



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG	
Ag Products Futures						
COCOA TAS	CJ	0	1	-100.0%	0	-
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	2	-100.0%	0	-
SUGAR 11	YO	0	1	-100.0%	58	-100.0%
Energy Futures						
CRUDE OIL PHY	CL	2,358,174	2,242,008	5.2%	2,502,159	-5.8%
CRUDE OIL	WS	572	7,396	-92.3%	572	0.0%
MINY WTI CRUDE OIL	QM	4,690	5,473	-14.3%	4,711	-0.4%
BRENT OIL LAST DAY	BZ	197,874	143,699	37.7%	211,992	-6.7%
HEATING OIL PHY	HO	395,920	396,631	-0.2%	390,359	1.4%
HTG OIL	BH	220	292	-24.7%	203	8.4%
MINY HTG OIL	QH	0	0	-	1	-100.0%
RBOB PHY	RB	470,601	391,992	20.1%	436,313	7.9%
MINY RBOB GAS	QU	0	0	-	0	-
NATURAL GAS	HP	78,338	118,086	-33.7%	78,684	-0.4%
LTD NAT GAS	HH	440,270	371,914	18.4%	421,061	4.6%
MINY NATURAL GAS	QG	1,130	1,580	-28.5%	1,231	-8.2%
PJM MONTHLY	JM	1,100	2,486	-55.8%	1,130	-2.7%
NATURAL GAS PHY	NG	1,541,421	1,333,496	15.6%	1,489,298	3.5%
RBOB GAS	RT	112	3,588	-96.9%	83	34.9%
3.5% FUEL OIL CID MED SWA	7D	198	404	-51.0%	248	-20.2%
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-
AEP-DAYTON HUB DAILY	VD	82	170	-51.8%	68	20.6%
AEP-DAYTON HUB MTHLY	VM	0	420	-100.0%	0	-
AEP-DAYTON HUB OFF-PEAK M	VP	0	300	-100.0%	0	-
ALGON CITY GATES NAT GAS	N7	0	984	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	B4	0	1,068	-100.0%	0	-
ANR LOUISIANA BASIS SWAP	ND	0	0	-	0	-
ANR OKLAHOMA	NE	823	2,408	-65.8%	978	-15.8%
APPALACHIAN COAL (PHY)	QL	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	45,218	7,934	469.9%	49,839	-9.3%
ARGUS PROPAN FAR EST INDE	7E	5,028	2,409	108.7%	5,034	-0.1%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,613	879	83.5%	1,656	-2.6%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	192	630	-69.5%	216	-11.1%
BRENT BALMO SWAP	J9	135	190	-28.9%	0	-
BRENT CALENDAR SWAP	CY	19,100	17,580	8.6%	20,023	-4.6%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	3,466	7,027	-50.7%	3,848	-9.9%
BRENT FINANCIAL FUTURES	MBC	127	0	-	0	-
BRENT FINANCIAL FUTURES	MDB	0	20	-100.0%	0	-
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	0	1,250	-100.0%	0	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	1,900	-100.0%	0	-
CANADIAN LIGHT SWEET OIL	CIL	28	2,919	-99.0%	35	-20.0%
CENTERPOINT BASIS SWAP	PW	5,251	13,332	-60.6%	5,813	-9.7%
CENTERPOINT EAST INDEX	II	0	0	-	0	-
CEU ENERGY	DEB	57	0	-	59	-3.4%
CEU ENERGY	TTF	133	0	-	200	-33.5%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Energy Futures					
CEU ENERGY	140	0	-	505	-72.3%
CHICAGO ETHANOL SWAP	58,446	42,579	37.3%	59,540	-1.8%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	1,456	1,179	23.5%	1,116	30.5%
CHICAGO UNL GAS PL VS RBO	550	18	2,955.6%	625	-12.0%
CIG BASIS	13,454	33,113	-59.4%	14,916	-9.8%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	60	120	-50.0%	70	-14.3%
CINERGY HUB PEAK MONTH	144	288	-50.0%	168	-14.3%
CIN HUB 5MW D AH O PK	56,000	322,600	-82.6%	69,160	-19.0%
CIN HUB 5MW D AH PK	6,443	14,059	-54.2%	6,916	-6.8%
CIN HUB 5MW REAL TIME O P	288,024	597,264	-51.8%	316,584	-9.0%
CIN HUB 5MW REAL TIME PK	25,782	45,483	-43.3%	27,640	-6.7%
COAL SWAP	35	95	-63.2%	205	-82.9%
COAL SWAP	0	0	-	0	-
COLUMB GULF MAINLINE NG B	1,665	10,401	-84.0%	2,000	-16.8%
COLUMBIA GULF MAIN NAT G	0	0	-	0	-
COLUMBIA GULF ONSHORE	0	7,439	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	1,089	1,068	2.0%	1,146	-5.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	1,808	3,832	-52.8%	1,771	2.1%
CONWAY PROPANE 5 DECIMALS SWAP	26,824	18,055	48.6%	24,450	9.7%
CRUDE OIL	0	0	-	0	-
CRUDE OIL	21,450	18,435	16.4%	19,200	11.7%
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	243	86	182.6%	412	-41.0%
CRUDE OIL OUTRIGHTS	0	270	-100.0%	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	875	-100.0%	0	-
CRUDE OIL OUTRIGHTS	0	100	-100.0%	0	-
CRUDE OIL OUTRIGHTS	0	230	-100.0%	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	137,098	33,110	314.1%	127,410	7.6%
CRUDE OIL OUTRIGHTS	700	120	483.3%	875	-20.0%
CRUDE OIL OUTRIGHTS	0	270	-100.0%	0	-
CRUDE OIL OUTRIGHTS	0	0	-	200	-100.0%
CRUDE OIL OUTRIGHTS	300	0	-	1,000	-70.0%
CRUDE OIL OUTRIGHTS	640	5,105	-87.5%	800	-20.0%
CRUDE OIL OUTRIGHTS	17,025	12,990	31.1%	19,504	-12.7%
CRUDE OIL PHY	0	0	0.0%	0	0.0%
CRUDE OIL SPRDS	1,230	0	-	1,485	-17.2%
CRUDE OIL SPRDS	171,381	26,688	542.2%	176,396	-2.8%
CRUDE OIL TRADE AT MARKER SINGAPORE	0	0	0.0%	0	0.0%
DAILY PJM	2,880	10,656	-73.0%	3,600	-20.0%
DAILY PJM	14,848	16,704	-11.1%	16,640	-10.8%
DAILY PJM	12,864	22,176	-42.0%	16,080	-20.0%
DAILY PJM	700	1,260	-44.4%	650	7.7%
DAILY PJM	3,712	11,600	-68.0%	4,160	-10.8%
DAILY PJM	21,808	126,208	-82.7%	24,440	-10.8%
DAILY PJM	1,540	6,155	-75.0%	1,440	6.9%
DAILY PJM	21,808	81,200	-73.1%	24,440	-10.8%
DAILY PJM	1,316	7,868	-83.3%	1,222	7.7%
DAILY PJM	24,000	24,576	-2.3%	20,400	17.6%

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 Open Interest Report - Monthly

Commodity	Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG	
Energy Futures						
DAILY PJM	ZAO	6,496	13,920	-53.3%	7,280	-10.8%
DAILY PJM	ZGO	26,448	18,560	42.5%	29,640	-10.8%
DAILY PJM	ZJO	11,600	11,600	0.0%	13,000	-10.8%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	4,790	10,685	-55.2%	5,420	-11.6%
DEMARCO INDEX FUTURE	DI	0	0	-	0	-
DEMARCO SWING SWAP	DT	0	0	-	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DIESEL 10PPM BARGES FOB B	U7	0	3	-100.0%	0	-
DLY GAS EURO-BOB OXY	GBR	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	1,472	2,920	-49.6%	1,712	-14.0%
DOMINION TRANSMISSION INC	PG	18,719	46,650	-59.9%	20,083	-6.8%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	3,675	12,740	-71.2%	2,721	35.1%
DY EURO 3.5% FUEL OI RDA	FOR	0	0	-	0	-
EASTERN RAIL DELIVERY CSX	QX	135	593	-77.2%	155	-12.9%
EAST/WEST FUEL OIL SPREAD	EW	107	564	-81.0%	97	10.3%
EIA FLAT TAX ONHWAY DIESE	A5	1,858	3,840	-51.6%	2,005	-7.3%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	-
ELEC ERCOT DLY OFF PK	R4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I3	300	0	-	0	-
ELEC ERCOT DLY PEAK	I7	300	0	-	900	-66.7%
ELEC ERCOT DLY PEAK	N1	0	0	-	0	-
ELEC ERCOT DLY PEAK	R1	0	0	-	0	-
ELEC ERCOT OFF PEAK	I2	0	0	-	0	-
ELEC FINSETTLED	47	1,278	2,164	-40.9%	1,320	-3.2%
ELEC FINSETTLED	49	0	0	-	0	-
ELEC MISO PEAK	4L	1,905	4,040	-52.8%	2,220	-14.2%
ELEC MISO PEAK	55	0	504	-100.0%	0	-
ELEC NYISO OFF-PEAK	4M	35,775	70,200	-49.0%	41,535	-13.9%
ELEC NYISO OFF-PEAK	58	0	9,604	-100.0%	0	-
ELECTRICITY ERCOT PEAK	ERE	0	0	0.0%	0	-
ELECTRICITY OFF PEAK	46	23,474	40,069	-41.4%	24,242	-3.2%
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
ELECTRICITY OFF PEAK	50	0	0	-	0	-
ELEC WEST POWER OFF-PEAK	MDA	0	0	-	0	-
ELEC WEST POWER PEAK	MDC	0	0	-	0	-
EL PASO PERMIAN INDEX SWA	IL	0	0	-	0	-
ERCOT DAILY 5MW PEAK	ERW	0	690	-100.0%	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	1,150	1,680	-31.5%	2,200	-47.7%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	6,720	0	-	8,400	-20.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	55,440	0	-	84,000	-34.0%
ERCOT NORTH ZMCPE 5MW PEAK	I5	2,100	1,680	25.0%	3,150	-33.3%
ETHANOL SWAP	MT2	110	0	-	100	10.0%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	4,859	4,984	-2.5%	4,788	1.5%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	3	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	678	141	380.9%	651	4.1%
EURO 3.5% FUEL OIL SPREAD	FK	189	1,330	-85.8%	238	-20.6%
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	GT	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	281	281	0.0%	324	-13.3%
EUROPE 1% FUEL OIL NWE CA	UF	192	73	163.0%	179	7.3%
EUROPE 1% FUEL OIL RDAM C	UH	3	10	-70.0%	3	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 Open Interest Report - Monthly

Commodity		Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Energy Futures						
EUROPE 3.5% FUEL OIL MED	UI	238	428	-44.4%	291	-18.2%
EUROPE 3.5% FUEL OIL RDAM	UV	13,072	9,519	37.3%	13,654	-4.3%
EUROPEAN GASOIL (ICE)	7F	179	1,043	-82.8%	154	16.2%
EUROPEAN NAPHTHA BALMO	KZ	400	245	63.3%	249	60.6%
EUROPEAN NAPHTHA CRACK SPR	EN	16,025	12,840	24.8%	15,959	0.4%
EUROPE DATED BRENT SWAP	UB	75	1,325	-94.3%	150	-50.0%
EUROPE JET KERO NWE CALSW	UJ	24	48	-50.0%	24	0.0%
EUROPE NAPHTHA CALSWAP	UN	3,140	2,910	7.9%	3,101	1.3%
EURO PROPANE CIF ARA SWA	PS	1,673	1,233	35.7%	1,748	-4.3%
FL GAS ZONE 3 NAT GAS IND	Q9	0	0	-	0	-
FLORIDA GAS ZONE3 BASIS S	FP	0	0	-	0	-
FREIGHT MARKETS	FLP	714	814	-12.3%	686	4.1%
FREIGHT MARKETS	FRC	315	0	-	340	-7.4%
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	1,219	0	-	1,258	-3.1%
FREIGHT MARKETS	TC6	0	0	-	60	-100.0%
FREIGHT MARKETS	TD3	30	0	-	0	-
FUEL OIL CRACK VS ICE	FO	12,448	18,746	-33.6%	12,695	-1.9%
FUEL OIL NWE CRACK VS ICE	FI	171	0	-	171	0.0%
FUEL OIL (PLATS) CAR CM	1W	84	20	320.0%	98	-14.3%
FUEL OIL (PLATS) CAR CN	1X	105	0	-	57	84.2%
FUELOIL SWAP:CARGOES VS.B	FS	779	1,123	-30.6%	730	6.7%
GAS EURO-BOB OXY NWE BARGES	7H	6,456	5,143	25.5%	6,851	-5.8%
GAS EURO-BOB OXY NWE BARGES CRK	7K	34,315	30,275	13.3%	35,571	-3.5%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	-	0	-
GASOIL 0.1 CIF MED SWAP	Z4	0	0	-	0	-
GASOIL 0.1CIF MED VS ICE	Z5	0	30	-100.0%	5	-100.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-
GASOIL 0.1 CIF VS ICE GAS	8W	0	0	-	0	-
GASOIL 0.1 CRG CIF NW VS	4V	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	102	150	-32.0%	124	-17.7%
GASOIL 0.1 ROTTERDAM BARG	VL	220	30	633.3%	380	-42.1%
GASOIL 10P CRG CIF NW VS	3V	0	25	-100.0%	0	-
GASOIL 10PPM CARGOES CIF	TY	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	TP	285	826	-65.5%	332	-14.2%
GASOIL BULLET SWAP	BG	0	30	-100.0%	0	-
GASOIL CALENDAR SWAP	GX	30	61	-50.8%	32	-6.3%
GASOIL CRACK SPREAD CALEN	GZ	19,416	22,818	-14.9%	20,488	-5.2%
GASOIL MINI CALENDAR SWAP	QA	744	331	124.8%	573	29.8%
GASOLINE UP-DOWN BALMO SW	1K	0	0	-	0	-
GROUP THREE ULSD (PLATTS)	A7	132	150	-12.0%	155	-14.8%
GROUP THREE UNLEAD GAS (P	A9	375	0	-	425	-11.8%
GRP THREE ULSD(PLT)VS HEA	A6	9,176	10,279	-10.7%	10,335	-11.2%
GRP THREE UNL GS (PLT) VS	A8	3,918	2,235	75.3%	3,618	8.3%
GULF COAST 3% FUEL OIL BA	VZ	1,671	735	127.3%	919	81.8%
GULF COAST GASOLINE CLNDR	GS	0	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	864	949	-9.0%	905	-4.5%
GULF COAST JET VS NYM 2 H	ME	28,821	38,750	-25.6%	30,122	-4.3%
GULF COAST NO.6 FUEL OIL	MF	50,165	46,941	6.9%	56,534	-11.3%
GULF COAST NO.6 FUEL OIL	MG	9,272	4,097	126.3%	9,842	-5.8%
GULF COAST ULSD CALENDAR	LY	1,546	2,777	-44.3%	1,609	-3.9%
GULF COAST ULSD CRACK SPR	GY	895	2,780	-67.8%	945	-5.3%
HEATING OIL BALMO CLNDR S	1G	0	100	-100.0%	167	-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 Open Interest Report - Monthly

Commodity		Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Energy Futures						
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HENRY HUB BASIS SWAP	HB	1,348	20,745	-93.5%	2,836	-52.5%
HENRY HUB FINANCIAL LAST	NBP	0	24	-100.0%	6	-100.0%
HENRY HUB FINANCIAL LAST	TTE	21	3	600.0%	6	250.0%
HENRY HUB INDEX SWAP FUTU	IN	2,224	10,875	-79.5%	2,464	-9.7%
HENRY HUB SWAP	NN	1,106,868	1,265,165	-12.5%	1,087,984	1.7%
HENRY HUB SWING FUTURE	SN	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	NH	13,895	21,894	-36.5%	14,453	-3.9%
HOUSTON SHIP CHANNEL INDE	IP	0	0	-	0	-
HUSTN SHIP CHNL PIPE SWP	XJ	0	719	-100.0%	0	-
ICE BRENT DUBAI SWAP	DB	49,382	46,008	7.3%	46,975	5.1%
ICE GASOIL BALMO SWAP	U9	0	6	-100.0%	0	-
IN DELIVERY MONTH EUA	6T	3,698	10,598	-65.1%	3,698	0.0%
INDIANA MISO	FAD	16,520	25,960	-36.4%	18,480	-10.6%
INDIANA MISO	FTD	6,720	4,704	42.9%	8,400	-20.0%
INDIANA MISO	FTM	0	0	-	0	-
INDIANA MISO	PDD	1,393	2,655	-47.5%	1,308	6.5%
INDIANA MISO	PDM	0	0	-	0	-
INDIANA MISO	PTD	581	444	30.9%	581	0.0%
INDIANA MISO	PTM	0	0	-	0	-
INDONESIAN COAL	MCC	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	215	0	-	110	95.5%
ISO NEW ENGLAND OFF-PEAK	KI	0	84	-100.0%	0	-
ISO NEW ENGLAND PK LMP	NI	0	102	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	JB	256	1,931	-86.7%	616	-58.4%
JAPAN C&F NAPHTHA SWAP	JA	2,662	1,690	57.5%	2,813	-5.4%
JAPAN NAPHTHA BALMO SWAP	E6	185	90	105.6%	23	704.3%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	12	30	-60.0%	14	-14.3%
JET BARGES VS ICE GASOIL	JR	0	0	-	0	-
JET CIF NWE VS ICE	JC	552	560	-1.4%	472	16.9%
JET FUEL BRG FOB RDM VS I	9Q	0	0	-	0	-
JET FUEL CRG CIF NEW VS I	6X	0	42	-100.0%	0	-
JET FUEL UP-DOWN BALMO CL	1M	2,915	4,746	-38.6%	4,263	-31.6%
LA CARB DIESEL (OPIS)	LX	0	0	-	0	-
LA CARB DIESEL (OPIS) SWA	KL	900	200	350.0%	625	44.0%
LA CARBOB GASOLINE(OPIS)S	JL	150	325	-53.8%	575	-73.9%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	-	0	-
LA JET (OPIS) SWAP	JS	2,085	2,365	-11.8%	2,395	-12.9%
LLS (ARGUS) VS WTI SWAP	WJ	35,012	19,931	75.7%	36,195	-3.3%
MARS (ARGUS) VS WTI SWAP	YX	8,715	10,549	-17.4%	10,470	-16.8%
MARS (ARGUS) VS WTI TRD M	YV	17,981	16,349	10.0%	21,543	-16.5%
MARS BLEND CRUDE OIL	MB	0	1,700	-100.0%	200	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	37,668	63,875	-41.0%	39,757	-5.3%
MCCLOSKEY RCH BAY COAL	MFF	5,316	9,509	-44.1%	4,997	6.4%
MGF FUT	MGF	10	19	-47.4%	20	-50.0%
MGN1 SWAP FUT	MGN	447	584	-23.5%	454	-1.5%
MICHCON NG INDEX SWAP	Y8	0	0	-	0	-
MICHIGAN BASIS	NF	3,359	8,235	-59.2%	3,582	-6.2%
MICHIGAN MISO	HMO	16,688	117,360	-85.8%	19,376	-13.9%
MICHIGAN MISO	HMW	889	7,440	-88.1%	1,036	-14.2%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	552	608	-9.2%	411	34.3%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	815	402	102.7%	446	82.7%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity		Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Energy Futures						
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	3,215	4,165	-22.8%	2,760	16.5%
MJC FUT	MJC	330	480	-31.3%	390	-15.4%
MNC FUT	MNC	4,963	4,859	2.1%	5,111	-2.9%
MONT BELVIEU ETHANE 5 DECIMAL	C0	44,621	75,607	-41.0%	45,725	-2.4%
MONT BELVIEU ETHANE OPIS BALMO	8C	300	0	-	80	275.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	124,863	109,148	14.4%	127,318	-1.9%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,422	1,090	122.2%	1,816	33.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	19,064	9,563	99.4%	19,938	-4.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	215	145	48.3%	500	-57.0%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	47,792	42,090	13.5%	44,431	7.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	2,259	275	721.5%	682	231.2%
NAT GAS BASIS SWAP	TZ6	3,779	9,049	-58.2%	4,027	-6.2%
NATURAL GAS	HBI	0	0	-	0	-
NATURAL GAS	XIC	0	32	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	CFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	DSF	0	360	-100.0%	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	MFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	PFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	WFS	0	0	-	0	-
NATURAL GAS FIXED PRICE SWAP FUTURES	ZTS	0	0	-	0	-
NATURAL GAS INDEX	TZI	0	492	-100.0%	0	-
NATURAL GAS PEN SWP	NP	161,440	228,484	-29.3%	163,518	-1.3%
NEPOOL CNCTCT 5MW D AH O	P3	0	2,401	-100.0%	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	126	-100.0%	0	-
NEPOOL INTR HUB 5MW D AH	H2	459,909	587,977	-21.8%	471,941	-2.5%
NEPOOL INTR HUB 5MW D AH	U6	28,869	42,259	-31.7%	30,226	-4.5%
NEPOOL NE MASS 5MW D AH O	P8	14,040	0	-	14,040	0.0%
NEPOOL NE MASS 5MW D AH P	P7	765	0	-	765	0.0%
NEPOOL NEW HAMP 5MW D AH	U2	0	0	-	0	-
NEPOOL NEW HAMP 5MW D AH	U3	0	0	-	0	-
NEPOOL RHD ISLD 5MW D AH	U4	0	630	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	12,005	-100.0%	0	-
NEPOOL SE MASS 5MW D AH O	P5	0	0	-	0	-
NEPOOL SE MASS 5MW D AH P	P4	0	0	-	0	-
NEPOOL W CNT MASS 5MW D A	L9	0	4,802	-100.0%	0	-
NEPOOL W CNTR M 5MW D AH	R6	0	252	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	CE	2,006	2,236	-10.3%	1,888	6.3%
NEW YORK ETHANOL SWAP	EZ	1,855	1,510	22.8%	2,000	-7.3%
NEW YORK HUB ZONE G PEAK	GN	2,958	3,463	-14.6%	2,619	12.9%
NEW YORK HUB ZONE J PEAK	JN	1,360	2,210	-38.5%	1,170	16.2%
NGPL MID-CONTINENT	NL	16,961	26,844	-36.8%	17,922	-5.4%
NGPL MIDCONTINENT INDEX	IW	0	0	-	0	-
NGPL MIDCONTINENT SWING S	PX	0	0	-	0	-
NGPL TEX/OK	PD	20,888	28,980	-27.9%	23,509	-11.1%
NGPL TEXOK INDEX	OI	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	178	294	-39.5%	178	0.0%
N ILLINOIS HUB MTHLY	UM	0	120	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	195	1,890	-89.7%	463	-57.9%
NORTHEN NATURAL GAS DEMAR	PE	836	2,470	-66.2%	968	-13.6%
NORTHEN NATURAL GAS VENTU	PF	1,420	3,012	-52.9%	1,432	-0.8%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	25,910	53,078	-51.2%	27,925	-7.2%
N ROCKIES PIPE SWAP	XR	0	334	-100.0%	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 Open Interest Report - Monthly

Commodity		Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Energy Futures						
NY1% VS GC SPREAD SWAP	VR	5,113	4,807	6.4%	4,159	22.9%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	-	0	-
NY 3.0% FUEL OIL (PLATTS	H1	300	575	-47.8%	175	71.4%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	8,256	11,633	-29.0%	7,356	12.2%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	300	910	-67.0%	515	-41.7%
NY HARBOR RESIDUAL FUEL 1	MM	2,212	3,390	-34.7%	2,115	4.6%
NYH NO 2 CRACK SPREAD CAL	HK	4,788	7,180	-33.3%	4,753	0.7%
NY H OIL PLATTS VS NYMEX	YH	0	0	-	0	-
NYISO A	KA	0	0	-	0	-
NYISO A OFF-PEAK	KB	0	0	-	0	-
NYISO CAPACITY	LHV	327	333	-1.8%	314	4.1%
NYISO CAPACITY	NNC	630	1,198	-47.4%	678	-7.1%
NYISO CAPACITY	NRS	1,045	1,583	-34.0%	1,250	-16.4%
NYISO G	KG	0	0	-	0	-
NYISO G OFF-PEAK	KH	0	0	-	0	-
NYISO J	KJ	0	931	-100.0%	0	-
NYISO J OFF-PEAK	KK	0	180	-100.0%	0	-
NYISO ZONE A 5MW D AH O P	K4	31,774	122,910	-74.1%	37,038	-14.2%
NYISO ZONE A 5MW D AH PK	K3	4,554	9,530	-52.2%	4,968	-8.3%
NYISO ZONE C 5MW D AH O P	A3	0	0	-	0	-
NYISO ZONE C 5MW D AH PK	Q5	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	639,262	502,461	27.2%	660,694	-3.2%
NYISO ZONE G 5MW D AH PK	T3	28,260	24,626	14.8%	30,261	-6.6%
NYISO ZONE J 5MW D AH O P	D4	194,441	279,421	-30.4%	203,841	-4.6%
NYISO ZONE J 5MW D AH PK	D3	13,901	15,254	-8.9%	14,821	-6.2%
NY JET FUEL (PLATTS) HEAT OIL SWAP	1U	0	0	-	0	-
NYMEX ALUMINUM FUTURES	AN	612	680	-10.0%	576	6.2%
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	316	1,207	-73.8%	272	16.2%
ONEOK OKLAHOMA NG BASIS	8X	306	1,011	-69.7%	368	-16.8%
ONTARIO POWER SWAPS	OFD	0	960	-100.0%	0	-
ONTARIO POWER SWAPS	OFM	0	19,770	-100.0%	0	-
ONTARIO POWER SWAPS	OPD	0	55	-100.0%	0	-
ONTARIO POWER SWAPS	OPM	0	530	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	PH	8,418	24,856	-66.1%	9,171	-8.2%
PANHANDLE INDEX SWAP FUTU	IV	0	0	-	0	-
PANHANDLE PIPE SWAP	XH	985	792	24.4%	1,182	-16.7%
PERMIAN BASIS SWAP	PM	6,588	14,114	-53.3%	7,022	-6.2%
PETROCHEMICALS	22	138	38	263.2%	72	91.7%
PETROCHEMICALS	32	61	62	-1.6%	76	-19.7%
PETROCHEMICALS	51	3	0	-	23	-87.0%
PETROCHEMICALS	8I	6,040	3,831	57.7%	5,962	1.3%
PETROCHEMICALS	91	649	492	31.9%	694	-6.5%
PETROCHEMICALS	HPE	0	0	-	0	-
PETROCHEMICALS	JKM	2,660	0	-	2,080	27.9%
PETROCHEMICALS	LPE	0	0	-	0	-
PETROCHEMICALS	MAA	0	0	-	0	-
PETROCHEMICALS	MAC	0	0	-	0	-
PETROCHEMICALS	MAE	368	50	636.0%	320	15.0%
PETROCHEMICALS	MAS	176	30	486.7%	146	20.5%
PETROCHEMICALS	MBE	795	1,210	-34.3%	830	-4.2%
PETROCHEMICALS	MNB	4,310	3,142	37.2%	4,296	0.3%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG	
Energy Futures						
PETROCHEMICALS	MPS	320	0	-	330	-3.0%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	32	-100.0%	0	-
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	100	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	886	1,310	-32.4%	1,001	-11.5%
PETRO CRCKS & SPRDS NA	CRB	5,380	293	1,736.2%	4,980	8.0%
PETRO CRCKS & SPRDS NA	EXR	3,706	1,761	110.4%	3,986	-7.0%
PETRO CRCKS & SPRDS NA	FOC	550	1,978	-72.2%	575	-4.3%
PETRO CRCKS & SPRDS NA	GBB	1,520	985	54.3%	1,295	17.4%
PETRO CRCKS & SPRDS NA	GCC	390	0	-	565	-31.0%
PETRO CRCKS & SPRDS NA	GCI	3,233	3,871	-16.5%	2,602	24.3%
PETRO CRCKS & SPRDS NA	GCM	21	42	-50.0%	21	0.0%
PETRO CRCKS & SPRDS NA	GCU	31,705	18,140	74.8%	38,670	-18.0%
PETRO CRCKS & SPRDS NA	GFC	15	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	5,570	17,297	-67.8%	6,321	-11.9%
PETRO CRCKS & SPRDS NA	KSD	0	75	-100.0%	0	-
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	0	525	-100.0%	0	-
PETRO CRCKS & SPRDS NA	NYH	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	14,503	14,749	-1.7%	16,281	-10.9%
PETRO CRCKS & SPRDS NA	RVG	22,099	15,770	40.1%	28,516	-22.5%
PETRO CRCKS & SPRDS NA	SF3	45	9	400.0%	75	-40.0%
PETRO CRK&SPRD EURO	1NB	3,804	2,931	29.8%	4,252	-10.5%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	410	224	83.0%	354	15.8%
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-
PETRO CRK&SPRD EURO	BOB	4,603	5,036	-8.6%	4,802	-4.1%
PETRO CRK&SPRD EURO	EGB	0	0	-	0	-
PETRO CRK&SPRD EURO	EGN	0	18	-100.0%	0	-
PETRO CRK&SPRD EURO	EOB	70	39	79.5%	93	-24.7%
PETRO CRK&SPRD EURO	EPN	1,449	607	138.7%	1,460	-0.8%
PETRO CRK&SPRD EURO	EVC	6,280	6,011	4.5%	7,049	-10.9%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-
PETRO CRK&SPRD EURO	FVB	30	0	-	30	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	-	150	-100.0%
PETRO CRK&SPRD EURO	GOC	24	78	-69.2%	39	-38.5%
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-
PETRO CRK&SPRD EURO	MUD	154	299	-48.5%	169	-8.9%
PETRO CRK&SPRD EURO	NBB	10	5	100.0%	20	-50.0%
PETRO CRK&SPRD EURO	NOB	2,195	1,416	55.0%	1,958	12.1%
PETRO CRK&SPRD EURO	SFB	15	0	-	80	-81.3%
PETROLEUM PRODUCTS	D46	0	0	-	0	-
PETROLEUM PRODUCTS	EWB	0	0	-	0	-
PETROLEUM PRODUCTS	EWG	4,794	3,326	44.1%	7,691	-37.7%
PETROLEUM PRODUCTS	MBS	0	0	-	0	-
PETROLEUM PRODUCTS	MGS	0	0	-	0	-
PETROLEUM PRODUCTS	MHE	0	0	-	0	-
PETROLEUM PRODUCTS	MME	0	0	-	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	VU	66	233	-71.7%	75	-12.0%
PETROLEUM PRODUCTS ASIA	E6M	130	30	333.3%	20	550.0%
PETROLEUM PRODUCTS ASIA	MJN	2,336	2,398	-2.6%	2,529	-7.6%

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 Open Interest Report - Monthly

Commodity	Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Energy Futures					
PETROLEUM PRODUCTS ASIA	0	0	-	0	-
PETRO OUTFRIGHT EURO	34	105	-67.6%	14	142.9%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	5,059	6,814	-25.8%	5,569	-9.2%
PETRO OUTFRIGHT EURO	25	265	-90.6%	10	150.0%
PETRO OUTFRIGHT EURO	936	1,747	-46.4%	1,221	-23.3%
PETRO OUTFRIGHT EURO	24	48	-50.0%	24	0.0%
PETRO OUTFRIGHT EURO	0	72	-100.0%	0	-
PETRO OUTFRIGHT EURO	10	0	-	70	-85.7%
PETRO OUTFRIGHT EURO	25	35	-28.6%	35	-28.6%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	120	203	-40.9%	0	-
PETRO OUTFRIGHT EURO	230	311	-26.0%	153	50.3%
PETRO OUTFRIGHT EURO	0	5	-100.0%	10	-100.0%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	10	44	-77.3%	16	-37.5%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	59	-100.0%	0	-
PETRO OUTFRIGHT EURO	120	85	41.2%	150	-20.0%
PETRO OUTFRIGHT EURO	0	63	-100.0%	0	-
PETRO OUTFRIGHT EURO	1,292	1,108	16.6%	1,229	5.1%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	10	100	-90.0%	0	-
PETRO OUTFRIGHT EURO	4,307	3,711	16.1%	4,727	-8.9%
PETRO OUTFRIGHT EURO	78	0	-	128	-39.1%
PETRO OUTFRIGHT EURO	63	463	-86.4%	70	-10.0%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	480	150	220.0%	480	0.0%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT NA	38	496	-92.3%	0	-
PETRO OUTFRIGHT NA	0	0	-	0	-
PETRO OUTFRIGHT NA	0	0	-	0	-
PETRO OUTFRIGHT NA	0	0	-	0	-
PETRO OUTFRIGHT NA	180	420	-57.1%	215	-16.3%
PETRO OUTFRIGHT NA	2,450	3,369	-27.3%	2,275	7.7%
PETRO OUTFRIGHT NA	625	550	13.6%	625	0.0%
PETRO OUTFRIGHT NA	34	128	-73.4%	36	-5.6%
PETRO OUTFRIGHT NA	444	290	53.1%	785	-43.4%
PETRO OUTFRIGHT NA	4,913	6,156	-20.2%	5,142	-4.5%
PETRO OUTFRIGHT NA	35	74	-52.7%	70	-50.0%
PETRO OUTFRIGHT NA	64	95	-32.6%	74	-13.5%
PETRO OUTFRIGHT NA	0	0	-	0	-
PETRO OUTFRIGHT NA	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	259,162	537,818	-51.8%	271,402	-4.5%
PJM AD HUB 5MW REAL TIME	21,844	28,771	-24.1%	17,565	24.4%
PJM AECO DA OFF-PEAK	0	0	-	0	-
PJM AECO DA PEAK	0	0	-	0	-
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-
PJM APS ZONE DA PEAK	0	0	-	0	-
PJM ATSI ELEC	0	67,130	-100.0%	0	-
PJM ATSI ELEC	0	3,590	-100.0%	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 Open Interest Report - Monthly

Commodity		Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Energy Futures						
PJM BGE DA OFF-PEAK	R3	4,770	30,920	-84.6%	5,538	-13.9%
PJM BGE DA PEAK	E3	254	1,675	-84.8%	296	-14.2%
PJM COMED 5MW D AH O PK	D9	11,925	35,405	-66.3%	13,845	-13.9%
PJM COMED 5MW D AH PK	D8	635	1,905	-66.7%	740	-14.2%
PJM DAILY	JD	990	946	4.7%	728	36.0%
PJM DAYTON DA OFF-PEAK	R7	82,928	172,428	-51.9%	85,936	-3.5%
PJM DAYTON DA PEAK	D7	7,195	13,743	-47.6%	7,770	-7.4%
PJM JCPL DA OFF-PEAK	F2	0	0	-	0	-
PJM JCPL DA PEAK	J2	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	B3	19,364	46,126	-58.0%	21,233	-8.8%
PJM NI HUB 5MW REAL TIME	B6	353,838	1,147,848	-69.2%	408,510	-13.4%
PJM NILL DA OFF-PEAK	L3	233,974	1,012,349	-76.9%	251,646	-7.0%
PJM NILL DA PEAK	N3	14,491	48,012	-69.8%	15,756	-8.0%
PJM OFF-PEAK LMP SWAP FUT	JP	244	748	-67.4%	286	-14.7%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	-	0	-
PJM PPL DA OFF-PEAK	F5	0	0	-	0	-
PJM PPL DA PEAK	L5	0	0	-	0	-
PJM PSEG DA OFF-PEAK	W6	21,480	109,640	-80.4%	23,400	-8.2%
PJM PSEG DA PEAK	L6	0	4,660	-100.0%	0	-
PJM WES HUB PEAK LMP 50 M	4S	0	0	-	0	-
PJM WESTH DA OFF-PEAK	E4	273,371	629,502	-56.6%	291,043	-6.1%
PJM WESTHDA PEAK	J4	14,695	35,248	-58.3%	15,776	-6.9%
PJM WESTH RT OFF-PEAK	N9	1,345,230	2,506,248	-46.3%	1,447,230	-7.0%
PJM WESTH RT PEAK	L1	87,111	141,417	-38.4%	97,198	-10.4%
PLASTICS	PGP	715	1,392	-48.6%	722	-1.0%
PREMIUM UNLD 10P FOB MED	3G	426	67	535.8%	450	-5.3%
PREMIUM UNLEAD 10PPM FOB	8G	31	32	-3.1%	75	-58.7%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	30	0	-	54	-44.4%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	473	100	373.0%	525	-9.9%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	52,624	23,482	124.1%	51,360	2.5%
RBOB CALENDAR SWAP	RL	18,636	12,558	48.4%	14,413	29.3%
RBOB CRACK SPREAD	RM	6,399	1,610	297.5%	6,599	-3.0%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	374	785	-52.4%	1,005	-62.8%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB (PLATTS) CAL SWAP	RY	0	0	-	0	-
RBOB SPREAD (PLATTS) SWAP	RI	0	16	-100.0%	0	-
RBOB UP-DOWN CALENDAR SWA	RV	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	930	3,684	-74.8%	1,240	-25.0%
ROCKIES KERN OPAL - NW IN	IR	0	0	-	0	-
SAN JUAN BASIS SWAP	NJ	12,945	26,340	-50.9%	13,972	-7.4%
SAN JUAN PIPE SWAP	XX	360	0	-	360	0.0%
SINGAPORE 180CST BALMO	BS	45	50	-10.0%	40	12.5%
SINGAPORE 380CST BALMO	BT	323	146	121.2%	200	61.5%
SINGAPORE 380CST FUEL OIL	SE	12,908	11,217	15.1%	13,574	-4.9%
SINGAPORE FUEL 180CST CAL	UA	1,213	1,801	-32.6%	1,592	-23.8%
SINGAPORE FUEL OIL SPREAD	SD	1,229	1,516	-18.9%	1,452	-15.4%
SINGAPORE GASOIL	MTB	46	270	-83.0%	15	206.7%
SINGAPORE GASOIL	MTS	7,418	9,927	-25.3%	7,658	-3.1%
SINGAPORE GASOIL	STL	0	0	-	0	-
SINGAPORE GASOIL	STZ	2,550	700	264.3%	2,975	-14.3%
SINGAPORE GASOIL CALENDAR	GDH	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 Open Interest Report - Monthly

Commodity		Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Energy Futures						
SINGAPORE GASOIL CALENDAR	GDL	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	30	312	-90.4%	120	-75.0%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	-
SINGAPORE GASOIL SWAP	SG	7,910	18,477	-57.2%	7,785	1.6%
SINGAPORE GASOIL VS ICE	GA	45,861	15,594	194.1%	45,890	-0.1%
SINGAPORE JET KERO BALMO	BX	0	100	-100.0%	50	-100.0%
SINGAPORE JET KERO GASOIL	RK	11,710	5,515	112.3%	10,640	10.1%
SINGAPORE JET KEROSENE SW	KS	2,520	3,568	-29.4%	2,795	-9.8%
SINGAPORE JET KERO VS. GASOIL BALMO	ZO	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	570	57	900.0%	200	185.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	15,107	11,269	34.1%	16,192	-6.7%
SINGAPORE NAPHTHA BALMO	KU	0	0	-	0	-
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-
SING FUEL	MSD	15	0	-	15	0.0%
SOCAL PIPE SWAP	XN	0	0	-	0	-
SONAT BASIS SWAP FUTURE	SZ	0	306	-100.0%	0	-
SOUTHERN NAT LA NAT GAS	M8	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	50	200	-75.0%	60	-16.7%
Sumas Basis Swap	NK	3,860	8,299	-53.5%	4,139	-6.7%
SUMAS NAT GAS PLATTS FIXED PRICE	DVS	0	306	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	180	0	-	247	-27.1%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	-	25	-100.0%
TCO BASIS SWAP	TC	6,157	19,818	-68.9%	6,591	-6.6%
TCO NG INDEX SWAP	Q1	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	3,250	0	-	2,849	14.1%
TENN 800 LEG NAT GAS INDE	L4	0	0	-	0	-
TENNESSEE 500 LEG BASIS S	NM	0	184	-100.0%	0	-
TENNESSEE 800 LEG NG BASI	6Z	0	184	-100.0%	0	-
TENNESSEE ZONE 0 BASIS SW	NQ	0	788	-100.0%	0	-
TETCO M-3 INDEX	IX	0	3,444	-100.0%	0	-
Tetco STX Basis	TX	306	1,189	-74.3%	368	-16.8%
TEXAS EASTERN ZONE M-3 BA	NX	3,833	13,030	-70.6%	4,143	-7.5%
TEXAS GAS ZONE1 NG BASIS	9F	2,404	9,176	-73.8%	2,888	-16.8%
Transco Zone 3 Basis	CZ	1,377	5,270	-73.9%	1,656	-16.8%
TRANSCO ZONE 3 NG INDEX S	Y6	0	4,182	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	TR	5,039	15,535	-67.6%	5,442	-7.4%
TRANSCO ZONE 4 NAT GAS IN	B2	0	0	-	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	1,130	5,073	-77.7%	1,409	-19.8%
TRANSCO ZONE 6 INDEX	IT	0	984	-100.0%	0	-
UCM FUT	UCM	10	174	-94.3%	0	-
ULSD 10PPM CIF MED BALMO	X7	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	Z6	0	0	-	0	-
ULSD 10PPM CIF MED VS ICE	Z7	0	60	-100.0%	8	-100.0%
ULSD 10PPM CIF NW BALMO S	B1	0	6	-100.0%	0	-
ULSD 10PPM CIF VS ICE GAS	7V	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	3,980	2,525	57.6%	4,390	-9.3%
UP DOWN GC ULSD VS NMX HO	LT	38,816	52,234	-25.7%	43,493	-10.8%
USGC UNL 87 CRACK SPREAD	RU	0	0	-	0	-
WAHA BASIS	NW	3,950	7,779	-49.2%	4,271	-7.5%
WAHA INDEX SWAP FUTURE	IY	0	0	-	0	-
WESTERN RAIL DELIVERY PRB	QP	175	525	-66.7%	290	-39.7%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Energy Futures					
WTI-BRENT BULLET SWAP	6,704	904	641.6%	7,054	-5.0%
WTI-BRENT CALENDAR SWAP	122,393	39,124	212.8%	129,674	-5.6%
WTI CALENDAR	177,213	122,858	44.2%	178,756	-0.9%
WTS (ARGUS) VS WTI SWAP	59,822	49,383	21.1%	58,863	1.6%
WTS (ARGUS) VS WTI TRD MT	4,608	2,084	121.1%	3,528	30.6%
Energy Options					
12 MO GASOIL CAL SWAP SPR	0	230	-100.0%	0	-
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-
BRENT 1 MONTH CAL	0	0	-	1,000	-100.0%
BRENT CALENDAR SWAP	6,460	10,460	-38.2%	6,191	4.3%
BRENT CRUDE OIL 12 M CSO	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	118,556	0	-	157,658	-24.8%
BRENT CRUDE OIL 6 M CSO	0	0	-	0	-
BRENT OIL LAST DAY	107,197	9,514	1,026.7%	104,533	2.5%
BRENT OIL LAST DAY	169,772	56,706	199.4%	200,573	-15.4%
BRENT OIL LAST DAY	1,122	21,324	-94.7%	1,122	0.0%
COAL API2 INDEX	3,215	5,443	-40.9%	2,935	9.5%
COAL API2 INDEX	1,660	20	8,200.0%	1,610	3.1%
COAL API2 INDEX	0	0	-	0	-
COAL API4 INDEX	25	0	-	25	0.0%
COAL API4 INDEX	0	0	-	0	-
COAL SWAP	10	0	-	10	0.0%
COAL SWAP	125	335	-62.7%	125	0.0%
CRUDE OIL 1MO	442,700	665,923	-33.5%	470,050	-5.8%
CRUDE OIL APO	416,857	293,611	42.0%	454,774	-8.3%
CRUDE OIL CALNDR STRIP	170	0	-	170	0.0%
CRUDE OIL OUTRIGHTS	0	150	-100.0%	50	-100.0%
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	2,680	0	-	3,350	-20.0%
CRUDE OIL PHY	0	0	-	0	-
CRUDE OIL PHY	40,457	57,096	-29.1%	42,705	-5.3%
CRUDE OIL PHY	2,979,076	2,996,573	-0.6%	2,894,816	2.9%
CRUDE OIL PHY	4,989	4,637	7.6%	2,917	71.0%
CRUDE OIL PHY	826	766	7.8%	425	94.4%
CRUDE OIL PHY	1,133	15	7,453.3%	251	351.4%
CRUDE OIL PHY	0	10	-100.0%	0	-
CRUDE OIL PHY	0	0	-	0	0.0%
ELEC FINSETTLED	0	0	-	0	-
ELEC MISO PEAK	0	0	-	0	-
ETHANOL	0	0	-	0	-
ETHANOL	150	300	-50.0%	150	0.0%
ETHANOL SWAP	11,133	10,346	7.6%	14,379	-22.6%
ETHANOL SWAP	2,496	2,204	13.2%	2,606	-4.2%
EURO-DENOMINATED PETRO PROD	0	0	-	0	-
EUROPEAN JET KEROSENE NWE (PLATTS) AVG PRC	0	0	-	0	-
GASOLINE	0	0	-	0	-
HEATING OIL CRACK OPTIONS	0	100	-100.0%	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	0	0	-	0	-
HEATING OIL PHY	400	1,040	-61.5%	440	-9.1%
HEATING OIL PHY	42,576	57,014	-25.3%	40,131	6.1%
HENRY HUB FINANCIAL LAST	5,578	8,706	-35.9%	5,406	3.2%
HO 1 MONTH CLNDR OPTIONS	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 Open Interest Report - Monthly

Commodity		Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Energy Options						
HUSTN SHIP CHNL PIPE SWP	PK	0	0	-	0	-
LLS CRUDE OIL	WJO	1,500	7,375	-79.7%	1,800	-16.7%
LLS CRUDE OIL	YVO	0	0	-	0	-
MCCLOSKY ARA ARGV COAL	MTO	225	1,305	-82.8%	375	-40.0%
MCCLOSKY RCH BAY COAL	MFO	430	0	-	1,150	-62.6%
NATURAL GAS	G10	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	22,570	126,875	-82.2%	14,991	50.6%
NATURAL GAS 2 M CSO FIN	G2	0	2,150	-100.0%	1,000	-100.0%
NATURAL GAS 3 M CSO FIN	G3	40,720	40,600	0.3%	39,170	4.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	G6	5,550	2,950	88.1%	5,000	11.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	12,686	8,238	54.0%	12,486	1.6%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	1,678,716	2,209,555	-24.0%	1,673,331	0.3%
NATURAL GAS PHY	ON	97,746	100,057	-2.3%	87,727	11.4%
NATURAL GAS PHY	ON1	0	0	-	0	-
NG HH 3 MONTH CAL	IC	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	2,278	5,580	-59.2%	2,166	5.2%
NY HARBOR HEAT OIL SWP	AT	15,711	25,577	-38.6%	17,827	-11.9%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	5,880	-100.0%	0	-
NYMEX EUROPEAN GASOIL APO	F7	0	0	-	0	-
NYMEX EUROPEAN GASOIL OPT	F8	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	2,400	2,640	-9.1%	2,880	-16.7%
PETROCHEMICALS	4H	2,788	2,781	0.3%	2,413	15.5%
PETROCHEMICALS	4J	1,410	3,135	-55.0%	1,420	-0.7%
PETROCHEMICALS	4K	1,050	200	425.0%	100	950.0%
PETROCHEMICALS	CPR	0	18	-100.0%	0	-
PETRO OUTRIGHT EURO	8H	0	300	-100.0%	0	-
PETRO OUTRIGHT NA	DAP	36	0	-	42	-14.3%
PJM MONTHLY	JO	0	0	-	0	-
PJM WES HUB PEAK CAL MTH	6OA	1,780	3,180	-44.0%	1,780	0.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	6,803	15,958	-57.4%	8,298	-18.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	1,908	-100.0%	0	-
RBOB CALENDAR SWAP	RA	525	1,539	-65.9%	525	0.0%
RBOB PHY	OB	10,790	26,763	-59.7%	10,712	0.7%
RBOB PHY	RF	125	25	400.0%	125	0.0%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	240	-100.0%	0	-
SAN JUAN PIPE SWAP	PJ	2,198	4,640	-52.6%	1,974	11.3%
SHORT TERM	U11	0	0	-	0	-
SHORT TERM	U12	0	0	-	0	-
SHORT TERM	U13	0	0	-	0	-
SHORT TERM	U14	0	0	-	0	-
SHORT TERM	U15	0	0	-	0	-
SHORT TERM	U22	0	0	-	0	-
SHORT TERM	U23	0	0	-	0	-
SHORT TERM	U24	0	0	-	0	-
SHORT TERM	U25	0	0	-	0	-
SHORT TERM	U26	0	0	-	0	-
SHORT TERM NATURAL GAS	U01	0	250	-100.0%	0	-
SHORT TERM NATURAL GAS	U02	0	0	-	270	-100.0%
SHORT TERM NATURAL GAS	U03	0	0	-	0	-
SHORT TERM NATURAL GAS	U04	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 Open Interest Report - Monthly

Commodity	Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG	
Energy Options						
SHORT TERM NATURAL GAS	U05	0	0	-	0	-
SHORT TERM NATURAL GAS	U06	0	0	-	0	-
SHORT TERM NATURAL GAS	U07	0	0	-	0	-
SHORT TERM NATURAL GAS	U08	0	0	-	0	-
SHORT TERM NATURAL GAS	U09	0	0	-	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-
SHORT TERM NATURAL GAS	U16	0	0	-	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-
SHORT TERM NATURAL GAS	U18	0	0	-	0	-
SHORT TERM NATURAL GAS	U19	0	0	-	0	-
SHORT TERM NATURAL GAS	U20	0	0	-	0	-
SHORT TERM NATURAL GAS	U21	0	0	-	0	-
SHORT TERM NATURAL GAS	U27	0	0	-	0	-
SHORT TERM NATURAL GAS	U28	0	0	-	0	-
SHORT TERM NATURAL GAS	U29	0	0	-	0	0.0%
SHORT TERM NATURAL GAS	U30	0	0	-	0	-
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	-
SINGAPORE GASOIL CALENDAR	M2	0	150	-100.0%	0	-
SINGAPORE JET FUEL CALEND	N2	0	240	-100.0%	0	-
SOCAL PIPE SWAP	ZN	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	198,561	141,670	40.2%	225,934	-12.1%
WTI CRUDE OIL 1 M CSO FI	7A	136,550	310,718	-56.1%	153,125	-10.8%
Metals Futures						
COMEX GOLD	GC	454,891	438,762	3.7%	478,221	-4.9%
NYMEX HOT ROLLED STEEL	HR	14,521	12,328	17.8%	12,457	16.6%
NYMEX PLATINUM	PL	82,168	72,357	13.6%	86,498	-5.0%
PALLADIUM	PA	22,231	34,726	-36.0%	22,049	0.8%
URANIUM	UX	2,965	4,412	-32.8%	2,690	10.2%
COMEX SILVER	SI	227,415	208,072	9.3%	209,485	8.6%
COMEX E-Mini GOLD	QO	2,676	512	422.7%	861	210.8%
COMEX E-Mini SILVER	QI	464	116	300.0%	298	55.7%
COMEX COPPER	HG	301,147	316,003	-4.7%	266,333	13.1%
COMEX MINY COPPER	QC	63	299	-78.9%	58	8.6%
ALUMINUM	A38	0	0	-	0	-
ALUMINUM	AEP	12,564	13,539	-7.2%	14,331	-12.3%
ALUMINUM	ALA	3,030	250	1,112.0%	2,770	9.4%
ALUMINUM	ALI	0	363	-100.0%	0	-
ALUMINUM	AUP	31,936	28,544	11.9%	32,087	-0.5%
ALUMINUM	CUP	60	0	-	80	-25.0%
ALUMINUM	EDP	10,528	7,556	39.3%	10,105	4.2%
ALUMINUM	MJP	8,556	6,720	27.3%	8,952	-4.4%
COPPER	HGS	12,244	767	1,496.3%	13,325	-8.1%
E-MICRO GOLD	MGC	9,074	4,502	101.6%	10,337	-12.2%
FERROUS PRODUCTS	BUS	2,606	250	942.4%	3,155	-17.4%
GOLD	GPS	0	0	-	0	-
Gold Kilo	GCK	0	10	-100.0%	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	480	5,652	-91.5%	600	-20.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	10,187	18,505	-45.0%	10,264	-0.8%
LNDN ZINC	ZNC	32	5	540.0%	28	14.3%
METALS	LED	0	0	-	0	-
SILVER	SIL	1,560	1,150	35.7%	1,537	1.5%

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 Open Interest Report - Monthly

Commodity	Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
Metals Options					
COMEX COPPER	23,551	5,177	354.9%	20,335	15.8%
COMEX GOLD	1,204,727	976,100	23.4%	1,190,505	1.2%
COMEX SILVER	202,544	115,501	75.4%	190,624	6.3%
COPPER	0	0	-	0	-
COPPER	0	0	-	0	-
COPPER	0	0	-	0	-
COPPER	0	0	-	0	-
GOLD	5,777	1,467	293.8%	3,830	50.8%
GOLD	1,379	627	119.9%	1,182	16.7%
GOLD	757	45	1,582.2%	208	263.9%
GOLD	21	0	0.0%	0	-
GOLD	0	0	-	0	0.0%
HOT ROLLED COIL STEEL CALL OPTION	500	0	-	600	-16.7%
IRON ORE 62 CHINA TSI CALL OPTION	1,412	8,301	-83.0%	1,650	-14.4%
IRON ORE 62 CHINA TSI PUT OPTION	580	4,950	-88.3%	640	-9.4%
NIKKEI 225 (YEN) STOCK	6	0	-	0	-
NYMEX PLATINUM	8,238	3,146	161.9%	5,816	41.6%
PALLADIUM	2,886	7,955	-63.7%	2,518	14.6%
SILVER	750	14	5,257.1%	405	85.2%
SILVER	68	0	-	84	-19.0%
SILVER	123	0	-	99	24.2%
SILVER	0	0	0.0%	0	-
SILVER	0	0	-	0	0.0%
TOTAL FUTURES GROUP					
Ag Products Futures	0	4	-100.0%	58	-100.0%
Energy Futures	13,779,594	18,283,873	-24.6%	14,254,884	-3.3%
Metals Futures	1,211,398	1,175,400	3.1%	1,186,521	2.1%
TOTAL FUTURES	14,990,992	19,459,277	-23.0%	15,441,463	-2.9%
TOTAL OPTIONS GROUP					
Energy Options	6,602,511	7,255,020	-9.0%	6,675,023	-1.1%
Metals Options	1,453,319	1,123,283	29.4%	1,418,496	2.5%
TOTAL OPTIONS	8,055,830	8,378,303	-3.8%	8,093,519	-0.5%

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 Open Interest Report - Monthly

Commodity	Open Interest JUL 2018	Open Interest JUL 2017	% CHG	Open Interest JUN 2018	% CHG
TOTAL COMBINED					
Ag Products	0	4	-100.0%	58	-100.0%
Energy	20,382,105	25,538,893	-20.2%	20,929,907	-2.6%
Metals	2,664,717	2,298,683	15.9%	2,605,017	2.3%
GRAND TOTAL	23,046,822	27,837,580	-17.2%	23,534,982	-2.1%