

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

Commodity	Open Interest APR 2024	Open Interest APR 2023	% CHG	Open Interest MAR 2024	% CHG	
<b>Ag Products Futures</b>						
IN DELIVERY EUA	ECF	79	0	-	44	79.5%
<b>Energy Futures</b>						
CRUDE OIL PHY	CL	1,794,542	1,881,769	-4.6%	1,776,221	1.0%
CRUDE OIL	WS	0	0	-	0	-
MINY WTI CRUDE OIL	QM	2,505	4,966	-49.6%	2,392	4.7%
BRENT OIL LAST DAY	BZ	141,090	144,631	-2.4%	120,444	17.1%
HEATING OIL PHY	HO	362,786	280,370	29.4%	311,612	16.4%
HTG OIL	BH	104	111	-6.3%	112	-7.1%
MINY HTG OIL	QH	0	0	0.0%	2	-100.0%
RBOB PHY	RB	414,745	293,880	41.1%	395,077	5.0%
MINY RBOB GAS	QU	0	4	-100.0%	1	-100.0%
NATURAL GAS	HP	215,472	190,726	13.0%	208,552	3.3%
LTD NAT GAS	HH	350,738	383,702	-8.6%	363,133	-3.4%
MINY NATURAL GAS	QG	13,881	11,281	23.0%	16,110	-13.8%
NATURAL GAS PHY	NG	1,559,471	1,303,690	19.6%	1,587,803	-1.8%
RBOB GAS	RT	66	78	-15.4%	72	-8.3%
AEP-DAYTON HUB DAILY	VD	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	3,655	7,315	-50.0%	3,370	8.5%
ARGUS PROPAN FAR EST INDE	7E	6,700	6,159	8.8%	6,481	3.4%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,962	1,877	4.5%	1,891	3.8%
BRENT BALMO SWAP	J9	25	0	-	0	-
BRENT CALENDAR SWAP	CY	12,423	29,809	-58.3%	14,166	-12.3%
BRENT FINANCIAL FUTURES	MBC	70	210	-66.7%	80	-12.5%
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	5,142	19,364	-73.4%	4,997	2.9%
CAR VINTAGE	NGO	5,693	12,288	-53.7%	5,707	-0.2%
CEU ENERGY	TFU	0	0	-	0	-
CEU ENERGY	TTG	48	0	-	55	-12.7%
CHICAGO ETHANOL SWAP	CU	38,882	36,496	6.5%	45,956	-15.4%
CHICAGO ULSD PL VS HO SPR	5C	3,330	2,615	27.3%	2,613	27.4%
CHICAGO UNL GAS PL VS RBO	3C	975	0	-	1,000	-2.5%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	580	444	30.6%	594	-2.4%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	459	571	-19.6%	244	88.1%
CONWAY PROPANE 5 DECIMALS SWAP	8K	19,353	22,665	-14.6%	18,497	4.6%
CRUDE OIL LAST DAY	26	725	2,100	-65.5%	850	-14.7%
CRUDE OIL OUTRIGHTS	42	443	314	41.1%	392	13.0%
CRUDE OIL OUTRIGHTS	CC5	0	0	-	0	-
CRUDE OIL OUTRIGHTS	CSW	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	0	0	-	0	-
CRUDE OIL OUTRIGHTS	HTB	0	0	-	0	0.0%
CRUDE OIL OUTRIGHTS	HTT	325,426	208,284	56.2%	302,099	7.7%
CRUDE OIL OUTRIGHTS	LSW	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCW	0	0	-	0	-
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	MCL	20,049	33,349	-39.9%	14,335	39.9%
CRUDE OIL SPRDS	ANT	638	1,165	-45.2%	995	-35.9%
CRUDE OIL SPRDS	BKT	0	0	-	0	-
CRUDE OIL SPRDS	HIL	0	0	-	0	-
CRUDE OIL SPRDS	WTT	284,392	205,388	38.5%	246,838	15.2%

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<b>Energy Futures</b>						
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	0	0	-	0	-
DAILY PJM	IDO	0	0	-	0	-
DAILY PJM	NOC	0	0	-	0	-
DAILY PJM	WOR	0	0	-	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	200	-100.0%
DATED TO FRONTLINE BRENT	FY	0	1,665	-100.0%	0	-
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	675	0	-	875	-22.9%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	2,394	2,719	-12.0%	2,642	-9.4%
EIA FLAT TAX ONHWAY DIESE	A5	1,608	1,774	-9.4%	1,311	22.7%
EMMISSIONS	CGO	26	45	-42.2%	26	0.0%
ETHANOL	MTH	0	0	-	0	-
ETHANOL	Z1B	0	26	-100.0%	0	-
ETHANOL SWAP	MT2	380	925	-58.9%	430	-11.6%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	8,072	6,341	27.3%	7,985	1.1%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	14	-100.0%
EURO GASOIL 10 CAL SWAP	GT	0	3	-100.0%	0	-
EURO GASOIL 10PPM VS ICE	ET	0	270	-100.0%	0	-
EUROPE 1% FUEL OIL NWE CA	UF	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	UV	256	114	124.6%	374	-31.6%
EUROPEAN GASOIL (ICE)	7F	1,214	1,038	17.0%	1,124	8.0%
EUROPEAN NAPHTHA BALMO	KZ	0	3	-100.0%	0	-
EUROPEAN NAPHTHA CRACK SPR	EN	4,487	5,682	-21.0%	4,992	-10.1%
EUROPE DATED BRENT SWAP	UB	1,400	0	-	2,250	-37.8%
EUROPE NAPHTHA CALSWAP	UN	953	1,178	-19.1%	1,332	-28.5%
EURO PROPANE CIF ARA SWA	PS	1,490	2,790	-46.6%	1,800	-17.2%
FREIGHT MARKETS	BG2	1,695	0	-	1,500	13.0%
FREIGHT MARKETS	BL2	855	225	280.0%	1,110	-23.0%
FREIGHT MARKETS	CS3	0	0	-	0	-
FREIGHT MARKETS	CS4	0	90	-100.0%	0	-
FREIGHT MARKETS	FLJ	30	0	-	33	-9.1%
FREIGHT MARKETS	FLP	18	30	-40.0%	27	-33.3%
FREIGHT MARKETS	FRC	0	0	-	0	-
FREIGHT MARKETS	T2D	0	84	-100.0%	0	-
FREIGHT MARKETS	TC6	0	0	-	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-
FUEL OIL CRACK VS ICE	FO	614	30	1,946.7%	494	24.3%
FUEL OIL NWE CRACK VS ICE	FI	0	30	-100.0%	0	-
FUELOIL SWAP:CARGOES VS.B	FS	0	0	-	0	-
GAS EURO-BOB OXY NWE BARGES	7H	1,039	573	81.3%	884	17.5%
GAS EURO-BOB OXY NWE BARGES CRK	7K	6,096	4,210	44.8%	5,783	5.4%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	-	0	-
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	-	0	-
GASOIL 10PPM VS ICE SWAP	TP	9	12	-25.0%	10	-10.0%
GASOIL CALENDAR SWAP	GX	38	85	-55.3%	40	-5.0%
GASOIL CRACK SPREAD CALEN	GZ	495	552	-10.3%	520	-4.8%
GASOIL MINI CALENDAR SWAP	QA	841	441	90.7%	797	5.5%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	10,224	8,893	15.0%	11,086	-7.8%
GRP THREE UNL GS (PLT) VS	A8	9,155	4,045	126.3%	9,160	-0.1%

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<b>Energy Futures</b>						
GULF COAST 3% FUEL OIL BA	VZ	1,234	0	-	0	-
GULF COAST JET VS NYM 2 H	ME	18,345	14,368	27.7%	16,066	14.2%
GULF COAST NO.6 FUEL OIL	MF	3,851	4,365	-11.8%	4,714	-18.3%
GULF COAST NO.6 FUEL OIL	MG	18,817	13,676	37.6%	16,767	12.2%
GULF COAST ULSD CALENDAR	LY	1,551	1,862	-16.7%	1,384	12.1%
GULF COAST ULSD CRACK SPR	GY	0	0	-	0	-
HEATING OIL BALMO CLNDR S	1G	0	0	-	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	0	0	-	0	-
HENRY HUB SWAP	NN	355,799	443,953	-19.9%	366,526	-2.9%
ICE BRENT DUBAI SWAP	DB	0	180	-100.0%	0	-
INDONESIAN COAL ICI4	ICI	0	0	-	0	-
JAPAN C&F NAPHTHA CRACK S	JB	27	0	-	27	0.0%
JAPAN C&F NAPHTHA SWAP	JA	733	458	60.0%	641	14.4%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-
JET CIF NWE VS ICE	JC	204	693	-70.6%	214	-4.7%
JET FUEL UP-DOWN BALMO CL	1M	4,304	360	1,095.6%	1,973	118.1%
JKM LNG Futures	JKM	0	430	-100.0%	0	-
LA CARB DIESEL (OPIS) SWA	KL	1,730	1,011	71.1%	1,868	-7.4%
LA CARBOB GASOLINE(OPIS)S	JL	50	150	-66.7%	0	-
LA JET (OPIS) SWAP	JS	2,160	1,000	116.0%	2,270	-4.8%
LLS (ARGUS) VS WTI SWAP	WJ	180	753	-76.1%	200	-10.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	-	0	-
MARS (ARGUS) VS WTI TRD M	YV	9,610	11,765	-18.3%	10,130	-5.1%
MCCLOSKEY ARA ARGS COAL	MTF	4,771	6,299	-24.3%	4,862	-1.9%
MCCLOSKEY RCH BAY COAL	MFF	0	86	-100.0%	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	0	-	0	-
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	210	-100.0%	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	124	300	-58.7%	60	106.7%
MJC FUT	MJC	60	0	-	60	0.0%
MNC FUT	MNC	602	2,231	-73.0%	845	-28.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	52,384	52,461	-0.1%	49,542	5.7%
MONT BELVIEU ETHANE OPIS BALMO	8C	125	680	-81.6%	315	-60.3%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	160,721	151,242	6.3%	164,235	-2.1%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,023	1,531	32.1%	1,880	7.6%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	31,146	32,070	-2.9%	30,171	3.2%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	988	1,485	-33.5%	856	15.4%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	56,567	48,030	17.8%	58,185	-2.8%
MONT BELVIEU NORMAL BUTANE BALMO	8J	841	1,112	-24.4%	858	-2.0%
NATURAL GAS	NWM	0	0	-	0	-
NATURAL GAS PEN SWP	NP	150,682	141,108	6.8%	134,423	12.1%
NATURAL GAS PHY	MNG	4,896	0	-	5,052	-3.1%
NEPOOL INTR HUB 5MW D AH	H2	0	0	-	0	-
NEPOOL INTR HUB 5MW D AH	U6	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	0	-	0	-
NEW YORK ETHANOL SWAP	EZ	470	760	-38.2%	603	-22.1%
NEW YORK HUB ZONE G PEAK	GN	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	11,552	12,703	-9.1%	11,296	2.3%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	-	0	-

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<b>Energy Futures</b>						
NY HARBOR RESIDUAL FUEL 1	MM	0	250	-100.0%	0	-
NYH NO 2 CRACK SPREAD CAL	HK	16,643	16,631	0.1%	16,831	-1.1%
NYISO ZONE G 5MW D AH PK	T3	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	789	1,564	-49.6%	1,297	-39.2%
PETROCHEMICALS	22	79	111	-28.8%	148	-46.6%
PETROCHEMICALS	32	81	20	305.0%	63	28.6%
PETROCHEMICALS	3NA	145	55	163.6%	110	31.8%
PETROCHEMICALS	51	45	0	-	47	-4.3%
PETROCHEMICALS	81	0	45	-100.0%	0	-
PETROCHEMICALS	8I	3,409	5,315	-35.9%	3,253	4.8%
PETROCHEMICALS	91	658	980	-32.9%	736	-10.6%
PETROCHEMICALS	MAA	0	460	-100.0%	0	-
PETROCHEMICALS	MAE	1,690	1,969	-14.2%	2,290	-26.2%
PETROCHEMICALS	MAS	291	438	-33.6%	251	15.9%
PETROCHEMICALS	MBE	140	100	40.0%	210	-33.3%
PETROCHEMICALS	MNB	0	0	-	0	-
PETROCHEMICALS	MPS	2,672	2,292	16.6%	2,826	-5.4%
PETROCHEMICALS	PMF	44	0	-	50	-12.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	-	0	-
PETRO CRCKS & SPRDS NA	CRB	18,129	12,599	43.9%	15,795	14.8%
PETRO CRCKS & SPRDS NA	EXR	1,829	581	214.8%	1,274	43.6%
PETRO CRCKS & SPRDS NA	GBB	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCI	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	573	0	-	645	-11.2%
PETRO CRCKS & SPRDS NA	GFC	500	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	870	1,300	-33.1%	1,030	-15.5%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	2,135	1,760	21.3%	1,817	17.5%
PETRO CRCKS & SPRDS NA	RVG	4,007	7,566	-47.0%	3,389	18.2%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-
PETRO CRK&SPRD EURO	1NB	450	573	-21.5%	300	50.0%
PETRO CRK&SPRD EURO	43	0	20	-100.0%	0	-
PETRO CRK&SPRD EURO	BOB	15	189	-92.1%	0	-
PETRO CRK&SPRD EURO	EOB	0	0	-	0	-
PETRO CRK&SPRD EURO	EPN	464	648	-28.4%	551	-15.8%
PETRO CRK&SPRD EURO	EVC	0	285	-100.0%	5	-100.0%
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-
PETRO CRK&SPRD EURO	MUD	0	30	-100.0%	10	-100.0%
PETRO CRK&SPRD EURO	NOB	254	294	-13.6%	312	-18.6%
PETROLEUM PRODUCTS	1NM	0	0	-	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0	-
PETROLEUM PRODUCTS	CMS	550	770	-28.6%	200	175.0%
PETROLEUM PRODUCTS	EWG	450	571	-21.2%	501	-10.2%
PETROLEUM PRODUCTS	H5F	0	175	-100.0%	0	-
PETROLEUM PRODUCTS	JCC	2,984	10,320	-71.1%	3,105	-3.9%
PETROLEUM PRODUCTS	R5F	28	127	-78.0%	41	-31.7%
PETROLEUM PRODUCTS	S53	0	9	-100.0%	0	-
PETROLEUM PRODUCTS	VU	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	E6M	20	5	300.0%	0	-
PETROLEUM PRODUCTS ASIA	MJN	711	904	-21.3%	765	-7.1%
PETRO OUTRIGHT EURO	0B	0	0	-	0	-
PETRO OUTRIGHT EURO	0D	163	103	58.3%	137	19.0%

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PETRO OUTRIGHT EURO	0E	0	-	8	-100.0%	
PETRO OUTRIGHT EURO	0F	80	-	140	-42.9%	
PETRO OUTRIGHT EURO	5L	0	-	0	-	
PETRO OUTRIGHT EURO	7I	100	-	0	-	
PETRO OUTRIGHT EURO	7R	0	-	0	-	
PETRO OUTRIGHT EURO	CBB	0	-	0	-	
PETRO OUTRIGHT EURO	CGB	0	-	0	-	
PETRO OUTRIGHT EURO	CPB	295	405	-27.2%	50	490.0%
PETRO OUTRIGHT EURO	EWN	265	1,265	-79.1%	298	-11.1%
PETRO OUTRIGHT EURO	M1B	2,263	2,275	-0.5%	2,500	-9.5%
PETRO OUTRIGHT EURO	MBB	185	0	-	0	-
PETRO OUTRIGHT EURO	MBN	2,443	1,823	34.0%	2,541	-3.9%
PETRO OUTRIGHT EURO	MEF	50	30	66.7%	60	-16.7%
PETRO OUTRIGHT EURO	MQA	246	198	24.2%	277	-11.2%
PETRO OUTRIGHT EURO	R53	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	1,832	3,202	-42.8%	1,959	-6.5%
PETRO OUTRIGHT EURO	R5O	1,437	1,610	-10.7%	1,666	-13.7%
PETRO OUTRIGHT EURO	RBM	0	5	-100.0%	0	-
PETRO OUTRIGHT EURO	S5B	0	0	-	0	-
PETRO OUTRIGHT EURO	S5F	354	545	-35.0%	352	0.6%
PETRO OUTRIGHT EURO	S5M	2,799	2,845	-1.6%	2,759	1.4%
PETRO OUTRIGHT EURO	S5O	712	877	-18.8%	805	-11.6%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-
PETRO OUTRIGHT EURO	SR5	0	192	-100.0%	0	-
PETRO OUTRIGHT EURO	ULB	0	50	-100.0%	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-
PETRO OUTRIGHT NA	A8B	215	260	-17.3%	0	-
PETRO OUTRIGHT NA	AB6	425	505	-15.8%	530	-19.8%
PETRO OUTRIGHT NA	BCR	275	575	-52.2%	800	-65.6%
PETRO OUTRIGHT NA	JE	0	0	-	0	-
PETRO OUTRIGHT NA	JET	1,780	2,550	-30.2%	1,225	45.3%
PETRO OUTRIGHT NA	JTB	175	0	-	213	-17.8%
PETRO OUTRIGHT NA	MBL	132	370	-64.3%	147	-10.2%
PETRO OUTRIGHT NA	MEN	45	29	55.2%	0	-
PETRO OUTRIGHT NA	MEO	265	213	24.4%	110	140.9%
PETRO OUTRIGHT NA	MMF	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	Z9	0	0	-	0	-
PJM DAILY	JD	0	126	-100.0%	0	-
PJM NI HUB 5MW REAL TIME	B3	0	0	-	0	-
PJM WESTH RT OFF-PEAK	N9	0	0	-	0	-
PJM WESTH RT PEAK	L1	0	10,710	-100.0%	0	-
PLASTICS	PGP	5,806	3,593	61.6%	5,845	-0.7%
PREMIUM UNLD 10P FOB MED	3G	0	15	-100.0%	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	622	1,004	-38.0%	1,600	-61.1%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	44,014	45,033	-2.3%	45,259	-2.8%
RBOB CALENDAR SWAP	RL	24,241	18,305	32.4%	13,343	81.7%
RBOB CRACK SPREAD	RM	3,760	6,196	-39.3%	4,795	-21.6%
RBOB CRACK SPREAD BALMO S	1E	0	100	-100.0%	0	-
RBOB GASOLINE BALMO CLNDR	1D	435	717	-39.3%	187	132.6%
RBOB PHY	MRB	4	0	-	3	33.3%
RBOB PHY	RBL	0	0	0.0%	0	0.0%

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<b>Energy Futures</b>						
RBOB VS HEATING OIL SWAP	RH	75	255	-70.6%	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	0	-
SINGAPORE 380CST BALMO	BT	0	0	-	47	-100.0%
SINGAPORE 380CST FUEL OIL	SE	612	395	54.9%	557	9.9%
SINGAPORE FUEL 180CST CAL	UA	46	3	1,433.3%	43	7.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	SD	20	81	-75.3%	20	0.0%
SINGAPORE GASOIL	MAF	0	6	-100.0%	0	-
SINGAPORE GASOIL	MTB	0	0	-	0	-
SINGAPORE GASOIL	MTS	436	268	62.7%	360	21.1%
SINGAPORE GASOIL	SBM	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	192	79	143.0%	213	-9.9%
SINGAPORE GASOIL SWAP	SG	50	900	-94.4%	50	0.0%
SINGAPORE GASOIL VS ICE	GA	0	1,704	-100.0%	0	-
SINGAPORE JET KERO GASOIL	RK	0	1,485	-100.0%	0	-
SINGAPORE JET KEROSENE SW	KS	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	30	300	-90.0%	0	-
TC2 ROTTERDAM TO USAC 37K	TM	0	172	-100.0%	0	-
TC5 RAS TANURA TO YOKOHAM	TH	0	90	-100.0%	0	-
TD3 MEG TO JAPAN 250K MT	TL	1,095	1,845	-40.7%	1,150	-4.8%
ULSD UP-DOWN BALMO SWP	1L	3,802	5,552	-31.5%	5,847	-35.0%
UP DOWN GC ULSD VS NMX HO	LT	53,261	43,168	23.4%	49,741	7.1%
WTI-BRENT BULLET SWAP	BY	252	0	-	252	0.0%
WTI-BRENT CALENDAR SWAP	BK	144,099	115,093	25.2%	146,328	-1.5%
WTI CALENDAR	CS	173,697	143,365	21.2%	166,978	4.0%
WTI MIDLAND CRUDE OIL	WTL	2,960	1,100	169.1%	2,240	32.1%
WTS (ARGUS) VS WTI SWAP	FF	20,534	19,541	5.1%	21,281	-3.5%
WTS (ARGUS) VS WTI TRD MT	FH	825	2,114	-61.0%	900	-8.3%
<b>Energy Options</b>						
BRENT CALENDAR SWAP	BA	1,549	2,349	-34.1%	1,922	-19.4%
BRENT CRUDE OIL 1 M CSO	9C	5,800	6,300	-7.9%	6,725	-13.8%
BRENT OIL LAST DAY	BE	16,250	30,465	-46.7%	16,000	1.6%
BRENT OIL LAST DAY	BZO	6,350	13,228	-52.0%	6,660	-4.7%
COAL API2 INDEX	F2C	350	190	84.2%	350	0.0%
COAL API2 INDEX	F2Q	0	0	-	0	-
CRUDE OIL 1MO	WA	177,000	183,600	-3.6%	146,850	20.5%
CRUDE OIL APO	AO	247,247	167,781	47.4%	233,704	5.8%
CRUDE OIL OUTRIGHTS	ECCL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	LC	68,828	42,466	62.1%	54,968	25.2%
CRUDE OIL PHY	LO	2,213,138	2,402,381	-7.9%	2,055,814	7.7%
CRUDE OIL PHY	LO1	16,995	9,369	81.4%	12,264	38.6%
CRUDE OIL PHY	LO2	2,495	1,415	76.3%	1,094	128.1%
CRUDE OIL PHY	LO3	107	146	-26.7%	17	529.4%
CRUDE OIL PHY	LO4	626	0	0.0%	0	-
CRUDE OIL PHY	LO5	0	0	-	0	0.0%
CRUDE OIL PHY	MCO	8,299	5,958	39.3%	8,327	-0.3%
CRUDE OIL PHY	ML1	2,930	0	-	13,638	-78.5%
CRUDE OIL PHY	ML2	1,728	0	-	1,469	17.6%
CRUDE OIL PHY	ML3	51	0	-	7	628.6%
CRUDE OIL PHY	ML4	0	0	-	1	-100.0%
CRUDE OIL PHY	ML5	0	0	-	0	-

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

Commodity		Open Interest APR 2024	Open Interest APR 2023	% CHG	Open Interest MAR 2024	% CHG
<b>Energy Options</b>						
CRUDE OIL PHY	MW1	445	273	63.0%	144	209.0%
CRUDE OIL PHY	MW2	0	0	-	0	-
CRUDE OIL PHY	MW3	0	0	-	0	-
CRUDE OIL PHY	MW4	0	0	0.0%	0	-
CRUDE OIL PHY	MW5	0	0	-	0	0.0%
CRUDE OIL PHY	WL1	14,448	0	-	4,453	224.5%
CRUDE OIL PHY	WL2	1,379	0	-	347	297.4%
CRUDE OIL PHY	WL3	398	0	-	8	4,875.0%
CRUDE OIL PHY	WL4	3	0	-	4	-25.0%
CRUDE OIL PHY	WL5	0	0	-	0	-
ELEC FINSETTLED	PJN	0	0	-	0	-
ETHANOL SWAP	CVR	4,889	4,412	10.8%	4,023	21.5%
FREIGHT MARKETS	FLO	0	0	-	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	0	-
HEATING OIL PHY	LB	219	52	321.2%	243	-9.9%
HEATING OIL PHY	OH	33,576	14,219	136.1%	20,765	61.7%
HENRY HUB FINANCIAL LAST	E7	154,319	43,062	258.4%	145,553	6.0%
HENRY HUB FINANCIAL LAST	ECNG	0	0	0.0%	0	0.0%
HO 1 MONTH CLNDR OPTIONS	FA	9,250	0	0.0%	9,200	0.5%
LLS CRUDE OIL	HTO	0	700	-100.0%	0	-
LLS CRUDE OIL	WTO	1,750	5,625	-68.9%	2,000	-12.5%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	-	0	-
NATURAL GAS	LN1	123	0	-	94	30.9%
NATURAL GAS	LN2	290	0	-	89	225.8%
NATURAL GAS	LN3	44	0	-	191	-77.0%
NATURAL GAS	LN4	42	0	-	0	-
NATURAL GAS	LN5	0	0	-	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	76,075	76,200	-0.2%	54,190	40.4%
NATURAL GAS 2 M CSO FIN	G2	8,000	0	-	11,000	-27.3%
NATURAL GAS 3 M CSO FIN	G3	222,625	152,575	45.9%	190,375	16.9%
NATURAL GAS 5 M CSO FIN	G5	0	0	-	19,050	-100.0%
NATURAL GAS 6 M CSO FIN	G6	0	0	-	0	-
NATURAL GAS OPT	JFO	0	100	-100.0%	0	-
NATURAL GAS OPT	JKO	0	400	-100.0%	0	-
NATURAL GAS OPT	TFO	0	0	-	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	764	224	241.1%	764	0.0%
NATURAL GAS PHY	KD	0	0	0.0%	0	-
NATURAL GAS PHY	LN	4,018,684	3,206,208	25.3%	4,049,379	-0.8%
NATURAL GAS PHY	ON	83,431	43,805	90.5%	74,762	11.6%
NATURAL GAS PHY	ON3	0	0	-	0	-
NY HARBOR HEAT OIL SWP	AT	25,324	15,886	59.4%	24,551	3.1%
PETROCHEMICALS	4H	1,817	2,915	-37.7%	802	126.6%
PETROCHEMICALS	4J	0	0	-	0	-
PETRO OUTRIGHT NA	DAP	0	90	-100.0%	0	-
PJM WES HUB PEAK CAL MTH	6OA	0	0	-	0	-
RBOB 1MO CAL SPD OPTIONS	ZA	600	0	-	0	-
RBOB CALENDAR SWAP	RA	40	128	-68.8%	51	-21.6%
RBOB PHY	OB	4,704	5,202	-9.6%	1,631	188.4%
RBOB PHY	RF	374	21	1,681.0%	457	-18.2%
SHORT TERM	U11	0	0	-	0	-
SHORT TERM	U12	0	0	-	0	-
SHORT TERM	U13	0	0	-	0	-



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest APR 2024	Open Interest APR 2023	% CHG	Open Interest MAR 2024	% CHG	
<b>Energy Options</b>						
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	300	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	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	122,025	103,700	17.7%	131,375	-7.1%
WTI CRUDE OIL 1 M CSO FI	7A	252,860	254,085	-0.5%	214,680	17.8%
WTI CRUDE OIL 1 M CSO FI	BVX	100	0	-	200	-50.0%
<b>Metals Futures</b>						
COMEX GOLD	GC	519,791	475,817	9.2%	507,834	2.4%
NYMEX HOT ROLLED STEEL	HR	24,251	25,322	-4.2%	29,474	-17.7%
NYMEX PLATINUM	PL	80,142	73,107	9.6%	79,389	0.9%
PALLADIUM	PA	23,638	12,521	88.8%	19,183	23.2%
URANIUM	UX	152	0	-	152	0.0%
COMEX SILVER	SI	166,315	140,253	18.6%	160,771	3.4%
COMEX E-Mini GOLD	QO	1,157	1,084	6.7%	1,006	15.0%
COMEX E-Mini SILVER	QI	661	337	96.1%	559	18.2%
COMEX COPPER	HG	293,492	196,596	49.3%	285,494	2.8%
COMEX MINY COPPER	QC	371	364	1.9%	418	-11.2%
ALUMINUM	AEP	4,562	8,416	-45.8%	4,106	11.1%
ALUMINUM	ALA	0	540	-100.0%	0	-
ALUMINUM	ALI	4,256	3,537	20.3%	3,018	41.0%
ALUMINUM	AUP	25,638	27,788	-7.7%	27,317	-6.1%
ALUMINUM	EDP	21,801	17,439	25.0%	21,567	1.1%
ALUMINUM	MJP	330	1,085	-69.6%	330	0.0%
COBALT METAL FUTURES	COB	18,425	20,357	-9.5%	18,314	0.6%
COBALT METAL FUTURES	COH	370	0	-	310	19.4%
COPPER	HGS	8,301	16,582	-49.9%	8,016	3.6%

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.

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

Commodity		Open Interest APR 2024	Open Interest APR 2023	% CHG	Open Interest MAR 2024	% CHG
<b>Metals Futures</b>						
COPPER	MHG	4,327	2,136	102.6%	5,385	-19.6%
FERROUS PRODUCTS	BUS	4,984	5,894	-15.4%	6,033	-17.4%
FERROUS PRODUCTS	FSF	12	25	-52.0%	33	-63.6%
FERROUS PRODUCTS	SHR	0	0	-	0	-
GOLD	SGC	376	339	10.9%	165	127.9%
GOLD	SGU	684	422	62.1%	336	103.6%
HOT ROLLED COIL STEEL FUTURES	EHR	6,541	6,680	-2.1%	6,243	4.8%
IRON ORE CHINA	TIO	630	171	268.4%	180	250.0%
LITHIUM CARBONATE FUTURES	LTC	10	0	-	75	-86.7%
METALS	HDG	40	955	-95.8%	60	-33.3%
METALS	LTH	22,994	1,539	1,394.1%	24,328	-5.5%
METALS	PAC	0	0	-	0	-
MICRO GOLD	MGC	37,555	21,809	72.2%	34,839	7.8%
MOLYBDENUM OXIDE FUTURES	MOX	1,041	202	415.3%	1,065	-2.3%
SILVER	SIL	11,263	8,626	30.6%	8,562	31.5%
<b>Metals Options</b>						
ALUMINUM	ALO	0	0	-	0	-
ALUMINUM	AX	2,130	481	342.8%	4,167	-48.9%
COMEX COPPER	HX	227,884	98,635	131.0%	190,322	19.7%
COMEX GOLD	ECGC	0	0	0.0%	0	0.0%
COMEX GOLD	OG	1,020,106	849,729	20.1%	849,931	20.0%
COMEX SILVER	ECSI	0	0	0.0%	0	0.0%
COMEX SILVER	SO	168,793	120,854	39.7%	119,458	41.3%
COPPER	ECHG	0	0	0.0%	0	0.0%
COPPER	H1E	709	148	379.1%	673	5.3%
COPPER	H1M	984	34	2,794.1%	520	89.2%
COPPER	H1R	84	0	-	3	2,700.0%
COPPER	H1T	64	0	-	85	-24.7%
COPPER	H1W	1,411	68	1,975.0%	2,528	-44.2%
COPPER	H2E	169	20	745.0%	239	-29.3%
COPPER	H2M	40	12	233.3%	23	73.9%
COPPER	H2R	54	0	-	22	145.5%
COPPER	H2T	15	0	-	45	-66.7%
COPPER	H2W	80	59	35.6%	47	70.2%
COPPER	H3E	24	20	20.0%	56	-57.1%
COPPER	H3M	10	7	42.9%	186	-94.6%
COPPER	H3R	7	0	-	4	75.0%
COPPER	H3T	2	0	-	15	-86.7%
COPPER	H3W	51	20	155.0%	10	410.0%
COPPER	H4E	66	0	0.0%	3	2,100.0%
COPPER	H4M	0	0	-	24	-100.0%
COPPER	H4R	19	0	-	0	0.0%
COPPER	H4T	0	0	-	0	-
COPPER	H4W	12	0	-	0	0.0%
COPPER	H5E	0	0	-	0	-
COPPER	H5M	0	0	-	0	-
COPPER	H5R	0	0	-	0	-
COPPER	H5T	0	0	-	0	-
COPPER	H5W	0	0	-	0	-
GOLD	1FG	50	0	-	20	150.0%
GOLD	1MG	0	0	-	49	-100.0%
GOLD	1WG	80	0	-	13	515.4%

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

Commodity	Open Interest APR 2024	Open Interest APR 2023	% CHG	Open Interest MAR 2024	% CHG	
<b>Metals Options</b>						
GOLD	2FG	15	0	-	22	-31.8%
GOLD	2MG	0	0	-	0	-
GOLD	2WG	18	0	-	0	-
GOLD	3FG	3	0	-	5	-40.0%
GOLD	3MG	0	0	-	0	-
GOLD	3WG	6	0	-	0	-
GOLD	4FG	0	0	-	0	-
GOLD	4MG	0	0	-	0	-
GOLD	4WG	0	0	-	0	0.0%
GOLD	5FG	0	0	-	0	-
GOLD	5MG	0	0	-	0	-
GOLD	5WG	0	0	-	0	-
GOLD	G1M	3,128	4,006	-21.9%	12,271	-74.5%
GOLD	G1R	2,986	0	-	2,746	8.7%
GOLD	G1T	1,071	0	-	3,201	-66.5%
GOLD	G1W	8,639	2,969	191.0%	7,374	17.2%
GOLD	G2M	1,221	2,078	-41.2%	4,057	-69.9%
GOLD	G2R	1,679	0	-	1,766	-4.9%
GOLD	G2T	1,009	0	-	1,027	-1.8%
GOLD	G2W	2,200	1,080	103.7%	1,900	15.8%
GOLD	G3M	342	519	-34.1%	965	-64.6%
GOLD	G3R	1,434	0	-	96	1,393.8%
GOLD	G3T	134	0	-	187	-28.3%
GOLD	G3W	1,126	238	373.1%	249	352.2%
GOLD	G4M	0	137	-100.0%	584	-100.0%
GOLD	G4R	513	0	-	0	0.0%
GOLD	G4T	0	0	-	38	-100.0%
GOLD	G4W	371	1	37,000.0%	14	2,550.0%
GOLD	G5M	0	0	-	0	-
GOLD	G5R	0	0	-	0	-
GOLD	G5T	0	0	-	0	-
GOLD	G5W	0	0	-	0	-
GOLD	OG1	16,486	13,903	18.6%	19,412	-15.1%
GOLD	OG2	4,018	5,296	-24.1%	11,176	-64.0%
GOLD	OG3	2,604	725	259.2%	1,054	147.1%
GOLD	OG4	150	0	0.0%	604	-75.2%
GOLD	OG5	0	0	-	0	-
GOLD	OMG	477	0	-	181	163.5%
IRON ORE CHINA	ICT	360	0	-	360	0.0%
NYMEX HOT ROLLED STEEL	COO	1,755	0	-	1,400	25.4%
NYMEX HOT ROLLED STEEL	HRO	7,952	7,700	3.3%	8,287	-4.0%
NYMEX HOT ROLLED STEEL	LHO	369	0	-	379	-2.6%
NYMEX PLATINUM	PO	22,530	27,360	-17.7%	15,493	45.4%
PALLADIUM	PAO	1,620	1,942	-16.6%	1,187	36.5%
SILVER	M1S	867	920	-5.8%	2,237	-61.2%
SILVER	M2S	494	459	7.6%	1,105	-55.3%
SILVER	M3S	128	102	25.5%	296	-56.8%
SILVER	M4S	0	15	-100.0%	108	-100.0%
SILVER	M5S	0	0	-	0	-
SILVER	R1S	996	0	-	626	59.1%
SILVER	R2S	539	0	-	68	692.6%
SILVER	R3S	431	0	-	10	4,210.0%



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest APR 2024	Open Interest APR 2023	% CHG	Open Interest MAR 2024	% CHG
<b>Metals Options</b>					
SILVER R4S	107	0	-	0	0.0%
SILVER R5S	0	0	-	0	-
SILVER S1T	181	0	-	450	-59.8%
SILVER S2T	392	0	-	339	15.6%
SILVER S3T	28	0	-	23	21.7%
SILVER S4T	0	0	-	6	-100.0%
SILVER S5T	0	0	-	0	-
SILVER SO1	3,568	1,276	179.6%	3,829	-6.8%
SILVER SO2	1,185	540	119.4%	1,607	-26.3%
SILVER SO3	502	161	211.8%	299	67.9%
SILVER SO4	8	0	0.0%	218	-96.3%
SILVER SO5	0	0	-	0	-
SILVER W1S	1,699	1,249	36.0%	1,137	49.4%
SILVER W2S	587	98	499.0%	581	1.0%
SILVER W3S	300	128	134.4%	175	71.4%
SILVER W4S	34	14	142.9%	18	88.9%
SILVER W5S	0	0	-	0	-
<b>TOTAL FUTURES GROUP</b>					
Ag Products Futures	79	0	-	44	79.5%
Energy Futures	7,095,040	6,589,024	7.7%	6,936,981	2.3%
Metals Futures	1,284,110	1,069,943	20.0%	1,254,562	2.4%
<b>TOTAL FUTURES</b>	<b>8,379,229</b>	<b>7,658,967</b>	<b>9.4%</b>	<b>8,191,587</b>	<b>2.3%</b>
<b>TOTAL OPTIONS GROUP</b>					
Energy Options	7,808,641	6,795,530	14.9%	7,520,191	3.8%
Metals Options	1,519,106	1,143,003	32.9%	1,277,610	18.9%
<b>TOTAL OPTIONS</b>	<b>9,327,747</b>	<b>7,938,533</b>	<b>17.5%</b>	<b>8,797,801</b>	<b>6.0%</b>



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest APR 2024	Open Interest APR 2023	% CHG	Open Interest MAR 2024	% CHG
<b>TOTAL COMBINED</b>					
Ag Products	79	0	-	44	79.5%
Energy	14,903,681	13,384,554	11.3%	14,457,172	3.1%
Metals	2,803,216	2,212,946	26.7%	2,532,172	10.7%
<b>GRAND TOTAL</b>	<b>17,706,976</b>	<b>15,597,500</b>	<b>13.5%</b>	<b>16,989,388</b>	<b>4.2%</b>