



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest OCT 2022	Open Interest OCT 2021	% CHG	Open Interest SEP 2022	% CHG
<b>Ag Products Futures</b>					
COFFEE	0	0	-	0	-
COTTON	0	0	-	0	-
SUGAR 11	0	0	-	0	-
<b>Energy Futures</b>					
CRUDE OIL PHY	1,454,097	2,124,479	-31.6%	1,496,804	-2.9%
CRUDE OIL	0	8	-100.0%	0	-
MINY WTI CRUDE OIL	8,289	4,295	93.0%	5,170	60.3%
BRENT OIL LAST DAY	162,859	203,684	-20.0%	172,630	-5.7%
HEATING OIL PHY	267,097	425,220	-37.2%	294,856	-9.4%
HTG OIL	117	129	-9.3%	90	30.0%
MINY HTG OIL	1	0	-	0	0.0%
RBOB PHY	228,370	304,196	-24.9%	239,389	-4.6%
MINY RBOB GAS	0	0	0.0%	0	-
NATURAL GAS	198,235	173,454	14.3%	214,074	-7.4%
LTD NAT GAS	363,167	539,921	-32.7%	377,776	-3.9%
MINY NATURAL GAS	5,018	4,249	18.1%	5,245	-4.3%
PJM MONTHLY	0	0	-	0	-
NATURAL GAS PHY	977,718	1,267,567	-22.9%	947,087	3.2%
RBOB GAS	79	91	-13.2%	62	27.4%
3.5% FUEL OIL CID MED SWA	0	0	-	0	-
AEP-DAYTON HUB DAILY	10	10	0.0%	10	0.0%
ARGUS LLS VS. WTI (ARG) T	8,085	13,085	-38.2%	9,610	-15.9%
ARGUS PROPAN FAR EST INDE	5,299	5,772	-8.2%	5,152	2.9%
ARGUS PROPAN(SAUDI ARAMCO	1,802	1,836	-1.9%	1,810	-0.4%
AUSTRIALIAN COKE COAL	0	0	-	0	-
BRENT BALMO SWAP	0	0	-	0	-
BRENT CALENDAR SWAP	39,111	18,413	112.4%	40,519	-3.5%
BRENT FINANCIAL FUTURES	0	0	-	0	-
BRENT FINANCIAL FUTURES	10	0	-	10	0.0%
BRENT FINANCIAL FUTURES	0	0	-	0	-
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
CAR VINTAGE	7,198	2,414	198.2%	3,196	125.2%
CAR VINTAGE	14,160	7,452	90.0%	13,991	1.2%
CHICAGO ETHANOL SWAP	27,333	43,716	-37.5%	29,627	-7.7%
CHICAGO ULSD PL VS HO SPR	1,432	810	76.8%	1,093	31.0%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-
CIG BASIS	0	0	-	0	-
CIN HUB 5MW D AH PK	0	0	-	0	-
CIN HUB 5MW REAL TIME O P	0	0	-	0	-
CIN HUB 5MW REAL TIME PK	0	0	-	0	-
COLUMB GULF MAINLINE NG B	0	0	-	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	986	2,283	-56.8%	933	5.7%
CONWAY NORMAL BUTANE (OPIS) SWAP	1,341	1,879	-28.6%	1,448	-7.4%
CONWAY PROPANE 5 DECIMALS SWAP	29,582	25,883	14.3%	29,001	2.0%
CRUDE OIL	0	0	-	0	-
CRUDE OIL LAST DAY	0	0	-	0	-
CRUDE OIL OUTRIGHTS	416	129	222.5%	976	-57.4%
CRUDE OIL OUTRIGHTS	272	2,658	-89.8%	843	-67.7%
CRUDE OIL OUTRIGHTS	30	955	-96.9%	180	-83.3%

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<b>Energy Futures</b>						
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	-
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	135	1,936	-93.0%	270	-50.0%
CRUDE OIL OUTRIGHTS	HTT	146,203	103,441	41.3%	149,649	-2.3%
CRUDE OIL OUTRIGHTS	LSW	190	3,448	-94.5%	424	-55.2%
CRUDE OIL OUTRIGHTS	WCW	375	8,527	-95.6%	880	-57.4%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	0	0	-	0	-
CRUDE OIL PHY	MCL	58,050	8,361	594.3%	121,301	-52.1%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	1,870	2,128	-12.1%	2,900	-35.5%
CRUDE OIL SPRDS	HIL	1,560	12,673	-87.7%	2,230	-30.0%
CRUDE OIL SPRDS	WTT	147,422	69,003	113.6%	148,990	-1.1%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	480	720	-33.3%	480	0.0%
DAILY PJM	IDO	264	15,948	-98.3%	1,488	-82.3%
DAILY PJM	NOC	0	1,440	-100.0%	0	-
DAILY PJM	PAP	0	0	-	0	-
DAILY PJM	PEO	0	0	-	0	-
DAILY PJM	PNO	0	0	-	0	-
DAILY PJM	PNP	0	0	-	0	-
DAILY PJM	PWO	0	0	-	0	-
DAILY PJM	PWP	0	0	-	0	-
DAILY PJM	WOR	4,320	2,880	50.0%	4,320	0.0%
DAILY PJM	ZAO	0	0	-	0	-
DAILY PJM	ZGO	0	2,720	-100.0%	0	-
DAILY PJM	ZJO	0	0	-	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	2,295	1,350	70.0%	2,320	-1.1%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	0	0	-	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	500	0	-	500	0.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	3,524	13,262	-73.4%	3,793	-7.1%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	A5	568	2,343	-75.8%	692	-17.9%
ELEC FINSETTLED	47	0	0	-	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
EMMISSIONS	CGO	161	0	-	196	-17.9%
ETHANOL	MTH	0	0	-	0	-
ETHANOL SWAP	MT2	590	790	-25.3%	560	5.4%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	7,443	8,844	-15.8%	8,034	-7.4%
EURO 3.5% FUEL OIL RDAM B	KR	0	30	-100.0%	0	-
EURO 3.5% FUEL OIL SPREAD	FK	0	0	-	0	-
EURO GASOIL 10 CAL SWAP	GT	3	0	-	3	0.0%
EURO GASOIL 10PPM VS ICE	ET	483	1,768	-72.7%	532	-9.2%
EUROPE 1% FUEL OIL NWE CA	UF	15	66	-77.3%	20	-25.0%
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	124	261	-52.5%	118	5.1%
EUROPEAN GASOIL (ICE)	7F	1,916	3,531	-45.7%	2,158	-11.2%

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<b>Energy Futures</b>						
EUROPEAN NAPHTHA BALMO	KZ	5	0	-	19	-73.7%
EUROPEAN NAPHTHA CRACK SPR	EN	4,366	7,613	-42.7%	5,515	-20.8%
EUROPE DATED BRENT SWAP	UB	1	11	-90.9%	3	-66.7%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	UN	576	1,399	-58.8%	639	-9.9%
EURO PROPANE CIF ARA SWA	PS	3,217	2,754	16.8%	3,070	4.8%
FREIGHT MARKETS	ACB	0	0	-	0	-
FREIGHT MARKETS	BF1	0	0	-	0	-
FREIGHT MARKETS	BF2	0	81	-100.0%	0	-
FREIGHT MARKETS	BF3	0	0	-	0	-
FREIGHT MARKETS	BL2	1,140	175	551.4%	1,175	-3.0%
FREIGHT MARKETS	CS3	0	0	-	0	-
FREIGHT MARKETS	CS4	120	0	-	120	0.0%
FREIGHT MARKETS	FLJ	0	45	-100.0%	0	-
FREIGHT MARKETS	FLP	123	210	-41.4%	68	80.9%
FREIGHT MARKETS	FRC	51	60	-15.0%	56	-8.9%
FREIGHT MARKETS	T2D	76	500	-84.8%	114	-33.3%
FREIGHT MARKETS	T7C	0	0	-	0	-
FREIGHT MARKETS	T8C	0	0	-	0	-
FREIGHT MARKETS	TC6	0	0	-	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-
FREIGHT MARKETS	USC	0	0	-	0	-
FREIGHT MARKETS	USE	0	0	-	0	-
FUEL OIL CRACK VS ICE	FO	261	1,701	-84.7%	374	-30.2%
FUEL OIL NWE CRACK VS ICE	FI	45	72	-37.5%	51	-11.8%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	0	27	-100.0%	0	-
GAS EURO-BOB OXY NWE BARGES	7H	297	1,783	-83.3%	363	-18.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	6,001	15,870	-62.2%	6,416	-6.5%
GASOIL 0.1CIF MED VS ICE	Z5	15	60	-75.0%	20	-25.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	9	-100.0%	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	12	88	-86.4%	22	-45.5%
GASOIL 10PPM VS ICE SWAP	TP	12	0	-	0	-
GASOIL CALENDAR SWAP	GX	170	496	-65.7%	178	-4.5%
GASOIL CRACK SPREAD CALEN	GZ	1,518	6,156	-75.3%	1,925	-21.1%
GASOIL MINI CALENDAR SWAP	QA	369	1,306	-71.7%	418	-11.7%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	54	321	-83.2%	72	-25.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	5,734	7,125	-19.5%	5,207	10.1%
GRP THREE UNL GS (PLT) VS	A8	2,305	3,972	-42.0%	3,520	-34.5%
GULF COAST 3% FUEL OIL BA	VZ	0	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	0	0	-	0	-
GULF COAST JET VS NYM 2 H	ME	9,182	18,761	-51.1%	9,573	-4.1%
GULF COAST NO.6 FUEL OIL	MF	8,368	2,525	231.4%	7,296	14.7%
GULF COAST NO.6 FUEL OIL	MG	10,669	10,785	-1.1%	10,688	-0.2%
GULF COAST ULSD CALENDAR	LY	534	2,280	-76.6%	640	-16.6%
GULF COAST ULSD CRACK SPR	GY	0	30	-100.0%	0	-
HEATING OIL BALMO CLNDR S	1G	87	394	-77.9%	0	-
HEATING OIL CRCK SPRD BAL	1H	0	0	-	0	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%
HEATING OIL PHY	MHO	19	0	-	0	-
HENRY HUB BASIS SWAP	HB	0	0	-	0	-

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<b>Energy Futures</b>						
HENRY HUB FINANCIAL LAST	NBP	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	0	-	0	-
HENRY HUB SWAP	NN	447,654	530,920	-15.7%	468,362	-4.4%
HOUSTON SHIP CHANNEL BASI	NH	0	305	-100.0%	0	-
ICE BRENT DUBAI SWAP	DB	705	2,477	-71.5%	950	-25.8%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
INDIANA MISO	FTD	0	0	-	0	-
INDIANA MISO	PDD	0	0	-	0	-
INDIANA MISO	PTD	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	0	60	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	JB	6	0	-	6	0.0%
JAPAN C&F NAPHTHA SWAP	JA	336	181	85.6%	274	22.6%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-
JET CIF NWE VS ICE	JC	729	736	-1.0%	858	-15.0%
JET FUEL UP-DOWN BALMO CL	1M	245	1,160	-78.9%	230	6.5%
JKM LNG Futures	JKM	946	2,559	-63.0%	772	22.5%
LA CARB DIESEL (OPIS) SWA	KL	399	340	17.4%	504	-20.8%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-
LA JET (OPIS) SWAP	JS	100	1,205	-91.7%	50	100.0%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	-	0	-
LLS (ARGUS) VS WTI SWAP	WJ	1,725	2,772	-37.8%	1,852	-6.9%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	375	530	-29.2%	475	-21.1%
MARS (ARGUS) VS WTI TRD M	YV	9,985	13,450	-25.8%	9,722	2.7%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	9,076	20,996	-56.8%	10,152	-10.6%
MCCLOSKEY RCH BAY COAL	MFF	474	1,450	-67.3%	610	-22.3%
MGN1 SWAP FUT	MGN	0	0	-	0	-
MICHIGAN BASIS	NF	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	0	-	20	-100.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	190	740	-74.3%	190	0.0%
MJC FUT	MJC	0	40	-100.0%	0	-
MNC FUT	MNC	2,484	2,047	21.3%	3,316	-25.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	42,800	52,443	-18.4%	43,137	-0.8%
MONT BELVIEU ETHANE OPIS BALMO	8C	220	4,571	-95.2%	1,322	-83.4%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	134,806	136,177	-1.0%	129,386	4.2%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,403	2,368	-40.8%	1,881	-25.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	37,626	34,084	10.4%	36,824	2.2%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	2,477	710	248.9%	1,825	35.7%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	61,340	64,654	-5.1%	59,457	3.2%
MONT BELVIEU NORMAL BUTANE BALMO	8J	2,142	1,334	60.6%	1,074	99.4%
NATURAL GAS PEN SWP	NP	182,907	200,531	-8.8%	191,429	-4.5%
NEPOOL INTR HUB 5MW D AH	H2	0	18,784	-100.0%	0	0.0%
NEPOOL INTR HUB 5MW D AH	U6	0	1,091	-100.0%	0	0.0%
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	33	896	-96.3%	96	-65.6%
NEW YORK ETHANOL SWAP	EZ	1,265	480	163.5%	1,730	-26.9%
NEW YORK HUB ZONE G PEAK	GN	800	320	150.0%	800	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-
NGPL MID-CONTINENT	NL	0	0	-	0	-



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<b>Energy Futures</b>					
NGPL TEX/OK	0	0	-	0	-
N ILLINOIS HUB DAILY	0	20	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	0	0	-	0	-
NY1% VS GC SPREAD SWAP	0	90	-100.0%	0	-
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-
NY HARBOR HEAT OIL SWP	8,100	9,650	-16.1%	8,183	-1.0%
NY HARBOR LOW SULPUR GAS 1000MBBL	150	905	-83.4%	200	-25.0%
NY HARBOR RESIDUAL FUEL 1	175	725	-75.9%	225	-22.2%
NYH NO 2 CRACK SPREAD CAL	8,522	10,670	-20.1%	8,767	-2.8%
NYISO CAPACITY	0	0	-	0	-
NYISO CAPACITY	0	0	-	0	-
NYISO ZONE A 5MW D AH O P	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	0	0	-	0	-
NYISO ZONE G 5MW D AH PK	525	6,605	-92.1%	1,050	-50.0%
NYISO ZONE J 5MW D AH O P	0	0	-	0	-
NYISO ZONE J 5MW D AH PK	0	0	-	0	-
NYMEX ALUMINUM FUTURES	0	0	-	0	-
NYMEX ULSD VS NYMEX HO	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	2,694	429	528.0%	2,564	5.1%
PANHANDLE BASIS SWAP FUTU	0	0	-	0	-
PERMIAN BASIS SWAP	0	0	-	0	-
PETROCHEMICALS	82	254	-67.7%	187	-56.1%
PETROCHEMICALS	85	113	-24.8%	22	286.4%
PETROCHEMICALS	140	64	118.8%	119	17.6%
PETROCHEMICALS	3	0	-	5	-40.0%
PETROCHEMICALS	60	0	-	60	0.0%
PETROCHEMICALS	5,709	7,521	-24.1%	6,148	-7.1%
PETROCHEMICALS	787	1,231	-36.1%	826	-4.7%
PETROCHEMICALS	0	165	-100.0%	30	-100.0%
PETROCHEMICALS	2,275	3,220	-29.3%	2,350	-3.2%
PETROCHEMICALS	570	1,631	-65.1%	780	-26.9%
PETROCHEMICALS	20	115	-82.6%	130	-84.6%
PETROCHEMICALS	0	1,305	-100.0%	0	-
PETROCHEMICALS	1,702	1,709	-0.4%	1,681	1.2%
PETROCHEMICALS	305	0	-	0	-
PETROCHEMICALS	2	5	-60.0%	3	-33.3%
PETRO CRCKS & SPRDS ASIA	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	0	150	-100.0%	0	-
PETRO CRCKS & SPRDS NA	14,109	27,166	-48.1%	18,376	-23.2%
PETRO CRCKS & SPRDS NA	485	1,172	-58.6%	442	9.7%
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	0	580	-100.0%	0	-
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	688	4,496	-84.7%	884	-22.2%
PETRO CRCKS & SPRDS NA	0	36	-100.0%	0	-
PETRO CRCKS & SPRDS NA	0	0	-	0	-
PETRO CRCKS & SPRDS NA	1,535	5,128	-70.1%	1,063	44.4%

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<b>Energy Futures</b>						
PETRO CRCKS & SPRDS NA	RVG	7,587	245	2,996.7%	6,918	9.7%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-
PETRO CRK&SPRD EURO	1NB	516	123	319.5%	230	124.3%
PETRO CRK&SPRD EURO	43	0	0	-	0	-
PETRO CRK&SPRD EURO	BOB	183	673	-72.8%	227	-19.4%
PETRO CRK&SPRD EURO	EOB	0	0	-	5	-100.0%
PETRO CRK&SPRD EURO	EPN	1,086	915	18.7%	1,068	1.7%
PETRO CRK&SPRD EURO	EVC	40	428	-90.7%	35	14.3%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-
PETRO CRK&SPRD EURO	MGB	0	10	-100.0%	0	-
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	390	451	-13.5%	378	3.2%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-
PETROLEUM PRODUCTS	BEB	0	0	-	0	-
PETROLEUM PRODUCTS	BEF	0	2	-100.0%	0	-
PETROLEUM PRODUCTS	CMS	780	310	151.6%	590	32.2%
PETROLEUM PRODUCTS	EWG	1,482	3,041	-51.3%	1,332	11.3%
PETROLEUM PRODUCTS	H5F	410	0	-	375	9.3%
PETROLEUM PRODUCTS	JCC	9,150	1,172	680.7%	7,593	20.5%
PETROLEUM PRODUCTS	MME	0	0	-	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	NCC	0	0	-	0	-
PETROLEUM PRODUCTS	R5E	0	5	-100.0%	0	-
PETROLEUM PRODUCTS	R5F	221	178	24.2%	217	1.8%
PETROLEUM PRODUCTS	S53	12	6	100.0%	12	0.0%
PETROLEUM PRODUCTS	UCS	0	0	-	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-
PETROLEUM PRODUCTS	VU	0	15	-100.0%	0	-
PETROLEUM PRODUCTS ASIA	E6M	10	0	-	5	100.0%
PETROLEUM PRODUCTS ASIA	MJN	980	839	16.8%	960	2.1%
PETRO OUTRIGHT EURO	0B	42	174	-75.9%	56	-25.0%
PETRO OUTRIGHT EURO	0C	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	99	215	-54.0%	97	2.1%
PETRO OUTRIGHT EURO	0E	0	0	-	0	-
PETRO OUTRIGHT EURO	0F	0	1	-100.0%	0	-
PETRO OUTRIGHT EURO	1T	0	0	-	0	-
PETRO OUTRIGHT EURO	5L	0	0	-	0	-
PETRO OUTRIGHT EURO	63	0	0	-	0	-
PETRO OUTRIGHT EURO	7I	0	0	-	0	-
PETRO OUTRIGHT EURO	7R	8	20	-60.0%	0	-
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTRIGHT EURO	CPB	12	60	-80.0%	101	-88.1%
PETRO OUTRIGHT EURO	EFF	0	0	-	0	-
PETRO OUTRIGHT EURO	EFM	0	0	-	0	-
PETRO OUTRIGHT EURO	ENS	0	0	-	0	-
PETRO OUTRIGHT EURO	EWN	628	768	-18.2%	406	54.7%
PETRO OUTRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTRIGHT EURO	GNO	0	0	-	0	-

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

Commodity	Open Interest OCT 2022	Open Interest OCT 2021	% CHG	Open Interest SEP 2022	% CHG	
<b>Energy Futures</b>						
PETRO OUTRIGHT EURO	H5G	0	0	-	0	-
PETRO OUTRIGHT EURO	JFB	0	0	-	0	-
PETRO OUTRIGHT EURO	M1B	1,878	3,653	-48.6%	2,175	-13.7%
PETRO OUTRIGHT EURO	MBB	0	0	-	0	-
PETRO OUTRIGHT EURO	MBN	2,000	1,028	94.6%	2,274	-12.0%
PETRO OUTRIGHT EURO	MEF	110	396	-72.2%	130	-15.4%
PETRO OUTRIGHT EURO	MQA	85	65	30.8%	85	0.0%
PETRO OUTRIGHT EURO	R53	9	63	-85.7%	12	-25.0%
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	3,667	4,415	-16.9%	3,799	-3.5%
PETRO OUTRIGHT EURO	R5O	1,882	1,728	8.9%	2,047	-8.1%
PETRO OUTRIGHT EURO	RBM	0	0	-	6	-100.0%
PETRO OUTRIGHT EURO	S5B	0	0	-	0	-
PETRO OUTRIGHT EURO	S5F	197	199	-1.0%	202	-2.5%
PETRO OUTRIGHT EURO	S5M	2,983	3,708	-19.6%	3,190	-6.5%
PETRO OUTRIGHT EURO	S5O	1,963	2,973	-34.0%	2,609	-24.8%
PETRO OUTRIGHT EURO	SMU	0	1,050	-100.0%	0	-
PETRO OUTRIGHT EURO	SR5	93	0	-	81	14.8%
PETRO OUTRIGHT EURO	T0	0	0	-	0	-
PETRO OUTRIGHT EURO	T2B	0	0	-	0	-
PETRO OUTRIGHT EURO	TLB	0	25	-100.0%	0	-
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTRIGHT EURO	UNB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	0	216	-100.0%	0	-
PETRO OUTRIGHT NA	A8B	50	215	-76.7%	300	-83.3%
PETRO OUTRIGHT NA	AB6	575	145	296.6%	25	2,200.0%
PETRO OUTRIGHT NA	BCR	1,800	2,942	-38.8%	750	140.0%
PETRO OUTRIGHT NA	DBB	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	0	32	-100.0%	0	-
PETRO OUTRIGHT NA	H5B	0	0	-	0	-
PETRO OUTRIGHT NA	JE	30	210	-85.7%	40	-25.0%
PETRO OUTRIGHT NA	JET	1,375	1,275	7.8%	1,400	-1.8%
PETRO OUTRIGHT NA	JTB	75	0	-	0	-
PETRO OUTRIGHT NA	MBL	405	384	5.5%	370	9.5%
PETRO OUTRIGHT NA	MEN	0	95	-100.0%	8	-100.0%
PETRO OUTRIGHT NA	MEO	343	782	-56.1%	505	-32.1%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	10	-100.0%
PJM AD HUB 5MW REAL TIME	V3	3,965	27,205	-85.4%	6,005	-34.0%
PJM AD HUB 5MW REAL TIME	Z9	210	1,495	-86.0%	315	-33.3%
PJM DAILY	JD	284	292	-2.7%	284	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	-	0	-
PJM DAYTON DA PEAK	D7	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	B3	0	440	-100.0%	0	-
PJM NI HUB 5MW REAL TIME	B6	0	7,610	-100.0%	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	-
PJM WESTHDA PEAK	J4	0	0	-	0	-
PJM WESTH RT OFF-PEAK	N9	35,685	225,820	-84.2%	54,045	-34.0%
PJM WESTH RT PEAK	L1	11,806	23,557	-49.9%	14,788	-20.2%

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

Commodity		Open Interest OCT 2022	Open Interest OCT 2021	% CHG	Open Interest SEP 2022	% CHG
<b>Energy Futures</b>						
PLASTICS	PGP	4,038	2,596	55.5%	3,800	6.3%
PREMIUM UNLND 10P FOB MED	3G	51	180	-71.7%	66	-22.7%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	2,084	890	134.2%	650	220.6%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	34,239	49,076	-30.2%	33,938	0.9%
RBOB CALENDAR SWAP	RL	16,935	15,702	7.9%	10,847	56.1%
RBOB CRACK SPREAD	RM	9,758	13,641	-28.5%	10,609	-8.0%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	647	713	-9.3%	370	74.9%
RBOB PHY	MRB	15	0	-	0	-
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	375	360	4.2%	315	19.0%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	0	-
SINGAPORE 380CST BALMO	BT	0	13	-100.0%	0	-
SINGAPORE 380CST FUEL OIL	SE	90	356	-74.7%	92	-2.2%
SINGAPORE FUEL 180CST CAL	UA	3	0	-	0	-
SINGAPORE FUEL OIL 180 CS	GMS	0	12	-100.0%	0	-
SINGAPORE FUEL OIL SPREAD	SD	102	0	-	57	78.9%
SINGAPORE GASOIL	MAF	111	412	-73.1%	80	38.8%
SINGAPORE GASOIL	MTB	0	10	-100.0%	0	-
SINGAPORE GASOIL	MTS	433	950	-54.4%	465	-6.9%
SINGAPORE GASOIL	SBM	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	130	993	-86.9%	95	36.8%
SINGAPORE GASOIL SWAP	SG	500	2,096	-76.1%	782	-36.1%
SINGAPORE GASOIL VS ICE	GA	3,225	5,661	-43.0%	3,435	-6.1%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	2,703	1,950	38.6%	2,939	-8.0%
SINGAPORE JET KEROSENE SW	KS	0	870	-100.0%	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	2,351	-100.0%	0	-
Sumas Basis Swap	NK	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	TM	240	210	14.3%	120	100.0%
TC5 RAS TANURA TO YOKOHAM	TH	219	480	-54.4%	244	-10.2%
TCO BASIS SWAP	TC	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	2,420	5,485	-55.9%	2,735	-11.5%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	-	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	-	0	-
ULSD UP-DOWN BALMO SWP	1L	6,442	5,740	12.2%	1,630	295.2%
UP DOWN GC ULSD VS NMX HO	LT	26,420	59,222	-55.4%	25,716	2.7%
WAHA BASIS	NW	0	0	-	0	-
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-
WTI-BRENT CALENDAR SWAP	BK	121,409	94,679	28.2%	110,969	9.4%
WTI CALENDAR	CS	166,003	155,902	6.5%	169,246	-1.9%
WTI MIDLAND CRUDE OIL	WTL	750	420	78.6%	300	150.0%
WTS (ARGUS) VS WTI SWAP	FF	23,361	46,961	-50.3%	26,018	-10.2%
WTS (ARGUS) VS WTI TRD MT	FH	3,595	7,588	-52.6%	4,460	-19.4%
<b>Energy Options</b>						
BRENT CALENDAR SWAP	BA	1,860	1,784	4.3%	2,076	-10.4%
BRENT CRUDE OIL 1 M CSO	9C	42,300	145,500	-70.9%	12,400	241.1%
BRENT OIL LAST DAY	BE	24,395	39,706	-38.6%	46,649	-47.7%
BRENT OIL LAST DAY	BZO	25,037	35,318	-29.1%	53,857	-53.5%

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<b>Energy Options</b>						
BRENT OIL LAST DAY	OS	0	0	-	0	-
COAL API2 INDEX	F2C	365	880	-58.5%	365	0.0%
COAL API2 INDEX	F2Q	0	175	-100.0%	0	-
CRUDE OIL	6Y	0	0	-	0	-
CRUDE OIL 1MO	WA	115,382	289,510	-60.1%	124,377	-7.2%
CRUDE OIL APO	AO	178,059	227,877	-21.9%	185,810	-4.2%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-
CRUDE OIL OUTRIGHTS	ECCL	0	0	-	0	0.0%
CRUDE OIL PHY	CD	0	0	-	0	-
CRUDE OIL PHY	LC	67,488	56,133	20.2%	71,377	-5.4%
CRUDE OIL PHY	LO	2,905,264	2,338,694	24.2%	2,401,751	21.0%
CRUDE OIL PHY	LO1	13,707	7,318	87.3%	7,359	86.3%
CRUDE OIL PHY	LO2	1,015	1,076	-5.7%	400	153.8%
CRUDE OIL PHY	LO3	123	141	-12.8%	913	-86.5%
CRUDE OIL PHY	LO4	45	0	-	0	-
CRUDE OIL PHY	LO5	0	0	0.0%	0	0.0%
CRUDE OIL PHY	MCO	5,556	0	-	4,945	12.4%
CRUDE OIL PHY	MW1	308	0	-	102	202.0%
CRUDE OIL PHY	MW2	8	0	-	0	-
CRUDE OIL PHY	MW3	0	0	-	0	-
CRUDE OIL PHY	MW4	0	0	-	0	-
CRUDE OIL PHY	MW5	0	0	-	0	0.0%
ELEC FINSETTLED	PJN	0	43	-100.0%	0	-
ETHANOL SWAP	CVR	3,652	8,331	-56.2%	3,729	-2.1%
ETHANOL SWAP	GVR	0	0	-	0	-
FREIGHT MARKETS	FLO	30	0	-	30	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	1,000	3,960	-74.7%	1,250	-20.0%
HEATING OIL PHY	FZ	0	275	-100.0%	0	-
HEATING OIL PHY	LB	0	635	-100.0%	0	-
HEATING OIL PHY	OH	22,958	32,318	-29.0%	18,464	24.3%
HENRY HUB FINANCIAL LAST	E7	22,733	29,077	-21.8%	23,522	-3.4%
HENRY HUB FINANCIAL LAST	ECNG	0	0	-	0	0.0%
HO 1 MONTH CLNDR OPTIONS	FA	950	200	375.0%	1,100	-13.6%
LLS CRUDE OIL	HTO	1,200	0	-	1,200	0.0%
LLS CRUDE OIL	WTO	4,650	100	4,550.0%	4,800	-3.1%
MCCLOSKEY ARA ARGS COAL	MTO	60	726	-91.7%	80	-25.0%
MCCLOSKEY RCH BAY COAL	MFO	0	0	-	0	-
NATURAL GAS	LN1	0	0	-	0	-
NATURAL GAS	LN2	0	0	-	0	-
NATURAL GAS	LN3	0	0	-	0	-
NATURAL GAS	LN4	0	0	-	0	-
NATURAL GAS	LN5	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	113,750	155,070	-26.6%	140,798	-19.2%
NATURAL GAS 2 M CSO FIN	G2	0	14,000	-100.0%	0	-
NATURAL GAS 3 M CSO FIN	G3	1,200	0	-	200	500.0%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	0	-
NATURAL GAS 6 M CSO FIN	G6	8,500	31,300	-72.8%	9,000	-5.6%
NATURAL GAS OPT	JFO	150	0	-	0	-
NATURAL GAS OPT	JKO	100	3,915	-97.4%	100	0.0%
NATURAL GAS OPT	TFO	0	32,370	-100.0%	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	7,784	47,384	-83.6%	7,784	0.0%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%

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<b>Energy Options</b>						
NATURAL GAS PHY	LN	2,867,759	2,435,204	17.8%	2,773,911	3.4%
NATURAL GAS PHY	ON	35,434	72,799	-51.3%	29,684	19.4%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	-
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-
NY HARBOR HEAT OIL SWP	AT	8,619	7,764	11.0%	8,961	-3.8%
PETROCHEMICALS	4H	4,038	7,908	-48.9%	4,221	-4.3%
PETROCHEMICALS	4J	0	1,215	-100.0%	0	-
PETROCHEMICALS	4K	0	0	-	0	-
PETROCHEMICALS	CPR	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-
PETRO OUTRIGHT NA	1N5	0	0	-	0	-
PETRO OUTRIGHT NA	DAP	435	1,080	-59.7%	560	-22.3%
PJM WES HUB PEAK CAL MTH	6OA	180	850	-78.8%	180	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	46	-100.0%	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	-	0	-
RBOB CALENDAR SWAP	RA	393	673	-41.6%	520	-24.4%
RBOB PHY	OB	6,330	13,382	-52.7%	6,285	0.7%
RBOB PHY	RF	0	0	-	60	-100.0%
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	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	153,950	170,000	-9.4%	191,885	-19.8%

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Commodity	Open Interest OCT 2022	Open Interest OCT 2021	% CHG	Open Interest SEP 2022	% CHG	
<b>Energy Options</b>						
WTI CRUDE OIL 1 M CSO FI	7A	152,275	87,425	74.2%	154,050	-1.2%
<b>Metals Futures</b>						
COMEX GOLD	GC	464,625	504,956	-8.0%	432,024	7.5%
NYMEX HOT ROLLED STEEL	HR	22,388	37,723	-40.7%	21,095	6.1%
NYMEX PLATINUM	PL	56,940	56,053	1.6%	58,254	-2.3%
PALLADIUM	PA	8,374	10,731	-22.0%	6,480	29.2%
URANIUM	UX	800	800	0.0%	800	0.0%
COMEX SILVER	SI	139,157	142,022	-2.0%	127,382	9.2%
COMEX E-Mini GOLD	QO	1,937	2,092	-7.4%	1,911	1.4%
COMEX E-Mini SILVER	QI	413	749	-44.9%	396	4.3%
COMEX COPPER	HG	180,740	217,440	-16.9%	168,846	7.0%
COMEX MINY COPPER	QC	483	439	10.0%	427	13.1%
ALUMINUM	A38	0	60	-100.0%	0	-
ALUMINUM	AEP	6,043	8,011	-24.6%	6,950	-13.1%
ALUMINUM	ALA	945	995	-5.0%	1,070	-11.7%
ALUMINUM	ALI	1,335	223	498.7%	897	48.8%
ALUMINUM	AUP	31,510	23,952	31.6%	30,642	2.8%
ALUMINUM	CUP	0	0	-	0	-
ALUMINUM	EDP	20,423	14,522	40.6%	18,443	10.7%
ALUMINUM	MJP	2,031	2,685	-24.4%	2,188	-7.2%
COBALT METAL FUTURES	COB	8,258	1,825	352.5%	5,936	39.1%
COPPER	HGS	13,508	17,963	-24.8%	13,197	2.4%
COPPER	MHG	2,255	0	-	1,658	36.0%
FERROUS PRODUCTS	BUS	6,986	4,338	61.0%	6,732	3.8%
GOLD	4GC	0	0	-	0	-
GOLD	SGC	521	534	-2.4%	492	5.9%
GOLD	SGU	538	634	-15.1%	686	-21.6%
HOT ROLLED COIL STEEL FUTURES	EHR	6,137	2,073	196.0%	6,570	-6.6%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	-	0	-
IRON ORE CHINA	TIO	2,570	2,164	18.8%	3,678	-30.1%
METALS	HDG	212	100	112.0%	283	-25.1%
METALS	LTH	58	5	1,060.0%	24	141.7%
METALS	PAC	0	0	-	0	-
MICRO GOLD	MGC	23,785	23,105	2.9%	29,614	-19.7%
SILVER	SIL	6,240	6,369	-2.0%	6,052	3.1%
<b>Metals Options</b>						
ALUMINUM	ALO	0	1,650	-100.0%	0	-
ALUMINUM	AX	309	0	-	12	2,475.0%
COMEX COPPER	HX	79,313	67,189	18.0%	71,606	10.8%
COMEX GOLD	ECGC	0	0	-	0	0.0%
COMEX GOLD	OG	791,784	874,828	-9.5%	795,889	-0.5%
COMEX SILVER	ECSI	0	0	-	0	0.0%
COMEX SILVER	SO	129,245	108,285	19.4%	113,269	14.1%
COPPER	ECHG	0	0	-	0	0.0%
COPPER	H1E	313	1	31,200.0%	43	627.9%
COPPER	H1M	54	0	-	537	-89.9%
COPPER	H1W	80	0	-	54	48.1%
COPPER	H2E	161	0	-	21	666.7%
COPPER	H2M	2	0	-	26	-92.3%
COPPER	H2W	81	0	-	3	2,600.0%

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

Commodity	Open Interest OCT 2022	Open Interest OCT 2021	% CHG	Open Interest SEP 2022	% CHG
<b>Metals Options</b>					
COPPER	H3E	29	0	-	9 222.2%
COPPER	H3M	0	0	-	11 -100.0%
COPPER	H3W	23	0	-	0 -
COPPER	H4E	14	0	-	0 -
COPPER	H4M	0	0	-	0 -
COPPER	H4W	8	0	-	0 -
COPPER	H5E	0	0	0.0%	0 0.0%
COPPER	H5M	0	0	-	0 -
COPPER	H5W	0	0	-	0 -
GOLD	G1M	1,874	0	-	6,489 -71.1%
GOLD	G1W	4,036	0	-	1,400 188.3%
GOLD	G2M	102	0	-	2,423 -95.8%
GOLD	G2W	1,228	0	-	940 30.6%
GOLD	G3M	12	0	-	522 -97.7%
GOLD	G3W	973	0	-	88 1,005.7%
GOLD	G4M	0	0	-	156 -100.0%
GOLD	G4W	447	0	-	0 -
GOLD	G5M	0	0	-	0 -
GOLD	G5W	0	0	-	0 -
GOLD	OG1	12,968	10,604	22.3%	9,212 40.8%
GOLD	OG2	4,700	7,620	-38.3%	2,924 60.7%
GOLD	OG3	1,056	609	73.4%	462 128.6%
GOLD	OG4	71	0	-	0 -
GOLD	OG5	0	0	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	300	844	-64.5%	300 0.0%
NYMEX HOT ROLLED STEEL	HRO	4,971	1,820	173.1%	3,704 34.2%
NYMEX PLATINUM	PO	2,519	13,204	-80.9%	2,491 1.1%
PALLADIUM	PAO	6	835	-99.3%	1 500.0%
SILVER	M1S	42	0	-	138 -69.6%
SILVER	M2S	99	0	-	89 11.2%
SILVER	M3S	2	0	-	10 -80.0%
SILVER	M4S	0	0	-	0 -
SILVER	M5S	0	0	-	0 -
SILVER	SO1	1,722	1,258	36.9%	1,517 13.5%
SILVER	SO2	1,141	751	51.9%	121 843.0%
SILVER	SO3	33	35	-5.7%	129 -74.4%
SILVER	SO4	19	0	-	0 -
SILVER	SO5	0	0	0.0%	0 0.0%
SILVER	W1S	238	0	-	207 15.0%
SILVER	W2S	29	0	-	172 -83.1%
SILVER	W3S	57	0	-	2 2,750.0%
SILVER	W4S	1	0	-	0 -
SILVER	W5S	0	0	-	0 -



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest OCT 2022	Open Interest OCT 2021	% CHG	Open Interest SEP 2022	% CHG
<b>TOTAL FUTURES GROUP</b>					
Ag Products Futures	0	0	-	0	-
Energy Futures	5,749,307	7,509,421	-23.4%	5,948,419	-3.3%
Metals Futures	1,009,212	1,082,563	-6.8%	952,727	5.9%
<b>TOTAL FUTURES</b>	<b>6,758,519</b>	<b>8,591,984</b>	<b>-21.3%</b>	<b>6,901,146</b>	<b>-2.1%</b>
 <b>TOTAL OPTIONS GROUP</b>					
Energy Options	6,799,042	6,302,162	7.9%	6,294,755	8.0%
Metals Options	1,040,062	1,089,533	-4.5%	1,014,977	2.5%
<b>TOTAL OPTIONS</b>	<b>7,839,104</b>	<b>7,391,695</b>	<b>6.1%</b>	<b>7,309,732</b>	<b>7.2%</b>
 <b>TOTAL COMBINED</b>					
Ag Products	0	0	-	0	-
Energy	12,548,349	13,811,583	-9.1%	12,243,174	2.5%
Metals	2,049,274	2,172,096	-5.7%	1,967,704	4.1%
<b>GRAND TOTAL</b>	<b>14,597,623</b>	<b>15,983,679</b>	<b>-8.7%</b>	<b>14,210,878</b>	<b>2.7%</b>