



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest NOV 2021	Open Interest NOV 2020	% CHG	Open Interest OCT 2021	% 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	2,033,286	2,127,463	-4.4%	2,124,479	-4.3%
CRUDE OIL	WS	8	0	-	8	0.0%
MINY WTI CRUDE OIL	QM	6,535	2,796	133.7%	4,295	52.2%
BRENT OIL LAST DAY	BZ	217,781	162,467	34.0%	203,684	6.9%
HEATING OIL PHY	HO	298,300	373,886	-20.2%	425,220	-29.8%
HTG OIL	BH	118	108	9.3%	129	-8.5%
MINY HTG OIL	QH	2	0	-	0	-
RBOB PHY	RB	285,445	394,564	-27.7%	304,196	-6.2%
MINY RBOB GAS	QU	2	0	-	0	0.0%
NATURAL GAS	HP	170,311	132,310	28.7%	173,454	-1.8%
LTD NAT GAS	HH	512,489	381,715	34.3%	539,921	-5.1%
MINY NATURAL GAS	QG	5,068	4,343	16.7%	4,249	19.3%
PJM MONTHLY	JM	0	0	-	0	-
NATURAL GAS PHY	NG	1,269,879	1,203,173	5.5%	1,267,567	0.2%
RBOB GAS	RT	84	84	0.0%	91	-7.7%
3.5% FUEL OIL CID MED SWA	7D	0	0	-	0	-
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-
AEP-DAYTON HUB DAILY	VD	10	84	-88.1%	10	0.0%
ANR OKLAHOMA	NE	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	11,876	17,592	-32.5%	13,085	-9.2%
ARGUS PROPAN FAR EST INDE	7E	5,764	5,091	13.2%	5,772	-0.1%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,658	2,085	-20.5%	1,836	-9.7%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-
BRENT BALMO SWAP	J9	0	100	-100.0%	0	-
BRENT CALENDAR SWAP	CY	16,874	13,382	26.1%	18,413	-8.4%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-
BRENT FINANCIAL FUTURES	MBC	0	10	-100.0%	0	-
BRENT FINANCIAL FUTURES	MDB	0	90	-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%
CAR VINTAGE	GEO	4,329	0	-	2,414	79.3%
CAR VINTAGE	NGO	9,274	0	-	7,452	24.4%
CENTERPOINT BASIS SWAP	PW	0	0	-	0	-
CHICAGO ETHANOL SWAP	CU	39,090	33,806	15.6%	43,716	-10.6%
CHICAGO ULSD PL VS HO SPR	5C	592	1,077	-45.0%	810	-26.9%
CHICAGO UNL GAS PL VS RBO	3C	75	955	-92.1%	0	-
CIG BASIS	CI	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-
CIN HUB 5MW D AH PK	H5	0	0	-	0	-
CIN HUB 5MW REAL TIME O P	H4	0	2,744	-100.0%	0	-
CIN HUB 5MW REAL TIME PK	H3	0	154	-100.0%	0	-
COAL SWAP	ACM	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	0	22	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	2,208	749	194.8%	2,283	-3.3%

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Energy Futures						
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,619	1,987	-18.5%	1,879	-13.8%
CONWAY PROPANE 5 DECIMALS SWAP	8K	24,104	23,787	1.3%	25,883	-6.9%
CRUDE OIL	LPS	0	750	-100.0%	0	-
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	167	362	-53.9%	129	29.5%
CRUDE OIL OUTRIGHTS	CC5	2,337	1,377	69.7%	2,658	-12.1%
CRUDE OIL OUTRIGHTS	CSW	45	3,248	-98.6%	955	-95.3%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	-
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	1,620	2,190	-26.0%	1,936	-16.3%
CRUDE OIL OUTRIGHTS	HTT	112,485	144,908	-22.4%	103,441	8.7%
CRUDE OIL OUTRIGHTS	LSW	2,865	3,492	-18.0%	3,448	-16.9%
CRUDE OIL OUTRIGHTS	WCW	9,215	4,425	108.2%	8,527	8.1%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	0	366	-100.0%	0	-
CRUDE OIL PHY	MCL	31,477	0	-	8,361	276.5%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	3,184	480	563.3%	2,128	49.6%
CRUDE OIL SPRDS	HIL	11,797	18,539	-36.4%	12,673	-6.9%
CRUDE OIL SPRDS	WTT	87,252	84,716	3.0%	69,003	26.4%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	600	2,520	-76.2%	720	-16.7%
DAILY PJM	IDO	13,664	19,320	-29.3%	15,948	-14.3%
DAILY PJM	NOC	1,200	840	42.9%	1,440	-16.7%
DAILY PJM	PAP	0	270	-100.0%	0	-
DAILY PJM	PEO	0	5,520	-100.0%	0	-
DAILY PJM	PNO	0	0	-	0	-
DAILY PJM	PNP	0	0	-	0	-
DAILY PJM	PWO	0	1,104	-100.0%	0	-
DAILY PJM	PWP	0	54	-100.0%	0	-
DAILY PJM	WOR	2,400	4,200	-42.9%	2,880	-16.7%
DAILY PJM	ZAO	0	1,104	-100.0%	0	-
DAILY PJM	ZGO	0	25,944	-100.0%	2,720	-100.0%
DAILY PJM	ZJO	0	1,656	-100.0%	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	900	100	800.0%	1,350	-33.3%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	0	312	-100.0%	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	0	100	-100.0%	0	-
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	11,109	24,234	-54.2%	13,262	-16.2%
EAST/WEST FUEL OIL SPREAD	EW	0	2	-100.0%	0	-
EIA FLAT TAX ONHWAY DIESE	A5	1,892	4,841	-60.9%	2,343	-19.2%
ELEC FINSETTLED	47	0	84	-100.0%	0	-
ELEC MISO PEAK	4L	0	0	-	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-
ELECTRICITY OFF PEAK	46	0	1,586	-100.0%	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
ETHANOL	MTH	0	10	-100.0%	0	-
ETHANOL	Z1B	0	0	-	0	-
ETHANOL SWAP	MT2	810	1,010	-19.8%	790	2.5%

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ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	8,572	8,558	0.2%	8,844	-3.1%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	35	0	-	30	16.7%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	1,647	0	-	1,768	-6.8%
EUROPE 1% FUEL OIL NWE CA	UF	60	0	-	66	-9.1%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	269	723	-62.8%	261	3.1%
EUROPEAN GASOIL (ICE)	7F	3,682	72	5,013.9%	3,531	4.3%
EUROPEAN NAPHTHA BALMO	KZ	75	3	2,400.0%	0	-
EUROPEAN NAPHTHA CRACK SPR	EN	7,034	3,111	126.1%	7,613	-7.6%
EUROPE DATED BRENT SWAP	UB	11	31	-64.5%	11	0.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	UN	1,430	783	82.6%	1,399	2.2%
EURO PROPANE CIF ARA SWA	PS	2,703	2,723	-0.7%	2,754	-1.9%
FREIGHT MARKETS	ACB	0	170	-100.0%	0	-
FREIGHT MARKETS	BF1	0	0	-	0	-
FREIGHT MARKETS	BF2	54	334	-83.8%	81	-33.3%
FREIGHT MARKETS	BF3	0	0	-	0	-
FREIGHT MARKETS	BL2	190	0	-	175	8.6%
FREIGHT MARKETS	FLJ	35	0	-	45	-22.2%
FREIGHT MARKETS	FLP	213	678	-68.6%	210	1.4%
FREIGHT MARKETS	FRC	60	20	200.0%	60	0.0%
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	445	330	34.8%	500	-11.0%
FREIGHT MARKETS	T7C	0	85	-100.0%	0	-
FREIGHT MARKETS	T8C	0	0	-	0	-
FREIGHT MARKETS	TC6	225	0	-	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-
FREIGHT MARKETS	TD8	0	0	-	0	-
FREIGHT MARKETS	USC	0	0	-	0	-
FREIGHT MARKETS	USE	0	755	-100.0%	0	-
FUEL OIL CRACK VS ICE	FO	1,536	2,217	-30.7%	1,701	-9.7%
FUEL OIL NWE CRACK VS ICE	FI	72	26	176.9%	72	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	18	160	-88.8%	27	-33.3%
GAS EURO-BOB OXY NWE BARGES	7H	1,562	2,089	-25.2%	1,783	-12.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	15,080	15,028	0.3%	15,870	-5.0%
GASOIL 0.1CIF MED VS ICE	Z5	60	0	-	60	0.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	6	17	-64.7%	9	-33.3%
GASOIL 0.1 ROTTERDAM BARG	VL	83	15	453.3%	88	-5.7%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	621	86	622.1%	496	25.2%
GASOIL CRACK SPREAD CALEN	GZ	5,709	2,412	136.7%	6,156	-7.3%
GASOIL MINI CALENDAR SWAP	QA	1,289	1,033	24.8%	1,306	-1.3%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	279	1,123	-75.2%	321	-13.1%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	6,295	4,688	34.3%	7,125	-11.6%



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Energy Futures						
GRP THREE UNL GS (PLT) VS	A8	3,847	3,400	13.1%	3,972	-3.1%
GULF COAST 3% FUEL OIL BA	VZ	28	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	0	2,016	-100.0%	0	-
GULF COAST JET VS NYM 2 H	ME	16,771	20,506	-18.2%	18,761	-10.6%
GULF COAST NO.6 FUEL OIL	MF	2,356	9,954	-76.3%	2,525	-6.7%
GULF COAST NO.6 FUEL OIL	MG	10,970	70	15,571.4%	10,785	1.7%
GULF COAST ULSD CALENDAR	LY	1,784	6,272	-71.6%	2,280	-21.8%
GULF COAST ULSD CRACK SPR	GY	20	240	-91.7%	30	-33.3%
HEATING OIL BALMO CLNDR S	1G	235	100	135.0%	394	-40.4%
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	0	0	-	0	-
HENRY HUB FINANCIAL LAST	NBP	0	25	-100.0%	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	0	-	0	-
HENRY HUB SWAP	NN	510,243	672,800	-24.2%	530,920	-3.9%
HOUSTON SHIP CHANNEL BASI	NH	155	2,228	-93.0%	305	-49.2%
ICE BRENT DUBAI SWAP	DB	2,740	9,561	-71.3%	2,477	10.6%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
INDIANA MISO	FAD	0	0	-	0	-
INDIANA MISO	FTD	0	1,176	-100.0%	0	-
INDIANA MISO	PDD	0	0	-	0	-
INDIANA MISO	PTD	0	49	-100.0%	0	-
INDONESIAN COAL ICI4	ICI	40	279	-85.7%	60	-33.3%
JAPAN C&F NAPHTHA CRACK S	JB	6	0	-	0	-
JAPAN C&F NAPHTHA SWAP	JA	170	247	-31.2%	181	-6.1%
JAPAN NAPHTHA BALMO SWAP	E6	6	0	-	0	-
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-
JET CIF NWE VS ICE	JC	716	10	7,060.0%	736	-2.7%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	1,175	940	25.0%	1,160	1.3%
JKM LNG Futures	JKM	3,044	7,280	-58.2%	2,559	19.0%
LA CARB DIESEL (OPIS) SWA	KL	225	148	52.0%	340	-33.8%
LA CARBOB GASOLINE(OPIS)S	JL	0	50	-100.0%	0	-
LA JET (OPIS) SWAP	JS	1,285	747	72.0%	1,205	6.6%
LLS (ARGUS) CALENDAR SWAP	XA	0	103	-100.0%	0	-
LLS (ARGUS) VS WTI SWAP	WJ	2,963	4,947	-40.1%	2,772	6.9%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	420	220	90.9%	530	-20.8%
MARS (ARGUS) VS WTI TRD M	YV	12,260	19,386	-36.8%	13,450	-8.8%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	20,405	18,269	11.7%	20,996	-2.8%
MCCLOSKEY RCH BAY COAL	MFF	1,720	1,195	43.9%	1,450	18.6%
MGF FUT	MGF	0	0	-	0	-
MGN1 SWAP FUT	MGN	0	70	-100.0%	0	-
MICHIGAN BASIS	NF	0	0	-	0	-
MICHIGAN MISO	HMO	0	0	-	0	-
MICHIGAN MISO	HMW	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	68	39	74.4%	0	-
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	747	996	-25.0%	740	0.9%
MJC FUT	MJC	30	10	200.0%	40	-25.0%
MNC FUT	MNC	2,330	749	211.1%	2,047	13.8%

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Energy Futures						
MONT BELVIEU ETHANE 5 DECIMAL	C0	54,481	59,473	-8.4%	52,443	3.9%
MONT BELVIEU ETHANE OPIS BALMO	8C	1,450	67	2,064.2%	4,571	-68.3%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	132,705	138,595	-4.2%	136,177	-2.5%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,877	827	127.0%	2,368	-20.7%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	32,001	31,419	1.9%	34,084	-6.1%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	207	585	-64.6%	710	-70.8%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	56,115	69,633	-19.4%	64,654	-13.2%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,058	1,177	-10.1%	1,334	-20.7%
NAT GAS BASIS SWAP	TZ6	0	0	-	0	-
NATURAL GAS PEN SWP	NP	200,765	222,667	-9.8%	200,531	0.1%
NEPOOL INTR HUB 5MW D AH	H2	8,256	166,368	-95.0%	18,784	-56.0%
NEPOOL INTR HUB 5MW D AH	U6	447	7,615	-94.1%	1,091	-59.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	CE	952	1,155	-17.6%	896	6.3%
NEW YORK ETHANOL SWAP	EZ	545	390	39.7%	480	13.5%
NEW YORK HUB ZONE G PEAK	GN	340	1,023	-66.8%	320	6.3%
NEW YORK HUB ZONE J PEAK	JN	0	264	-100.0%	0	-
NGPL MID-CONTINENT	NL	0	320	-100.0%	0	-
NGPL TEX/OK	PD	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	20	10	100.0%	20	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-
NORTHEN NATURAL GAS DEMAR	PE	0	0	-	0	-
NORTHEN NATURAL GAS VENTU	PF	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	0	62	-100.0%	0	-
N ROCKIES PIPE SWAP	XR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	60	500	-88.0%	90	-33.3%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	-	0	-
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	8,831	12,206	-27.7%	9,650	-8.5%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	770	590	30.5%	905	-14.9%
NY HARBOR RESIDUAL FUEL 1	MM	675	1,032	-34.6%	725	-6.9%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	HK	10,368	2,964	249.8%	10,670	-2.8%
NYISO CAPACITY	LHV	0	51	-100.0%	0	-
NYISO CAPACITY	NNC	0	0	-	0	-
NYISO CAPACITY	NRS	0	0	-	0	-
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	-
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	0	60,795	-100.0%	0	-
NYISO ZONE G 5MW D AH PK	T3	6,375	8,620	-26.0%	6,605	-3.5%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	-
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	-
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	419	1,247	-66.4%	429	-2.3%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-
ONTARIO POWER SWAPS	OPD	0	0	-	0	-
ONTARIO POWER SWAPS	OPM	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	PH	0	300	-100.0%	0	-
PERMIAN BASIS SWAP	PM	0	279	-100.0%	0	-
PETROCHEMICALS	22	267	135	97.8%	254	5.1%

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Energy Futures						
PETROCHEMICALS	32	63	110.0%	113	-44.2%	
PETROCHEMICALS	3NA	61	454.5%	64	-4.7%	
PETROCHEMICALS	51	0	-100.0%	0	-	
PETROCHEMICALS	81	0	-	0	-	
PETROCHEMICALS	8I	7,127	6,448	10.5%	7,521	-5.2%
PETROCHEMICALS	91	1,315	759	73.3%	1,231	6.8%
PETROCHEMICALS	MAA	90	0	-	165	-45.5%
PETROCHEMICALS	MAE	3,162	2,108	50.0%	3,220	-1.8%
PETROCHEMICALS	MAS	1,557	479	225.1%	1,631	-4.5%
PETROCHEMICALS	MBE	55	320	-82.8%	115	-52.2%
PETROCHEMICALS	MNB	1,060	1,052	0.8%	1,305	-18.8%
PETROCHEMICALS	MPS	1,622	1,395	16.3%	1,709	-5.1%
PETROCHEMICALS	PMF	0	0	-	5	-100.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STR	0	40	-100.0%	0	-
PETRO CRCKS & SPRDS ASIA	STS	100	275	-63.6%	150	-33.3%
PETRO CRCKS & SPRDS NA	CRB	22,675	13,608	66.6%	27,166	-16.5%
PETRO CRCKS & SPRDS NA	EXR	1,409	1,135	24.1%	1,172	20.2%
PETRO CRCKS & SPRDS NA	FOC	0	220	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GBB	0	925	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCI	0	244	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	420	2,450	-82.9%	580	-27.6%
PETRO CRCKS & SPRDS NA	GFC	14	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	4,788	7,110	-32.7%	4,496	6.5%
PETRO CRCKS & SPRDS NA	MFR	24	0	-	36	-33.3%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	3,998	7,554	-47.1%	5,128	-22.0%
PETRO CRCKS & SPRDS NA	RVG	420	4,700	-91.1%	245	71.4%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-
PETRO CRK&SPRD EURO	1NB	132	200	-34.0%	123	7.3%
PETRO CRK&SPRD EURO	43	5	0	-	0	-
PETRO CRK&SPRD EURO	BFR	0	0	-	0	-
PETRO CRK&SPRD EURO	BOB	717	750	-4.4%	673	6.5%
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-
PETRO CRK&SPRD EURO	EPN	1,091	964	13.2%	915	19.2%
PETRO CRK&SPRD EURO	EVC	332	64	418.8%	428	-22.4%
PETRO CRK&SPRD EURO	FBT	0	0	-	0	-
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-
PETRO CRK&SPRD EURO	GOC	0	2	-100.0%	0	-
PETRO CRK&SPRD EURO	MGB	10	0	-	10	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-
PETRO CRK&SPRD EURO	NBB	9	0	-	0	-
PETRO CRK&SPRD EURO	NOB	450	457	-1.5%	451	-0.2%
PETRO CRK&SPRD EURO	SFB	0	0	-	0	-
PETROLEUM PRODUCTS	1NM	0	100	-100.0%	0	-
PETROLEUM PRODUCTS	BEB	0	0	-	0	-
PETROLEUM PRODUCTS	BEF	2	0	-	2	0.0%
PETROLEUM PRODUCTS	CMS	290	0	-	310	-6.5%
PETROLEUM PRODUCTS	EWG	3,050	475	542.1%	3,041	0.3%



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Energy Futures					
PETROLEUM PRODUCTS	0	496	-100.0%	0	-
PETROLEUM PRODUCTS	1,525	1,550	-1.6%	1,172	30.1%
PETROLEUM PRODUCTS	0	0	-	0	-
PETROLEUM PRODUCTS	0	0	-	0	-
PETROLEUM PRODUCTS	0	0	-	0	-
PETROLEUM PRODUCTS	0	0	-	5	-100.0%
PETROLEUM PRODUCTS	218	38	473.7%	178	22.5%
PETROLEUM PRODUCTS	16	32	-50.0%	6	166.7%
PETROLEUM PRODUCTS	0	65	-100.0%	0	-
PETROLEUM PRODUCTS	0	66	-100.0%	0	-
PETROLEUM PRODUCTS	0	0	-	15	-100.0%
PETROLEUM PRODUCTS ASIA	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	953	390	144.4%	839	13.6%
PETROLEUM PRODUCTS ASIA	0	0	-	0	-
PETRO OUTFRIGHT EURO	172	50	244.0%	174	-1.1%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	204	277	-26.4%	215	-5.1%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	19	-100.0%	1	-100.0%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	17	0	-	20	-15.0%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	130	15	766.7%	60	116.7%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	6	-100.0%	0	-
PETRO OUTFRIGHT EURO	678	12	5,550.0%	768	-11.7%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	184	-100.0%	0	-
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	2,803	3,637	-22.9%	3,653	-23.3%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	925	1,231	-24.9%	1,028	-10.0%
PETRO OUTFRIGHT EURO	345	250	38.0%	396	-12.9%
PETRO OUTFRIGHT EURO	38	0	-	65	-41.5%
PETRO OUTFRIGHT EURO	45	12	275.0%	63	-28.6%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	4,815	1,038	363.9%	4,415	9.1%
PETRO OUTFRIGHT EURO	2,188	2,948	-25.8%	1,728	26.6%
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	0	0	-	0	-
PETRO OUTFRIGHT EURO	234	398	-41.2%	199	17.6%
PETRO OUTFRIGHT EURO	3,939	3,381	16.5%	3,708	6.2%
PETRO OUTFRIGHT EURO	4,098	2,419	69.4%	2,973	37.8%
PETRO OUTFRIGHT EURO	750	20	3,650.0%	1,050	-28.6%

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.

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Commodity	Open Interest NOV 2021	Open Interest NOV 2020	% CHG	Open Interest OCT 2021	% CHG	
Energy Futures						
PETRO OUTRIGHT EURO	T0	0	0	-	0	-
PETRO OUTRIGHT EURO	T2B	0	0	-	0	-
PETRO OUTRIGHT EURO	TLB	33	0	-	25	32.0%
PETRO OUTRIGHT EURO	TMB	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	0	400	-100.0%	0	-
PETRO OUTRIGHT EURO	UNB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	198	0	-	216	-8.3%
PETRO OUTRIGHT NA	A8B	0	0	-	215	-100.0%
PETRO OUTRIGHT NA	AB6	170	50	240.0%	145	17.2%
PETRO OUTRIGHT NA	BCR	2,100	673	212.0%	2,942	-28.6%
PETRO OUTRIGHT NA	DBB	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	0	0	-	32	-100.0%
PETRO OUTRIGHT NA	H5B	0	0	-	0	-
PETRO OUTRIGHT NA	JE	160	585	-72.6%	210	-23.8%
PETRO OUTRIGHT NA	JET	550	790	-30.4%	1,275	-56.9%
PETRO OUTRIGHT NA	JTB	0	0	-	0	-
PETRO OUTRIGHT NA	MBL	410	135	203.7%	384	6.8%
PETRO OUTRIGHT NA	MEN	308	30	926.7%	95	224.2%
PETRO OUTRIGHT NA	MEO	533	1,582	-66.3%	782	-31.8%
PETRO OUTRIGHT NA	MFD	0	10	-100.0%	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	25,280	52,600	-51.9%	27,205	-7.1%
PJM AD HUB 5MW REAL TIME	Z9	1,390	3,479	-60.0%	1,495	-7.0%
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	292	286	2.1%	292	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	-
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	-
PJM NI HUB 5MW REAL TIME	B3	230	2,670	-91.4%	440	-47.7%
PJM NI HUB 5MW REAL TIME	B6	3,760	48,600	-92.3%	7,610	-50.6%
PJM NILL DA OFF-PEAK	L3	0	0	-	0	-
PJM NILL DA PEAK	N3	0	0	-	0	-
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	-	0	-
PJM PSEG DA OFF-PEAK	W6	0	0	-	0	-
PJM PSEG DA PEAK	L6	0	0	-	0	-
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	-
PJM WESTHDA PEAK	J4	0	0	0.0%	0	-
PJM WESTH RT OFF-PEAK	N9	218,120	313,680	-30.5%	225,820	-3.4%
PJM WESTH RT PEAK	L1	20,675	25,713	-19.6%	23,557	-12.2%
PLASTICS	PGP	3,486	3,240	7.6%	2,596	34.3%
PREMIUM UNLD 10P FOB MED	3G	180	0	-	180	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-LDHD MB (OPIS) BALMO SWP	1S	1,043	850	22.7%	890	17.2%
PROPANE NON-LDHD MT. BEL (OPIS) SWP	1R	50,626	55,853	-9.4%	49,076	3.2%
RBOB CALENDAR SWAP	RL	13,920	13,845	0.5%	15,702	-11.3%
RBOB CRACK SPREAD	RM	13,221	2,120	523.6%	13,641	-3.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-

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Energy Futures						
RBOB GASOLINE BALMO CLNDR	1D	833	251	231.9%	713	16.8%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	240	450	-46.7%	360	-33.3%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-
SAN JUAN PIPE SWAP	XX	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	0	-
SINGAPORE 380CST BALMO	BT	0	0	-	13	-100.0%
SINGAPORE 380CST FUEL OIL	SE	386	395	-2.3%	356	8.4%
SINGAPORE FUEL 180CST CAL	UA	0	0	-	0	-
SINGAPORE FUEL OIL 180 CS	GMS	8	0	-	12	-33.3%
SINGAPORE FUEL OIL SPREAD	SD	0	30	-100.0%	0	-
SINGAPORE GASOIL	MAF	532	250	112.8%	412	29.1%
SINGAPORE GASOIL	MTB	0	0	-	10	-100.0%
SINGAPORE GASOIL	MTS	896	265	238.1%	950	-5.7%
SINGAPORE GASOIL	SBM	60	5	1,100.0%	0	-
SINGAPORE GASOIL	STZ	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	607	1,498	-59.5%	993	-38.9%
SINGAPORE GASOIL SWAP	SG	1,539	2,548	-39.6%	2,096	-26.6%
SINGAPORE GASOIL VS ICE	GA	5,029	1,140	341.1%	5,661	-11.2%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	2,974	575	417.2%	1,950	52.5%
SINGAPORE JET KEROSENE SW	KS	1,090	615	77.2%	870	25.3%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	2,521	3,088	-18.4%	2,351	7.2%
SING FUEL	MSD	0	0	-	0	-
Sumas Basis Swap	NK	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	TM	205	30	583.3%	210	-2.4%
TC5 RAS TANURA TO YOKOHAM	TH	360	150	140.0%	480	-25.0%
TCO BASIS SWAP	TC	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	5,029	6,251	-19.5%	5,485	-8.3%
TEXAS EASTERN ZONE M-3 BA	NX	0	909	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	125	-100.0%	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-
UCM FUT	UCM	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	0	150	-100.0%	0	-
ULSD UP-DOWN BALMO SWP	1L	6,130	5,595	9.6%	5,740	6.8%
UP DOWN GC ULSD VS NMX HO	LT	54,550	51,628	5.7%	59,222	-7.9%
WAHA BASIS	NW	0	31	-100.0%	0	-
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-
WTI-BRENT CALENDAR SWAP	BK	100,561	85,068	18.2%	94,679	6.2%
WTI CALENDAR	CS	157,460	169,670	-7.2%	155,902	1.0%
WTI MIDLAND CRUDE OIL	WTL	0	50	-100.0%	420	-100.0%
WTS (ARGUS) VS WTI SWAP	FF	43,164	66,313	-34.9%	46,961	-8.1%
WTS (ARGUS) VS WTI TRD MT	FH	7,215	10,387	-30.5%	7,588	-4.9%
Energy Options						
BRENT CALENDAR SWAP	BA	1,556	1,756	-11.4%	1,784	-12.8%
BRENT CRUDE OIL 1 M CSO	9C	125,400	5,700	2,100.0%	145,500	-13.8%
BRENT OIL LAST DAY	BE	39,456	105,002	-62.4%	39,706	-0.6%
BRENT OIL LAST DAY	BZO	66,433	58,040	14.5%	35,318	88.1%
BRENT OIL LAST DAY	OS	0	0	-	0	-

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Energy Options						
COAL API2 INDEX	CLA	0	0	-	0	-
COAL API2 INDEX	CQA	0	0	-	0	-
COAL API2 INDEX	F2C	990	0	-	880	12.5%
COAL API2 INDEX	F2Q	125	0	-	175	-28.6%
CRUDE OIL	6Y	0	50	-100.0%	0	-
CRUDE OIL 1MO	WA	249,350	435,800	-42.8%	289,510	-13.9%
CRUDE OIL APO	AO	217,160	291,110	-25.4%	227,877	-4.7%
CRUDE OIL CALNDR STRIP	6F	0	170	-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	43,445	18,970	129.0%	56,133	-22.6%
CRUDE OIL PHY	LO	1,982,523	1,365,803	45.2%	2,338,694	-15.2%
CRUDE OIL PHY	LO1	14,512	3,480	317.0%	7,318	98.3%
CRUDE OIL PHY	LO2	894	170	425.9%	1,076	-16.9%
CRUDE OIL PHY	LO3	108	107	0.9%	141	-23.4%
CRUDE OIL PHY	LO4	0	6	-100.0%	0	-
CRUDE OIL PHY	LO5	0	0	-	0	0.0%
ELEC FINSETTLED	PJN	43	43	0.0%	43	0.0%
ETHANOL SWAP	CVR	9,811	10,212	-3.9%	8,331	17.8%
ETHANOL SWAP	GVR	0	130	-100.0%	0	-
FREIGHT MARKETS	TDT	0	0	-	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	3,705	1,200	208.8%	3,960	-6.4%
HEATING OIL PHY	FZ	0	0	-	275	-100.0%
HEATING OIL PHY	LB	508	550	-7.6%	635	-20.0%
HEATING OIL PHY	OH	27,920	14,287	95.4%	32,318	-13.6%
HENRY HUB FINANCIAL LAST	E7	29,665	36,226	-18.1%	29,077	2.0%
HO 1 MONTH CLNDR OPTIONS	FA	200	0	-	200	0.0%
LLS CRUDE OIL	WJO	0	0	-	0	-
LLS CRUDE OIL	WTO	0	1,200	-100.0%	100	-100.0%
MCCLOSKEY ARA ARGS COAL	MTO	402	4,897	-91.8%	726	-44.6%
MCCLOSKEY RCH BAY COAL	MFO	0	50	-100.0%	0	-
NATURAL GAS 1 M CSO FIN	G4	162,495	75,360	115.6%	155,070	4.8%
NATURAL GAS 2 M CSO FIN	G2	17,750	4,700	277.7%	14,000	26.8%
NATURAL GAS 3 M CSO FIN	G3	0	0	-	0	-
NATURAL GAS 5 M CSO FIN	G5	5,250	1,000	425.0%	0	-
NATURAL GAS 6 M CSO FIN	G6	34,350	15,900	116.0%	31,300	9.7%
NATURAL GAS OPT	JKO	4,315	0	-	3,915	10.2%
NATURAL GAS OPT	TFO	24,990	70,650	-64.6%	32,370	-22.8%
NATURAL GAS OPTION ON CALENDAR STRP	6J	47,084	26,440	78.1%	47,384	-0.6%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,238,259	2,400,208	-6.7%	2,435,204	-8.1%
NATURAL GAS PHY	ON	65,903	41,206	59.9%	72,799	-9.5%
NATURAL GAS SUMMER STRIP	4D	0	400	-100.0%	0	-
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-
NY HARBOR HEAT OIL SWP	AT	7,482	6,300	18.8%	7,764	-3.6%
PETROCHEMICALS	4H	8,131	562	1,346.8%	7,908	2.8%
PETROCHEMICALS	4J	1,010	620	62.9%	1,215	-16.9%
PETROCHEMICALS	4K	0	520	-100.0%	0	-
PETROCHEMICALS	CPR	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	0	4	-100.0%	0	-



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Energy Options						
PETRO OUTRIGHT NA	1N5	0	0	-	0	-
PETRO OUTRIGHT NA	DAP	1,120	645	73.6%	1,080	3.7%
PJM WES HUB PEAK CAL MTH	6OA	850	1,510	-43.7%	850	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	512	-100.0%	46	-100.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	401	1,416	-71.7%	673	-40.4%
RBOB CRACK	RX	0	0	-	0	-
RBOB PHY	OB	6,918	8,199	-15.6%	13,382	-48.3%
RBOB PHY	RF	0	0	-	0	-
SAN JUAN PIPE SWAP	PJ	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	50	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	-
SHORT TERM NATURAL GAS	U29	0	0	-	0	-
SHORT TERM NATURAL GAS	U30	0	0	-	0	-
SHORT TERM NATURAL GAS	U31	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	190,460	146,780	29.8%	170,000	12.0%
WTI CRUDE OIL 1 M CSO FI	7A	42,350	252,875	-83.3%	87,425	-51.6%
Metals Futures						
COMEX GOLD	GC	531,868	541,982	-1.9%	504,956	5.3%
NYMEX HOT ROLLED STEEL	HR	37,391	20,348	83.8%	37,723	-0.9%
NYMEX PLATINUM	PL	62,385	55,796	11.8%	56,053	11.3%
PALLADIUM	PA	9,621	9,802	-1.8%	10,731	-10.3%
URANIUM	UX	800	303	164.0%	800	0.0%
COMEX SILVER	SI	138,003	152,747	-9.7%	142,022	-2.8%

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

NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity		Open Interest NOV 2021	Open Interest NOV 2020	% CHG	Open Interest OCT 2021	% CHG
Metals Futures						
COMEX E-Mini GOLD	QO	1,410	2,643	-46.7%	2,092	-32.6%
COMEX E-Mini SILVER	QI	473	608	-22.2%	749	-36.8%
COMEX COPPER	HG	184,214	237,890	-22.6%	217,440	-15.3%
COMEX MINY COPPER	QC	351	262	34.0%	439	-20.0%
ALUMINUM	A38	30	0	-	60	-50.0%
ALUMINUM	AEP	8,102	11,468	-29.4%	8,011	1.1%
ALUMINUM	ALA	855	863	-0.9%	995	-14.1%
ALUMINUM	ALI	152	160	-5.0%	223	-31.8%
ALUMINUM	AUP	24,128	33,892	-28.8%	23,952	0.7%
ALUMINUM	CUP	0	0	-	0	-
ALUMINUM	EDP	15,976	11,738	36.1%	14,522	10.0%
ALUMINUM	MJP	4,022	3,830	5.0%	2,685	49.8%
COBALT METAL FUTURES	COB	1,730	0	-	1,825	-5.2%
COPPER	HGS	17,244	16,521	4.4%	17,963	-4.0%
FERROUS PRODUCTS	BUS	4,106	3,729	10.1%	4,338	-5.3%
GOLD	4GC	0	10	-100.0%	0	-
GOLD	SGC	520	217	139.6%	534	-2.6%
GOLD	SGU	705	403	74.9%	634	11.2%
HOT ROLLED COIL STEEL FUTURES	EHR	1,938	842	130.2%	2,073	-6.5%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	-	0	-
IRON ORE CHINA	TIO	2,409	1,939	24.2%	2,164	11.3%
LNDN ZINC	ZNC	0	0	-	0	-
METALS	HDG	100	5	1,900.0%	100	0.0%
METALS	LTH	0	0	-	5	-100.0%
MICRO GOLD	MGC	21,198	30,984	-31.6%	23,105	-8.3%
SILVER	SIL	5,973	4,601	29.8%	6,369	-6.2%
Metals Options						
ALUMINUM	ALO	1,450	40	3,525.0%	1,650	-12.1%
COMEX COPPER	HX	45,734	13,577	236.8%	67,189	-31.9%
COMEX GOLD	OG	690,834	939,188	-26.4%	874,828	-21.0%
COMEX SILVER	SO	80,102	89,802	-10.8%	108,285	-26.0%
COPPER	H1E	0	0	-	1	-100.0%
COPPER	H2E	1	0	-	0	-
COPPER	H3E	0	0	-	0	-
COPPER	H4E	0	0	-	0	-
COPPER	H5E	0	0	-	0	0.0%
GOLD	OG1	18,180	11,588	56.9%	10,604	71.4%
GOLD	OG2	16,033	4,514	255.2%	7,620	110.4%
GOLD	OG3	4,013	1,537	161.1%	609	558.9%
GOLD	OG4	390	10	3,800.0%	0	-
GOLD	OG5	0	0	-	0	0.0%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	-	0	-
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	-	0	-
IRON ORE CHINA	ICT	626	2,040	-69.3%	844	-25.8%
NYMEX HOT ROLLED STEEL	HRO	1,985	975	103.6%	1,820	9.1%
NYMEX PLATINUM	PO	15,215	2,582	489.3%	13,204	15.2%
PALLADIUM	PAO	221	637	-65.3%	835	-73.5%
SILVER	SO1	2,134	819	160.6%	1,258	69.6%
SILVER	SO2	1,233	242	409.5%	751	64.2%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest NOV 2021	Open Interest NOV 2020	% CHG	Open Interest OCT 2021	% CHG
Metals Options					
SILVER SO3	316	70	351.4%	35	802.9%
SILVER SO4	51	0	0.0%	0	-
SILVER SO5	0	0	-	0	0.0%
TOTAL FUTURES GROUP					
Ag Products Futures	0	0	-	0	-
Energy Futures	7,215,108	7,875,079	-8.4%	7,509,421	-3.9%
Metals Futures	1,075,704	1,143,583	-5.9%	1,082,563	-0.6%
TOTAL FUTURES	8,290,812	9,018,662	-8.1%	8,591,984	-3.5%
TOTAL OPTIONS GROUP					
Energy Options	5,673,374	5,410,766	4.9%	6,302,162	-10.0%
Metals Options	878,518	1,067,621	-17.7%	1,089,533	-19.4%
TOTAL OPTIONS	6,551,892	6,478,387	1.1%	7,391,695	-11.4%
TOTAL COMBINED					
Ag Products	0	0	-	0	-
Energy	12,888,482	13,285,845	-3.0%	13,811,583	-6.7%
Metals	1,954,222	2,211,204	-11.6%	2,172,096	-10.0%
GRAND TOTAL	14,842,704	15,497,049	-4.2%	15,983,679	-7.1%