0	-	16	-75.0%	43	0	-
PETROLEUM PRODUCTS	S53	0	0	-	0	0.0%	29	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	0.0%	0	0	-
PETROLEUM PRODUCTS	VU	360	0	0.0%	187	92.5%	720	135	433.3%
PETROLEUM PRODUCTS ASIA	E6M	45	0	0.0%	0	0.0%	75	50	50.0%
PETROLEUM PRODUCTS ASIA	MJN	423	1,392	-69.6%	505	-16.2%	2,070	6,560	-68.4%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	0.0%	0	0	-
PETRO OUTRIGHT EURO	0B	2	20	-90.0%	82	-97.6%	100	20	400.0%
PETRO OUTRIGHT EURO	0C	0	10	-100.0%	0	0.0%	0	15	-100.0%
PETRO OUTRIGHT EURO	0D	272	1,645	-83.5%	204	33.3%	1,486	4,988	-70.2%
PETRO OUTRIGHT EURO	0E	0	20	-100.0%	0	0.0%	0	51	-100.0%

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Energy Futures									
PETRO OUTRIGHT EURO	0F	80	450	-82.2%	0	0.0%	493	1,678	-70.6%
PETRO OUTRIGHT EURO	1T	0	5	-100.0%	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	5L	40	10	300.0%	0	0.0%	64	133	-51.9%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	7I	0	42	-100.0%	0	0.0%	45	394	-88.6%
PETRO OUTRIGHT EURO	7R	5	114	-95.6%	21	-76.2%	65	931	-93.0%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0.0%	65	0	0.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	7	-100.0%	7	20	-65.0%
PETRO OUTRIGHT EURO	CPB	438	67	553.7%	100	338.0%	954	1,292	-26.2%
PETRO OUTRIGHT EURO	EFF	0	5	-100.0%	0	0.0%	10	110	-90.9%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0.0%	0	22	-100.0%
PETRO OUTRIGHT EURO	ENS	0	45	-100.0%	0	0.0%	0	55	-100.0%
PETRO OUTRIGHT EURO	EWN	10	373	-97.3%	115	-91.3%	178	2,870	-93.8%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	GES	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	GNO	0	0	-	0	0.0%	10	0	-
PETRO OUTRIGHT EURO	H5G	0	0	-	0	0.0%	270	0	-
PETRO OUTRIGHT EURO	M1B	36	0	-	133	-72.9%	1,774	0	-
PETRO OUTRIGHT EURO	M35	0	0	-	0	0.0%	0	0	-
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	MBN	387	420	-7.9%	495	-21.8%	1,381	1,276	8.2%
PETRO OUTRIGHT EURO	MEF	140	453	-69.1%	210	-33.3%	361	1,423	-74.6%
PETRO OUTRIGHT EURO	R53	0	0	0.0%	18	-100.0%	157	12	1,208.3%
PETRO OUTRIGHT EURO	R5B	0	0	-	10	-100.0%	10	0	-
PETRO OUTRIGHT EURO	R5M	449	4	11,125.0%	434	3.5%	1,819	4	45,375.0%
PETRO OUTRIGHT EURO	R5O	620	85	629.4%	614	1.0%	2,115	115	1,739.1%
PETRO OUTRIGHT EURO	RBM	18	0	-	11	63.6%	39	0	-
PETRO OUTRIGHT EURO	S5F	190	0	-	90	111.1%	427	0	-
PETRO OUTRIGHT EURO	S5M	1,606	0	0.0%	2,042	-21.4%	6,073	52	11,578.8%
PETRO OUTRIGHT EURO	S5O	843	0	-	575	46.6%	2,116	0	-
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	125	-100.0%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	T2B	0	0	0.0%	0	0.0%	0	15	-100.0%
PETRO OUTRIGHT EURO	TMB	0	0	-	0	0.0%	0	0	-



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Commodity		VOLUME APR 2020	VOLUME APR 2019	% CHG	VOLUME MAR 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
PETRO OUTRIGHT EURO	ULB	0	0	-	0	0.0%	15	0	-
PETRO OUTRIGHT EURO	UNB	0	0	-	0	0.0%	300	0	-
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	AB6	50	0	-	0	-	50	0	-
PETRO OUTRIGHT NA	BCR	175	0	-	0	-	175	0	-
PETRO OUTRIGHT NA	DBB	0	0	-	75	-100.0%	75	0	-
PETRO OUTRIGHT NA	FCB	0	132	-100.0%	0	0.0%	0	132	-100.0%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	H5B	225	0	-	1,229	-81.7%	1,584	0	-
PETRO OUTRIGHT NA	JE	240	0	0.0%	480	-50.0%	720	0	0.0%
PETRO OUTRIGHT NA	JET	350	2,100	-83.3%	675	-48.1%	2,900	8,575	-66.2%
PETRO OUTRIGHT NA	JTB	100	550	-81.8%	25	300.0%	1,615	2,675	-39.6%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0.0%	11	0	0.0%
PETRO OUTRIGHT NA	MEN	108	185	-41.6%	90	20.0%	393	857	-54.1%
PETRO OUTRIGHT NA	MEO	1,457	2,682	-45.7%	1,622	-10.2%	5,528	11,254	-50.9%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	26	-100.0%	38	0	0.0%
PETRO OUTRIGHT NA	MMF	0	134	-100.0%	0	0.0%	70	360	-80.6%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	-	0	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	0	70,120	-100.0%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0.0%	0	1,275	-100.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	-	0	0	0.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	-	0	0	0.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	E3	0	0	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	0.0%
PJM COMED 5MW D AH PK	D8	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	0.0%
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	0.0%
PJM NILL DA PEAK	N3	0	0	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	0.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	0.0%	0	0	0.0%

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Commodity		VOLUME APR 2020	VOLUME APR 2019	% CHG	VOLUME MAR 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
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	23,400	-100.0%
PJM WESTH RT PEAK	L1	0	4,296	-100.0%	0	0.0%	8,902	19,979	-55.4%
PLASTICS	PGP	908	460	97.4%	1,528	-40.6%	3,924	3,365	16.6%
PREMIUM UNLD 10P FOB MED	3G	0	118	-100.0%	84	-100.0%	158	660	-76.1%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0.0%	0	18	-100.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	0	20	-100.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	0	0.0%	0	30	-100.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,760	1,124	56.6%	1,588	10.8%	8,397	8,174	2.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	22,876	18,001	27.1%	17,666	29.5%	92,900	72,519	28.1%
RBOB CALENDAR SWAP	RL	7,705	8,994	-14.3%	5,452	41.3%	23,579	24,514	-3.8%
RBOB CRACK SPREAD	RM	975	2,015	-51.6%	2,340	-58.3%	6,715	4,545	47.7%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	0.0%	0	0	-
RBOB GASOLINE BALMO CLNDR	1D	1,241	1,598	-22.3%	710	74.8%	2,521	4,301	-41.4%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	-	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	890	0	0.0%	1,200	-25.8%	2,390	75	3,086.7%
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	0.0%
SINGAPORE 180CST BALMO	BS	0	26	-100.0%	0	0.0%	41	63	-34.9%
SINGAPORE 380CST BALMO	BT	2	83	-97.6%	0	0.0%	39	198	-80.3%
SINGAPORE 380CST FUEL OIL	SE	241	2,582	-90.7%	409	-41.1%	1,466	12,341	-88.1%
SINGAPORE FUEL 180CST CAL	UA	10	486	-97.9%	5	100.0%	134	1,321	-89.9%
SINGAPORE FUEL OIL SPREAD	SD	0	15	-100.0%	0	0.0%	80	245	-67.3%
SINGAPORE GASOIL	MAF	316	1,576	-79.9%	349	-9.5%	1,036	7,141	-85.5%
SINGAPORE GASOIL	MTB	20	46	-56.5%	0	0.0%	62	191	-67.5%
SINGAPORE GASOIL	MTS	327	3,224	-89.9%	589	-44.5%	2,391	14,501	-83.5%
SINGAPORE GASOIL	SBM	22	0	-	20	10.0%	74	0	-
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GDH	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GDL	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	0.0%	0	0.0%	0	0	0.0%

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Commodity		VOLUME APR 2020	VOLUME APR 2019	% CHG	VOLUME MAR 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
SINGAPORE GASOIL CALENDAR	MSG	715	19	3,663.2%	916	-21.9%	4,008	689	481.7%
SINGAPORE GASOIL CALENDAR	SGG	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL SWAP	SG	1,868	1,384	35.0%	832	124.5%	5,777	4,921	17.4%
SINGAPORE GASOIL VS ICE	GA	135	0	0.0%	117	15.4%	252	4,340	-94.2%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	92	-100.0%	345	0	0.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0.0%	0	100	-100.0%
SINGAPORE JET KEROSENE SW	KS	190	940	-79.8%	1,555	-87.8%	4,548	2,585	75.9%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	450	-100.0%	0	0.0%	25	1,375	-98.2%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	1,370	13,922	-90.2%	6,485	-78.9%	17,780	66,400	-73.2%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	-	0	0	0.0%
SING FUEL	MSD	0	0	0.0%	0	0.0%	0	0	0.0%
SOUTH STAR TEX OKLHM KNS	8Z	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	250	-100.0%	0	0.0%	0	980	-100.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	280	-100.0%	25	-100.0%	140	1,520	-90.8%
TCO BASIS SWAP	TC	0	0	0.0%	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	734	3,015	-75.7%	7,359	-90.0%	14,497	14,986	-3.3%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	-	0	0	0.0%
Tetco STX Basis	TX	0	0	0.0%	0	-	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0.0%	0	0	0.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	-	0	0	0.0%
Transco Zone 3 Basis	CZ	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	0.0%
UCM FUT	UCM	0	0	0.0%	0	0.0%	0	20	-100.0%
UK NBP NAT GAS CAL MTH FUT	UKG	179	355	-49.6%	491	-63.5%	1,740	3,129	-44.4%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	4,480	3,400	31.8%	6,960	-35.6%	31,060	23,470	32.3%
UP DOWN GC ULSD VS NMX HO	LT	62,737	20,310	208.9%	67,766	-7.4%	222,656	103,499	115.1%
WAHA BASIS	NW	0	75	-100.0%	0	0.0%	0	500	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	0	264	-100.0%	0	0.0%	0	864	-100.0%
WTI-BRENT CALENDAR SWAP	BK	38,278	61,338	-37.6%	67,849	-43.6%	210,646	140,208	50.2%
WTI CALENDAR	CS	145,984	68,900	111.9%	90,668	61.0%	321,965	191,982	67.7%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	0.0%	300	0	-

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Energy Futures									
WTS (ARGUS) VS WTI SWAP	FF	8,974	1,845	386.4%	7,245	23.9%	33,968	13,053	160.2%
WTS (ARGUS) VS WTI TRD MT	FH	2,930	966	203.3%	1,560	87.8%	7,910	3,978	98.8%
Energy Options									
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	-	0	0	0.0%
BRENT CALENDAR SWAP	BA	0	240	-100.0%	0	0.0%	0	240	-100.0%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	0.0%	0	-	0	0	0.0%
BRENT CRUDE OIL 1 M CSO	9C	25	9,000	-99.7%	3,600	-99.3%	21,825	30,100	-27.5%
BRENT CRUDE OIL 6 M CSO	9L	0	0	0.0%	0	-	0	0	0.0%
BRENT OIL LAST DAY	BE	75,962	57,956	31.1%	38,850	95.5%	148,012	174,799	-15.3%
BRENT OIL LAST DAY	BZO	46,273	95,682	-51.6%	78,679	-41.2%	283,570	371,452	-23.7%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	0	0	0.0%
COAL API2 INDEX	CLA	0	35	-100.0%	0	0.0%	0	85	-100.0%
COAL API2 INDEX	CQA	0	0	0.0%	0	0.0%	0	510	-100.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	-	0	0	0.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	-	0	0	0.0%
COAL SWAP	CPF	0	0	0.0%	0	-	0	0	0.0%
COAL SWAP	RPF	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL	6Y	0	0	0.0%	0	0.0%	0	150	-100.0%
CRUDE OIL 1MO	WA	247,857	318,157	-22.1%	322,743	-23.2%	1,050,500	1,006,461	4.4%
CRUDE OIL APO	AO	52,098	81,180	-35.8%	152,239	-65.8%	301,475	233,600	29.1%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	200	-100.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0.0%	0	960	-100.0%
CRUDE OIL PHY	CD	0	600	-100.0%	250	-100.0%	750	850	-11.8%
CRUDE OIL PHY	LC	33,200	17,379	91.0%	8,120	308.9%	61,503	40,365	52.4%
CRUDE OIL PHY	LO	3,288,317	2,791,009	17.8%	4,506,341	-27.0%	14,283,746	9,382,763	52.2%
CRUDE OIL PHY	LO1	17,396	23,358	-25.5%	53,858	-67.7%	134,071	69,463	93.0%
CRUDE OIL PHY	LO2	19,599	27,270	-28.1%	24,243	-19.2%	74,369	71,687	3.7%
CRUDE OIL PHY	LO3	9,757	10,539	-7.4%	17,988	-45.8%	82,825	27,072	205.9%
CRUDE OIL PHY	LO4	21,897	26,507	-17.4%	12,823	70.8%	125,335	61,485	103.8%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0.0%	38,149	19,576	94.9%
ETHANOL	CE1	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	CE3	0	0	0.0%	0	-	0	0	0.0%
ETHANOL SWAP	CVR	1,645	10,957	-85.0%	4,180	-60.6%	12,134	31,209	-61.1%

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Energy Options									
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	480	780	-38.5%
FREIGHT MARKETS	TDT	0	0	-	0	0.0%	0	0	-
HEATING OIL PHY	LB	0	343	-100.0%	835	-100.0%	2,709	676	300.7%
HEATING OIL PHY	OH	12,209	19,982	-38.9%	18,102	-32.6%	81,423	99,520	-18.2%
HENRY HUB FINANCIAL LAST	E7	9,368	11,931	-21.5%	3,554	163.6%	27,186	29,970	-9.3%
HO 1 MONTH CLNDR OPTIONS	FA	0	1,150	-100.0%	0	0.0%	100	2,150	-95.3%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	0	0	0.0%
LLS CRUDE OIL	YVO	0	0	0.0%	0	-	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	540	0	0.0%	0	0.0%	1,965	130	1,411.5%
MCCLOSKEY RCH BAY COAL	MFO	50	50	0.0%	0	0.0%	200	270	-25.9%
NATURAL GAS 1 M CSO FIN	G4	55,100	12,000	359.2%	31,100	77.2%	364,351	174,500	108.8%
NATURAL GAS 2 M CSO FIN	G2	0	1,250	-100.0%	500	-100.0%	3,750	1,750	114.3%
NATURAL GAS 3 M CSO FIN	G3	33,530	25,500	31.5%	41,300	-18.8%	144,905	30,600	373.5%
NATURAL GAS 5 M CSO FIN	G5	4,000	0	0.0%	3,000	33.3%	10,450	0	0.0%
NATURAL GAS 6 M CSO FIN	G6	0	11,300	-100.0%	45,300	-100.0%	132,400	28,375	366.6%
NATURAL GAS OPT	TFO	0	0	-	3,000	-100.0%	3,000	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	3,820	400	855.0%	3,000	27.3%	14,460	7,700	87.8%
NATURAL GAS PHY	KD	5,728	2,437	135.0%	4,639	23.5%	19,009	8,207	131.6%
NATURAL GAS PHY	LN	2,786,900	1,229,792	126.6%	2,997,940	-7.0%	10,240,667	5,679,043	80.3%
NATURAL GAS PHY	ON	128,085	121,631	5.3%	149,739	-14.5%	645,616	521,339	23.8%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	0.0%	600	0	0.0%
N ROCKIES PIPE SWAP	ZR	0	1,026	-100.0%	0	0.0%	0	1,026	-100.0%
NY HARBOR HEAT OIL SWP	AT	1,042	396	163.1%	2,437	-57.2%	12,696	4,874	160.5%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	4H	62	377	-83.6%	78	-20.5%	205	1,844	-88.9%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	30	0	0.0%
PETROCHEMICALS	4K	0	160	-100.0%	0	0.0%	0	160	-100.0%
PETROCHEMICALS	CPR	0	0	0.0%	126	-100.0%	126	0	0.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0.0%	6	24	-75.0%
PETRO OUTRIGHT NA	DAP	200	0	0.0%	270	-25.9%	955	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	0	40	-100.0%	280	-100.0%	620	160	287.5%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	-	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0.0%	0	836	-100.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0.0%	0	150	-100.0%



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Commodity		VOLUME APR 2020	VOLUME APR 2019	% CHG	VOLUME MAR 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Options									
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0.0%	150	237	-36.7%
RBOB CRACK	RX	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB PHY	OB	11,983	33,287	-64.0%	12,810	-6.5%	43,703	67,054	-34.8%
RBOB PHY	RF	250	0	0.0%	290	-13.8%	543	516	5.2%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	-	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	C15	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U11	0	0	0.0%	0	0.0%	100	250	-60.0%
SHORT TERM	U12	0	0	0.0%	100	-100.0%	200	700	-71.4%
SHORT TERM	U13	0	0	0.0%	100	-100.0%	500	0	0.0%
SHORT TERM	U14	100	0	0.0%	0	0.0%	200	50	300.0%
SHORT TERM	U15	100	25	300.0%	0	0.0%	300	825	-63.6%
SHORT TERM	U22	0	1	-100.0%	0	0.0%	0	1	-100.0%
SHORT TERM	U23	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U24	0	0	0.0%	0	0.0%	50	0	0.0%
SHORT TERM	U25	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	U01	400	0	0.0%	100	300.0%	500	525	-4.8%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0.0%	100	0	0.0%
SHORT TERM NATURAL GAS	U03	300	0	0.0%	150	100.0%	450	0	0.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	50	-100.0%	150	600	-75.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	350	200	75.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	0	50	-100.0%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	400	600	-33.3%
SHORT TERM NATURAL GAS	U08	300	0	0.0%	0	0.0%	300	500	-40.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	100	-100.0%	100	0	0.0%
SHORT TERM NATURAL GAS	U16	100	0	0.0%	0	0.0%	100	100	0.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	100	-100.0%	100	0	0.0%
SHORT TERM NATURAL GAS	U18	0	25	-100.0%	0	0.0%	100	25	300.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	175	0	0.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	100	-100.0%	300	0	0.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	100	50	100.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	250	0	0.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	350	425	-17.6%
SHORT TERM NATURAL GAS	U29	600	0	0.0%	0	0.0%	900	0	0.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

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Commodity		VOLUME APR 2020	VOLUME APR 2019	% CHG	VOLUME MAR 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Options									
SHORT TERM NATURAL GAS	U30	100	0	0.0%	0	0.0%	1,025	0	0.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	150	850	-82.4%
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE JET FUEL CALEND	N2	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	74,955	46,275	62.0%	101,725	-26.3%	376,130	231,780	62.3%
WTI CRUDE OIL 1 M CSO FI	7A	143,680	110,950	29.5%	59,750	140.5%	408,300	261,300	56.3%
Metals Futures									
COMEX GOLD	GC	4,286,508	5,096,346	-15.9%	10,356,444	-58.6%	32,406,511	22,064,221	46.9%
NYMEX HOT ROLLED STEEL	HR	14,865	19,031	-21.9%	30,709	-51.6%	72,912	69,177	5.4%
NYMEX PLATINUM	PL	218,691	398,312	-45.1%	738,101	-70.4%	1,898,621	1,778,379	6.8%
PALLADIUM	PA	23,544	96,677	-75.6%	76,650	-69.3%	376,650	464,342	-18.9%
URANIUM	UX	5	1,000	-99.5%	621	-99.2%	1,835	6,675	-72.5%
COMEX SILVER	SI	1,357,763	1,920,305	-29.3%	2,275,115	-40.3%	8,160,881	6,648,658	22.7%
COMEX E-Mini GOLD	QO	30,108	9,214	226.8%	74,148	-59.4%	167,115	28,746	481.4%
COMEX E-Mini SILVER	QI	4,530	3,970	14.1%	7,274	-37.7%	18,513	10,680	73.3%
COMEX COPPER	HG	1,761,078	2,243,498	-21.5%	2,324,839	-24.2%	8,981,741	8,449,135	6.3%
COMEX MINY COPPER	QC	484	779	-37.9%	525	-7.8%	2,269	2,452	-7.5%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	22	-100.0%
ALUMINUM	AEP	4,684	2,337	100.4%	8,290	-43.5%	22,948	7,865	191.8%
ALUMINUM	ALA	10	0	0.0%	270	-96.3%	710	120	491.7%
ALUMINUM	ALI	1,716	0	0.0%	3,038	-43.5%	10,962	0	0.0%
ALUMINUM	AUP	10,949	6,285	74.2%	10,397	5.3%	43,700	25,209	73.4%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	50	0	0.0%
ALUMINUM	EDP	9,176	1,492	515.0%	10,099	-9.1%	25,650	9,024	184.2%
ALUMINUM	MJP	1,065	540	97.2%	2,150	-50.5%	7,315	2,760	165.0%
COPPER	HGS	5,751	1,196	380.9%	1,863	208.7%	12,102	3,647	231.8%
FERROUS PRODUCTS	BUS	5,078	2,480	104.8%	3,940	28.9%	11,207	5,427	106.5%
GOLD	4GC	1	0	-	0	-	1	0	-
GOLD	SGC	1,496	0	-	3,587	-58.3%	9,919	0	-
GOLD	SGU	1,264	0	-	9,760	-87.0%	33,771	0	-
Gold Kilo	GCK	0	0	0.0%	0	-	0	0	0.0%
HOT ROLLED COIL STEEL FUTURES	EHR	525	0	-	50	950.0%	575	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	0.0%	0	0	0.0%



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Metals Futures									
IRON ORE 62 CHINA TSI FUTURES	TIO	1,583	4,431	-64.3%	5,134	-69.2%	11,525	29,355	-60.7%
LNDN ZINC	ZNC	0	117	-100.0%	0	0.0%	0	1,086	-100.0%
MICRO GOLD	MGC	1,595,126	184,890	762.7%	1,763,552	-9.6%	5,085,505	803,591	532.8%
SILVER	SIL	33,662	15,831	112.6%	74,345	-54.7%	184,782	62,601	195.2%
Metals Options									
ALUMINUM	ALO	0	0	-	0	0.0%	150	0	-
COMEX COPPER	HX	38,270	69,781	-45.2%	62,213	-38.5%	277,477	256,125	8.3%
COMEX GOLD	OG	956,971	807,033	18.6%	1,922,558	-50.2%	6,268,058	3,745,065	67.4%
COMEX SILVER	SO	130,833	103,575	26.3%	273,923	-52.2%	857,345	495,918	72.9%
COPPER	H1E	111	64	73.4%	4	2,675.0%	1,083	100	983.0%
COPPER	H2E	12	25	-52.0%	4	200.0%	686	47	1,359.6%
COPPER	H3E	110	0	0.0%	114	-3.5%	732	27	2,611.1%
COPPER	H4E	0	10	-100.0%	2	-100.0%	370	32	1,056.3%
COPPER	H5E	0	0	0.0%	0	0.0%	692	10	6,820.0%
GOLD	OG1	25,868	35,228	-26.6%	56,961	-54.6%	180,622	93,976	92.2%
GOLD	OG2	25,228	24,364	3.5%	56,292	-55.2%	185,423	89,835	106.4%
GOLD	OG3	39,512	18,662	111.7%	39,976	-1.2%	164,600	72,811	126.1%
GOLD	OG4	19,536	10,900	79.2%	26,308	-25.7%	145,019	37,416	287.6%
GOLD	OG5	0	0	0.0%	0	0.0%	36,033	13,723	162.6%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	0.0%	75	600	-87.5%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	0.0%	0	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	30	3,150	-99.0%	1,050	-97.1%	1,410	6,660	-78.8%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	625	1,800	-65.3%	1,440	-56.6%	6,005	3,600	66.8%
NYMEX PLATINUM	PO	2,246	4,234	-47.0%	4,543	-50.6%	20,758	14,590	42.3%
PALLADIUM	PAO	226	1,528	-85.2%	1,645	-86.3%	5,514	5,465	0.9%
SILVER	SO1	765	987	-22.5%	4,750	-83.9%	13,474	3,534	281.3%
SILVER	SO2	1,022	1,462	-30.1%	6,425	-84.1%	13,138	3,354	291.7%
SILVER	SO3	906	1,131	-19.9%	2,826	-67.9%	11,550	4,527	155.1%
SILVER	SO4	329	830	-60.4%	447	-26.4%	8,869	1,556	470.0%
SILVER	SO5	0	0	0.0%	0	0.0%	3,203	1,305	145.4%

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Commodity	VOLUME APR 2020	VOLUME APR 2019	% CHG	VOLUME MAR 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
TOTAL FUTURES GROUP								
Ag Products Futures	2	0	0.0%	6	-66.7%	15	3	400.0%
Energy Futures	64,971,308	47,088,131	38.0%	71,045,439	-8.5%	243,010,832	175,665,189	38.3%
Metals Futures	9,369,662	10,008,731	-6.4%	17,780,901	-47.3%	57,547,770	40,473,172	42.2%
TOTAL FUTURES	74,340,972	57,096,862	30.2%	88,826,346	-16.3%	300,558,617	216,138,364	39.1%
TOTAL OPTIONS GROUP								
Energy Options	7,087,528	5,100,197	39.0%	8,704,489	-18.6%	29,162,249	18,683,849	56.1%
Metals Options	1,242,600	1,084,764	14.6%	2,461,481	-49.5%	8,202,286	4,850,276	69.1%
TOTAL OPTIONS	8,330,128	6,184,961	34.7%	11,165,970	-25.4%	37,364,535	23,534,125	58.8%
TOTAL COMBINED								
Ag Products	2	0	0.0%	6	-66.7%	15	3	400.0%
Energy	72,058,836	52,188,328	38.1%	79,749,928	-9.6%	272,173,081	194,349,038	40.0%
Metals	10,612,262	11,093,495	-4.3%	20,242,382	-47.6%	65,750,056	45,323,448	45.1%
GRAND TOTAL	82,671,100	63,281,823	30.6%	99,992,316	-17.3%	337,923,152	239,672,489	41.0%