

## NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 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	2,124,479	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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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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Energy Futures						
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	-
MCCLOSKY ARA ARGS COAL	MTF	20,996	16,616	26.4%	18,164	15.6%
MCCLOSKY 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	C0	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%

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<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 OUTRIGHT EURO	0B	174	83	109.6%	176	-1.1%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	215	351	-38.7%	210	2.4%
PETRO OUTRIGHT EURO	0E	0	0	-	0	-
PETRO OUTRIGHT EURO	0F	1	20	-95.0%	3	-66.7%
PETRO OUTRIGHT EURO	1T	0	0	-	10	-100.0%
PETRO OUTRIGHT EURO	5L	0	0	-	0	-
PETRO OUTRIGHT EURO	63	0	0	-	0	-
PETRO OUTRIGHT EURO	7I	0	25	-100.0%	0	-
PETRO OUTRIGHT EURO	7R	20	11	81.8%	5	300.0%
PETRO OUTRIGHT EURO	88	0	0	-	0	-
PETRO OUTRIGHT EURO	CBB	0	5	-100.0%	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	60	147	-59.2%	167	-64.1%
PETRO OUTRIGHT EURO	EFF	0	0	-	0	-
PETRO OUTRIGHT EURO	EFM	0	0	-	2	-100.0%
PETRO OUTRIGHT EURO	ENS	0	9	-100.0%	0	-
PETRO OUTRIGHT EURO	EWN	768	12	6,300.0%	474	62.0%
PETRO OUTRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTRIGHT EURO	GNO	0	0	-	0	-
PETRO OUTRIGHT EURO	H5G	0	276	-100.0%	0	-
PETRO OUTRIGHT EURO	JFB	0	0	-	0	-
PETRO OUTRIGHT EURO	M1B	3,653	3,401	7.4%	4,416	-17.3%
PETRO OUTRIGHT EURO	M35	0	0	-	0	-
PETRO OUTRIGHT EURO	MBB	0	0	-	30	-100.0%
PETRO OUTRIGHT EURO	MBN	1,028	1,262	-18.5%	977	5.2%
PETRO OUTRIGHT EURO	MEF	396	270	46.7%	581	-31.8%
PETRO OUTRIGHT EURO	MQA	65	0	-	30	116.7%
PETRO OUTRIGHT EURO	R53	63	18	250.0%	67	-6.0%
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	4,415	1,020	332.8%	4,431	-0.4%
PETRO OUTRIGHT EURO	R5O	1,728	2,848	-39.3%	1,904	-9.2%
PETRO OUTRIGHT EURO	RBM	0	0	-	7	-100.0%
PETRO OUTRIGHT EURO	S5B	0	0	-	0	-
PETRO OUTRIGHT EURO	S5F	199	374	-46.8%	220	-9.5%
PETRO OUTRIGHT EURO	S5M	3,708	3,479	6.6%	3,404	8.9%
PETRO OUTRIGHT EURO	S5O	2,973	2,197	35.3%	2,203	35.0%
PETRO OUTRIGHT EURO	SMU	1,050	30	3,400.0%	1,200	-12.5%
PETRO OUTRIGHT 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
Energy Futures						
PETRO OUTRIGHT EURO	T2B	0	0	-	0	-
PETRO OUTRIGHT EURO	TLB	25	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	216	0	-	234	-7.7%
PETRO OUTRIGHT NA	A8B	215	0	-	75	186.7%
PETRO OUTRIGHT NA	AB6	145	440	-67.0%	50	190.0%
PETRO OUTRIGHT NA	BCR	2,942	710	314.4%	1,525	92.9%
PETRO OUTRIGHT NA	DBB	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	32	0	-	0	-
PETRO OUTRIGHT NA	H5B	0	0	-	0	-
PETRO OUTRIGHT NA	JE	210	540	-61.1%	260	-19.2%
PETRO OUTRIGHT NA	JET	1,275	1,265	0.8%	1,475	-13.6%
PETRO OUTRIGHT NA	JTB	0	90	-100.0%	340	-100.0%
PETRO OUTRIGHT NA	MBL	384	172	123.3%	136	182.4%
PETRO OUTRIGHT NA	MEN	95	0	-	87	9.2%
PETRO OUTRIGHT NA	MEO	782	1,683	-53.5%	941	-16.9%
PETRO OUTRIGHT NA	MFD	0	15	-100.0%	0	-
PETRO OUTRIGHT 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	-

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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	-

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	Commodity	Open Interest OCT 2021	Open Interest OCT 2020	% CHG	Open Interest SEP 2021	% CHG	
Energy Options							
	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%
Metals Futures							
	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%

## 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>