



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest MAY 2020	Open Interest MAY 2019	% CHG	Open Interest APR 2020	% CHG	
Ag Products Futures						
COCOA TAS	CJ	0	0	-	0	-
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	0	-	0	-
SUGAR 11	YO	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	2,142,743	2,072,010	3.4%	2,303,488	-7.0%
CRUDE OIL	WS	40	286	-86.0%	42	-4.8%
MINY WTI CRUDE OIL	QM	5,330	5,051	5.5%	9,749	-45.3%
BRENT OIL LAST DAY	BZ	221,036	254,090	-13.0%	246,233	-10.2%
HEATING OIL PHY	HO	386,917	403,482	-4.1%	359,954	7.5%
HTG OIL	BH	108	150	-28.0%	118	-8.5%
MINY HTG OIL	QH	1	0	0.0%	0	0.0%
RBOB PHY	RB	367,236	366,890	0.1%	366,526	0.2%
MINY RBOB GAS	QU	2	0	0.0%	0	-
NATURAL GAS	HP	124,477	82,052	51.7%	111,656	11.5%
LTD NAT GAS	HH	285,888	362,375	-21.1%	272,077	5.1%
MINY NATURAL GAS	QG	3,559	2,487	43.1%	4,905	-27.4%
PJM MONTHLY	JM	0	320	-100.0%	0	-
NATURAL GAS PHY	NG	1,299,379	1,304,742	-0.4%	1,206,480	7.7%
RBOB GAS	RT	102	108	-5.6%	109	-6.4%
3.5% FUEL OIL CID MED SWA	7D	0	96	-100.0%	0	-
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-
AEP-DAYTON HUB DAILY	VD	84	28	200.0%	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	8,422	29,133	-71.1%	10,687	-21.2%
ARGUS PROPAN FAR EST INDE	7E	4,427	5,348	-17.2%	4,502	-1.7%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,985	2,034	-2.4%	1,986	-0.1%
AUSTRIALIAN COKE COAL	ACT	0	0	-	0	-
AUSTRIALIAN COKE COAL	ALW	0	32	-100.0%	0	-
BRENT BALMO SWAP	J9	0	0	-	0	-
BRENT CALENDAR SWAP	CY	18,739	26,150	-28.3%	20,029	-6.4%
BRENT CFD SWAP	6W	0	0	-	0	-
BRENT FINANCIAL FUTURES	BB	0	158	-100.0%	0	-
BRENT FINANCIAL FUTURES	MBC	40	82	-51.2%	45	-11.1%
BRENT FINANCIAL FUTURES	MDB	0	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	687	-100.0%	0	-
CHICAGO ETHANOL SWAP	CU	33,053	48,394	-31.7%	32,414	2.0%
CHICAGO ULSD PL VS HO SPR	5C	3,390	3,193	6.2%	3,377	0.4%
CHICAGO UNL GAS PL VS RBO	3C	580	553	4.9%	310	87.1%
CIG BASIS	CI	0	3,912	-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	23	1,057	-97.8%	67	-65.7%



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Energy Futures						
CIN HUB 5MW REAL TIME O P	H4	19,040	101,904	-81.3%	22,008	-13.5%
CIN HUB 5MW REAL TIME PK	H3	1,057	11,419	-90.7%	1,197	-11.7%
COAL SWAP	ACM	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	156	954	-83.6%	179	-12.8%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	1,417	1,326	6.9%	1,234	14.8%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	863	912	-5.4%	597	44.6%
CONWAY PROPANE 5 DECIMALS SWAP	8K	24,258	20,857	16.3%	23,799	1.9%
CRUDE OIL	LPS	8,400	20,025	-58.1%	9,800	-14.3%
CRUDE OIL OUTRIGHTS	42	1,502	490	206.5%	5,542	-72.9%
CRUDE OIL OUTRIGHTS	CC5	908	960	-5.4%	790	14.9%
CRUDE OIL OUTRIGHTS	CPD	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	0	2,700	-100.0%	90	-100.0%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	90	-100.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	0	207	-100.0%	0	-
CRUDE OIL OUTRIGHTS	HTT	179,215	144,091	24.4%	192,981	-7.1%
CRUDE OIL OUTRIGHTS	LSW	1,726	1,653	4.4%	2,187	-21.1%
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	4,394	15,445	-71.6%	5,606	-21.6%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	309	4,884	-93.7%	361	-14.4%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	270	0	-	450	-40.0%
CRUDE OIL SPRDS	HIL	2,135	720	196.5%	1,615	32.2%
CRUDE OIL SPRDS	WTT	116,484	123,616	-5.8%	124,953	-6.8%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	2,520	3,840	-34.4%	1,440	75.0%
DAILY PJM	IDO	18,480	11,776	56.9%	17,920	3.1%
DAILY PJM	NOC	840	2,280	-63.2%	480	75.0%
DAILY PJM	PAP	270	250	8.0%	250	8.0%
DAILY PJM	PEO	5,280	2,560	106.3%	5,120	3.1%
DAILY PJM	PNO	0	17,408	-100.0%	0	-
DAILY PJM	PNP	0	975	-100.0%	0	-
DAILY PJM	PWO	4,256	16,384	-74.0%	11,264	-62.2%
DAILY PJM	PWP	154	800	-80.8%	550	-72.0%
DAILY PJM	WOR	6,384	14,160	-54.9%	3,648	75.0%
DAILY PJM	ZAO	1,056	1,024	3.1%	1,024	3.1%
DAILY PJM	ZGO	30,096	27,136	10.9%	29,184	3.1%
DAILY PJM	ZJO	1,584	15,360	-89.7%	1,536	3.1%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	400	1,985	-79.8%	644	-37.9%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	1,410	7,422	-81.0%	1,596	-11.7%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	3,825	3,885	-1.5%	10,050	-61.9%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	29,568	2,520	1,073.3%	18,335	61.3%
EASTERN RAIL DELIVERY CSX	QX	0	0	-	0	-
EAST/WEST FUEL OIL SPREAD	EW	8	35	-77.1%	9	-11.1%
EIA FLAT TAX ONHWAY DIESE	A5	3,294	1,589	107.3%	2,789	18.1%

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Energy Futures						
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	342	854	-60.0%	386	-11.4%
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	6,290	15,666	-59.8%	7,026	-10.5%
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	506	490	3.3%	476	6.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,617	4,426	26.9%	6,173	-9.0%
EURO 1% FUEL OIL NEW BALM	KX	0	3	-100.0%	0	-
EURO 3.5% FUEL OIL RDAM B	KR	30	40	-25.0%	0	-
EURO 3.5% FUEL OIL SPREAD	FK	0	80	-100.0%	0	-
EURO-DENOMINATED PETRO PROD	NCP	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	50	0	-	75	-33.3%
EUROPE 1% FUEL OIL NWE CA	UF	0	402	-100.0%	0	-
EUROPE 1% FUEL OIL RDAM C	UH	0	3	-100.0%	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	133	-100.0%	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	1,714	6,401	-73.2%	2,047	-16.3%
EUROPEAN GASOIL (ICE)	7F	139	48	189.6%	160	-13.1%
EUROPEAN NAPHTHA BALMO	KZ	23	110	-79.1%	7	228.6%
EUROPEAN NAPHTHA CRACK SPR	EN	5,131	10,905	-52.9%	6,574	-22.0%
EUROPE DATED BRENT SWAP	UB	0	460	-100.0%	0	-
EUROPE JET KERO NWE CALSW	UJ	0	25	-100.0%	0	-
EUROPE NAPHTHA CALSWAP	UN	934	2,987	-68.7%	1,041	-10.3%
EURO PROPANE CIF ARA SWA	PS	2,412	2,091	15.4%	2,481	-2.8%
FREIGHT MARKETS	ACB	680	0	-	795	-14.5%
FREIGHT MARKETS	BF1	0	0	-	0	-
FREIGHT MARKETS	BF2	320	0	-	225	42.2%
FREIGHT MARKETS	BF3	0	0	-	0	-
FREIGHT MARKETS	FLP	745	851	-12.5%	717	3.9%
FREIGHT MARKETS	FRC	80	350	-77.1%	90	-11.1%
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	873	2,520	-65.4%	735	18.8%
FREIGHT MARKETS	TC6	0	0	-	0	-
FREIGHT MARKETS	TD3	0	40	-100.0%	0	-
FREIGHT MARKETS	TD8	0	20	-100.0%	0	-
FREIGHT MARKETS	USC	60	0	-	90	-33.3%
FUEL OIL CRACK VS ICE	FO	4,627	8,807	-47.5%	4,974	-7.0%
FUEL OIL NWE CRACK VS ICE	FI	104	166	-37.3%	117	-11.1%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	286	1,039	-72.5%	305	-6.2%
GAS EURO-BOB OXY NWE BARGES	7H	3,378	5,486	-38.4%	2,960	14.1%

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Energy Futures						
GAS EURO-BOB OXY NWE BARGES CRK	7K	23,346	26,957	-13.4%	22,381	4.3%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	10	-100.0%	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	0	10	-100.0%	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	55	59	-6.8%	45	22.2%
GASOIL 10PPM VS ICE SWAP	TP	0	27	-100.0%	0	-
GASOIL CALENDAR SWAP	GX	93	52	78.8%	112	-17.0%
GASOIL CRACK SPREAD CALEN	GZ	6,532	11,793	-44.6%	7,584	-13.9%
GASOIL MINI CALENDAR SWAP	QA	981	693	41.6%	1,086	-9.7%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	1,888	945	99.8%	2,065	-8.6%
GROUP THREE ULSD (PLATTS)	A7	0	39	-100.0%	0	-
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	10,655	10,270	3.7%	10,098	5.5%
GRP THREE UNL GS (PLT) VS	A8	4,820	4,179	15.3%	5,279	-8.7%
GULF COAST 3% FUEL OIL BA	VZ	0	385	-100.0%	272	-100.0%
GULF COAST JET FUEL CLNDR	GE	936	611	53.2%	942	-0.6%
GULF COAST JET VS NYM 2 H	ME	22,257	35,608	-37.5%	24,717	-10.0%
GULF COAST NO.6 FUEL OIL	MF	15,498	22,833	-32.1%	17,460	-11.2%
GULF COAST NO.6 FUEL OIL	MG	288	941	-69.4%	331	-13.0%
GULF COAST ULSD CALENDAR	LY	4,263	1,576	170.5%	3,705	15.1%
GULF COAST ULSD CRACK SPR	GY	700	470	48.9%	900	-22.2%
HEATING OIL BALMO CLNDR S	1G	45	0	-	537	-91.6%
HEATING OIL CRCK SPRD BAL	1H	0	18	-100.0%	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HENRY HUB BASIS SWAP	HB	4,260	10,821	-60.6%	3,680	15.8%
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	-
HENRY HUB FINANCIAL LAST	TTE	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	IN	6,112	15,657	-61.0%	5,992	2.0%
HENRY HUB SWAP	NN	753,661	956,361	-21.2%	720,724	4.6%
HOUSTON SHIP CHANNEL BASI	NH	4,487	9,493	-52.7%	4,766	-5.9%
ICE BRENT DUBAI SWAP	DB	24,581	37,746	-34.9%	28,483	-13.7%
IN DELIVERY MONTH EUA	6T	0	0	-	0	-
INDIANA MISO	FAD	0	0	-	0	-
INDIANA MISO	FTD	1,176	3,000	-60.8%	672	75.0%
INDIANA MISO	PDD	68	350	-80.6%	86	-20.9%
INDIANA MISO	PTD	49	525	-90.7%	49	0.0%
INDONESIAN COAL ICI4	ICI	581	953	-39.0%	518	12.2%
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	100	121	-17.4%	150	-33.3%
JAPAN C&F NAPHTHA SWAP	JA	289	1,667	-82.7%	312	-7.4%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-
JET CIF NWE VS ICE	JC	40	285	-86.0%	45	-11.1%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	1,160	6,680	-82.6%	2,053	-43.5%
JKM LNG Futures	JKM	3,597	5,637	-36.2%	4,125	-12.8%
LA CARB DIESEL (OPIS) SWA	KL	1,124	58	1,837.9%	1,433	-21.6%
LA CARBOB GASOLINE(OPIS)S	JL	175	325	-46.2%	150	16.7%
LA JET (OPIS) SWAP	JS	903	1,589	-43.2%	1,638	-44.9%
LLS (ARGUS) CALENDAR SWAP	XA	194	419	-53.7%	212	-8.5%
LLS (ARGUS) VS WTI SWAP	WJ	9,745	21,720	-55.1%	10,303	-5.4%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-

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Energy Futures						
MARS (ARGUS) VS WTI SWAP	YX	400	5,830	-93.1%	450	-11.1%
MARS (ARGUS) VS WTI TRD M	YV	16,448	25,455	-35.4%	15,386	6.9%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	21,060	21,653	-2.7%	20,325	3.6%
MCCLOSKEY RCH BAY COAL	MFF	2,494	3,221	-22.6%	1,864	33.8%
MGF FUT	MGF	0	0	-	0	-
MGN1 SWAP FUT	MGN	300	340	-11.8%	335	-10.4%
MICHIGAN BASIS	NF	612	1,617	-62.2%	736	-16.8%
MICHIGAN MISO	HMO	0	0	-	0	-
MICHIGAN MISO	HMW	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	304	-100.0%	9	-100.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	170	-100.0%	170	-100.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	826	5,388	-84.7%	1,040	-20.6%
MJC FUT	MJC	40	265	-84.9%	45	-11.1%
MNC FUT	MNC	1,686	6,337	-73.4%	2,267	-25.6%
MONT BELVIEU ETHANE 5 DECIMAL	C0	45,668	38,997	17.1%	39,114	16.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	50	95	-47.4%	193	-74.1%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	140,287	139,518	0.6%	138,660	1.2%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,218	3,473	-64.9%	2,742	-55.6%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	39,840	16,399	142.9%	41,503	-4.0%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,105	390	183.3%	1,014	9.0%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	58,780	48,038	22.4%	62,339	-5.7%
MONT BELVIEU NORMAL BUTANE BALMO	8J	709	1,662	-57.3%	2,283	-68.9%
NAT GAS BASIS SWAP	TZ6	0	1,498	-100.0%	0	-
NATURAL GAS	XIC	0	0	-	0	-
NATURAL GAS PEN SWP	NP	191,872	133,878	43.3%	151,946	26.3%
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	248,723	366,553	-32.1%	261,603	-4.9%
NEPOOL INTR HUB 5MW D AH	U6	12,130	20,399	-40.5%	12,900	-6.0%
NEPOOL NE MASS 5MW D AH O	P8	0	9,483	-100.0%	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	510	-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	1,155	1,364	-15.3%	1,195	-3.3%
NEW YORK ETHANOL SWAP	EZ	1,799	1,013	77.6%	1,200	49.9%
NEW YORK HUB ZONE G PEAK	GN	1,353	992	36.4%	1,381	-2.0%
NEW YORK HUB ZONE J PEAK	JN	264	1,385	-80.9%	248	6.5%
NGPL MID-CONTINENT	NL	520	9,972	-94.8%	520	0.0%
NGPL TEX/OK	PD	120	15,772	-99.2%	120	0.0%
N ILLINOIS HUB DAILY	UD	10	68	-85.3%	10	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	-	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	200	-100.0%	0	-
NORTHEN NATURAL GAS DEMAR	PE	0	306	-100.0%	0	-
NORTHEN NATURAL GAS VENTU	PF	0	918	-100.0%	0	-
NORTHWEST ROCKIES BASIS S	NR	428	10,025	-95.7%	490	-12.7%
N ROCKIES PIPE SWAP	XR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	1,539	2,030	-24.2%	1,714	-10.2%
NY 3.0% FUEL OIL (PLATTS	H1	0	225	-100.0%	0	-
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	14,081	12,906	9.1%	13,910	1.2%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest MAY 2020	Open Interest MAY 2019	% CHG	Open Interest APR 2020	% CHG
Energy Futures					
NY HARBOR LOW SULPUR GAS 1000MBBL	740	890	-16.9%	765	-3.3%
NY HARBOR RESIDUAL FUEL 1	2,012	1,080	86.3%	2,394	-16.0%
NY HARBOR RESIDUAL FUEL C	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	4,299	3,239	32.7%	4,383	-1.9%
NYISO CAPACITY	167	709	-76.4%	188	-11.2%
NYISO CAPACITY	0	146	-100.0%	0	-
NYISO CAPACITY	0	227	-100.0%	0	-
NYISO J	0	0	-	0	-
NYISO J OFF-PEAK	0	0	-	0	-
NYISO ZONE A 5MW D AH O P	4,706	14,082	-66.6%	5,442	-13.5%
NYISO ZONE A 5MW D AH PK	0	1,536	-100.0%	0	-
NYISO ZONE G 5MW D AH O P	186,986	451,466	-58.6%	207,962	-10.1%
NYISO ZONE G 5MW D AH PK	13,489	18,167	-25.7%	14,391	-6.3%
NYISO ZONE J 5MW D AH O P	7,059	85,086	-91.7%	8,163	-13.5%
NYISO ZONE J 5MW D AH PK	1,032	7,306	-85.9%	1,208	-14.6%
NYMEX ALUMINUM FUTURES	0	372	-100.0%	0	-
NYMEX ULSD VS NYMEX HO	300	0	-	200	50.0%
NY ULSD (ARGUS) VS HEATING OIL	2,682	998	168.7%	2,057	30.4%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-
ONTARIO POWER SWAPS	0	0	-	0	-
ONTARIO POWER SWAPS	0	0	-	0	-
ONTARIO POWER SWAPS	0	100	-100.0%	0	-
PANHANDLE BASIS SWAP FUTU	884	3,391	-73.9%	1,008	-12.3%
PANHANDLE PIPE SWAP	0	0	-	0	-
PERMIAN BASIS SWAP	1,926	4,028	-52.2%	2,205	-12.7%
PETROCHEMICALS	101	175	-42.3%	153	-34.0%
PETROCHEMICALS	46	50	-8.0%	108	-57.4%
PETROCHEMICALS	6	26	-76.9%	6	0.0%
PETROCHEMICALS	0	17	-100.0%	0	-
PETROCHEMICALS	0	0	-	0	-
PETROCHEMICALS	5,887	4,724	24.6%	5,999	-1.9%
PETROCHEMICALS	668	892	-25.1%	706	-5.4%
PETROCHEMICALS	510	20	2,450.0%	160	218.8%
PETROCHEMICALS	2,311	522	342.7%	2,054	12.5%
PETROCHEMICALS	543	398	36.4%	620	-12.4%
PETROCHEMICALS	260	605	-57.0%	220	18.2%
PETROCHEMICALS	1,593	2,238	-28.8%	1,074	48.3%
PETROCHEMICALS	1,052	260	304.6%	902	16.6%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	160	690	-76.8%	180	-11.1%
PETRO CRCKS & SPRDS ASIA	150	246	-39.0%	150	0.0%
PETRO CRCKS & SPRDS NA	19,510	8,535	128.6%	20,585	-5.2%
PETRO CRCKS & SPRDS NA	1,419	3,958	-64.1%	2,002	-29.1%
PETRO CRCKS & SPRDS NA	480	1,300	-63.1%	540	-11.1%
PETRO CRCKS & SPRDS NA	1,237	350	253.4%	1,340	-7.7%
PETRO CRCKS & SPRDS NA	195	110	77.3%	405	-51.9%
PETRO CRCKS & SPRDS NA	1,033	2,320	-55.5%	1,723	-40.0%
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	6,358	14,177	-55.2%	7,035	-9.6%
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	9,699	7,716	25.7%	10,026	-3.3%
PETRO CRCKS & SPRDS NA	0	0	-	0	-

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest MAY 2020	Open Interest MAY 2019	% CHG	Open Interest APR 2020	% CHG	
Energy Futures						
PETRO CRCKS & SPRDS NA	NFG	0	0	-	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	11,643	20,774	-44.0%	12,631	-7.8%
PETRO CRCKS & SPRDS NA	RVG	9,386	15,125	-37.9%	13,119	-28.5%
PETRO CRCKS & SPRDS NA	SF3	22	125	-82.4%	33	-33.3%
PETRO CRK&SPRD EURO	1NB	1,750	3,200	-45.3%	1,950	-10.3%
PETRO CRK&SPRD EURO	1ND	0	0	-	0	-
PETRO CRK&SPRD EURO	43	20	50	-60.0%	0	-
PETRO CRK&SPRD EURO	BFR	0	40	-100.0%	0	-
PETRO CRK&SPRD EURO	BOB	2,020	3,054	-33.9%	2,232	-9.5%
PETRO CRK&SPRD EURO	EOB	20	30	-33.3%	30	-33.3%
PETRO CRK&SPRD EURO	EPN	777	1,418	-45.2%	884	-12.1%
PETRO CRK&SPRD EURO	EVC	397	2,872	-86.2%	468	-15.2%
PETRO CRK&SPRD EURO	FBT	0	40	-100.0%	0	-
PETRO CRK&SPRD EURO	FVB	10	30	-66.7%	15	-33.3%
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-
PETRO CRK&SPRD EURO	GOC	8	20	-60.0%	9	-11.1%
PETRO CRK&SPRD EURO	MGB	20	110	-81.8%	30	-33.3%
PETRO CRK&SPRD EURO	MUD	140	10	1,300.0%	160	-12.5%
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	766	1,867	-59.0%	867	-11.6%
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-
PETROLEUM PRODUCTS	1NM	80	200	-60.0%	159	-49.7%
PETROLEUM PRODUCTS	EWG	725	3,888	-81.4%	1,125	-35.6%
PETROLEUM PRODUCTS	H5F	3,548	0	-	5,469	-35.1%
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	21	0	-	38	-44.7%
PETROLEUM PRODUCTS	S53	65	0	-	60	8.3%
PETROLEUM PRODUCTS	UP5	665	0	-	921	-27.8%
PETROLEUM PRODUCTS	VU	325	50	550.0%	360	-9.7%
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	45	-100.0%
PETROLEUM PRODUCTS ASIA	MJN	820	2,124	-61.4%	802	2.2%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-
PETRO OUTRIGHT EURO	0B	125	88	42.0%	154	-18.8%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	837	4,039	-79.3%	856	-2.2%
PETRO OUTRIGHT EURO	0E	0	0	-	0	-
PETRO OUTRIGHT EURO	0F	95	957	-90.1%	90	5.6%
PETRO OUTRIGHT EURO	1T	0	25	-100.0%	0	-
PETRO OUTRIGHT EURO	33	0	0	-	0	-
PETRO OUTRIGHT EURO	5L	0	60	-100.0%	40	-100.0%
PETRO OUTRIGHT EURO	63	0	5	-100.0%	0	-
PETRO OUTRIGHT EURO	7I	0	125	-100.0%	0	-
PETRO OUTRIGHT EURO	7R	5	95	-94.7%	5	0.0%
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	30	60	-50.0%	398	-92.5%
PETRO OUTRIGHT EURO	EFF	30	0	-	0	-

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest MAY 2020	Open Interest MAY 2019	% CHG	Open Interest APR 2020	% CHG	
Energy Futures						
PETRO OUTRIGHT EURO	EFM	0	3	-100.0%	0	-
PETRO OUTRIGHT EURO	ENS	24	85	-71.8%	27	-11.1%
PETRO OUTRIGHT EURO	EWN	50	796	-93.7%	95	-47.4%
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	706	60	1,076.7%	818	-13.7%
PETRO OUTRIGHT EURO	JFB	9	0	-	0	-
PETRO OUTRIGHT EURO	M1B	1,311	0	-	1,146	14.4%
PETRO OUTRIGHT EURO	M35	0	0	-	0	-
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-
PETRO OUTRIGHT EURO	MBN	2,069	2,510	-17.6%	2,125	-2.6%
PETRO OUTRIGHT EURO	MEF	335	1,299	-74.2%	190	76.3%
PETRO OUTRIGHT EURO	R53	48	24	100.0%	54	-11.1%
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	1,390	157	785.4%	1,313	5.9%
PETRO OUTRIGHT EURO	R5O	2,137	121	1,666.1%	1,815	17.7%
PETRO OUTRIGHT EURO	RBM	0	0	-	18	-100.0%
PETRO OUTRIGHT EURO	S5F	436	0	-	315	38.4%
PETRO OUTRIGHT EURO	S5M	4,232	37	11,337.8%	3,729	13.5%
PETRO OUTRIGHT EURO	S5O	1,133	0	-	1,134	-0.1%
PETRO OUTRIGHT EURO	SMU	80	0	-	90	-11.1%
PETRO OUTRIGHT EURO	T0	0	9	-100.0%	0	-
PETRO OUTRIGHT EURO	T2B	0	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	25	0	-	50	-50.0%
PETRO OUTRIGHT NA	BCR	350	0	-	175	100.0%
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	0	0	-	175	-100.0%
PETRO OUTRIGHT NA	JE	740	14	5,185.7%	780	-5.1%
PETRO OUTRIGHT NA	JET	1,600	3,200	-50.0%	575	178.3%
PETRO OUTRIGHT NA	JTB	175	1,525	-88.5%	100	75.0%
PETRO OUTRIGHT NA	MBL	273	0	-	167	63.5%
PETRO OUTRIGHT NA	MEN	59	155	-61.9%	90	-34.4%
PETRO OUTRIGHT NA	MEO	1,909	3,348	-43.0%	1,667	14.5%
PETRO OUTRIGHT NA	MFD	40	0	-	182	-78.0%
PETRO OUTRIGHT NA	MMF	0	251	-100.0%	0	-
PETRO OUTRIGHT NA	XER	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	87,535	177,718	-50.7%	93,895	-6.8%
PJM AD HUB 5MW REAL TIME	Z9	8,897	16,161	-44.9%	9,737	-8.6%
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	-
PJM COMED 5MW D AH PK	D8	0	0	-	0	-
PJM DAILY	JD	256	828	-69.1%	256	0.0%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity		Open Interest MAY 2020	Open Interest MAY 2019	% CHG	Open Interest APR 2020	% CHG
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PJM DAYTON DA OFF-PEAK	R7	23,530	58,565	-59.8%	27,210	-13.5%
PJM DAYTON DA PEAK	D7	1,290	3,850	-66.5%	1,510	-14.6%
PJM NI HUB 5MW REAL TIME	B3	3,315	7,577	-56.2%	3,415	-2.9%
PJM NI HUB 5MW REAL TIME	B6	60,245	75,971	-20.7%	62,365	-3.4%
PJM NILL DA OFF-PEAK	L3	0	80,546	-100.0%	0	-
PJM NILL DA PEAK	N3	0	4,992	-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	73,145	-100.0%	0	-
PJM PSEG DA PEAK	L6	0	3,810	-100.0%	0	-
PJM WESTH DA OFF-PEAK	E4	4,706	124,172	-96.2%	5,442	-13.5%
PJM WESTHDA PEAK	J4	258	6,730	-96.2%	302	-14.6%
PJM WESTH RT OFF-PEAK	N9	371,905	659,775	-43.6%	388,017	-4.2%
PJM WESTH RT PEAK	L1	52,438	100,824	-48.0%	54,998	-4.7%
PLASTICS	PGP	4,684	3,480	34.6%	4,765	-1.7%
PREMIUM UNLND 10P FOB MED	3G	42	267	-84.3%	63	-33.3%
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	878	75	1,070.7%	1,195	-26.5%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	56,088	64,241	-12.7%	62,844	-10.8%
RBOB CALENDAR SWAP	RL	12,823	17,106	-25.0%	12,454	3.0%
RBOB CRACK SPREAD	RM	4,305	5,729	-24.9%	3,930	9.5%
RBOB CRACK SPREAD BALMO S	1E	0	25	-100.0%	0	-
RBOB GASOLINE BALMO CLNDR	1D	356	805	-55.8%	1,241	-71.3%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	-	0	-
RBOB VS HEATING OIL SWAP	RH	1,390	75	1,753.3%	1,165	19.3%
SAN JUAN BASIS SWAP	NJ	306	4,793	-93.6%	368	-16.8%
SAN JUAN PIPE SWAP	XX	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	10	-100.0%	0	-
SINGAPORE 380CST BALMO	BT	0	25	-100.0%	1	-100.0%
SINGAPORE 380CST FUEL OIL	SE	746	5,691	-86.9%	996	-25.1%
SINGAPORE FUEL 180CST CAL	UA	32	574	-94.4%	21	52.4%
SINGAPORE FUEL OIL SPREAD	SD	120	178	-32.6%	120	0.0%
SINGAPORE GASOIL	MAF	289	3,656	-92.1%	350	-17.4%
SINGAPORE GASOIL	MTB	0	44	-100.0%	10	-100.0%
SINGAPORE GASOIL	MTS	986	5,894	-83.3%	1,081	-8.8%
SINGAPORE GASOIL	SBM	43	0	-	22	95.5%
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	1,325	312	324.7%	1,039	27.5%
SINGAPORE GASOIL CALENDAR	SGG	0	0	-	0	-
SINGAPORE GASOIL SWAP	SG	1,864	1,918	-2.8%	2,071	-10.0%
SINGAPORE GASOIL VS ICE	GA	4,221	14,775	-71.4%	4,647	-9.2%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	0	4,945	-100.0%	0	-
SINGAPORE JET KEROSENE SW	KS	1,085	1,415	-23.3%	1,310	-17.2%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-

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NYMEX/COMEX Exchange Open Interest Report - Monthly

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Energy Futures						
SINGAPORE MOGAS 92 UNLEADED SWP	1N	5,766	18,203	-68.3%	9,108	-36.7%
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	1,433	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	150	395	-62.0%	180	-16.7%
TC5 RAS TANURA TO YOKOHAM	TH	745	1,290	-42.2%	845	-11.8%
TCO BASIS SWAP	TC	612	3,300	-81.5%	736	-16.8%
TD3 MEG TO JAPAN 250K MT	TL	8,152	13,401	-39.2%	9,488	-14.1%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	-	0	-
Tetco STX Basis	TX	0	0	-	0	-
TEXAS EASTERN ZONE M-3 BA	NX	428	1,342	-68.1%	490	-12.7%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	-	0	-
Transco Zone 3 Basis	CZ	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	887	2,479	-64.2%	1,016	-12.7%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-
UCM FUT	UCM	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	258	120	115.0%	319	-19.1%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	4,402	4,425	-0.5%	4,420	-0.4%
UP DOWN GC ULSD VS NMX HO	LT	74,797	48,749	53.4%	60,512	23.6%
WAHA BASIS	NW	356	1,749	-79.6%	423	-15.8%
WESTERN RAIL DELIVERY PRB	QP	0	0	-	0	-
WTI-BRENT BULLET SWAP	BY	285	3,129	-90.9%	402	-29.1%
WTI-BRENT CALENDAR SWAP	BK	117,466	181,167	-35.2%	128,718	-8.7%
WTI CALENDAR	CS	192,909	192,683	0.1%	204,240	-5.5%
WTI MIDLAND CRUDE OIL	WTL	300	0	-	300	0.0%
WTS (ARGUS) VS WTI SWAP	FF	77,474	62,467	24.0%	83,480	-7.2%
WTS (ARGUS) VS WTI TRD MT	FH	9,467	6,014	57.4%	9,321	1.6%
Energy Options						
BRENT 1 MONTH CAL	AA	0	0	-	0	-
BRENT CALENDAR SWAP	BA	5,705	8,507	-32.9%	5,152	10.7%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	-	0	-
BRENT CRUDE OIL 1 M CSO	9C	15,700	25,350	-38.1%	21,200	-25.9%
BRENT CRUDE OIL 6 M CSO	9L	0	0	-	0	-
BRENT OIL LAST DAY	BE	44,190	63,595	-30.5%	40,320	9.6%
BRENT OIL LAST DAY	BZO	61,746	184,370	-66.5%	68,645	-10.1%
BRENT OIL LAST DAY	OS	0	50	-100.0%	0	-
COAL API2 INDEX	CLA	0	255	-100.0%	0	-
COAL API2 INDEX	CQA	0	0	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	532,786	655,949	-18.8%	556,097	-4.2%
CRUDE OIL APO	AO	364,972	376,971	-3.2%	408,026	-10.6%
CRUDE OIL CALNDR STRIP	6F	0	200	-100.0%	0	-
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	-
CRUDE OIL PHY	CD	0	0	-	0	-
CRUDE OIL PHY	LC	29,297	46,270	-36.7%	60,945	-51.9%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest MAY 2020	Open Interest MAY 2019	% CHG	Open Interest APR 2020	% CHG	
Energy Options						
CRUDE OIL PHY	LO	2,118,175	2,416,847	-12.4%	2,941,758	-28.0%
CRUDE OIL PHY	LO1	1,205	4,665	-74.2%	2,997	-59.8%
CRUDE OIL PHY	LO2	58	232	-75.0%	976	-94.1%
CRUDE OIL PHY	LO3	31	166	-81.3%	4	675.0%
CRUDE OIL PHY	LO4	0	0	-	1	-100.0%
CRUDE OIL PHY	LO5	0	0	0.0%	0	-
ETHANOL	CE1	0	0	-	0	-
ETHANOL	CE3	0	0	-	0	-
ETHANOL SWAP	CVR	7,357	12,943	-43.2%	7,185	2.4%
ETHANOL SWAP	GVR	790	1,800	-56.1%	720	9.7%
FREIGHT MARKETS	TDT	0	0	-	0	-
HEATING OIL PHY	LB	391	382	2.4%	457	-14.4%
HEATING OIL PHY	OH	19,727	42,737	-53.8%	31,763	-37.9%
HENRY HUB FINANCIAL LAST	E7	22,995	10,040	129.0%	24,754	-7.1%
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 ARGS COAL	MTO	2,886	0	-	1,815	59.0%
MCCLOSKEY RCH BAY COAL	MFO	125	150	-16.7%	50	150.0%
NATURAL GAS 1 M CSO FIN	G4	87,225	24,900	250.3%	82,100	6.2%
NATURAL GAS 2 M CSO FIN	G2	6,000	75	7,900.0%	3,500	71.4%
NATURAL GAS 3 M CSO FIN	G3	88,985	30,350	193.2%	77,910	14.2%
NATURAL GAS 5 M CSO FIN	G5	0	250	-100.0%	0	-
NATURAL GAS 6 M CSO FIN	G6	0	11,350	-100.0%	0	-
NATURAL GAS OPT	TFO	56,200	0	-	2,000	2,710.0%
NATURAL GAS OPTION ON CALENDAR STRP	6J	20,384	10,484	94.4%	19,884	2.5%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,400,410	1,650,925	45.4%	2,410,102	-0.4%
NATURAL GAS PHY	ON	72,440	70,107	3.3%	76,618	-5.5%
NATURAL GAS WINTER STRIP	6I	600	1,300	-53.8%	600	0.0%
N ROCKIES PIPE SWAP	ZR	0	1,878	-100.0%	0	-
NY HARBOR HEAT OIL SWP	AT	12,241	13,091	-6.5%	13,346	-8.3%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	-	0	-
PANHANDLE PIPE SWAP	PU	0	0	-	0	-
PETROCHEMICALS	4H	561	2,198	-74.5%	220	155.0%
PETROCHEMICALS	4J	30	800	-96.3%	30	0.0%
PETROCHEMICALS	4K	0	80	-100.0%	0	-
PETROCHEMICALS	CPR	105	20	425.0%	126	-16.7%
PETRO OUTRIGHT EURO	8H	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	20	24	-16.7%	24	-16.7%
PETRO OUTRIGHT NA	DAP	1,180	608	94.1%	1,295	-8.9%
PJM WES HUB PEAK CAL MTH	6OA	1,540	820	87.8%	1,540	0.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	PMA	512	1,567	-67.3%	512	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	80	182	-56.0%	110	-27.3%
RBOB CRACK	RX	0	0	-	0	-
RBOB PHY	OB	9,306	17,245	-46.0%	11,698	-20.4%
RBOB PHY	RF	661	34	1,844.1%	372	77.7%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	-	0	-
SAN JUAN PIPE SWAP	PJ	0	910	-100.0%	0	-
SHORT TERM	C15	0	0	-	0	-
SHORT TERM	U11	0	0	-	0	-

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NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest MAY 2020	Open Interest MAY 2019	% CHG	Open Interest APR 2020	% CHG	
Energy Options						
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	-	400	-100.0%
SHORT TERM NATURAL GAS	U02	0	0	-	0	-
SHORT TERM NATURAL GAS	U03	0	400	-100.0%	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	-
SHORT TERM NATURAL GAS	U29	0	0	-	0	0.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	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	181,965	112,055	62.4%	191,980	-5.2%
WTI CRUDE OIL 1 M CSO FI	7A	262,270	141,510	85.3%	285,770	-8.2%
Metals Futures						
COMEX GOLD	GC	487,490	465,077	4.8%	490,551	-0.6%
NYMEX HOT ROLLED STEEL	HR	21,584	17,610	22.6%	25,063	-13.9%
NYMEX PLATINUM	PL	52,161	84,525	-38.3%	51,163	2.0%
PALLADIUM	PA	6,736	19,416	-65.3%	8,105	-16.9%
URANIUM	UX	340	3,027	-88.8%	345	-1.4%
COMEX SILVER	SI	166,345	209,964	-20.8%	134,672	23.5%
COMEX E-Mini GOLD	QO	1,357	2,509	-45.9%	2,542	-46.6%
COMEX E-Mini SILVER	QI	428	231	85.3%	339	26.3%
COMEX COPPER	HG	179,233	282,827	-36.6%	162,803	10.1%
COMEX MINY COPPER	QC	61	124	-50.8%	70	-12.9%
ALUMINUM	A38	0	102	-100.0%	0	-
ALUMINUM	AEP	12,525	11,380	10.1%	13,183	-5.0%
ALUMINUM	ALA	660	530	24.5%	750	-12.0%
ALUMINUM	ALI	303	0	-	316	-4.1%
ALUMINUM	AUP	34,673	25,889	33.9%	32,844	5.6%
ALUMINUM	CUP	0	0	-	50	-100.0%

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NYMEX/COMEX Exchange Open Interest Report - Monthly

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Metals Futures						
ALUMINUM	EDP	16,438	10,270	60.1%	15,947	3.1%
ALUMINUM	MJP	4,970	6,467	-23.1%	5,540	-10.3%
COPPER	HGS	11,363	12,396	-8.3%	11,871	-4.3%
FERROUS PRODUCTS	BUS	5,152	3,652	41.1%	5,469	-5.8%
GOLD	4GC	11	0	-	1	1,000.0%
GOLD	SGC	112	0	-	183	-38.8%
GOLD	SGU	91	0	-	159	-42.8%
Gold Kilo	GCK	0	0	-	0	-
HOT ROLLED COIL STEEL FUTURES	EHR	825	0	-	525	57.1%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	3,924	7,290	-46.2%	4,425	-11.3%
LNDN ZINC	ZNC	0	27	-100.0%	0	-
MICRO GOLD	MGC	22,108	12,350	79.0%	22,459	-1.6%
SILVER	SIL	3,196	1,481	115.8%	2,817	13.5%
Metals Options						
ALUMINUM	ALO	150	0	-	150	0.0%
COMEX COPPER	HX	12,536	46,676	-73.1%	29,000	-56.8%
COMEX GOLD	OG	1,188,117	1,134,990	4.7%	1,517,795	-21.7%
COMEX SILVER	SO	128,729	232,836	-44.7%	133,572	-3.6%
COPPER	H1E	0	11	-100.0%	89	-100.0%
COPPER	H2E	0	0	-	8	-100.0%
COPPER	H3E	0	0	-	0	-
COPPER	H4E	0	0	-	0	-
COPPER	H5E	0	0	0.0%	0	-
GOLD	OG1	6,117	7,601	-19.5%	8,442	-27.5%
GOLD	OG2	2,453	3,218	-23.8%	5,583	-56.1%
GOLD	OG3	868	955	-9.1%	1,874	-53.7%
GOLD	OG4	0	0	-	789	-100.0%
GOLD	OG5	0	0	0.0%	0	-
HOT ROLLED COIL STEEL CALL OPTION	HRO	125	650	-80.8%	175	-28.6%
HOT ROLLED COIL STEEL PUT OPTION	HRO	50	0	-	100	-50.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	1,900	1,220	55.7%	1,290	47.3%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	5,287	640	726.1%	5,197	1.7%
NYMEX PLATINUM	PO	6,325	10,271	-38.4%	7,440	-15.0%
PALLADIUM	PAO	1,268	1,946	-34.8%	2,433	-47.9%
SILVER	SO1	483	832	-41.9%	519	-6.9%
SILVER	SO2	168	259	-35.1%	619	-72.9%
SILVER	SO3	56	118	-52.5%	109	-48.6%
SILVER	SO4	0	0	-	65	-100.0%
SILVER	SO5	0	0	0.0%	0	-
TOTAL FUTURES GROUP						
Ag Products Futures		0	0	-	0	-
Energy Futures		8,658,115	10,570,049	-18.1%	8,780,284	-1.4%
Metals Futures		1,032,086	1,177,144	-12.3%	992,192	4.0%
TOTAL FUTURES		9,690,201	11,747,193	-17.5%	9,772,476	-0.8%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest MAY 2020	Open Interest MAY 2019	% CHG	Open Interest APR 2020	% CHG
TOTAL OPTIONS GROUP					
Energy Options	6,430,851	5,945,792	8.2%	7,353,002	-12.5%
Metals Options	1,354,632	1,442,223	-6.1%	1,715,249	-21.0%
TOTAL OPTIONS	7,785,483	7,388,015	5.4%	9,068,251	-14.1%
TOTAL COMBINED					
Ag Products	0	0	-	0	-
Energy	15,088,966	16,515,841	-8.6%	16,133,286	-6.5%
Metals	2,386,718	2,619,367	-8.9%	2,707,441	-11.8%
GRAND TOTAL	17,475,684	19,135,208	-8.7%	18,840,727	-7.2%