

## 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	0	-	8	-100.0%
PETRO OUTRIGHT EURO	0F	80	0	-	140	-42.9%
PETRO OUTRIGHT EURO	5L	0	0	-	0	-
PETRO OUTRIGHT EURO	7I	100	0	-	0	-
PETRO OUTRIGHT EURO	7R	0	0	-	0	-
PETRO OUTRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTRIGHT EURO	CGB	0	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
Energy Options						
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%
MCCLOSKY 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%

## NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest APR 2024	Open Interest APR 2023	% CHG	Open Interest MAR 2024	% CHG
Metals Futures						
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%
Metals Options						
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>