



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JUN 2020	Open Interest JUN 2019	% CHG	Open Interest MAY 2020	% CHG	
Ag Products Futures						
COCOA TAS	CJ	0	0	-	0	-
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	4	-100.0%	0	-
SUGAR 11	YO	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	2,008,618	2,020,929	-0.6%	2,142,743	-6.3%
CRUDE OIL	WS	38	286	-86.7%	40	-5.0%
MINY WTI CRUDE OIL	QM	4,489	6,046	-25.8%	5,330	-15.8%
BRENT OIL LAST DAY	BZ	230,325	246,199	-6.4%	221,036	4.2%
HEATING OIL PHY	HO	366,923	378,052	-2.9%	386,917	-5.2%
HTG OIL	BH	146	137	6.6%	108	35.2%
MINY HTG OIL	QH	0	1	-100.0%	1	-100.0%
RBOB PHY	RB	352,694	367,751	-4.1%	367,236	-4.0%
MINY RBOB GAS	QU	2	1	100.0%	2	0.0%
NATURAL GAS	HP	121,829	84,593	44.0%	124,477	-2.1%
LTD NAT GAS	HH	290,880	356,608	-18.4%	285,888	1.7%
MINY NATURAL GAS	QG	3,034	4,262	-28.8%	3,559	-14.8%
PJM MONTHLY	JM	0	280	-100.0%	0	-
NATURAL GAS PHY	NG	1,316,452	1,291,955	1.9%	1,299,379	1.3%
RBOB GAS	RT	107	100	7.0%	102	4.9%
3.5% FUEL OIL CID MED SWA	7D	0	92	-100.0%	0	-
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-
AEP-DAYTON HUB DAILY	VD	84	38	121.1%	84	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	-	0	-
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	-	0	-
ALGONQUIN CITYGATES BASIS	B4	0	0	-	0	-
ANR OKLAHOMA	NE	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	10,703	27,008	-60.4%	8,422	27.1%
ARGUS PROPAN FAR EST INDE	7E	4,284	5,390	-20.5%	4,427	-3.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,095	1,596	31.3%	1,985	5.5%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	0	28	-100.0%	0	-
BRENT BALMO SWAP	J9	250	200	25.0%	0	-
BRENT CALENDAR SWAP	CY	17,571	30,013	-41.5%	18,739	-6.2%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	0	158	-100.0%	0	-
BRENT FINANCIAL FUTURES	MBC	35	82	-57.3%	40	-12.5%
BRENT FINANCIAL FUTURES	MDB	130	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%
CANADIAN LIGHT SWEET OIL	CIL	0	0	-	0	-
CENTERPOINT BASIS SWAP	PW	0	577	-100.0%	0	-
CHICAGO ETHANOL SWAP	CU	35,412	50,653	-30.1%	33,053	7.1%
CHICAGO ULSD PL VS HO SPR	5C	3,462	3,409	1.6%	3,390	2.1%
CHICAGO UNL GAS PL VS RBO	3C	425	466	-8.8%	580	-26.7%
CIG BASIS	CI	0	3,360	-100.0%	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-
CIN HUB 5MW D AH O PK	K2	0	0	-	0	-
CIN HUB 5MW D AH PK	H5	86	816	-89.5%	23	273.9%



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Energy Futures						
CIN HUB 5MW REAL TIME O P	H4	16,464	91,904	-82.1%	19,040	-13.5%
CIN HUB 5MW REAL TIME PK	H3	903	10,119	-91.1%	1,057	-14.6%
COAL SWAP	ACM	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	133	900	-85.2%	156	-14.7%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	1,306	1,135	15.1%	1,417	-7.8%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,474	1,447	1.9%	863	70.8%
CONWAY PROPANE 5 DECIMALS SWAP	8K	24,792	25,455	-2.6%	24,258	2.2%
CRUDE OIL	LPS	7,000	19,875	-64.8%	8,400	-16.7%
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	2,308	414	457.5%	1,502	53.7%
CRUDE OIL OUTRIGHTS	CC5	1,088	1,280	-15.0%	908	19.8%
CRUDE OIL OUTRIGHTS	CPD	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	0	2,705	-100.0%	0	-
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	-
CRUDE OIL OUTRIGHTS	DBL	0	400	-100.0%	0	-
CRUDE OIL OUTRIGHTS	GSW	0	184	-100.0%	0	-
CRUDE OIL OUTRIGHTS	HTT	171,971	149,066	15.4%	179,215	-4.0%
CRUDE OIL OUTRIGHTS	LSW	1,470	1,647	-10.7%	1,726	-14.8%
CRUDE OIL OUTRIGHTS	SSW	0	0	-	0	-
CRUDE OIL OUTRIGHTS	UMD	0	0	-	0	-
CRUDE OIL OUTRIGHTS	UNS	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCC	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCW	5,227	13,035	-59.9%	4,394	19.0%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	484	3,659	-86.8%	309	56.6%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	600	0	-	270	122.2%
CRUDE OIL SPRDS	HIL	1,946	720	170.3%	2,135	-8.9%
CRUDE OIL SPRDS	WTT	111,339	125,596	-11.4%	116,484	-4.4%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	1,440	3,168	-54.5%	2,520	-42.9%
DAILY PJM	IDO	16,240	16,064	1.1%	18,480	-12.1%
DAILY PJM	NOC	480	2,736	-82.5%	840	-42.9%
DAILY PJM	PAP	280	270	3.7%	270	3.7%
DAILY PJM	PEO	4,640	2,640	75.8%	5,280	-12.1%
DAILY PJM	PNO	0	17,952	-100.0%	0	-
DAILY PJM	PNP	0	1,053	-100.0%	0	-
DAILY PJM	PWO	928	16,896	-94.5%	4,256	-78.2%
DAILY PJM	PWP	56	864	-93.5%	154	-63.6%
DAILY PJM	WOR	2,400	8,928	-73.1%	6,384	-62.4%
DAILY PJM	ZAO	928	1,056	-12.1%	1,056	-12.1%
DAILY PJM	ZGO	26,448	27,984	-5.5%	30,096	-12.1%
DAILY PJM	ZJO	1,392	15,840	-91.2%	1,584	-12.1%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	350	1,690	-79.3%	400	-12.5%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	1,230	6,822	-82.0%	1,410	-12.8%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	2,085	4,955	-57.9%	3,825	-45.5%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	31,740	3,000	958.0%	29,568	7.3%
EASTERN RAIL DELIVERY CSX	QX	0	0	-	0	-
EAST/WEST FUEL OIL SPREAD	EW	7	41	-82.9%	8	-12.5%

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Energy Futures						
EIA FLAT TAX ONHWAY DIESE	A5	3,214	1,750	83.7%	3,294	-2.4%
ELEC ERCOT DLY OFF PK	I4	0	0	-	0	-
ELEC ERCOT DLY PEAK	I3	0	0	-	0	-
ELEC ERCOT DLY PEAK	I7	0	0	-	0	-
ELEC ERCOT OFF PEAK	I2	0	0	-	0	-
ELEC FINSETTLED	47	302	810	-62.7%	342	-11.7%
ELEC MISO PEAK	4L	0	0	-	0	-
ELEC MISO PEAK	55	0	0	-	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-
ELEC NYISO OFF-PEAK	58	0	0	-	0	-
ELECTRICITY OFF PEAK	46	5,442	14,882	-63.4%	6,290	-13.5%
ELECTRICITY OFF PEAK	4P	0	55,380	-100.0%	0	-
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	0	-	0	-
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	-	0	-
ETHANOL	MTH	0	0	-	0	-
ETHANOL	Z1B	0	0	-	0	-
ETHANOL SWAP	MT2	599	395	51.6%	506	18.4%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,133	4,530	13.3%	5,617	-8.6%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	0	6	-100.0%	30	-100.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	65	-100.0%	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	25	0	-	50	-50.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	391	-100.0%	0	-
EUROPE 1% FUEL OIL RDAM C	UH	0	3	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	92	-100.0%	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	1,542	5,860	-73.7%	1,714	-10.0%
EUROPEAN GASOIL (ICE)	7F	133	35	280.0%	139	-4.3%
EUROPEAN NAPHTHA BALMO	KZ	10	133	-92.5%	23	-56.5%
EUROPEAN NAPHTHA CRACK SPR	EN	4,226	11,024	-61.7%	5,131	-17.6%
EUROPE DATED BRENT SWAP	UB	35	985	-96.4%	0	-
EUROPE JET KERO NWE CALSW	UJ	0	23	-100.0%	0	-
EUROPE NAPHTHA CALSWAP	UN	846	2,705	-68.7%	934	-9.4%
EURO PROPANE CIF ARA SWA	PS	2,422	2,129	13.8%	2,412	0.4%
FREIGHT MARKETS	ACB	565	0	-	680	-16.9%
FREIGHT MARKETS	BF1	0	0	-	0	-
FREIGHT MARKETS	BF2	225	0	-	320	-29.7%
FREIGHT MARKETS	BF3	0	0	-	0	-
FREIGHT MARKETS	FLP	978	772	26.7%	745	31.3%
FREIGHT MARKETS	FRC	70	510	-86.3%	80	-12.5%
FREIGHT MARKETS	FRS	0	70	-100.0%	0	-
FREIGHT MARKETS	T2D	1,468	1,965	-25.3%	873	68.2%
FREIGHT MARKETS	TC6	0	0	-	0	-
FREIGHT MARKETS	TD3	0	20	-100.0%	0	-
FREIGHT MARKETS	TD8	0	10	-100.0%	0	-
FREIGHT MARKETS	USC	30	0	-	60	-50.0%
FUEL OIL CRACK VS ICE	FO	4,153	8,409	-50.6%	4,627	-10.2%
FUEL OIL NWE CRACK VS ICE	FI	91	161	-43.5%	104	-12.5%
FUEL OIL (PLATS) CAR CM	1W	0	6	-100.0%	0	-
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	267	923	-71.1%	286	-6.6%

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Energy Futures						
GAS EURO-BOB OXY NWE BARGES	7H	3,206	5,555	-42.3%	3,378	-5.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	21,990	26,633	-17.4%	23,346	-5.8%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	5	-100.0%	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	0	11	-100.0%	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	50	53	-5.7%	55	-9.1%
GASOIL 10PPM VS ICE SWAP	TP	0	25	-100.0%	0	-
GASOIL CALENDAR SWAP	GX	75	50	50.0%	93	-19.4%
GASOIL CRACK SPREAD CALEN	GZ	5,510	12,072	-54.4%	6,532	-15.6%
GASOIL MINI CALENDAR SWAP	QA	1,108	647	71.3%	981	12.9%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	1,771	1,238	43.1%	1,888	-6.2%
GROUP THREE ULSD (PLATTS)	A7	0	33	-100.0%	0	-
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	9,821	10,013	-1.9%	10,655	-7.8%
GRP THREE UNL GS (PLT) VS	A8	3,805	3,701	2.8%	4,820	-21.1%
GULF COAST 3% FUEL OIL BA	VZ	136	324	-58.0%	0	-
GULF COAST JET FUEL CLNDR	GE	858	535	60.4%	936	-8.3%
GULF COAST JET VS NYM 2 H	ME	21,562	32,335	-33.3%	22,257	-3.1%
GULF COAST NO.6 FUEL OIL	MF	13,828	20,885	-33.8%	15,498	-10.8%
GULF COAST NO.6 FUEL OIL	MG	245	926	-73.5%	288	-14.9%
GULF COAST ULSD CALENDAR	LY	4,287	1,723	148.8%	4,263	0.6%
GULF COAST ULSD CRACK SPR	GY	540	430	25.6%	700	-22.9%
HEATING OIL BALMO CLNDR S	1G	150	480	-68.7%	45	233.3%
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	2,460	6,432	-61.8%	4,260	-42.3%
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	-
HENRY HUB FINANCIAL LAST	TTE	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	IN	5,244	11,472	-54.3%	6,112	-14.2%
HENRY HUB SWAP	NN	739,893	947,252	-21.9%	753,661	-1.8%
HOUSTON SHIP CHANNEL BASI	NH	4,217	8,983	-53.1%	4,487	-6.0%
ICE BRENT DUBAI SWAP	DB	21,252	42,420	-49.9%	24,581	-13.5%
IN DELIVERY MONTH EUA	6T	0	0	-	0	-
INDIANA MISO	FAD	0	0	-	0	-
INDIANA MISO	FTD	672	3,600	-81.3%	1,176	-42.9%
INDIANA MISO	PDD	58	540	-89.3%	68	-14.7%
INDIANA MISO	PTD	49	455	-89.2%	49	0.0%
INDONESIAN COAL ICI4	ICI	568	874	-35.0%	581	-2.2%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	-	0	-
ISO NEW ENGLAND PK LMP	NI	0	0	-	0	-
JAPAN C&F NAPHTHA CRACK S	JB	50	121	-58.7%	100	-50.0%
JAPAN C&F NAPHTHA SWAP	JA	308	1,539	-80.0%	289	6.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	3	-100.0%	0	-
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-
JET CIF NWE VS ICE	JC	35	243	-85.6%	40	-12.5%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	1,260	4,744	-73.4%	1,160	8.6%
JKM LNG Futures	JKM	4,225	5,462	-22.6%	3,597	17.5%
LA CARB DIESEL (OPIS) SWA	KL	703	82	757.3%	1,124	-37.5%
LA CARBOB GASOLINE(OPIS)S	JL	100	325	-69.2%	175	-42.9%
LA JET (OPIS) SWAP	JS	895	2,022	-55.7%	903	-0.9%
LLS (ARGUS) CALENDAR SWAP	XA	176	399	-55.9%	194	-9.3%
LLS (ARGUS) VS WTI SWAP	WJ	9,218	19,541	-52.8%	9,745	-5.4%



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LOS ANGELES CARB GASOLINE	MH	15	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	350	5,915	-94.1%	400	-12.5%
MARS (ARGUS) VS WTI TRD M	YV	21,554	25,877	-16.7%	16,448	31.0%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	21,117	22,983	-8.1%	21,060	0.3%
MCCLOSKEY RCH BAY COAL	MFF	2,015	3,867	-47.9%	2,494	-19.2%
MGF FUT	MGF	0	0	-	0	-
MGN1 SWAP FUT	MGN	225	410	-45.1%	300	-25.0%
MICHIGAN BASIS	NF	492	1,587	-69.0%	612	-19.6%
MICHIGAN MISO	HMO	0	0	-	0	-
MICHIGAN MISO	HMW	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	250	223	12.1%	0	-
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	152	560	-72.9%	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,209	5,462	-77.9%	826	46.4%
MJC FUT	MJC	35	240	-85.4%	40	-12.5%
MNC FUT	MNC	1,447	6,605	-78.1%	1,686	-14.2%
MONT BELVIEU ETHANE 5 DECIMAL	C0	53,404	39,543	35.1%	45,668	16.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	270	225	20.0%	50	440.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	139,767	136,034	2.7%	140,287	-0.4%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	806	2,957	-72.7%	1,218	-33.8%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	39,423	16,063	145.4%	39,840	-1.0%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	875	935	-6.4%	1,105	-20.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	60,064	53,667	11.9%	58,780	2.2%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,039	469	121.5%	709	46.5%
NAT GAS BASIS SWAP	TZ6	0	1,288	-100.0%	0	-
NATURAL GAS	XIC	0	0	-	0	-
NATURAL GAS PEN SWP	NP	186,766	136,716	36.6%	191,872	-2.7%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	-	0	-
NEPOOL CONECTIC 5MW D AH	P2	0	0	-	0	-
NEPOOL INTR HUB 5MW D AH	H2	235,563	353,617	-33.4%	248,723	-5.3%
NEPOOL INTR HUB 5MW D AH	U6	11,325	19,651	-42.4%	12,130	-6.6%
NEPOOL NE MASS 5MW D AH O	P8	0	8,307	-100.0%	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	444	-100.0%	0	-
NEPOOL RHD ISLD 5MW D AH	U4	0	0	-	0	-
NEPOOL RHODE IL 5MW D AH	U5	0	0	-	0	-
NEPOOL W CNT MASS 5MW D A	L9	0	0	-	0	-
NEPOOL W CNTR M 5MW D AH	R6	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	CE	1,190	1,232	-3.4%	1,155	3.0%
NEW YORK ETHANOL SWAP	EZ	1,764	1,486	18.7%	1,799	-1.9%
NEW YORK HUB ZONE G PEAK	GN	1,394	1,188	17.3%	1,353	3.0%
NEW YORK HUB ZONE J PEAK	JN	272	1,760	-84.5%	264	3.0%
NGPL MID-CONTINENT	NL	520	9,132	-94.3%	520	0.0%
NGPL TEX/OK	PD	120	13,702	-99.1%	120	0.0%
N ILLINOIS HUB DAILY	UD	10	98	-89.8%	10	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	125	-100.0%	0	-
NORTHEN NATURAL GAS DEMAR	PE	0	246	-100.0%	0	-
NORTHEN NATURAL GAS VENTU	PF	0	738	-100.0%	0	-
NORTHWEST ROCKIES BASIS S	NR	368	8,705	-95.8%	428	-14.0%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	1,289	2,010	-35.9%	1,539	-16.2%
NY 3.0% FUEL OIL (PLATTS	H1	0	150	-100.0%	0	-
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity		Open Interest JUN 2020	Open Interest JUN 2019	% CHG	Open Interest MAY 2020	% CHG
Energy Futures						
NY HARBOR HEAT OIL SWP	MP	13,983	13,473	3.8%	14,081	-0.7%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	715	865	-17.3%	740	-3.4%
NY HARBOR RESIDUAL FUEL 1	MM	1,757	1,115	57.6%	2,012	-12.7%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	HK	3,494	2,712	28.8%	4,299	-18.7%
NYISO CAPACITY	LHV	146	662	-77.9%	167	-12.6%
NYISO CAPACITY	NNC	0	118	-100.0%	0	-
NYISO CAPACITY	NRS	0	192	-100.0%	0	-
NYISO J	KJ	0	0	-	0	-
NYISO J OFF-PEAK	KK	0	0	-	0	-
NYISO ZONE A 5MW D AH O P	K4	3,954	13,298	-70.3%	4,706	-16.0%
NYISO ZONE A 5MW D AH PK	K3	0	1,272	-100.0%	0	-
NYISO ZONE G 5MW D AH O P	D2	165,554	430,690	-61.6%	186,986	-11.5%
NYISO ZONE G 5MW D AH PK	T3	12,546	17,331	-27.6%	13,489	-7.0%
NYISO ZONE J 5MW D AH O P	D4	5,931	73,326	-91.9%	7,059	-16.0%
NYISO ZONE J 5MW D AH PK	D3	848	6,096	-86.1%	1,032	-17.8%
NYMEX ALUMINUM FUTURES	AN	0	396	-100.0%	0	-
NYMEX ULSD VS NYMEX HO	UY	100	0	-	300	-66.7%
NY ULSD (ARGUS) VS HEATING OIL	7Y	2,404	888	170.7%	2,682	-10.4%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-
ONTARIO POWER SWAPS	OFD	0	0	-	0	-
ONTARIO POWER SWAPS	OPD	0	30	-100.0%	0	-
ONTARIO POWER SWAPS	OPM	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	PH	763	3,031	-74.8%	884	-13.7%
PANHANDLE PIPE SWAP	XH	0	0	-	0	-
PERMIAN BASIS SWAP	PM	1,656	3,908	-57.6%	1,926	-14.0%
PETROCHEMICALS	22	98	78	25.6%	101	-3.0%
PETROCHEMICALS	32	58	108	-46.3%	46	26.1%
PETROCHEMICALS	3NA	3	25	-88.0%	6	-50.0%
PETROCHEMICALS	51	6	12	-50.0%	0	-
PETROCHEMICALS	81	0	0	-	0	-
PETROCHEMICALS	8I	6,072	4,746	27.9%	5,887	3.1%
PETROCHEMICALS	91	715	888	-19.5%	668	7.0%
PETROCHEMICALS	MAA	70	150	-53.3%	510	-86.3%
PETROCHEMICALS	MAE	2,556	624	309.6%	2,311	10.6%
PETROCHEMICALS	MAS	456	548	-16.8%	543	-16.0%
PETROCHEMICALS	MBE	90	475	-81.1%	260	-65.4%
PETROCHEMICALS	MNB	1,636	2,066	-20.8%	1,593	2.7%
PETROCHEMICALS	MPS	1,165	826	41.0%	1,052	10.7%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	50	-100.0%	0	-
PETRO CRCKS & SPRDS ASIA	STR	140	690	-79.7%	160	-12.5%
PETRO CRCKS & SPRDS ASIA	STS	300	241	24.5%	150	100.0%
PETRO CRCKS & SPRDS NA	CRB	18,950	6,675	183.9%	19,510	-2.9%
PETRO CRCKS & SPRDS NA	EXR	1,361	3,828	-64.4%	1,419	-4.1%
PETRO CRCKS & SPRDS NA	FOC	420	1,400	-70.0%	480	-12.5%
PETRO CRCKS & SPRDS NA	GBB	194	448	-56.7%	1,237	-84.3%
PETRO CRCKS & SPRDS NA	GCC	0	55	-100.0%	195	-100.0%
PETRO CRCKS & SPRDS NA	GCI	484	2,334	-79.3%	1,033	-53.1%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	5,905	12,775	-53.8%	6,358	-7.1%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	9,042	9,462	-4.4%	9,699	-6.8%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JUN 2020	Open Interest JUN 2019	% CHG	Open Interest MAY 2020	% CHG	
Energy Futures						
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	11,613	19,169	-39.4%	11,643	-0.3%
PETRO CRCKS & SPRDS NA	RVG	7,538	16,812	-55.2%	9,386	-19.7%
PETRO CRCKS & SPRDS NA	SF3	11	136	-91.9%	22	-50.0%
PETRO CRK&SPRD EURO	1NB	1,600	2,651	-39.6%	1,750	-8.6%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	15	27	-44.4%	20	-25.0%
PETRO CRK&SPRD EURO	BFR	0	20	-100.0%	0	-
PETRO CRK&SPRD EURO	BOB	1,804	2,893	-37.6%	2,020	-10.7%
PETRO CRK&SPRD EURO	EOB	21	25	-16.0%	20	5.0%
PETRO CRK&SPRD EURO	EPN	800	1,409	-43.2%	777	3.0%
PETRO CRK&SPRD EURO	EVC	281	2,556	-89.0%	397	-29.2%
PETRO CRK&SPRD EURO	FBT	0	20	-100.0%	0	-
PETRO CRK&SPRD EURO	FVB	5	30	-83.3%	10	-50.0%
PETRO CRK&SPRD EURO	GCB	44	0	-	0	-
PETRO CRK&SPRD EURO	GOC	7	19	-63.2%	8	-12.5%
PETRO CRK&SPRD EURO	MGB	10	70	-85.7%	20	-50.0%
PETRO CRK&SPRD EURO	MUD	110	70	57.1%	140	-21.4%
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	716	1,699	-57.9%	766	-6.5%
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-
PETROLEUM PRODUCTS	1NM	80	230	-65.2%	80	0.0%
PETROLEUM PRODUCTS	EWG	875	4,095	-78.6%	725	20.7%
PETROLEUM PRODUCTS	H5F	1,906	0	-	3,548	-46.3%
PETROLEUM PRODUCTS	JCC	1,085	20	5,325.0%	1,085	0.0%
PETROLEUM PRODUCTS	MME	0	0	-	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	NCC	0	0	-	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-
PETROLEUM PRODUCTS	R5F	30	0	-	21	42.9%
PETROLEUM PRODUCTS	S53	58	0	-	65	-10.8%
PETROLEUM PRODUCTS	UP5	409	0	-	665	-38.5%
PETROLEUM PRODUCTS	VU	0	0	-	325	-100.0%
PETROLEUM PRODUCTS ASIA	E6M	0	18	-100.0%	0	-
PETROLEUM PRODUCTS ASIA	MJN	1,473	2,422	-39.2%	820	79.6%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-
PETRO OUTRIGHT EURO	0B	120	78	53.8%	125	-4.0%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	660	3,456	-80.9%	837	-21.1%
PETRO OUTRIGHT EURO	0E	0	5	-100.0%	0	-
PETRO OUTRIGHT EURO	0F	50	739	-93.2%	95	-47.4%
PETRO OUTRIGHT EURO	1T	0	23	-100.0%	0	-
PETRO OUTRIGHT EURO	33	0	0	-	0	-
PETRO OUTRIGHT EURO	5L	0	10	-100.0%	0	-
PETRO OUTRIGHT EURO	63	0	10	-100.0%	0	-
PETRO OUTRIGHT EURO	7I	65	75	-13.3%	0	-
PETRO OUTRIGHT EURO	7R	6	51	-88.2%	5	20.0%
PETRO OUTRIGHT EURO	88	0	0	-	0	-
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	25	202	-87.6%	30	-16.7%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JUN 2020	Open Interest JUN 2019	% CHG	Open Interest MAY 2020	% CHG	
Energy Futures						
PETRO OUTRIGHT EURO	EFF	0	6	-100.0%	30	-100.0%
PETRO OUTRIGHT EURO	EFM	0	9	-100.0%	0	-
PETRO OUTRIGHT EURO	ENS	21	76	-72.4%	24	-12.5%
PETRO OUTRIGHT EURO	EWN	37	844	-95.6%	50	-26.0%
PETRO OUTRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTRIGHT EURO	GES	0	0	-	0	-
PETRO OUTRIGHT EURO	GNO	0	0	-	0	-
PETRO OUTRIGHT EURO	H5G	604	60	906.7%	706	-14.4%
PETRO OUTRIGHT EURO	JFB	0	0	-	9	-100.0%
PETRO OUTRIGHT EURO	M1B	2,214	0	-	1,311	68.9%
PETRO OUTRIGHT EURO	M35	0	0	-	0	-
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-
PETRO OUTRIGHT EURO	MBN	1,924	2,445	-21.3%	2,069	-7.0%
PETRO OUTRIGHT EURO	MEF	304	1,121	-72.9%	335	-9.3%
PETRO OUTRIGHT EURO	R53	42	48	-12.5%	48	-12.5%
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	1,370	340	302.9%	1,390	-1.4%
PETRO OUTRIGHT EURO	R5O	2,547	131	1,844.3%	2,137	19.2%
PETRO OUTRIGHT EURO	RBM	0	0	-	0	-
PETRO OUTRIGHT EURO	S5B	1	0	-	0	-
PETRO OUTRIGHT EURO	S5F	406	0	-	436	-6.9%
PETRO OUTRIGHT EURO	S5M	3,958	61	6,388.5%	4,232	-6.5%
PETRO OUTRIGHT EURO	S5O	1,374	0	-	1,133	21.3%
PETRO OUTRIGHT EURO	SMU	70	0	-	80	-12.5%
PETRO OUTRIGHT EURO	T0	0	9	-100.0%	0	-
PETRO OUTRIGHT EURO	T2B	20	0	-	0	-
PETRO OUTRIGHT EURO	TMB	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTRIGHT EURO	UNB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-
PETRO OUTRIGHT EURO	X0	0	0	-	0	-
PETRO OUTRIGHT NA	AB6	335	0	-	25	1,240.0%
PETRO OUTRIGHT NA	BCR	100	0	-	350	-71.4%
PETRO OUTRIGHT NA	DBB	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	0	32	-100.0%	0	-
PETRO OUTRIGHT NA	FOM	0	0	-	0	-
PETRO OUTRIGHT NA	H5B	250	0	-	0	-
PETRO OUTRIGHT NA	JE	805	67	1,101.5%	740	8.8%
PETRO OUTRIGHT NA	JET	1,250	3,755	-66.7%	1,600	-21.9%
PETRO OUTRIGHT NA	JTB	225	125	80.0%	175	28.6%
PETRO OUTRIGHT NA	MBL	257	0	-	273	-5.9%
PETRO OUTRIGHT NA	MEN	38	167	-77.2%	59	-35.6%
PETRO OUTRIGHT NA	MEO	2,588	3,247	-20.3%	1,909	35.6%
PETRO OUTRIGHT NA	MFD	35	285	-87.7%	40	-12.5%
PETRO OUTRIGHT NA	MMF	0	233	-100.0%	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	82,015	192,618	-57.4%	87,535	-6.3%
PJM AD HUB 5MW REAL TIME	Z9	7,973	15,781	-49.5%	8,897	-10.4%
PJM ATSI ELEC	MOD	0	0	-	0	-
PJM ATSI ELEC	MPD	0	0	-	0	-
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-
PJM BGE DA PEAK	E3	0	0	-	0	-
PJM COMED 5MW D AH O PK	D9	0	0	-	0	-

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NYMEX/COMEX Exchange Open Interest Report - Monthly

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Energy Futures						
PJM COMED 5MW D AH PK	D8	0	0	-	0	-
PJM DAILY	JD	286	934	-69.4%	256	11.7%
PJM DAYTON DA OFF-PEAK	R7	19,770	56,605	-65.1%	23,530	-16.0%
PJM DAYTON DA PEAK	D7	1,060	3,630	-70.8%	1,290	-17.8%
PJM NI HUB 5MW REAL TIME	B3	3,205	6,597	-51.4%	3,315	-3.3%
PJM NI HUB 5MW REAL TIME	B6	58,405	68,371	-14.6%	60,245	-3.1%
PJM NILL DA OFF-PEAK	L3	0	67,218	-100.0%	0	-
PJM NILL DA PEAK	N3	0	4,134	-100.0%	0	-
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	2,960	-100.0%	0	-
PJM PSEG DA OFF-PEAK	W6	0	69,225	-100.0%	0	-
PJM PSEG DA PEAK	L6	0	3,700	-100.0%	0	-
PJM WESTH DA OFF-PEAK	E4	3,954	111,628	-96.5%	4,706	-16.0%
PJM WESTHDA PEAK	J4	212	6,026	-96.5%	258	-17.8%
PJM WESTH RT OFF-PEAK	N9	362,705	653,935	-44.5%	371,905	-2.5%
PJM WESTH RT PEAK	L1	42,510	97,480	-56.4%	52,438	-18.9%
PLASTICS	PGP	4,798	3,329	44.1%	4,684	2.4%
PREMIUM UNLND 10P FOB MED	3G	42	260	-83.8%	42	0.0%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	-	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,466	1,442	1.7%	878	67.0%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	54,830	61,928	-11.5%	56,088	-2.2%
RBOB CALENDAR SWAP	RL	13,359	17,307	-22.8%	12,823	4.2%
RBOB CRACK SPREAD	RM	3,780	4,496	-15.9%	4,305	-12.2%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	674	1,084	-37.8%	356	89.3%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	1,120	75	1,393.3%	1,390	-19.4%
SAN JUAN BASIS SWAP	NJ	246	3,623	-93.2%	306	-19.6%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	5	-100.0%	0	-
SINGAPORE 380CST BALMO	BT	0	26	-100.0%	0	-
SINGAPORE 380CST FUEL OIL	SE	654	5,287	-87.6%	746	-12.3%
SINGAPORE FUEL 180CST CAL	UA	26	481	-94.6%	32	-18.8%
SINGAPORE FUEL OIL SPREAD	SD	120	201	-40.3%	120	0.0%
SINGAPORE GASOIL	MAF	235	3,165	-92.6%	289	-18.7%
SINGAPORE GASOIL	MTB	0	51	-100.0%	0	-
SINGAPORE GASOIL	MTS	763	5,781	-86.8%	986	-22.6%
SINGAPORE GASOIL	SBM	20	0	-	43	-53.5%
SINGAPORE GASOIL	STZ	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GDH	0	0	-	0	-
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	1,089	287	279.4%	1,325	-17.8%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	-
SINGAPORE GASOIL SWAP	SG	1,349	1,327	1.7%	1,864	-27.6%
SINGAPORE GASOIL VS ICE	GA	3,765	12,515	-69.9%	4,221	-10.8%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	0	4,235	-100.0%	0	-
SINGAPORE JET KEROSENE SW	KS	970	1,685	-42.4%	1,085	-10.6%



NYMEX/COMEX Exchange Open Interest Report - Monthly

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Energy Futures						
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	50	-100.0%	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	8,607	15,664	-45.1%	5,766	49.3%
SINGAPORE NAPHTHA SWAP	SP	0	0	-	0	-
SING FUEL	MSD	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	8Z	0	0	-	0	-
Sumas Basis Swap	NK	0	1,313	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	120	354	-66.1%	150	-20.0%
TC5 RAS TANURA TO YOKOHAM	TH	620	1,104	-43.8%	745	-16.8%
TCO BASIS SWAP	TC	492	2,940	-83.3%	612	-19.6%
TD3 MEG TO JAPAN 250K MT	TL	7,460	12,125	-38.5%	8,152	-8.5%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-
Tetco STX Basis	TX	0	0	-	0	-
TEXAS EASTERN ZONE M-3 BA	NX	368	1,282	-71.3%	428	-14.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-
Transco Zone 3 Basis	CZ	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	758	2,343	-67.6%	887	-14.5%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-
UCM FUT	UCM	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	282	80	252.5%	258	9.3%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	2,059	4,500	-54.2%	4,402	-53.2%
UP DOWN GC ULSD VS NMX HO	LT	70,042	47,441	47.6%	74,797	-6.4%
WAHA BASIS	NW	291	1,429	-79.6%	356	-18.3%
WESTERN RAIL DELIVERY PRB	QP	0	0	-	0	-
WTI-BRENT BULLET SWAP	BY	168	2,604	-93.5%	285	-41.1%
WTI-BRENT CALENDAR SWAP	BK	112,075	185,499	-39.6%	117,466	-4.6%
WTI CALENDAR	CS	174,157	185,191	-6.0%	192,909	-9.7%
WTI MIDLAND CRUDE OIL	WTL	250	0	-	300	-16.7%
WTS (ARGUS) VS WTI SWAP	FF	73,541	64,027	14.9%	77,474	-5.1%
WTS (ARGUS) VS WTI TRD MT	FH	8,983	5,524	62.6%	9,467	-5.1%
Energy Options						
BRENT 1 MONTH CAL	AA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	7,210	8,978	-19.7%	5,705	26.4%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	9C	14,700	23,850	-38.4%	15,700	-6.4%
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-
BRENT OIL LAST DAY	BE	52,300	64,775	-19.3%	44,190	18.4%
BRENT OIL LAST DAY	BZO	77,145	192,632	-60.0%	61,746	24.9%
BRENT OIL LAST DAY	OS	0	50	-100.0%	0	-
COAL API2 INDEX	CLA	0	280	-100.0%	0	-
COAL API2 INDEX	CQA	0	0	-	0	-
COAL API4 INDEX	RLA	0	0	-	0	-
COAL API4 INDEX	RQA	0	0	-	0	-
COAL SWAP	CPF	0	0	-	0	-
COAL SWAP	RPF	0	0	-	0	-
CRUDE OIL	6Y	0	150	-100.0%	0	-
CRUDE OIL 1MO	WA	490,881	564,481	-13.0%	532,786	-7.9%
CRUDE OIL APO	AO	357,990	381,202	-6.1%	364,972	-1.9%
CRUDE OIL CALNDR STRIP	6F	50	200	-75.0%	0	-
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	-



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JUN 2020	Open Interest JUN 2019	% CHG	Open Interest MAY 2020	% CHG	
Energy Options						
CRUDE OIL PHY	CD	0	0	-	0	-
CRUDE OIL PHY	LC	33,512	43,738	-23.4%	29,297	14.4%
CRUDE OIL PHY	LO	1,995,736	2,404,664	-17.0%	2,118,175	-5.8%
CRUDE OIL PHY	LO1	3,234	4,477	-27.8%	1,205	168.4%
CRUDE OIL PHY	LO2	419	218	92.2%	58	622.4%
CRUDE OIL PHY	LO3	8	386	-97.9%	31	-74.2%
CRUDE OIL PHY	LO4	0	0	0.0%	0	-
CRUDE OIL PHY	LO5	0	0	-	0	0.0%
ETHANOL	CE1	0	0	-	0	-
ETHANOL	CE3	0	0	-	0	-
ETHANOL SWAP	CVR	7,517	15,337	-51.0%	7,357	2.2%
ETHANOL SWAP	GVR	740	1,680	-56.0%	790	-6.3%
FREIGHT MARKETS	TDT	0	0	-	0	-
HEATING OIL PHY	LB	517	327	58.1%	391	32.2%
HEATING OIL PHY	OH	23,788	53,374	-55.4%	19,727	20.6%
HENRY HUB FINANCIAL LAST	E7	21,707	9,840	120.6%	22,995	-5.6%
HO 1 MONTH CLNDR OPTIONS	FA	0	1,000	-100.0%	0	-
LLS CRUDE OIL	WJO	0	0	-	0	-
LLS CRUDE OIL	YVO	0	0	-	0	-
MCCLOSKEY ARA ARGV COAL	MTO	4,392	0	-	2,886	52.2%
MCCLOSKEY RCH BAY COAL	MFO	100	450	-77.8%	125	-20.0%
NATURAL GAS 1 M CSO FIN	G4	110,650	28,000	295.2%	87,225	26.9%
NATURAL GAS 2 M CSO FIN	G2	3,500	625	460.0%	6,000	-41.7%
NATURAL GAS 3 M CSO FIN	G3	125,635	39,050	221.7%	88,985	41.2%
NATURAL GAS 5 M CSO FIN	G5	0	1,100	-100.0%	0	-
NATURAL GAS 6 M CSO FIN	G6	0	12,100	-100.0%	0	-
NATURAL GAS OPT	TFO	108,080	0	-	56,200	92.3%
NATURAL GAS OPTION ON CALENDAR STRP	6J	19,584	10,904	79.6%	20,384	-3.9%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,400,839	1,666,847	44.0%	2,400,410	0.0%
NATURAL GAS PHY	ON	78,469	68,145	15.2%	72,440	8.3%
NATURAL GAS WINTER STRIP	6I	600	1,300	-53.8%	600	0.0%
N ROCKIES PIPE SWAP	ZR	0	2,424	-100.0%	0	-
NY HARBOR HEAT OIL SWP	AT	11,548	14,530	-20.5%	12,241	-5.7%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-
PETROCHEMICALS	4H	603	4,805	-87.5%	561	7.5%
PETROCHEMICALS	4J	30	725	-95.9%	30	0.0%
PETROCHEMICALS	4K	0	80	-100.0%	0	-
PETROCHEMICALS	CPR	84	20	320.0%	105	-20.0%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	16	24	-33.3%	20	-20.0%
PETRO OUTRIGHT NA	1N5	200	0	-	0	-
PETRO OUTRIGHT NA	DAP	1,130	682	65.7%	1,180	-4.2%
PJM WES HUB PEAK CAL MTH	6OA	1,510	1,200	25.8%	1,540	-1.9%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	512	1,061	-51.7%	512	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	186	144	29.2%	80	132.5%
RBOB CRACK	RX	0	0	-	0	-
RBOB PHY	OB	10,774	18,555	-41.9%	9,306	15.8%
RBOB PHY	RF	500	14	3,471.4%	661	-24.4%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JUN 2020	Open Interest JUN 2019	% CHG	Open Interest MAY 2020	% CHG	
Energy Options						
SAN JUAN PIPE SWAP	PJ	0	1,274	-100.0%	0	-
SHORT TERM	C15	0	0	-	0	-
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	0	-	0	-
SHORT TERM NATURAL GAS	U02	0	0	-	0	-
SHORT TERM NATURAL GAS	U03	0	0	-	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-
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	0.0%
SHORT TERM NATURAL GAS	U29	0	0	-	0	-
SHORT TERM NATURAL GAS	U30	0	0	-	0	-
SHORT TERM NATURAL GAS	U31	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	M2	0	0	-	0	-
SINGAPORE JET FUEL CALEND	N2	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	183,700	113,735	61.5%	181,965	1.0%
WTI CRUDE OIL 1 M CSO FI	7A	246,860	163,460	51.0%	262,270	-5.9%
Metals Futures						
COMEX GOLD	GC	561,628	580,855	-3.3%	487,490	15.2%
NYMEX HOT ROLLED STEEL	HR	21,790	16,661	30.8%	21,584	1.0%
NYMEX PLATINUM	PL	47,837	84,971	-43.7%	52,161	-8.3%
PALLADIUM	PA	7,080	23,352	-69.7%	6,736	5.1%
URANIUM	UX	329	2,761	-88.1%	340	-3.2%
COMEX SILVER	SI	169,418	218,355	-22.4%	166,345	1.8%
COMEX E-Mini GOLD	QO	1,559	1,476	5.6%	1,357	14.9%
COMEX E-Mini SILVER	QI	328	172	90.7%	428	-23.4%
COMEX COPPER	HG	193,194	247,503	-21.9%	179,233	7.8%
COMEX MINY COPPER	QC	84	92	-8.7%	61	37.7%
ALUMINUM	A38	0	100	-100.0%	0	-
ALUMINUM	AEP	11,605	10,409	11.5%	12,525	-7.3%
ALUMINUM	ALA	615	505	21.8%	660	-6.8%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JUN 2020	Open Interest JUN 2019	% CHG	Open Interest MAY 2020	% CHG
Metals Futures					
ALUMINUM	232	0	-	303	-23.4%
ALUMINUM	37,916	22,988	64.9%	34,673	9.4%
ALUMINUM	0	0	-	0	-
ALUMINUM	15,759	9,658	63.2%	16,438	-4.1%
ALUMINUM	4,775	5,806	-17.8%	4,970	-3.9%
COPPER	13,964	11,632	20.0%	11,363	22.9%
FERROUS PRODUCTS	4,791	3,228	48.4%	5,152	-7.0%
GOLD	25	0	-	11	127.3%
GOLD	72	0	-	112	-35.7%
GOLD	92	0	-	91	1.1%
Gold Kilo	0	0	-	0	-
HOT ROLLED COIL STEEL FUTURES	825	0	-	825	0.0%
IRON ORE 62 CHINA PLATTS FUTURES	0	0	-	0	-
IRON ORE 62 CHINA TSI FUTURES	3,508	6,787	-48.3%	3,924	-10.6%
LNDN ZINC	0	12	-100.0%	0	-
METALS	30	0	-	0	-
MICRO GOLD	32,858	18,308	79.5%	22,108	48.6%
SILVER	3,732	1,885	98.0%	3,196	16.8%
Metals Options					
ALUMINUM	150	0	-	150	0.0%
COMEX COPPER	12,621	38,504	-67.2%	12,536	0.7%
COMEX GOLD	1,203,207	1,488,083	-19.1%	1,188,117	1.3%
COMEX SILVER	99,554	180,743	-44.9%	128,729	-22.7%
COPPER	0	0	-	0	-
COPPER	0	0	-	0	-
COPPER	0	0	-	0	-
COPPER	0	0	0.0%	0	-
COPPER	0	0	-	0	-
GOLD	8,923	33,674	-73.5%	6,117	45.9%
GOLD	4,085	7,660	-46.7%	2,453	66.5%
GOLD	1,875	3,306	-43.3%	868	116.0%
GOLD	544	0	0.0%	0	-
GOLD	0	0	-	0	0.0%
HOT ROLLED COIL STEEL CALL OPTION	75	600	-87.5%	125	-40.0%
HOT ROLLED COIL STEEL PUT OPTION	0	0	-	50	-100.0%
IRON ORE 62 CHINA TSI CALL OPTION	1,900	1,210	57.0%	1,900	0.0%
IRON ORE 62 CHINA TSI PUT OPTION	3,857	635	507.4%	5,287	-27.0%
NYMEX PLATINUM	2,153	9,144	-76.5%	6,325	-66.0%
PALLADIUM	1,334	2,442	-45.4%	1,268	5.2%
SILVER	1,922	1,830	5.0%	483	297.9%
SILVER	469	270	73.7%	168	179.2%
SILVER	118	46	156.5%	56	110.7%
SILVER	25	0	0.0%	0	-
SILVER	0	0	-	0	0.0%



NYMEX/COMEX Exchange Open Interest Report - Monthly

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TOTAL FUTURES GROUP					
Ag Products Futures	0	4	-100.0%	0	-
Energy Futures	8,353,852	10,347,940	-19.3%	8,658,115	-3.5%
Metals Futures	1,134,046	1,267,516	-10.5%	1,032,086	9.9%
TOTAL FUTURES	9,487,898	11,615,460	-18.3%	9,690,201	-2.1%
TOTAL OPTIONS GROUP					
Energy Options	6,396,956	5,922,893	8.0%	6,430,851	-0.5%
Metals Options	1,342,812	1,768,147	-24.1%	1,354,632	-0.9%
TOTAL OPTIONS	7,739,768	7,691,040	0.6%	7,785,483	-0.6%
TOTAL COMBINED					
Ag Products	0	4	-100.0%	0	-
Energy	14,750,808	16,270,833	-9.3%	15,088,966	-2.2%
Metals	2,476,858	3,035,663	-18.4%	2,386,718	3.8%
GRAND TOTAL	17,227,666	19,306,500	-10.8%	17,475,684	-1.4%