

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

Commodity	Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 2021	% CHG	
<b>Ag Products Futures</b>						
COCOA TAS	CJ	0	0	-	0	-
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	0	-	0	-
SUGAR 11	YO	0	0	-	0	-
<b>Energy Futures</b>						
CRUDE OIL PHY	CL	2,124,479	2,023,400	5.0%	2,176,724	-2.4%
CRUDE OIL	WS	8	5,036	-99.8%	8	0.0%
MINY WTI CRUDE OIL	QM	4,295	3,236	32.7%	5,667	-24.2%
BRENT OIL LAST DAY	BZ	203,684	171,746	18.6%	205,686	-1.0%
HEATING OIL PHY	HO	425,220	407,884	4.3%	435,578	-2.4%
HTG OIL	BH	129	118	9.3%	128	0.8%
MINY HTG OIL	QH	0	0	-	0	0.0%
RBOB PHY	RB	304,196	368,982	-17.6%	321,248	-5.3%
MINY RBOB GAS	QU	0	2	-100.0%	1	-100.0%
NATURAL GAS	HP	173,454	127,883	35.6%	150,044	15.6%
LTD NAT GAS	HH	539,921	384,385	40.5%	563,174	-4.1%
MINY NATURAL GAS	QG	4,249	5,701	-25.5%	6,922	-38.6%
PJM MONTHLY	JM	0	0	-	0	-
NATURAL GAS PHY	NG	1,267,567	1,172,915	8.1%	1,366,597	-7.2%
RBOB GAS	RT	91	91	0.0%	74	23.0%
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	13,085	8,362	56.5%	14,105	-7.2%
ARGUS PROPAN FAR EST INDE	7E	5,772	4,888	18.1%	5,828	-1.0%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,836	2,410	-23.8%	1,696	8.3%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-
BRENT BALMO SWAP	J9	0	0	-	300	-100.0%
BRENT CALENDAR SWAP	CY	18,413	13,704	34.4%	18,898	-2.6%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-
BRENT FINANCIAL FUTURES	MBC	0	15	-100.0%	0	-
BRENT FINANCIAL FUTURES	MDB	0	100	-100.0%	4	-100.0%
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	2,414	0	-	1,881	28.3%
CAR VINTAGE	NGO	7,452	0	-	7,128	4.5%
CENTERPOINT BASIS SWAP	PW	0	0	-	0	-
CHICAGO ETHANOL SWAP	CU	43,716	31,179	40.2%	36,482	19.8%
CHICAGO ULSD PL VS HO SPR	5C	810	1,432	-43.4%	996	-18.7%
CHICAGO UNL GAS PL VS RBO	3C	0	195	-100.0%	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	5,544	-100.0%	0	-
CIN HUB 5MW REAL TIME PK	H3	0	294	-100.0%	0	-
COAL SWAP	ACM	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	0	44	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	2,283	833	174.1%	2,328	-1.9%



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<b>Energy Futures</b>						
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,879	2,195	-14.4%	1,674	12.2%
CONWAY PROPANE 5 DECIMALS SWAP	8K	25,883	26,349	-1.8%	27,075	-4.4%
CRUDE OIL	LPS	0	1,900	-100.0%	0	-
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	129	100	29.0%	572	-77.4%
CRUDE OIL OUTRIGHTS	CC5	2,658	1,374	93.4%	3,054	-13.0%
CRUDE OIL OUTRIGHTS	CSW	955	3,148	-69.7%	1,865	-48.8%
CRUDE OIL OUTRIGHTS	DAB	0	30	-100.0%	0	-
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	1,936	2,190	-11.6%	2,251	-14.0%
CRUDE OIL OUTRIGHTS	HTT	103,441	142,534	-27.4%	123,436	-16.2%
CRUDE OIL OUTRIGHTS	LSW	3,448	3,703	-6.9%	3,941	-12.5%
CRUDE OIL OUTRIGHTS	WCW	8,527	4,036	111.3%	8,314	2.6%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	0	168	-100.0%	0	-
CRUDE OIL PHY	MCL	8,361	0	-	7,761	7.7%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	2,128	480	343.3%	2,126	0.1%
CRUDE OIL SPRDS	HIL	12,673	17,074	-25.8%	13,344	-5.0%
CRUDE OIL SPRDS	WTT	69,003	81,388	-15.2%	73,355	-5.9%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	720	1,800	-60.0%	480	50.0%
DAILY PJM	IDO	15,948	17,955	-11.2%	18,848	-15.4%
DAILY PJM	NOC	1,440	600	140.0%	960	50.0%
DAILY PJM	PAP	0	250	-100.0%	0	-
DAILY PJM	PEO	0	5,130	-100.0%	0	-
DAILY PJM	PNO	0	0	-	0	-
DAILY PJM	PNP	0	0	-	0	-
DAILY PJM	PWO	0	1,026	-100.0%	0	-
DAILY PJM	PWP	0	50	-100.0%	0	-
DAILY PJM	WOR	2,880	3,000	-4.0%	1,920	50.0%
DAILY PJM	ZAO	0	1,026	-100.0%	0	-
DAILY PJM	ZGO	2,720	25,231	-89.2%	9,920	-72.6%
DAILY PJM	ZJO	0	1,539	-100.0%	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	1,350	150	800.0%	785	72.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	0	492	-100.0%	18	-100.0%
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	13,262	27,788	-52.3%	15,243	-13.0%
EAST/WEST FUEL OIL SPREAD	EW	0	3	-100.0%	0	-
EIA FLAT TAX ONHWAY DIESE	A5	2,343	5,176	-54.7%	2,820	-16.9%
ELEC FINSETTLED	47	0	128	-100.0%	0	-
ELEC MISO PEAK	4L	0	0	-	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-
ELECTRICITY OFF PEAK	46	0	2,370	-100.0%	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
ETHANOL	MTH	0	20	-100.0%	0	-
ETHANOL	Z1B	0	0	-	0	-
ETHANOL SWAP	MT2	790	510	54.9%	690	14.5%

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<b>Energy Futures</b>						
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	8,844	7,502	17.9%	8,161	8.4%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	30	0	-	10	200.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	1,768	0	-	1,082	63.4%
EUROPE 1% FUEL OIL NWE CA	UF	66	0	-	74	-10.8%
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	261	805	-67.6%	227	15.0%
EUROPEAN GASOIL (ICE)	7F	3,531	73	4,737.0%	3,381	4.4%
EUROPEAN NAPHTHA BALMO	KZ	0	0	-	23	-100.0%
EUROPEAN NAPHTHA CRACK SPR	EN	7,613	3,514	116.6%	7,243	5.1%
EUROPE DATED BRENT SWAP	UB	11	33	-66.7%	12	-8.3%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	10	-100.0%
EUROPE NAPHTHA CALSWAP	UN	1,399	823	70.0%	1,280	9.3%
EURO PROPANE CIF ARA SWA	PS	2,754	2,716	1.4%	2,559	7.6%
FREIGHT MARKETS	ACB	0	255	-100.0%	0	-
FREIGHT MARKETS	BF1	0	0	-	0	-
FREIGHT MARKETS	BF2	81	297	-72.7%	111	-27.0%
FREIGHT MARKETS	BF3	0	0	-	0	-
FREIGHT MARKETS	BL2	175	0	-	95	84.2%
FREIGHT MARKETS	FLJ	45	0	-	43	4.7%
FREIGHT MARKETS	FLP	210	786	-73.3%	247	-15.0%
FREIGHT MARKETS	FRC	60	30	100.0%	60	0.0%
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	500	525	-4.8%	295	69.5%
FREIGHT MARKETS	T7C	0	95	-100.0%	0	-
FREIGHT MARKETS	T8C	0	0	-	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-
FREIGHT MARKETS	TD8	0	0	-	0	-
FREIGHT MARKETS	USC	0	0	-	0	-
FREIGHT MARKETS	USE	0	785	-100.0%	0	-
FUEL OIL CRACK VS ICE	FO	1,701	2,588	-34.3%	1,832	-7.2%
FUEL OIL NWE CRACK VS ICE	FI	72	39	84.6%	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	27	188	-85.6%	36	-25.0%
GAS EURO-BOB OXY NWE BARGES	7H	1,783	2,389	-25.4%	1,792	-0.5%
GAS EURO-BOB OXY NWE BARGES CRK	7K	15,870	15,993	-0.8%	15,646	1.4%
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	9	0	-	17	-47.1%
GASOIL 0.1 ROTTERDAM BARG	VL	88	30	193.3%	83	6.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	496	68	629.4%	352	40.9%
GASOIL CRACK SPREAD CALEN	GZ	6,156	3,147	95.6%	7,269	-15.3%
GASOIL MINI CALENDAR SWAP	QA	1,306	1,154	13.2%	1,452	-10.1%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	321	1,104	-70.9%	418	-23.2%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	7,125	6,778	5.1%	8,065	-11.7%
GRP THREE UNL GS (PLT) VS	A8	3,972	2,810	41.4%	4,258	-6.7%

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<b>Energy Futures</b>						
GULF COAST 3% FUEL OIL BA	VZ	0	375	-100.0%	0	-
GULF COAST JET FUEL CLNDR	GE	0	2,274	-100.0%	0	-
GULF COAST JET VS NYM 2 H	ME	18,761	20,297	-7.6%	19,835	-5.4%
GULF COAST NO.6 FUEL OIL	MF	2,525	10,409	-75.7%	3,008	-16.1%
GULF COAST NO.6 FUEL OIL	MG	10,785	105	10,171.4%	5,875	83.6%
GULF COAST ULSD CALENDAR	LY	2,280	6,673	-65.8%	2,859	-20.3%
GULF COAST ULSD CRACK SPR	GY	30	300	-90.0%	40	-25.0%
HEATING OIL BALMO CLNDR S	1G	394	100	294.0%	200	97.0%
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	50	-100.0%	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	868	-100.0%	0	-
HENRY HUB SWAP	NN	530,920	697,242	-23.9%	543,173	-2.3%
HOUSTON SHIP CHANNEL BASI	NH	305	2,618	-88.3%	460	-33.7%
ICE BRENT DUBAI SWAP	DB	2,477	11,089	-77.7%	2,772	-10.6%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
INDIANA MISO	FAD	0	0	-	0	-
INDIANA MISO	FTD	0	840	-100.0%	0	-
INDIANA MISO	PDD	0	12	-100.0%	0	-
INDIANA MISO	PTD	0	49	-100.0%	0	-
INDONESIAN COAL ICI4	ICI	60	383	-84.3%	60	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-
JAPAN C&F NAPHTHA SWAP	JA	181	302	-40.1%	207	-12.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	12	-100.0%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-
JET CIF NWE VS ICE	JC	736	15	4,806.7%	741	-0.7%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	1,160	1,095	5.9%	3,040	-61.8%
JKM LNG Futures	JKM	2,559	8,865	-71.1%	2,761	-7.3%
LA CARB DIESEL (OPIS) SWA	KL	340	224	51.8%	620	-45.2%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-
LA JET (OPIS) SWAP	JS	1,205	622	93.7%	1,220	-1.2%
LLS (ARGUS) CALENDAR SWAP	XA	0	114	-100.0%	0	-
LLS (ARGUS) VS WTI SWAP	WJ	2,772	5,387	-48.5%	2,598	6.7%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	530	270	96.3%	340	55.9%
MARS (ARGUS) VS WTI TRD M	YV	13,450	13,416	0.3%	15,090	-10.9%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	20,996	16,616	26.4%	18,164	15.6%
MCCLOSKEY RCH BAY COAL	MFF	1,450	1,230	17.9%	1,232	17.7%
MGF FUT	MGF	0	0	-	0	-
MGN1 SWAP FUT	MGN	0	105	-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	0	334	-100.0%	17	-100.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	320	-100.0%	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	740	1,049	-29.5%	1,117	-33.8%
MJC FUT	MJC	40	15	166.7%	40	0.0%
MNC FUT	MNC	2,047	976	109.7%	2,222	-7.9%
MONT BELVIEU ETHANE 5 DECIMAL	CO	52,443	63,105	-16.9%	53,976	-2.8%

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MONT BELVIEU ETHANE OPIS BALMO	8C	4,571	660	592.6%	665	587.4%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	136,177	143,421	-5.1%	132,814	2.5%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,368	3,237	-26.8%	3,363	-29.6%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	34,084	32,741	4.1%	32,970	3.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	710	325	118.5%	1,195	-40.6%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	64,654	70,165	-7.9%	64,768	-0.2%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,334	1,677	-20.5%	1,448	-7.9%
NAT GAS BASIS SWAP	TZ6	0	0	-	0	-
NATURAL GAS PEN SWP	NP	200,531	220,836	-9.2%	204,059	-1.7%
NEPOOL INTR HUB 5MW D AH	H2	18,784	180,088	-89.6%	29,564	-36.5%
NEPOOL INTR HUB 5MW D AH	U6	1,091	8,385	-87.0%	1,679	-35.0%
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	896	1,085	-17.4%	896	0.0%
NEW YORK ETHANOL SWAP	EZ	480	580	-17.2%	345	39.1%
NEW YORK HUB ZONE G PEAK	GN	320	1,071	-70.1%	320	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	248	-100.0%	0	-
NGPL MID-CONTINENT	NL	0	520	-100.0%	0	-
NGPL TEX/OK	PD	0	120	-100.0%	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	122	-100.0%	0	-
N ROCKIES PIPE SWAP	XR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	90	480	-81.3%	120	-25.0%
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	9,650	11,162	-13.5%	9,257	4.2%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	905	615	47.2%	1,105	-18.1%
NY HARBOR RESIDUAL FUEL 1	MM	725	1,152	-37.1%	675	7.4%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	HK	10,670	2,358	352.5%	9,414	13.3%
NYISO CAPACITY	LHV	0	62	-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	784	-100.0%	0	-
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	0	79,219	-100.0%	0	0.0%
NYISO ZONE G 5MW D AH PK	T3	6,605	9,302	-29.0%	6,815	-3.1%
NYISO ZONE J 5MW D AH O P	D4	0	1,176	-100.0%	0	-
NYISO ZONE J 5MW D AH PK	D3	0	176	-100.0%	0	-
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	429	1,646	-73.9%	41	946.3%
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	330	-100.0%	39	-100.0%
PERMIAN BASIS SWAP	PM	0	549	-100.0%	0	-
PETROCHEMICALS	22	254	160	58.8%	216	17.6%
PETROCHEMICALS	32	113	31	264.5%	39	189.7%

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

Commodity	Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 2021	% CHG
<b>Energy Futures</b>					
PETROCHEMICALS	3NA	64	15	326.7%	51 25.5%
PETROCHEMICALS	51	0	0	-	0 -
PETROCHEMICALS	81	0	0	-	60 -100.0%
PETROCHEMICALS	8I	7,521	6,894	9.1%	7,333 2.6%
PETROCHEMICALS	91	1,231	817	50.7%	1,042 18.1%
PETROCHEMICALS	MAA	165	0	-	45 266.7%
PETROCHEMICALS	MAE	3,220	2,185	47.4%	2,043 57.6%
PETROCHEMICALS	MAS	1,631	518	214.9%	676 141.3%
PETROCHEMICALS	MBE	115	140	-17.9%	60 91.7%
PETROCHEMICALS	MNB	1,305	1,236	5.6%	1,590 -17.9%
PETROCHEMICALS	MPS	1,709	1,533	11.5%	1,611 6.1%
PETROCHEMICALS	PMF	5	0	-	5 0.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	-	0 -
PETRO CRCKS & SPRDS ASIA	STR	0	60	-100.0%	0 -
PETRO CRCKS & SPRDS ASIA	STS	150	300	-50.0%	175 -14.3%
PETRO CRCKS & SPRDS NA	CRB	27,166	15,566	74.5%	28,372 -4.3%
PETRO CRCKS & SPRDS NA	EXR	1,172	1,289	-9.1%	1,040 12.7%
PETRO CRCKS & SPRDS NA	FOC	0	280	-100.0%	0 -
PETRO CRCKS & SPRDS NA	GBB	0	130	-100.0%	55 -100.0%
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0 -
PETRO CRCKS & SPRDS NA	GCI	0	507	-100.0%	50 -100.0%
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0 -
PETRO CRCKS & SPRDS NA	GCU	580	3,111	-81.4%	690 -15.9%
PETRO CRCKS & SPRDS NA	GFC	0	0	-	460 -100.0%
PETRO CRCKS & SPRDS NA	HOB	4,496	7,662	-41.3%	4,743 -5.2%
PETRO CRCKS & SPRDS NA	MFR	36	0	-	72 -50.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0 -
PETRO CRCKS & SPRDS NA	RBB	5,128	8,923	-42.5%	3,467 47.9%
PETRO CRCKS & SPRDS NA	RVG	245	5,375	-95.4%	570 -57.0%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0 -
PETRO CRK&SPRD EURO	1NB	123	300	-59.0%	183 -32.8%
PETRO CRK&SPRD EURO	43	0	9	-100.0%	0 -
PETRO CRK&SPRD EURO	BFR	0	0	-	0 -
PETRO CRK&SPRD EURO	BOB	673	974	-30.9%	630 6.8%
PETRO CRK&SPRD EURO	EOB	0	0	-	0 -
PETRO CRK&SPRD EURO	EPN	915	1,000	-8.5%	879 4.1%
PETRO CRK&SPRD EURO	EVC	428	96	345.8%	418 2.4%
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	3	-100.0%	0 -
PETRO CRK&SPRD EURO	MGB	10	0	-	60 -83.3%
PETRO CRK&SPRD EURO	MUD	0	0	-	0 -
PETRO CRK&SPRD EURO	NBB	0	0	-	0 -
PETRO CRK&SPRD EURO	NOB	451	498	-9.4%	484 -6.8%
PETRO CRK&SPRD EURO	SFB	0	0	-	0 -
PETROLEUM PRODUCTS	1NM	0	120	-100.0%	100 -100.0%
PETROLEUM PRODUCTS	BEB	0	0	-	0 -
PETROLEUM PRODUCTS	BEF	2	0	-	2 0.0%
PETROLEUM PRODUCTS	CMS	310	0	-	60 416.7%
PETROLEUM PRODUCTS	EWG	3,041	625	386.6%	1,903 59.8%
PETROLEUM PRODUCTS	H5F	0	244	-100.0%	0 -

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

Commodity	Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 2021	% CHG	
<b>Energy Futures</b>						
PETROLEUM PRODUCTS	JCC	1,172	1,550	-24.4%	522	124.5%
PETROLEUM PRODUCTS	MME	0	0	-	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	NCC	0	0	-	0	-
PETROLEUM PRODUCTS	R5E	5	0	-	0	-
PETROLEUM PRODUCTS	R5F	178	50	256.0%	129	38.0%
PETROLEUM PRODUCTS	S53	6	36	-83.3%	8	-25.0%
PETROLEUM PRODUCTS	UCS	0	65	-100.0%	0	-
PETROLEUM PRODUCTS	UP5	0	99	-100.0%	0	-
PETROLEUM PRODUCTS	VU	15	295	-94.9%	0	-
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	MJN	839	608	38.0%	760	10.4%
PETROLEUM PRODUCTS ASIA	MSB	0	0	-	0	-
PETRO OUTFRIGHT EURO	OB	174	83	109.6%	176	-1.1%
PETRO OUTFRIGHT EURO	OC	0	0	-	0	-
PETRO OUTFRIGHT EURO	OD	215	351	-38.7%	210	2.4%
PETRO OUTFRIGHT EURO	OE	0	0	-	0	-
PETRO OUTFRIGHT EURO	OF	1	20	-95.0%	3	-66.7%
PETRO OUTFRIGHT EURO	1T	0	0	-	10	-100.0%
PETRO OUTFRIGHT EURO	5L	0	0	-	0	-
PETRO OUTFRIGHT EURO	63	0	0	-	0	-
PETRO OUTFRIGHT EURO	7I	0	25	-100.0%	0	-
PETRO OUTFRIGHT EURO	7R	20	11	81.8%	5	300.0%
PETRO OUTFRIGHT EURO	88	0	0	-	0	-
PETRO OUTFRIGHT EURO	CBB	0	5	-100.0%	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CPB	60	147	-59.2%	167	-64.1%
PETRO OUTFRIGHT EURO	EFF	0	0	-	0	-
PETRO OUTFRIGHT EURO	EFM	0	0	-	2	-100.0%
PETRO OUTFRIGHT EURO	ENS	0	9	-100.0%	0	-
PETRO OUTFRIGHT EURO	EWN	768	12	6,300.0%	474	62.0%
PETRO OUTFRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTFRIGHT EURO	GNO	0	0	-	0	-
PETRO OUTFRIGHT EURO	H5G	0	276	-100.0%	0	-
PETRO OUTFRIGHT EURO	JFB	0	0	-	0	-
PETRO OUTFRIGHT EURO	M1B	3,653	3,401	7.4%	4,416	-17.3%
PETRO OUTFRIGHT EURO	M35	0	0	-	0	-
PETRO OUTFRIGHT EURO	MBB	0	0	-	30	-100.0%
PETRO OUTFRIGHT EURO	MBN	1,028	1,262	-18.5%	977	5.2%
PETRO OUTFRIGHT EURO	MEF	396	270	46.7%	581	-31.8%
PETRO OUTFRIGHT EURO	MQA	65	0	-	30	116.7%
PETRO OUTFRIGHT EURO	R53	63	18	250.0%	67	-6.0%
PETRO OUTFRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTFRIGHT EURO	R5M	4,415	1,020	332.8%	4,431	-0.4%
PETRO OUTFRIGHT EURO	R5O	1,728	2,848	-39.3%	1,904	-9.2%
PETRO OUTFRIGHT EURO	RBM	0	0	-	7	-100.0%
PETRO OUTFRIGHT EURO	S5B	0	0	-	0	-
PETRO OUTFRIGHT EURO	S5F	199	374	-46.8%	220	-9.5%
PETRO OUTFRIGHT EURO	S5M	3,708	3,479	6.6%	3,404	8.9%
PETRO OUTFRIGHT EURO	S5O	2,973	2,197	35.3%	2,203	35.0%
PETRO OUTFRIGHT EURO	SMU	1,050	30	3,400.0%	1,200	-12.5%
PETRO OUTFRIGHT EURO	T0	0	0	-	0	-

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

Commodity	Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 2021	% CHG	
<b>Energy Futures</b>						
PETRO OUTFRIGHT EURO	T2B	0	0	-	0	-
PETRO OUTFRIGHT EURO	TLB	25	0	-	0	-
PETRO OUTFRIGHT EURO	TMB	0	0	-	0	-
PETRO OUTFRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTFRIGHT EURO	UNB	0	0	-	0	-
PETRO OUTFRIGHT EURO	V0	216	0	-	234	-7.7%
PETRO OUTFRIGHT NA	A8B	215	0	-	75	186.7%
PETRO OUTFRIGHT NA	AB6	145	440	-67.0%	50	190.0%
PETRO OUTFRIGHT NA	BCR	2,942	710	314.4%	1,525	92.9%
PETRO OUTFRIGHT NA	DBB	0	0	-	0	-
PETRO OUTFRIGHT NA	FCB	32	0	-	0	-
PETRO OUTFRIGHT NA	H5B	0	0	-	0	-
PETRO OUTFRIGHT NA	JE	210	540	-61.1%	260	-19.2%
PETRO OUTFRIGHT NA	JET	1,275	1,265	0.8%	1,475	-13.6%
PETRO OUTFRIGHT NA	JTB	0	90	-100.0%	340	-100.0%
PETRO OUTFRIGHT NA	MBL	384	172	123.3%	136	182.4%
PETRO OUTFRIGHT NA	MEN	95	0	-	87	9.2%
PETRO OUTFRIGHT NA	MEO	782	1,683	-53.5%	941	-16.9%
PETRO OUTFRIGHT NA	MFD	0	15	-100.0%	0	-
PETRO OUTFRIGHT NA	MMF	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	27,205	58,615	-53.6%	29,245	-7.0%
PJM AD HUB 5MW REAL TIME	Z9	1,495	4,319	-65.4%	1,600	-6.6%
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%	312	-6.4%
PJM DAYTON DA OFF-PEAK	R7	0	3,920	-100.0%	0	-
PJM DAYTON DA PEAK	D7	0	220	-100.0%	0	-
PJM NI HUB 5MW REAL TIME	B3	440	2,770	-84.1%	650	-32.3%
PJM NI HUB 5MW REAL TIME	B6	7,610	50,605	-85.0%	11,690	-34.9%
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	784	-100.0%	0	-
PJM WESTHDA PEAK	J4	0	44	-100.0%	0	-
PJM WESTH RT OFF-PEAK	N9	225,820	323,705	-30.2%	233,980	-3.5%
PJM WESTH RT PEAK	L1	23,557	28,573	-17.6%	26,455	-11.0%
PLASTICS	PGP	2,596	3,283	-20.9%	2,264	14.7%
PREMIUM UNLD 10P FOB MED	3G	180	21	757.1%	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	890	2,375	-62.5%	879	1.3%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	49,076	60,165	-18.4%	52,291	-6.1%
RBOB CALENDAR SWAP	RL	15,702	13,382	17.3%	14,588	7.6%
RBOB CRACK SPREAD	RM	13,641	2,635	417.7%	12,042	13.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	713	229	211.4%	1,885	-62.2%

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

Commodity		Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 2021	% CHG
<b>Energy Futures</b>						
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	360	575	-37.4%	430	-16.3%
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	13	0	-	10	30.0%
SINGAPORE 380CST FUEL OIL	SE	356	401	-11.2%	321	10.9%
SINGAPORE FUEL 180CST CAL	UA	0	18	-100.0%	0	-
SINGAPORE FUEL OIL 180 CS	GMS	12	0	-	12	0.0%
SINGAPORE FUEL OIL SPREAD	SD	0	45	-100.0%	0	-
SINGAPORE GASOIL	MAF	412	197	109.1%	591	-30.3%
SINGAPORE GASOIL	MTB	10	0	-	0	-
SINGAPORE GASOIL	MTS	950	287	231.0%	901	5.4%
SINGAPORE GASOIL	SBM	0	79	-100.0%	25	-100.0%
SINGAPORE GASOIL	STZ	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	993	1,807	-45.0%	1,652	-39.9%
SINGAPORE GASOIL SWAP	SG	2,096	1,375	52.4%	2,656	-21.1%
SINGAPORE GASOIL VS ICE	GA	5,661	1,710	231.1%	5,111	10.8%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	1,950	575	239.1%	2,040	-4.4%
SINGAPORE JET KEROSENE SW	KS	870	765	13.7%	600	45.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	300	-100.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	2,351	4,898	-52.0%	1,567	50.0%
SING FUEL	MSD	0	0	-	0	-
Sumas Basis Swap	NK	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	TM	210	45	366.7%	15	1,300.0%
TC5 RAS TANURA TO YOKOHAM	TH	480	225	113.3%	195	146.2%
TCO BASIS SWAP	TC	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	5,485	6,992	-21.6%	5,310	3.3%
TEXAS EASTERN ZONE M-3 BA	NX	0	1,179	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	250	-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	120	-100.0%	0	-
ULSD UP-DOWN BALMO SWP	1L	5,740	2,912	97.1%	3,670	56.4%
UP DOWN GC ULSD VS NMX HO	LT	59,222	49,899	18.7%	67,425	-12.2%
WAHA BASIS	NW	0	61	-100.0%	0	-
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	-
WTI-BRENT CALENDAR SWAP	BK	94,679	84,354	12.2%	97,990	-3.4%
WTI CALENDAR	CS	155,902	153,627	1.5%	151,765	2.7%
WTI MIDLAND CRUDE OIL	WTL	420	50	740.0%	840	-50.0%
WTS (ARGUS) VS WTI SWAP	FF	46,961	70,794	-33.7%	44,430	5.7%
WTS (ARGUS) VS WTI TRD MT	FH	7,588	10,315	-26.4%	8,261	-8.1%
<b>Energy Options</b>						
BRENT CALENDAR SWAP	BA	1,784	1,779	0.3%	2,263	-21.2%
BRENT CRUDE OIL 1 M CSO	9C	145,500	4,800	2,931.3%	155,700	-6.6%
BRENT OIL LAST DAY	BE	39,706	99,121	-59.9%	111,612	-64.4%
BRENT OIL LAST DAY	BZO	35,318	49,585	-28.8%	58,003	-39.1%
BRENT OIL LAST DAY	OS	0	0	-	0	-
COAL API2 INDEX	CLA	0	0	-	0	-

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

Commodity		Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 2021	% CHG
<b>Energy Options</b>						
COAL API2 INDEX	CQA	0	0	-	0	-
COAL API2 INDEX	F2C	880	0	-	880	0.0%
COAL API2 INDEX	F2Q	175	0	-	100	75.0%
CRUDE OIL	6Y	0	0	-	0	-
CRUDE OIL 1MO	WA	289,510	437,575	-33.8%	306,110	-5.4%
CRUDE OIL APO	AO	227,877	252,780	-9.9%	226,570	0.6%
CRUDE OIL CALNDR STRIP	6F	0	50	-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	56,133	36,627	53.3%	33,483	67.6%
CRUDE OIL PHY	LO	2,338,694	1,880,731	24.4%	2,180,292	7.3%
CRUDE OIL PHY	LO1	7,318	2,775	163.7%	15,351	-52.3%
CRUDE OIL PHY	LO2	1,076	460	133.9%	4,536	-76.3%
CRUDE OIL PHY	LO3	141	10	1,310.0%	0	-
CRUDE OIL PHY	LO4	0	0	-	251	-100.0%
CRUDE OIL PHY	LO5	0	0	0.0%	36	-100.0%
ELEC FINSETTLED	PJN	43	43	0.0%	43	0.0%
ETHANOL SWAP	CVR	8,331	11,644	-28.5%	5,888	41.5%
ETHANOL SWAP	GVR	0	195	-100.0%	0	-
FREIGHT MARKETS	TDT	0	0	-	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	3,960	0	-	4,215	-6.0%
HEATING OIL PHY	FZ	275	0	-	275	0.0%
HEATING OIL PHY	LB	635	644	-1.4%	825	-23.0%
HEATING OIL PHY	OH	32,318	20,817	55.2%	28,351	14.0%
HENRY HUB FINANCIAL LAST	E7	29,077	37,478	-22.4%	31,157	-6.7%
HO 1 MONTH CLNDR OPTIONS	FA	200	0	-	200	0.0%
LLS CRUDE OIL	WJO	0	0	-	0	-
LLS CRUDE OIL	WTO	100	1,200	-91.7%	200	-50.0%
MCCLOSKEY ARA ARGS COAL	MTO	726	4,467	-83.7%	726	0.0%
MCCLOSKEY RCH BAY COAL	MFO	0	50	-100.0%	0	-
NATURAL GAS 1 M CSO FIN	G4	155,070	97,325	59.3%	133,275	16.4%
NATURAL GAS 2 M CSO FIN	G2	14,000	1,500	833.3%	16,200	-13.6%
NATURAL GAS 3 M CSO FIN	G3	0	0	-	0	-
NATURAL GAS 5 M CSO FIN	G5	0	1,000	-100.0%	0	-
NATURAL GAS 6 M CSO FIN	G6	31,300	15,400	103.2%	27,200	15.1%
NATURAL GAS OPT	JKO	3,915	0	-	6,280	-37.7%
NATURAL GAS OPT	TFO	32,370	75,160	-56.9%	39,200	-17.4%
NATURAL GAS OPTION ON CALENDAR STRP	6J	47,384	24,440	93.9%	47,384	0.0%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,435,204	2,424,057	0.5%	2,504,976	-2.8%
NATURAL GAS PHY	ON	72,799	39,399	84.8%	73,799	-1.4%
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	7,764	7,376	5.3%	7,725	0.5%
PETROCHEMICALS	4H	7,908	639	1,137.6%	7,974	-0.8%
PETROCHEMICALS	4J	1,215	630	92.9%	1,315	-7.6%
PETROCHEMICALS	4K	0	270	-100.0%	0	-
PETROCHEMICALS	CPR	0	0	-	30	-100.0%
PETRO OUTRIGHT EURO	BCO	0	6	-100.0%	0	-
PETRO OUTRIGHT NA	1N5	0	100	-100.0%	0	-



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 2021	% CHG	
<b>Energy Options</b>						
PETRO OUTRIGHT NA	DAP	1,080	780	38.5%	1,000	8.0%
PJM WES HUB PEAK CAL MTH	6OA	850	1,510	-43.7%	850	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	46	512	-91.0%	88	-47.7%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	673	1,518	-55.7%	826	-18.5%
RBOB CRACK	RX	0	0	-	0	-
RBOB PHY	OB	13,382	8,977	49.1%	10,875	23.1%
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	0	0	-	0	-
SHORT TERM NATURAL GAS	U02	0	100	-100.0%	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	170,000	130,995	29.8%	220,575	-22.9%
WTI CRUDE OIL 1 M CSO FI	7A	87,425	235,520	-62.9%	103,700	-15.7%
<b>Metals Futures</b>						
COMEX GOLD	GC	504,956	542,015	-6.8%	487,410	3.6%
NYMEX HOT ROLLED STEEL	HR	37,723	20,539	83.7%	41,655	-9.4%
NYMEX PLATINUM	PL	56,053	52,048	7.7%	61,910	-9.5%
PALLADIUM	PA	10,731	10,175	5.5%	9,548	12.4%
URANIUM	UX	800	303	164.0%	960	-16.7%
COMEX SILVER	SI	142,022	154,235	-7.9%	140,479	1.1%
COMEX E-Mini GOLD	QO	2,092	2,982	-29.8%	1,893	10.5%

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

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

Commodity		Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 2021	% CHG
<b>Metals Futures</b>						
COMEX E-Mini SILVER	QI	749	825	-9.2%	661	13.3%
COMEX COPPER	HG	217,440	232,502	-6.5%	183,473	18.5%
COMEX MINY COPPER	QC	439	294	49.3%	561	-21.7%
ALUMINUM	A38	60	0	-	90	-33.3%
ALUMINUM	AEP	8,011	13,674	-41.4%	9,960	-19.6%
ALUMINUM	ALA	995	776	28.2%	1,245	-20.1%
ALUMINUM	ALI	223	190	17.4%	513	-56.5%
ALUMINUM	AUP	23,952	35,797	-33.1%	22,923	4.5%
ALUMINUM	CUP	0	0	-	0	-
ALUMINUM	EDP	14,522	11,768	23.4%	15,108	-3.9%
ALUMINUM	MJP	2,685	4,475	-40.0%	2,440	10.0%
COBALT METAL FUTURES	COB	1,825	0	-	1,837	-0.7%
COPPER	HGS	17,963	17,294	3.9%	19,399	-7.4%
FERROUS PRODUCTS	BUS	4,338	3,079	40.9%	4,348	-0.2%
GOLD	4GC	0	74	-100.0%	0	-
GOLD	SGC	534	299	78.6%	354	50.8%
GOLD	SGU	634	675	-6.1%	627	1.1%
HOT ROLLED COIL STEEL FUTURES	EHR	2,073	715	189.9%	1,997	3.8%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	-	0	-
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	-	0	-
IRON ORE CHINA	TIO	2,164	2,455	-11.9%	2,392	-9.5%
LNDN ZINC	ZNC	0	0	-	0	-
METALS	HDG	100	10	900.0%	100	0.0%
METALS	LTH	5	0	-	5	0.0%
MICRO GOLD	MGC	23,105	80,385	-71.3%	32,027	-27.9%
SILVER	SIL	6,369	5,329	19.5%	6,034	5.6%
<b>Metals Options</b>						
ALUMINUM	ALO	1,650	60	2,650.0%	1,850	-10.8%
COMEX COPPER	HX	67,189	12,696	429.2%	68,197	-1.5%
COMEX GOLD	OG	874,828	1,161,137	-24.7%	745,900	17.3%
COMEX SILVER	SO	108,285	119,215	-9.2%	104,148	4.0%
COPPER	H1E	1	0	-	1	0.0%
COPPER	H2E	0	2	-100.0%	1	-100.0%
COPPER	H3E	0	0	-	1	-100.0%
COPPER	H4E	0	0	-	0	-
COPPER	H5E	0	0	-	0	-
GOLD	OG1	10,604	5,341	98.5%	15,986	-33.7%
GOLD	OG2	7,620	4,107	85.5%	9,145	-16.7%
GOLD	OG3	609	1,317	-53.8%	3,387	-82.0%
GOLD	OG4	0	0	-	413	-100.0%
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	844	2,420	-65.1%	1,624	-48.0%
NYMEX HOT ROLLED STEEL	HRO	1,820	825	120.6%	1,555	17.0%
NYMEX PLATINUM	PO	13,204	2,626	402.8%	11,060	19.4%
PALLADIUM	PAO	835	1,713	-51.3%	731	14.2%
SILVER	SO1	1,258	405	210.6%	1,451	-13.3%
SILVER	SO2	751	235	219.6%	936	-19.8%
SILVER	SO3	35	125	-72.0%	475	-92.6%



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 2021	% CHG
<b>Metals Options</b>					
SILVER SO4	0	0	-	19	-100.0%
SILVER SO5	0	0	0.0%	0	-
<b>TOTAL FUTURES GROUP</b>					
Ag Products Futures	0	0	-	0	-
Energy Futures	7,509,421	7,851,592	-4.4%	7,761,716	-3.3%
Metals Futures	1,082,563	1,192,913	-9.3%	1,049,949	3.1%
<b>TOTAL FUTURES</b>	<b>8,591,984</b>	<b>9,044,505</b>	<b>-5.0%</b>	<b>8,811,665</b>	<b>-2.5%</b>
<b>TOTAL OPTIONS GROUP</b>					
Energy Options	6,302,162	5,910,445	6.6%	6,370,339	-1.1%
Metals Options	1,089,533	1,312,224	-17.0%	966,880	12.7%
<b>TOTAL OPTIONS</b>	<b>7,391,695</b>	<b>7,222,669</b>	<b>2.3%</b>	<b>7,337,219</b>	<b>0.7%</b>
<b>TOTAL COMBINED</b>					
Ag Products	0	0	-	0	-
Energy	13,811,583	13,762,037	0.4%	14,132,055	-2.3%
Metals	2,172,096	2,505,137	-13.3%	2,016,829	7.7%
<b>GRAND TOTAL</b>	<b>15,983,679</b>	<b>16,267,174</b>	<b>-1.7%</b>	<b>16,148,884</b>	<b>-1.0%</b>