



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Ag Products Futures									
COCOA TAS	CJ	0	0	0.0%	8	-100.0%	8	5	60.0%
COFFEE	KT	0	0	0.0%	0	-	0	0	0.0%
COTTON	TT	14	0	0.0%	6	133.3%	29	2	1,350.0%
SUGAR 11	YO	0	0	0.0%	10	-100.0%	10	58	-82.8%
Energy Futures									
CRUDE OIL PHY	CL	22,825,340	23,056,226	-1.0%	23,435,515	-2.6%	174,901,595	190,852,685	-8.4%
CRUDE OIL	WS	0	4,800	-100.0%	0	0.0%	16,694	15,139	10.3%
MINY WTI CRUDE OIL	QM	550,243	403,151	36.5%	590,831	-6.9%	3,208,632	2,380,009	34.8%
BRENT OIL LAST DAY	BZ	2,007,392	1,651,027	21.6%	2,503,878	-19.8%	15,120,711	12,850,241	17.7%
HEATING OIL PHY	HO	3,082,273	3,326,215	-7.3%	3,370,846	-8.6%	23,317,576	27,549,815	-15.4%
HTG OIL	BH	48	36	33.3%	0	0.0%	96	84	14.3%
MINY HTG OIL	QH	3	4	-25.0%	3	0.0%	23	22	4.5%
RBOB PHY	RB	4,235,311	3,959,402	7.0%	4,270,153	-0.8%	31,220,335	28,869,247	8.1%
MINY RBOB GAS	QU	6	4	50.0%	7	-14.3%	43	23	87.0%
NATURAL GAS	HP	100,821	74,845	34.7%	116,365	-13.4%	766,379	818,659	-6.4%
LTD NAT GAS	HH	272,857	264,029	3.3%	341,493	-20.1%	2,198,437	2,388,977	-8.0%
MINY NATURAL GAS	QG	33,478	18,460	81.4%	27,384	22.3%	191,184	186,022	2.8%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	9,037,161	7,091,612	27.4%	8,344,210	8.3%	53,948,956	61,682,996	-12.5%
RBOB GAS	RT	12	36	-66.7%	0	0.0%	72	14,374	-99.5%
3.5% FUEL OIL CID MED SWA	7D	3	0	0.0%	5	-40.0%	81	452	-82.1%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0.0%	20	95	-78.9%
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	0.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	0	0.0%	0	-	0	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0.0%	0	0	0.0%
ANR LOUISIANA BASIS SWAP	ND	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	2,505	11,970	-79.1%	5,900	-57.5%	72,746	172,101	-57.7%
ARGUS PROPAN FAR EST INDE	7E	5,444	3,918	38.9%	5,678	-4.1%	42,981	40,301	6.6%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,522	2,024	24.6%	1,995	26.4%	19,904	17,151	16.1%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	0.0%	0	20	-100.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	50	135	-63.0%	200	-75.0%	963	185	420.5%
BRENT CALENDAR SWAP	CY	12,224	1,669	632.4%	12,231	-0.1%	48,284	24,992	93.2%
BRENT CFD SWAP	6W	0	0	0.0%	0	0.0%	0	300	-100.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0.0%	7,000	13,264	-47.2%
BRENT FINANCIAL FUTURES	MBC	237	127	86.6%	0	0.0%	319	127	151.2%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	0	224	-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%
CAISO SP15 EZGNHUB5 MW P	9X	0	0	0.0%	0	-	0	0	0.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	0	0	0.0%	0	-	0	0	0.0%
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0.0%	0	36	-100.0%
CHICAGO ETHANOL SWAP	CU	96,231	66,953	43.7%	96,843	-0.6%	749,514	692,236	8.3%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	365	550	-33.6%	672	-45.7%	4,214	2,534	66.3%
CHICAGO UNL GAS PL VS RBO	3C	245	125	96.0%	200	22.5%	1,120	750	49.3%
CIG BASIS	CI	0	0	0.0%	0	0.0%	0	196	-100.0%
CIG ROCKIES NG INDEX SWA	Z8	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	0.0%
CIN HUB 5MW D AH PK	H5	688	1,216	-43.4%	442	55.7%	3,870	8,796	-56.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0.0%	3,920	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	0	230	-100.0%	0	0.0%	325	230	41.3%
COAL SWAP	ACM	0	30	-100.0%	0	0.0%	0	450	-100.0%
COAL SWAP	SSI	0	0	0.0%	0	-	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0.0%	364	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	-	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	50	89	-43.8%	75	-33.3%	1,233	1,314	-6.2%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	335	209	60.3%	1,003	-66.6%	2,796	2,426	15.3%
CONWAY PROPANE 5 DECIMALS SWAP	8K	13,696	13,364	2.5%	21,126	-35.2%	108,694	110,930	-2.0%
CRUDE OIL	LPS	2,100	5,150	-59.2%	2,400	-12.5%	19,825	33,955	-41.6%
CRUDE OIL OUTRIGHTS	42	42	243	-82.7%	414	-89.9%	3,051	1,797	69.8%
CRUDE OIL OUTRIGHTS	CC5	621	0	0.0%	750	-17.2%	3,071	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.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
CRUDE OIL OUTRIGHTS	CPD	0	0	0.0%	0	0.0%	0	2,956	-100.0%
CRUDE OIL OUTRIGHTS	CSN	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	530	-100.0%	2,920	5	58,300.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	400	-100.0%	400	99	304.0%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	276	105	162.9%
CRUDE OIL OUTRIGHTS	HTT	63,946	40,225	59.0%	48,141	32.8%	419,744	372,418	12.7%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	180	-100.0%	3,138	290	982.1%
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	UMD	0	0	0.0%	0	0.0%	0	4,800	-100.0%
CRUDE OIL OUTRIGHTS	UNS	0	0	0.0%	0	0.0%	0	7,554	-100.0%
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCW	1,535	2,758	-44.3%	3,530	-56.5%	32,294	53,950	-40.1%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	12,830	0	-	12,739	0.7%	143,275	0	-
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	2,055	-100.0%
CRUDE OIL SPRDS	HIL	0	0	-	0	0.0%	720	0	-
CRUDE OIL SPRDS	WTT	29,995	29,726	0.9%	22,810	31.5%	166,280	343,516	-51.6%
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	0.0%
DATED TO FRONTLINE BRENT	FY	0	85	-100.0%	0	0.0%	1,000	3,135	-68.1%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	0	5	-100.0%
DIESEL 10PPM BARGES FOB B	U7	0	0	0.0%	0	-	0	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.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
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	126	-100.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0.0%	0	125	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	490	2,075	-76.4%	1,175	-58.3%	17,538	14,027	25.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	17,365	482	3,502.7%	4,217	311.8%	59,242	7,180	725.1%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	-	0	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	0	15	-100.0%	0	0.0%	0	245	-100.0%
EAST/WEST FUEL OIL SPREAD	EW	10	30	-66.7%	10	0.0%	20	187	-89.3%
EIA FLAT TAX ONHWAY DIESE	A5	389	31	1,154.8%	686	-43.3%	2,642	1,480	78.5%
ELEC ERCOT DLY OFF PK	14	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	13	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	17	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	12	0	0	0.0%	0	0.0%	0	19,600	-100.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC FINSETTLED	49	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	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	0.0%
ELECTRICITY ERCOT PEAK	ERE	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	-
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	-	0	0	0.0%
ELEC WEST POWER OFF-PEAK	MDA	0	0	0.0%	0	-	0	0	0.0%
ELEC WEST POWER PEAK	MDC	0	0	0.0%	0	-	0	0	0.0%
ERCOT DAILY 5MW PEAK	ERW	0	0	0.0%	0	-	0	0	0.0%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	11	0	0	0.0%	0	0.0%	0	1,950	-100.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	18	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	16	0	0	0.0%	0	0.0%	0	19,600	-100.0%
ERCOT NORTH ZMCPE 5MW PEAK	15	0	0	0.0%	0	0.0%	0	5,050	-100.0%
ETHANOL	MTH	0	0	-	0	0.0%	40	0	-
ETHANOL	Z1B	0	0	-	0	0.0%	0	0	-
ETHANOL SWAP	MT2	10	120	-91.7%	0	0.0%	530	250	112.0%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	1,879	2,339	-19.7%	2,207	-14.9%	23,478	20,610	13.9%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0.0%	3	23	-87.0%
EURO 3.5% FUEL OIL RDAM B	KR	72	701	-89.7%	6	1,100.0%	291	4,710	-93.8%

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 JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
EURO 3.5% FUEL OIL SPREAD	FK	12	17	-29.4%	15	-20.0%	147	709	-79.3%
EURO-DENOMINATED PETRO PROD	NCP	0	0	0.0%	0	0.0%	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0.0%	0	370	-100.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	48	-100.0%	6	-100.0%	450	366	23.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0.0%	0	3	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	14	2	600.0%	5	180.0%	367	673	-45.5%
EUROPE 3.5% FUEL OIL RDAM	UV	380	7,697	-95.1%	604	-37.1%	7,273	64,334	-88.7%
EUROPEAN GASOIL (ICE)	7F	100	318	-68.6%	156	-35.9%	732	3,317	-77.9%
EUROPEAN NAPHTHA BALMO	KZ	181	410	-55.9%	159	13.8%	1,335	2,012	-33.6%
EUROPEAN NAPHTHA CRACK SPR	EN	2,124	7,925	-73.2%	4,300	-50.6%	32,224	63,590	-49.3%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	575	-100.0%	1,633	0	0.0%
EUROPE JET KERO NWE CALSW	UJ	0	6	-100.0%	0	0.0%	5	21	-76.2%
EUROPE NAPHTHA CALSWAP	UN	1,682	4,080	-58.8%	1,246	35.0%	14,884	23,529	-36.7%
EURO PROPANE CIF ARA SWA	PS	1,703	1,189	43.2%	1,921	-11.3%	13,839	12,517	10.6%
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	FLP	361	177	104.0%	110	228.2%	1,143	785	45.6%
FREIGHT MARKETS	FRC	230	0	0.0%	290	-20.7%	1,120	540	107.4%
FREIGHT MARKETS	FRS	0	0	0.0%	70	-100.0%	70	0	0.0%
FREIGHT MARKETS	T2D	545	330	65.2%	765	-28.8%	4,100	1,938	111.6%
FREIGHT MARKETS	TC6	0	0	0.0%	0	0.0%	0	240	-100.0%
FREIGHT MARKETS	TD3	70	30	133.3%	0	0.0%	140	30	366.7%
FREIGHT MARKETS	TD8	0	0	-	0	0.0%	60	0	-
FREIGHT MARKETS	USC	60	0	-	0	-	60	0	-
FUEL OIL CRACK VS ICE	FO	1,214	2,312	-47.5%	1,100	10.4%	11,168	30,447	-63.3%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	15	171	-91.2%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	6	-100.0%	6	154	-96.1%
FUEL OIL (PLATS) CAR CN	1X	0	48	-100.0%	0	0.0%	0	120	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	36	203	-82.3%	184	-80.4%	1,416	1,713	-17.3%
GAS EURO-BOB OXY NWE BARGES	7H	2,902	7,209	-59.7%	4,428	-34.5%	42,837	55,668	-23.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	5,279	13,153	-59.9%	7,358	-28.3%	63,065	139,577	-54.8%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0.0%	10	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	6	-100.0%	21	5	320.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	95	-100.0%	0	0.0%	103	1,255	-91.8%

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 JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG	
Energy Futures									
GASOIL 10P CRG CIF NW VS	3V	0	0.0%	0	-	0	0	0.0%	
GASOIL 10PPM VS ICE SWAP	TP	0	0.0%	0	0.0%	39	12	225.0%	
GASOIL BULLET SWAP	BG	0	0.0%	0	-	0	0	0.0%	
GASOIL CALENDAR SWAP	GX	12	0	0.0%	12	0.0%	90	48	87.5%
GASOIL CRACK SPREAD CALEN	GZ	960	1,524	-37.0%	3,272	-70.7%	4,994	32,720	-84.7%
GASOIL MINI CALENDAR SWAP	QA	427	384	11.2%	266	60.5%	1,698	1,270	33.7%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	5,143	0	0.0%	867	493.2%	17,435	2,076	739.8%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0.0%	0	185	-100.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	0.0%	0	425	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	4,648	2,060	125.6%	2,901	60.2%	24,995	24,838	0.6%
GRP THREE UNL GS (PLT) VS	A8	1,810	2,160	-16.2%	1,100	64.5%	19,817	13,792	43.7%
GULF COAST 3% FUEL OIL BA	VZ	809	1,846	-56.2%	389	108.0%	4,938	10,485	-52.9%
GULF COAST JET FUEL CLNDR	GE	0	60	-100.0%	0	0.0%	267	915	-70.8%
GULF COAST JET VS NYM 2 H	ME	20,360	27,628	-26.3%	24,016	-15.2%	152,410	271,668	-43.9%
GULF COAST NO.6 FUEL OIL	MF	18,314	47,665	-61.6%	18,925	-3.2%	165,462	426,001	-61.2%
GULF COAST NO.6 FUEL OIL	MG	160	835	-80.8%	305	-47.5%	1,493	14,343	-89.6%
GULF COAST ULSD CALENDAR	LY	277	98	182.7%	752	-63.2%	2,842	1,810	57.0%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	1,295	-100.0%
HEATING OIL BALMO CLNDR S	1G	40	0	0.0%	480	-91.7%	565	223	153.4%
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	0.0%	18	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	1,178	0	0.0%	1,860	-36.7%	12,426	7,432	67.2%
HENRY HUB FINANCIAL LAST	NBP	0	3,975	-100.0%	0	0.0%	0	18,046	-100.0%
HENRY HUB FINANCIAL LAST	TTE	0	69	-100.0%	0	0.0%	0	777	-100.0%
HENRY HUB INDEX SWAP FUTU	IN	1,178	0	0.0%	1,860	-36.7%	12,426	7,432	67.2%
HENRY HUB SWAP	NN	74,882	202,461	-63.0%	97,368	-23.1%	779,286	1,212,075	-35.7%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	736	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	0	0	0.0%	0	-	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	4,276	7,850	-45.5%	8,880	-51.8%	39,114	71,498	-45.3%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	-	0	0	0.0%
IN DELIVERY MONTH EUA	6T	0	0	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	FTM	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%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
INDONESIAN COAL	MCC	0	0	0.0%	0	-	0	0	0.0%
INDONESIAN COAL ICI4	ICI	550	240	129.2%	235	134.0%	2,760	775	256.1%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	169	1,689	-90.0%
JAPAN C&F NAPHTHA SWAP	JA	824	2,037	-59.5%	759	8.6%	8,683	14,993	-42.1%
JAPAN NAPHTHA BALMO SWAP	E6	10	185	-94.6%	3	233.3%	289	401	-27.9%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	0.0%	0	5	-100.0%
JET CIF NWE VS ICE	JC	0	138	-100.0%	0	0.0%	70	630	-88.9%
JET FUEL BRG FOB RDM VS I	9Q	0	0	0.0%	0	-	0	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	4,915	3,420	43.7%	5,064	-2.9%	31,313	42,257	-25.9%
JKM LNG Futures	JKM	1,760	2,065	-14.8%	240	633.3%	10,976	7,010	56.6%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	-	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	0	775	-100.0%	30	-100.0%	325	2,525	-87.1%
LA CARBOB GASOLINE(OPIS)S	JL	375	150	150.0%	300	25.0%	2,675	4,075	-34.4%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	-	0	0	0.0%
LA JET (OPIS) SWAP	JS	1,425	1,115	27.8%	1,510	-5.6%	9,305	16,255	-42.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	0.0%	0	0	-
LLS (ARGUS) VS WTI SWAP	WJ	1,080	2,530	-57.3%	760	42.1%	16,539	44,420	-62.8%
LOS ANGELES CARB GASOLINE	MH	10	0	-	0	0.0%	10	0	-
MARS (ARGUS) VS WTI SWAP	YX	1,440	150	860.0%	1,615	-10.8%	12,820	18,700	-31.4%
MARS (ARGUS) VS WTI TRD M	YV	12,197	6,165	97.8%	18,752	-35.0%	131,584	171,635	-23.3%
MARS BLEND CRUDE OIL	MB	0	200	-100.0%	0	0.0%	0	2,319	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	35,161	21,320	64.9%	35,682	-1.5%	210,554	174,028	21.0%
MCCLOSKEY RCH BAY COAL	MFF	2,312	3,013	-23.3%	2,678	-13.7%	17,264	23,877	-27.7%
MGF FUT	MGF	0	0	0.0%	0	0.0%	0	130	-100.0%
MGN1 SWAP FUT	MGN	10	30	-66.7%	120	-91.7%	360	533	-32.5%
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	114	552	-79.3%	223	-48.9%	1,344	2,686	-50.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	851	-100.0%	560	-100.0%	3,500	2,660	31.6%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	2,042	1,614	26.5%	2,381	-14.2%	16,882	11,459	47.3%
MJC FUT	MJC	0	50	-100.0%	0	0.0%	150	1,245	-88.0%
MNC FUT	MNC	3,232	3,792	-14.8%	3,904	-17.2%	28,633	26,217	9.2%

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 JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
MONT BELVIEU ETHANE 5 DECIMAL	C0	20,907	11,511	81.6%	18,473	13.2%	105,280	105,489	-0.2%
MONT BELVIEU ETHANE OPIS BALMO	8C	155	300	-48.3%	225	-31.1%	1,219	1,160	5.1%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	162,351	93,989	72.7%	150,673	7.8%	1,012,471	852,220	18.8%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,653	2,472	-33.1%	3,520	-53.0%	22,071	20,626	7.0%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	9,154	4,528	102.2%	6,807	34.5%	56,835	58,803	-3.3%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	865	215	302.3%	935	-7.5%	4,724	2,844	66.1%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	51,174	39,530	29.5%	55,341	-7.5%	314,011	225,797	39.1%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,010	2,284	-55.8%	514	96.5%	9,144	7,496	22.0%
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	0.0%
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	21,025	21,360	-1.6%	33,703	-37.6%	202,598	249,706	-18.9%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	16,560	79,520	-79.2%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	0	4,376	-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%
NEPOOL RHD ISLD 5MW D AH	U4	0	0	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	0.0%
NEPOOL W CNT MASS 5MW D A	L9	0	0	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	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	925	450	105.6%	1,077	-14.1%	5,449	9,636	-43.5%
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%	1,240	400	210.0%
NGPL TEX/OK	PD	0	0	0.0%	0	0.0%	2,576	22,836	-88.7%
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	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	95	-100.0%	0	0.0%	675	2,158	-68.7%
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	100	-100.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	-	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	0.0%	3,106	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.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	488	1,918	-74.6%	180	171.1%	3,143	12,558	-75.0%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	-	0	0	0.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	200	-100.0%	0	0.0%	775	1,200	-35.4%
NY HARBOR 1% FUEL OIL BAL	VK	25	0	0.0%	0	0.0%	25	0	0.0%
NY HARBOR HEAT OIL SWP	MP	498	1,999	-75.1%	2,357	-78.9%	15,479	10,415	48.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	390	2,695	-85.5%
NY HARBOR RESIDUAL FUEL 1	MM	502	887	-43.4%	427	17.6%	5,485	8,175	-32.9%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	0.0%	0	0	-
NYH NO 2 CRACK SPREAD CAL	HK	0	360	-100.0%	630	-100.0%	2,235	7,307	-69.4%
NYISO A	KA	0	0	0.0%	0	-	0	0	0.0%
NYISO A OFF-PEAK	KB	0	0	0.0%	0	-	0	0	0.0%
NYISO CAPACITY	LHV	0	78	-100.0%	0	0.0%	240	246	-2.4%
NYISO CAPACITY	NNC	0	58	-100.0%	0	0.0%	0	465	-100.0%
NYISO CAPACITY	NRS	0	18	-100.0%	0	0.0%	60	215	-72.1%
NYISO G	KG	0	0	0.0%	0	-	0	0	0.0%
NYISO G OFF-PEAK	KH	0	0	0.0%	0	-	0	0	0.0%
NYISO J	KJ	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO J OFF-PEAK	KK	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	0.0%
NYISO ZONE C 5MW D AH O P	A3	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE C 5MW D AH PK	Q5	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%	46,384	578,534	-92.0%
NYISO ZONE G 5MW D AH PK	T3	6,375	0	0.0%	0	0.0%	8,174	18,284	-55.3%
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	0	0	0.0%	0	0.0%	1,450	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	77	79	-2.5%	177	-56.5%	1,495	213	601.9%
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	0.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0.0%	0	10	-100.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	100	0	0.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	0	275	-100.0%

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.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG	
Energy Futures									
PANHANDLE PIPE SWAP	XH	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	179	176	1.7%	101	77.2%	1,166	1,116	4.5%
PETROCHEMICALS	32	132	64	106.3%	119	10.9%	791	1,175	-32.7%
PETROCHEMICALS	3NA	2	0	-	14	-85.7%	49	0	-
PETROCHEMICALS	51	60	0	0.0%	0	0.0%	77	23	234.8%
PETROCHEMICALS	8I	360	602	-40.2%	725	-50.3%	4,037	5,640	-28.4%
PETROCHEMICALS	91	370	222	66.7%	372	-0.5%	3,207	2,944	8.9%
PETROCHEMICALS	HPE	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	MAA	30	0	0.0%	150	-80.0%	280	50	460.0%
PETROCHEMICALS	MAC	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	MAE	769	298	158.1%	456	68.6%	2,339	1,378	69.7%
PETROCHEMICALS	MAS	275	110	150.0%	323	-14.9%	1,486	761	95.3%
PETROCHEMICALS	MBE	210	470	-55.3%	300	-30.0%	2,395	5,700	-58.0%
PETROCHEMICALS	MNB	410	1,454	-71.8%	287	42.9%	5,593	15,280	-63.4%
PETROCHEMICALS	MPS	108	90	20.0%	696	-84.5%	1,583	770	105.6%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	50	-100.0%	50	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	21	10	110.0%	25	-16.0%	232	509	-54.4%
PETRO CRCKS & SPRDS NA	CRB	7,150	2,090	242.1%	4,125	73.3%	46,665	9,220	406.1%
PETRO CRCKS & SPRDS NA	EXR	2,021	2,247	-10.1%	2,385	-15.3%	20,181	20,730	-2.6%
PETRO CRCKS & SPRDS NA	FOC	700	0	0.0%	150	366.7%	3,220	5,375	-40.1%
PETRO CRCKS & SPRDS NA	GBB	1,150	1,570	-26.8%	448	156.7%	4,968	8,735	-43.1%
PETRO CRCKS & SPRDS NA	GCC	0	150	-100.0%	0	0.0%	0	1,740	-100.0%
PETRO CRCKS & SPRDS NA	GCI	476	1,524	-68.8%	2,081	-77.1%	9,695	10,364	-6.5%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	0	142	-100.0%
PETRO CRCKS & SPRDS NA	GCU	4,723	8,318	-43.2%	1,774	166.2%	23,763	93,784	-74.7%
PETRO CRCKS & SPRDS NA	GFC	0	15	-100.0%	0	0.0%	100	40	150.0%
PETRO CRCKS & SPRDS NA	HOB	110	60	83.3%	3,582	-96.9%	8,642	6,941	24.5%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	0.0%	0	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO CRCKS & SPRDS NA	NYF	75	0	0.0%	0	0.0%	75	0	0.0%
PETRO CRCKS & SPRDS NA	NYH	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	2,182	3,616	-39.7%	7,201	-69.7%	57,544	38,419	49.8%

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 JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	RVG	11,810	12,057	-2.0%	14,405	-18.0%	102,118	123,897	-17.6%
PETRO CRCKS & SPRDS NA	SF3	101	33	206.1%	70	44.3%	694	321	116.2%
PETRO CRK&SPRD EURO	1NB	739	2,134	-65.4%	375	97.1%	9,433	13,498	-30.1%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO CRK&SPRD EURO	43	3	435	-99.3%	27	-88.9%	155	2,768	-94.4%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	60	0	0.0%
PETRO CRK&SPRD EURO	BOB	105	1,217	-91.4%	416	-74.8%	3,107	13,320	-76.7%
PETRO CRK&SPRD EURO	EGB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	EGN	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	EOB	8	9	-11.1%	0	0.0%	23	188	-87.8%
PETRO CRK&SPRD EURO	EPN	602	708	-15.0%	543	10.9%	4,143	6,676	-37.9%
PETRO CRK&SPRD EURO	EVC	728	2,249	-67.6%	150	385.3%	3,064	16,461	-81.4%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	0.0%	60	0	-
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	30	-100.0%
PETRO CRK&SPRD EURO	GCB	135	0	0.0%	0	0.0%	417	680	-38.7%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	84	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	120	80	50.0%
PETRO CRK&SPRD EURO	MUD	10	0	0.0%	60	-83.3%	80	163	-50.9%
PETRO CRK&SPRD EURO	NBB	0	10	-100.0%	0	0.0%	58	132	-56.1%
PETRO CRK&SPRD EURO	NOB	255	1,488	-82.9%	244	4.5%	3,180	11,545	-72.5%
PETRO CRK&SPRD EURO	SFB	0	15	-100.0%	0	0.0%	51	125	-59.2%
PETROLEUM PRODUCTS	1NM	110	0	-	100	10.0%	643	0	-
PETROLEUM PRODUCTS	EWB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	EWG	1,075	3,952	-72.8%	1,994	-46.1%	19,430	31,318	-38.0%
PETROLEUM PRODUCTS	JCC	0	0	-	0	0.0%	20	0	-
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MGS	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	0	30	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	R5F	9	0	-	0	-	9	0	-
PETROLEUM PRODUCTS	VU	50	116	-56.9%	0	0.0%	235	1,044	-77.5%
PETROLEUM PRODUCTS ASIA	E6M	0	150	-100.0%	18	-100.0%	68	564	-87.9%
PETROLEUM PRODUCTS ASIA	MJN	1,731	1,308	32.3%	1,530	13.1%	11,746	13,889	-15.4%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	0B	10	20	-50.0%	60	-83.3%	168	84	100.0%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0.0%	15	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.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG	
Energy Futures									
PETRO OUTRIGHT EURO	0D	1,367	1,187	15.2%	1,464	-6.6%	9,952	9,745	2.1%
PETRO OUTRIGHT EURO	0E	20	30	-33.3%	5	300.0%	76	195	-61.0%
PETRO OUTRIGHT EURO	0F	338	353	-4.2%	227	48.9%	2,682	4,089	-34.4%
PETRO OUTRIGHT EURO	1T	0	6	-100.0%	0	0.0%	5	21	-76.2%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	5L	0	10	-100.0%	10	-100.0%	203	214	-5.1%
PETRO OUTRIGHT EURO	63	0	25	-100.0%	10	-100.0%	15	167	-91.0%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	7I	50	120	-58.3%	75	-33.3%	644	582	10.7%
PETRO OUTRIGHT EURO	7R	44	236	-81.4%	51	-13.7%	1,125	2,142	-47.5%
PETRO OUTRIGHT EURO	88	25	0	0.0%	0	0.0%	25	105	-76.2%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0.0%	0	55	-100.0%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	CPB	137	10	1,270.0%	288	-52.4%	1,777	3,009	-40.9%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	6	-100.0%	116	101	14.9%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	6	-100.0%	31	0	0.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	36	-100.0%	131	65	101.5%
PETRO OUTRIGHT EURO	ESB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	EWN	208	665	-68.7%	380	-45.3%	3,827	4,847	-21.0%
PETRO OUTRIGHT EURO	FBD	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	FLB	0	0	-	0	0.0%	6	0	-
PETRO OUTRIGHT EURO	GES	0	0	-	0	0.0%	0	0	-
PETRO OUTRIGHT EURO	H5G	60	0	-	0	0.0%	120	0	-
PETRO OUTRIGHT EURO	MBB	0	10	-100.0%	0	0.0%	0	171	-100.0%
PETRO OUTRIGHT EURO	MBN	240	250	-4.0%	216	11.1%	2,302	7,969	-71.1%
PETRO OUTRIGHT EURO	MEF	227	0	-	352	-35.5%	2,398	0	-
PETRO OUTRIGHT EURO	R53	6	0	-	24	-75.0%	54	0	-
PETRO OUTRIGHT EURO	R5M	71	0	-	183	-61.2%	514	0	-
PETRO OUTRIGHT EURO	R5O	5	0	-	10	-50.0%	136	0	-
PETRO OUTRIGHT EURO	S5M	126	0	-	52	142.3%	230	0	-
PETRO OUTRIGHT EURO	SMU	500	0	0.0%	0	0.0%	625	328	90.5%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0.0%	0	9	-100.0%
PETRO OUTRIGHT EURO	T2B	0	0	-	0	0.0%	15	0	-
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	980	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	-	0	0.0%	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.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
PETRO OUTRIGHT NA	FCB	230	57	303.5%	32	618.8%	426	560	-23.9%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	60	-100.0%	60	69	-13.0%
PETRO OUTRIGHT NA	JET	2,425	1,650	47.0%	2,880	-15.8%	18,080	14,880	21.5%
PETRO OUTRIGHT NA	JTB	950	625	52.0%	125	660.0%	5,275	3,710	42.2%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0.0%	0	40	-100.0%
PETRO OUTRIGHT NA	MEN	68	517	-86.8%	236	-71.2%	1,316	2,933	-55.1%
PETRO OUTRIGHT NA	MEO	3,269	3,618	-9.6%	2,176	50.2%	18,933	27,560	-31.3%
PETRO OUTRIGHT NA	MFD	10	0	0.0%	285	-96.5%	295	100	195.0%
PETRO OUTRIGHT NA	MMF	65	0	0.0%	84	-22.6%	672	55	1,121.8%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	XER	0	0	-	0	0.0%	0	0	-
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	23,700	-100.0%	117,180	28,032	318.0%
PJM AD HUB 5MW REAL TIME	Z9	0	5,140	-100.0%	0	0.0%	2,560	12,653	-79.8%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	-	0	0	0.0%
PJM AECO DA PEAK	Y1	0	0	0.0%	0	-	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	W4	0	0	0.0%	0	-	0	0	0.0%
PJM APS ZONE DA PEAK	S4	0	0	0.0%	0	-	0	0	0.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM ATSI ELEC	MPD	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	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 JCPL DA OFF-PEAK	F2	0	0	0.0%	0	-	0	0	0.0%
PJM JCPL DA PEAK	J2	0	0	0.0%	0	-	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0.0%	1,285	5,100	-74.8%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0.0%	23,360	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	22	-100.0%
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	-
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	-	0	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.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
PJM PPL DA PEAK	L5	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	78,410	-100.0%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0.0%	0	4,250	-100.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	23,700	-100.0%	47,100	294,000	-84.0%
PJM WESTH RT PEAK	L1	514	3,830	-86.6%	6,656	-92.3%	47,090	43,179	9.1%
PLASTICS	PGP	620	90	588.9%	435	42.5%	5,180	2,544	103.6%
PREMIUM UNLD 10P FOB MED	3G	33	326	-89.9%	30	10.0%	773	1,859	-58.4%
PREMIUM UNLEAD 10PPM FOB	8G	15	31	-51.6%	0	0.0%	33	355	-90.7%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	20	80	-75.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	6	-100.0%	0	0.0%	30	70	-57.1%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,343	510	163.3%	1,482	-9.4%	11,074	3,691	200.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	30,094	8,600	249.9%	16,233	85.4%	134,764	81,132	66.1%
RBOB CALENDAR SWAP	RL	4,083	10,131	-59.7%	5,671	-28.0%	44,169	39,992	10.4%
RBOB CRACK SPREAD	RM	560	960	-41.7%	1,520	-63.2%	8,725	9,153	-4.7%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	25	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	821	374	119.5%	1,117	-26.5%	7,044	8,167	-13.8%
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	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0.0%	75	1,975	-96.2%
SAN JUAN BASIS SWAP	NJ	0	27	-100.0%	0	0.0%	0	58	-100.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0.0%	0	360	-100.0%
SINGAPORE 180CST BALMO	BS	15	55	-72.7%	5	200.0%	93	390	-76.2%
SINGAPORE 380CST BALMO	BT	343	323	6.2%	26	1,219.2%	593	1,526	-61.1%
SINGAPORE 380CST FUEL OIL	SE	2,649	7,996	-66.9%	3,293	-19.6%	21,903	61,763	-64.5%
SINGAPORE FUEL 180CST CAL	UA	267	812	-67.1%	253	5.5%	2,047	6,654	-69.2%
SINGAPORE FUEL OIL SPREAD	SD	75	140	-46.4%	87	-13.8%	435	5,451	-92.0%
SINGAPORE GASOIL	MAF	2,442	0	-	1,508	61.9%	12,689	0	-
SINGAPORE GASOIL	MTB	25	46	-45.7%	61	-59.0%	329	425	-22.6%
SINGAPORE GASOIL	MTS	4,657	4,697	-0.9%	3,770	23.5%	26,397	33,982	-22.3%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	0	4,300	-100.0%
SINGAPORE GASOIL CALENDAR	GDH	0	0	0.0%	0	0.0%	0	50	-100.0%
SINGAPORE GASOIL CALENDAR	GDL	0	0	0.0%	0	0.0%	0	250	-100.0%
SINGAPORE GASOIL CALENDAR	GHS	270	0	0.0%	0	0.0%	270	0	0.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	0.0%	0	0.0%	0	200	-100.0%

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.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
SINGAPORE GASOIL CALENDAR	MSG	257	0	0.0%	105	144.8%	1,225	4,199	-70.8%
SINGAPORE GASOIL CALENDAR	SGG	0	0	0.0%	0	0.0%	0	325	-100.0%
SINGAPORE GASOIL SWAP	SG	908	2,400	-62.2%	1,109	-18.1%	7,496	29,103	-74.2%
SINGAPORE GASOIL VS ICE	GA	150	8,381	-98.2%	0	0.0%	4,490	101,441	-95.6%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	0	215	-100.0%
SINGAPORE JET KERO GASOIL	RK	0	4,000	-100.0%	0	0.0%	100	28,845	-99.7%
SINGAPORE JET KEROSENE SW	KS	425	75	466.7%	880	-51.7%	4,290	7,065	-39.3%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	0.0%	0	25	-100.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	50	620	-91.9%	50	0.0%	1,475	3,183	-53.7%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	5,867	11,300	-48.1%	4,892	19.9%	81,691	101,540	-19.5%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0.0%	0	200	-100.0%
SING FUEL	MSD	0	15	-100.0%	0	0.0%	0	95	-100.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	-	0	0	0.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	-	0	0	0.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0.0%	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0.0%	0	91	-100.0%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	0	0.0%	0	-	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	546	0	0.0%	314	73.9%	1,970	548	259.5%
TC5 RAS TANURA TO YOKOHAM	TH	530	0	0.0%	206	157.3%	2,481	240	933.8%
TCO BASIS SWAP	TC	0	0	0.0%	0	0.0%	0	0	0.0%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	-	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	6,760	1,650	309.7%	6,260	8.0%	34,981	6,620	428.4%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 800 LEG NG BASI	6Z	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0.0%	0	0	0.0%
TETCO M-3 INDEX	IX	0	0	0.0%	0	-	0	0	0.0%
Tetco STX Basis	TX	0	0	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	0.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE 3 NG INDEX S	Y6	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 4 NAT GAS IN	B2	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%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	-	0	0	0.0%
UCM FUT	UCM	0	10	-100.0%	0	0.0%	20	60	-66.7%

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 JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures									
UK NBP NAT GAS CAL MTH FUT	UKG	150	6,342	-97.6%	0	0.0%	3,299	39,376	-91.6%
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0.0%	0	14	-100.0%
ULSD 10PPM CIF NW BALMO S	B1	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	5,070	4,080	24.3%	4,600	10.2%	37,615	35,525	5.9%
UP DOWN GC ULSD VS NMX HO	LT	27,797	24,917	11.6%	32,158	-13.6%	201,791	220,657	-8.5%
WAHA BASIS	NW	0	0	0.0%	0	0.0%	650	3,201	-79.7%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	-	0	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	10	-100.0%	0	0.0%	0	25	-100.0%
WTI-BRENT BULLET SWAP	BY	550	0	0.0%	0	0.0%	1,414	6,650	-78.7%
WTI-BRENT CALENDAR SWAP	BK	36,248	24,687	46.8%	38,949	-6.9%	256,227	236,514	8.3%
WTI CALENDAR	CS	36,849	23,613	56.1%	28,367	29.9%	297,566	228,619	30.2%
WTS (ARGUS) VS WTI SWAP	FF	3,750	6,662	-43.7%	4,090	-8.3%	34,672	54,919	-36.9%
WTS (ARGUS) VS WTI TRD MT	FH	0	1,620	-100.0%	175	-100.0%	4,933	3,570	38.2%
Energy Options									
12 MO GASOIL CAL SWAP SPR	GXZ	0	0	0.0%	0	-	0	0	0.0%
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	0.0%	0	3,000	-100.0%
BRENT CALENDAR SWAP	BA	0	440	-100.0%	690	-100.0%	3,030	4,745	-36.1%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	0.0%	0	0.0%	0	2,000	-100.0%
BRENT CRUDE OIL 1 M CSO	9C	2,540	2,800	-9.3%	1,500	69.3%	35,190	374,338	-90.6%
BRENT CRUDE OIL 6 M CSO	9L	0	0	0.0%	0	0.0%	0	1,000	-100.0%
BRENT OIL LAST DAY	BE	24,460	73,346	-66.7%	28,520	-14.2%	297,279	248,409	19.7%
BRENT OIL LAST DAY	BZO	74,938	176,722	-57.6%	100,602	-25.5%	704,549	920,927	-23.5%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	0	1,090	-100.0%
COAL API2 INDEX	CLA	50	680	-92.6%	25	100.0%	210	4,905	-95.7%
COAL API2 INDEX	CQA	150	425	-64.7%	0	0.0%	660	3,305	-80.0%
COAL API2 INDEX	MTC	0	0	0.0%	0	-	0	0	0.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	0.0%	0	25	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0.0%	0	60	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0.0%	0	0	0.0%
COAL SWAP	RPF	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL	6Y	0	0	-	0	0.0%	150	0	-
CRUDE OIL 1MO	WA	250,925	240,900	4.2%	91,750	173.5%	1,652,336	1,603,010	3.1%
CRUDE OIL APO	AO	36,148	13,742	163.0%	47,657	-24.1%	345,189	339,765	1.6%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Options									
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	200	170	17.6%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	DBP	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0.0%	960	0	0.0%
CRUDE OIL PHY	CD	0	175	-100.0%	0	0.0%	1,150	17,800	-93.5%
CRUDE OIL PHY	LC	9,315	1,799	417.8%	11,482	-18.9%	74,603	67,154	11.1%
CRUDE OIL PHY	LO	2,519,080	3,041,132	-17.2%	3,289,771	-23.4%	18,812,848	25,235,556	-25.5%
CRUDE OIL PHY	LO1	15,220	16,623	-8.4%	11,897	27.9%	112,464	97,148	15.8%
CRUDE OIL PHY	LO2	12,449	15,483	-19.6%	9,050	37.6%	107,314	107,341	0.0%
CRUDE OIL PHY	LO3	12,436	13,568	-8.3%	17,943	-30.7%	67,855	70,644	-3.9%
CRUDE OIL PHY	LO4	12,559	12,220	2.8%	19,750	-36.4%	114,517	106,794	7.2%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0.0%	38,264	34,914	9.6%
ELEC MISO PEAK	9T	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	CE1	0	0	0.0%	0	0.0%	0	275	-100.0%
ETHANOL	CE3	0	0	0.0%	0	0.0%	0	150	-100.0%
ETHANOL SWAP	CVR	15,793	3,470	355.1%	9,778	61.5%	68,388	54,505	25.5%
ETHANOL SWAP	GVR	0	120	-100.0%	0	0.0%	780	2,193	-64.4%
EUROPEAN JET KEROSENE NWE (PLATTS) A	30	0	0	0.0%	0	-	0	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRACK OPTIONS	CH	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	LB	390	10	3,800.0%	264	47.7%	1,402	750	86.9%
HEATING OIL PHY	OH	25,393	28,188	-9.9%	38,241	-33.6%	203,796	215,709	-5.5%
HENRY HUB FINANCIAL LAST	E7	4,100	6,477	-36.7%	2,701	51.8%	46,023	27,248	68.9%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	2,150	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	0	100	-100.0%
LLS CRUDE OIL	YVO	0	0	0.0%	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	130	255	-49.0%
MCCLOSKEY RCH BAY COAL	MFO	200	30	566.7%	300	-33.3%	870	1,905	-54.3%
NATURAL GAS	G10	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	82,050	18,037	354.9%	13,300	516.9%	289,325	255,682	13.2%
NATURAL GAS 2 M CSO FIN	G2	1,250	200	525.0%	550	127.3%	3,625	1,200	202.1%
NATURAL GAS 3 M CSO FIN	G3	34,650	3,150	1,000.0%	38,650	-10.3%	119,000	38,046	212.8%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	850	-100.0%	1,100	2,550	-56.9%
NATURAL GAS 6 M CSO FIN	G6	1,800	1,600	12.5%	1,250	44.0%	35,525	69,250	-48.7%
NATURAL GAS OPTION ON CALENDAR STRP	6J	6,260	1,800	247.8%	800	682.5%	15,360	21,308	-27.9%

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 JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Options									
NATURAL GAS PHY	KD	3,211	10,749	-70.1%	4,340	-26.0%	16,846	149,580	-88.7%
NATURAL GAS PHY	LN	1,535,832	1,180,551	30.1%	1,502,464	2.2%	10,027,775	12,140,881	-17.4%
NATURAL GAS PHY	ON	129,660	136,509	-5.0%	124,266	4.3%	872,348	1,207,340	-27.7%
NATURAL GAS WINTER STRIP	6I	0	0	-	0	0.0%	1,300	0	-
N ROCKIES PIPE SWAP	ZR	960	112	757.1%	546	75.8%	3,078	1,072	187.1%
NY HARBOR HEAT OIL SWP	AT	462	1,001	-53.8%	3,457	-86.6%	15,484	18,188	-14.9%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL APO	F7	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	4H	38	475	-92.0%	2,711	-98.6%	4,613	3,641	26.7%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	200	1,350	-85.2%
PETROCHEMICALS	4K	0	1,900	-100.0%	0	0.0%	160	2,100	-92.4%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	40	0	0.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	-	0	0.0%	24	0	-
PETRO OUTRIGHT NA	DAP	120	0	0.0%	120	0.0%	240	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	100	0	0.0%	380	-73.7%	640	310	106.5%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0.0%	0	880	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	92	-100.0%	0	0.0%	836	6,414	-87.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0.0%	150	700	-78.6%
RBOB CALENDAR SWAP	RA	120	0	0.0%	24	400.0%	381	965	-60.5%
RBOB CRACK	RX	0	0	-	0	0.0%	0	0	-
RBOB PHY	OB	11,600	8,850	31.1%	17,353	-33.2%	114,781	83,487	37.5%
RBOB PHY	RF	600	0	0.0%	12	4,900.0%	1,624	125	1,199.2%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	604	336	79.8%	364	65.9%	1,878	1,758	6.8%
SHORT TERM	C15	0	0	-	0	0.0%	0	0	-
SHORT TERM	U11	450	210	114.3%	0	0.0%	700	1,236	-43.4%
SHORT TERM	U12	100	250	-60.0%	0	0.0%	800	835	-4.2%
SHORT TERM	U13	0	0	0.0%	150	-100.0%	150	100	50.0%
SHORT TERM	U14	0	0	0.0%	0	0.0%	50	813	-93.8%
SHORT TERM	U15	350	0	0.0%	0	0.0%	1,175	777	51.2%
SHORT TERM	U22	0	0	0.0%	0	0.0%	1	1,191	-99.9%
SHORT TERM	U23	0	15	-100.0%	0	0.0%	17	595	-97.1%
SHORT TERM	U24	100	0	0.0%	150	-33.3%	250	426	-41.3%
SHORT TERM	U25	0	0	0.0%	0	0.0%	0	102	-100.0%

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.



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG	
Energy Options									
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	525	350	50.0%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0.0%	0	1,445	-100.0%
SHORT TERM NATURAL GAS	U03	200	570	-64.9%	0	0.0%	604	1,325	-54.4%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	600	950	-36.8%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	200	810	-75.3%
SHORT TERM NATURAL GAS	U06	0	225	-100.0%	355	-100.0%	405	875	-53.7%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	600	1,601	-62.5%
SHORT TERM NATURAL GAS	U08	100	0	0.0%	0	0.0%	600	1,375	-56.4%
SHORT TERM NATURAL GAS	U09	150	800	-81.3%	0	0.0%	250	1,534	-83.7%
SHORT TERM NATURAL GAS	U10	250	250	0.0%	0	0.0%	250	950	-73.7%
SHORT TERM NATURAL GAS	U16	100	103	-2.9%	0	0.0%	200	700	-71.4%
SHORT TERM NATURAL GAS	U17	150	13	1,053.8%	0	0.0%	150	2,293	-93.5%
SHORT TERM NATURAL GAS	U18	100	0	0.0%	0	0.0%	125	1,372	-90.9%
SHORT TERM NATURAL GAS	U19	0	38	-100.0%	0	0.0%	0	223	-100.0%
SHORT TERM NATURAL GAS	U20	0	210	-100.0%	300	-100.0%	300	510	-41.2%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	50	353	-85.8%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	0	400	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	425	100	325.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	460	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	200	100	100.0%
SHORT TERM NATURAL GAS	U31	350	0	0.0%	0	0.0%	1,200	25	4,700.0%
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALENDAR	N2	0	0	0.0%	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	ZN	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	29,500	35,065	-15.9%	34,650	-14.9%	346,080	719,767	-51.9%
WTI CRUDE OIL 1 M CSO FI	7A	20,030	53,550	-62.6%	55,550	-63.9%	385,295	548,600	-29.8%
Metals Futures									
COMEX GOLD	GC	9,490,344	7,231,169	31.2%	7,308,583	29.9%	46,005,859	51,578,290	-10.8%
NYMEX HOT ROLLED STEEL	HR	13,715	10,861	26.3%	14,031	-2.3%	125,338	66,810	87.6%
NYMEX PLATINUM	PL	444,188	393,517	12.9%	593,552	-25.2%	3,230,943	3,215,712	0.5%
PALLADIUM	PA	79,652	98,611	-19.2%	74,368	7.1%	748,201	829,235	-9.8%
URANIUM	UX	300	521	-42.4%	1,234	-75.7%	9,384	1,964	377.8%

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 JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Metals Futures									
COMEX SILVER	SI	2,086,973	1,582,406	31.9%	2,651,220	-21.3%	12,863,116	14,581,337	-11.8%
COMEX E-Mini GOLD	QO	31,114	11,516	170.2%	24,735	25.8%	99,382	52,196	90.4%
COMEX E-Mini SILVER	QI	4,349	1,123	287.3%	5,520	-21.2%	26,372	8,566	207.9%
COMEX COPPER	HG	1,875,657	2,833,195	-33.8%	2,257,064	-16.9%	14,664,083	20,379,267	-28.0%
COMEX MINY COPPER	QC	703	360	95.3%	1,022	-31.2%	4,612	3,540	30.3%
ALUMINUM	A38	0	0	0.0%	0	0.0%	22	0	0.0%
ALUMINUM	AEP	2,065	710	190.8%	360	473.6%	11,130	11,510	-3.3%
ALUMINUM	ALA	0	965	-100.0%	0	0.0%	240	4,965	-95.2%
ALUMINUM	ALI	350	0	0.0%	0	0.0%	350	0	0.0%
ALUMINUM	AUP	7,054	5,201	35.6%	1,633	332.0%	41,671	71,314	-41.6%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	0	205	-100.0%
ALUMINUM	EDP	3,840	1,590	141.5%	850	351.8%	14,854	10,247	45.0%
ALUMINUM	MJP	2,680	520	415.4%	0	0.0%	6,880	8,375	-17.9%
COPPER	HGS	127	0	0.0%	95	33.7%	5,871	10,639	-44.8%
E-MICRO GOLD	MGC	608,677	126,651	380.6%	491,048	24.0%	2,077,415	906,697	129.1%
FERROUS PRODUCTS	BUS	668	744	-10.2%	1,317	-49.3%	8,335	11,199	-25.6%
GOLD	GPS	0	0	0.0%	0	-	0	0	0.0%
Gold Kilo	GCK	0	0	0.0%	0	0.0%	0	136	-100.0%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	3,835	4,842	-20.8%	3,755	2.1%	42,624	27,371	55.7%
LNDN ZINC	ZNC	0	1,538	-100.0%	36	-100.0%	1,230	2,831	-56.6%
SILVER	SIL	23,306	6,645	250.7%	18,580	25.4%	118,812	51,187	132.1%
Metals Options									
COMEX COPPER	HX	49,537	35,140	41.0%	66,693	-25.7%	423,353	171,877	146.3%
COMEX GOLD	OG	1,546,529	926,919	66.8%	2,102,415	-26.4%	8,396,124	6,701,998	25.3%
COMEX SILVER	SO	249,760	143,979	73.5%	186,487	33.9%	1,050,412	1,068,168	-1.7%
COPPER	H1E	24	13	84.6%	15	60.0%	156	13	1,100.0%
COPPER	H2E	87	47	85.1%	49	77.6%	405	54	650.0%
COPPER	H3E	10	0	0.0%	24	-58.3%	89	5	1,680.0%
COPPER	H4E	10	80	-87.5%	52	-80.8%	105	116	-9.5%
COPPER	H5E	0	0	-	0	0.0%	20	0	-
GOLD	OG1	73,411	15,397	376.8%	81,532	-10.0%	266,676	74,815	256.4%
GOLD	OG2	48,588	12,973	274.5%	40,081	21.2%	216,346	63,295	241.8%
GOLD	OG3	42,269	14,126	199.2%	30,942	36.6%	164,048	75,060	118.6%

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



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Metals Options									
GOLD	OG4	17,200	7,159	140.3%	42,457	-59.5%	118,231	42,666	177.1%
GOLD	OG5	0	0	0.0%	0	0.0%	28,663	15,375	86.4%
HOT ROLLED COIL STEEL CALL OPTION	HRO	300	0	0.0%	0	0.0%	900	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	0.0%	0	0.0%	6,660	200	3,230.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	0.0%	0	0.0%	3,600	1,280	181.3%
NYMEX PLATINUM	PO	1,149	6,756	-83.0%	4,719	-75.7%	25,067	28,366	-11.6%
PALLADIUM	PAO	469	2,055	-77.2%	1,712	-72.6%	8,804	21,222	-58.5%
SILVER	SO1	2,428	1,139	113.2%	3,134	-22.5%	10,612	2,345	352.5%
SILVER	SO2	1,948	581	235.3%	1,569	24.2%	7,651	1,793	326.7%
SILVER	SO3	860	1,507	-42.9%	994	-13.5%	7,293	3,274	122.8%
SILVER	SO4	459	274	67.5%	1,094	-58.0%	3,684	1,250	194.7%
SILVER	SO5	0	0	0.0%	0	0.0%	1,867	1,181	58.1%
TOTAL FUTURES GROUP									
Ag Products Futures		14	0	0.0%	24	-41.7%	47	65	-27.7%
Energy Futures		43,131,000	40,835,855	5.6%	44,049,993	-2.1%	312,570,682	337,392,571	-7.4%
Metals Futures		14,679,597	12,312,685	19.2%	13,449,003	9.2%	80,106,724	91,833,593	-12.8%
TOTAL FUTURES		57,810,611	53,148,540	8.8%	57,499,020	0.5%	392,677,453	429,226,229	-8.5%
TOTAL OPTIONS GROUP									
Energy Options		4,877,393	5,105,011	-4.5%	5,484,513	-11.1%	34,959,842	44,846,510	-22.0%
Metals Options		2,035,038	1,168,145	74.2%	2,563,969	-20.6%	10,740,766	8,274,353	29.8%
TOTAL OPTIONS		6,912,431	6,273,156	10.2%	8,048,482	-14.1%	45,700,608	53,120,863	-14.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME JUL 2019	VOLUME JUL 2018	% CHG	VOLUME JUN 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
TOTAL COMBINED								
Ag Products	14	0	0.0%	24	-41.7%	47	65	-27.7%
Energy	48,008,393	45,940,866	4.5%	49,534,506	-3.1%	347,530,524	382,239,081	-9.1%
Metals	16,714,635	13,480,830	24.0%	16,012,972	4.4%	90,847,490	100,107,946	-9.3%
GRAND TOTAL	64,723,042	59,421,696	8.9%	65,547,502	-1.3%	438,378,061	482,347,092	-9.1%