



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest APR 2022	Open Interest APR 2021	% CHG	Open Interest MAR 2022	% CHG	
<b>Ag Products Futures</b>						
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	0	-	0	-
SUGAR 11	YO	0	0	-	0	-
<b>Energy Futures</b>						
CRUDE OIL PHY	CL	1,752,306	2,381,401	-26.4%	1,805,276	-2.9%
CRUDE OIL	WS	0	8	-100.0%	0	-
MINY WTI CRUDE OIL	QM	3,965	3,255	21.8%	8,478	-53.2%
BRENT OIL LAST DAY	BZ	191,039	205,900	-7.2%	193,830	-1.4%
HEATING OIL PHY	HO	228,673	395,429	-42.2%	206,781	10.6%
HTG OIL	BH	100	123	-18.7%	74	35.1%
MINY HTG OIL	QH	2	0	-	0	-
RBOB PHY	RB	303,635	360,676	-15.8%	284,059	6.9%
MINY RBOB GAS	QU	2	2	0.0%	1	100.0%
NATURAL GAS	HP	230,841	126,183	82.9%	182,473	26.5%
LTD NAT GAS	HH	438,940	364,875	20.3%	443,871	-1.1%
MINY NATURAL GAS	QG	5,531	4,093	35.1%	4,062	36.2%
PJM MONTHLY	JM	0	0	-	0	-
NATURAL GAS PHY	NG	1,138,495	1,173,202	-3.0%	1,124,511	1.2%
RBOB GAS	RT	73	109	-33.0%	56	30.4%
3.5% FUEL OIL CID MED SWA	7D	0	0	-	0	-
AEP-DAYTON HUB DAILY	VD	10	10	0.0%	10	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	9,879	19,430	-49.2%	6,775	45.8%
ARGUS PROPAN FAR EST INDE	7E	4,942	5,536	-10.7%	4,659	6.1%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,904	1,768	7.7%	1,739	9.5%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-
BRENT BALMO SWAP	J9	0	0	-	740	-100.0%
BRENT CALENDAR SWAP	CY	41,114	13,234	210.7%	43,938	-6.4%
BRENT FINANCIAL FUTURES	BB	0	1,000	-100.0%	0	-
BRENT FINANCIAL FUTURES	MBC	0	0	-	0	-
BRENT FINANCIAL FUTURES	MDB	0	54	-100.0%	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	3,154	130	2,326.2%	2,875	9.7%
CAR VINTAGE	NGO	17,672	0	-	16,884	4.7%
CHICAGO ETHANOL SWAP	CU	33,208	40,093	-17.2%	29,784	11.5%
CHICAGO ULSD PL VS HO SPR	5C	1,838	1,488	23.5%	1,933	-4.9%
CHICAGO UNL GAS PL VS RBO	3C	75	1,060	-92.9%	75	0.0%
CIG BASIS	CI	0	0	-	0	-
CIN HUB 5MW D AH PK	H5	0	0	-	0	-
CIN HUB 5MW REAL TIME O P	H4	0	0	-	0	-
CIN HUB 5MW REAL TIME PK	H3	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	0	0	-	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	1,854	557	232.9%	1,685	10.0%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	839	511	64.2%	538	55.9%
CONWAY PROPANE 5 DECIMALS SWAP	8K	18,810	17,632	6.7%	19,229	-2.2%
CRUDE OIL	LPS	0	50	-100.0%	0	-
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	709	381	86.1%	2,423	-70.7%
CRUDE OIL OUTRIGHTS	CC5	1,950	3,491	-44.1%	2,172	-10.2%
CRUDE OIL OUTRIGHTS	CSW	420	2,754	-84.7%	570	-26.3%

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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	945	3,315	-71.5%	1,080	-12.5%
CRUDE OIL OUTRIGHTS	HTT	138,658	136,593	1.5%	124,868	11.0%
CRUDE OIL OUTRIGHTS	LSW	2,377	4,781	-50.3%	3,012	-21.1%
CRUDE OIL OUTRIGHTS	WCW	7,055	13,917	-49.3%	9,915	-28.8%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	0	251	-100.0%	0	-
CRUDE OIL PHY	MCL	6,390	0	-	26,174	-75.6%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	2,055	868	136.8%	2,000	2.8%
CRUDE OIL SPRDS	HIL	5,780	17,775	-67.5%	6,150	-6.0%
CRUDE OIL SPRDS	WTT	115,924	86,308	34.3%	100,636	15.2%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	600	480	25.0%	480	25.0%
DAILY PJM	IDO	1,560	19,456	-92.0%	1,152	35.4%
DAILY PJM	NOC	0	960	-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	5,400	1,920	181.3%	4,320	25.0%
DAILY PJM	ZAO	0	0	-	0	-
DAILY PJM	ZGO	0	10,240	-100.0%	0	-
DAILY PJM	ZJO	0	0	-	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	2,445	550	344.5%	2,470	-1.0%
DIESEL 10P BRG FOB RDM VS	7X	5	0	-	0	-
DOMINION TRANSMISSION INC	PG	0	108	-100.0%	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	1,500	0	-	1,500	0.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	5,011	29,513	-83.0%	6,092	-17.7%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	A5	1,158	4,242	-72.7%	1,269	-8.7%
ELEC FINSETTLED	47	0	0	-	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
EMMISSIONS	CGO	56	0	-	9	522.2%
ETHANOL	MTH	0	10	-100.0%	0	-
ETHANOL SWAP	MT2	730	715	2.1%	580	25.9%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	6,429	8,651	-25.7%	7,012	-8.3%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	0	-
EURO 3.5% FUEL OIL SPREAD	FK	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	893	748	19.4%	947	-5.7%
EUROPE 1% FUEL OIL NWE CA	UF	45	12	275.0%	50	-10.0%
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	209	163	28.2%	221	-5.4%
EUROPEAN GASOIL (ICE)	7F	4,183	3,408	22.7%	4,435	-5.7%
EUROPEAN NAPHTHA BALMO	KZ	30	8	275.0%	5	500.0%



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EUROPEAN NAPHTHA CRACK SPR	EN	7,672	2,799	174.1%	8,413	-8.8%
EUROPE DATED BRENT SWAP	UB	10	731	-98.6%	11	-9.1%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	UN	982	873	12.5%	1,217	-19.3%
EURO PROPANE CIF ARA SWA	PS	2,849	2,509	13.6%	2,877	-1.0%
FREIGHT MARKETS	ACB	0	0	-	0	-
FREIGHT MARKETS	BF1	0	0	-	0	-
FREIGHT MARKETS	BF2	0	396	-100.0%	0	-
FREIGHT MARKETS	BF3	0	0	-	0	-
FREIGHT MARKETS	BL2	130	0	-	150	-13.3%
FREIGHT MARKETS	CS4	120	0	-	120	0.0%
FREIGHT MARKETS	FLJ	0	10	-100.0%	0	-
FREIGHT MARKETS	FLP	147	519	-71.7%	142	3.5%
FREIGHT MARKETS	FRC	45	60	-25.0%	50	-10.0%
FREIGHT MARKETS	T2D	360	300	20.0%	410	-12.2%
FREIGHT MARKETS	T7C	0	0	-	0	-
FREIGHT MARKETS	T8C	0	0	-	0	-
FREIGHT MARKETS	TC6	0	0	-	25	-100.0%
FREIGHT MARKETS	TD3	0	0	-	0	-
FREIGHT MARKETS	USC	0	0	-	0	-
FREIGHT MARKETS	USE	0	90	-100.0%	0	-
FUEL OIL CRACK VS ICE	FO	782	1,990	-60.7%	1,168	-33.0%
FUEL OIL NWE CRACK VS ICE	FI	81	0	-	87	-6.9%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	0	81	-100.0%	0	-
GAS EURO-BOB OXY NWE BARGES	7H	605	1,933	-68.7%	790	-23.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	10,227	15,467	-33.9%	10,968	-6.8%
GASOIL 0.1CIF MED VS ICE	Z5	45	0	-	50	-10.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	5	39	-87.2%	5	0.0%
GASOIL 0.1 ROTTERDAM BARG	VL	76	40	90.0%	95	-20.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	416	190	118.9%	516	-19.4%
GASOIL CRACK SPREAD CALEN	GZ	3,998	4,460	-10.4%	4,717	-15.2%
GASOIL MINI CALENDAR SWAP	QA	1,222	1,431	-14.6%	1,249	-2.2%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	162	843	-80.8%	180	-10.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	8,990	10,369	-13.3%	7,880	14.1%
GRP THREE UNL GS (PLT) VS	A8	6,835	5,775	18.4%	6,455	5.9%
GULF COAST 3% FUEL OIL BA	VZ	0	0	-	400	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	750	-100.0%	0	-
GULF COAST JET VS NYM 2 H	ME	11,792	28,276	-58.3%	11,774	0.2%
GULF COAST NO.6 FUEL OIL	MF	4,957	4,739	4.6%	4,908	1.0%
GULF COAST NO.6 FUEL OIL	MG	7,650	0	-	7,910	-3.3%
GULF COAST ULSD CALENDAR	LY	1,026	4,663	-78.0%	1,164	-11.9%
GULF COAST ULSD CRACK SPR	GY	0	90	-100.0%	0	-
HEATING OIL BALMO CLNDR S	1G	15	0	-	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	0	-	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	0	-	0	-
HENRY HUB SWAP	NN	559,042	599,073	-6.7%	575,683	-2.9%

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<b>Energy Futures</b>						
HOUSTON SHIP CHANNEL BASI	NH	0	1,225	-100.0%	0	-
ICE BRENT DUBAI SWAP	DB	1,735	5,321	-67.4%	1,996	-13.1%
ICE GASOIL BALMO SWAP	U9	0	20	-100.0%	0	-
INDIANA MISO	FTD	0	0	-	0	-
INDIANA MISO	PDD	0	0	-	0	-
INDIANA MISO	PTD	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	0	645	-100.0%	0	-
JAPAN C&F NAPHTHA CRACK S	JB	6	0	-	6	0.0%
JAPAN C&F NAPHTHA SWAP	JA	338	196	72.4%	369	-8.4%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	6	-100.0%
JET CIF NWE VS ICE	JC	1,024	499	105.2%	1,076	-4.8%
JET FUEL UP-DOWN BALMO CL	1M	910	1,100	-17.3%	3,760	-75.8%
JKM LNG Futures	JKM	1,508	4,751	-68.3%	1,609	-6.3%
LA CARB DIESEL (OPIS) SWA	KL	1,258	575	118.8%	1,242	1.3%
LA CARBOB GASOLINE(OPIS)S	JL	0	100	-100.0%	0	-
LA JET (OPIS) SWAP	JS	875	771	13.5%	795	10.1%
LLS (ARGUS) CALENDAR SWAP	XA	0	50	-100.0%	0	-
LLS (ARGUS) VS WTI SWAP	WJ	2,487	3,247	-23.4%	2,704	-8.0%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	1,100	890	23.6%	1,400	-21.4%
MARS (ARGUS) VS WTI TRD M	YV	24,926	28,559	-12.7%	23,570	5.8%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	11,752	16,451	-28.6%	10,596	10.9%
MCCLOSKEY RCH BAY COAL	MFF	910	1,339	-32.0%	962	-5.4%
MGN1 SWAP FUT	MGN	0	20	-100.0%	0	-
MICHIGAN BASIS	NF	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	5	45	-88.9%	155	-96.8%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	-	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	894	1,223	-26.9%	447	100.0%
MJC FUT	MJC	0	20	-100.0%	0	-
MNC FUT	MNC	2,362	791	198.6%	2,651	-10.9%
MONT BELVIEU ETHANE 5 DECIMAL	C0	49,554	46,182	7.3%	50,307	-1.5%
MONT BELVIEU ETHANE OPIS BALMO	8C	415	145	186.2%	446	-7.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	121,993	137,497	-11.3%	127,514	-4.3%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	3,263	4,830	-32.4%	2,378	37.2%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	36,542	32,155	13.6%	34,908	4.7%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,653	410	303.2%	1,240	33.3%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	49,465	59,805	-17.3%	48,194	2.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,049	703	49.2%	1,591	-34.1%
NATURAL GAS PEN SWP	NP	211,300	252,104	-16.2%	200,910	5.2%
NEPOOL INTR HUB 5MW D AH	H2	5,880	104,044	-94.3%	7,104	-17.2%
NEPOOL INTR HUB 5MW D AH	U6	321	4,675	-93.1%	384	-16.4%
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	96	868	-88.9%	63	52.4%
NEW YORK ETHANOL SWAP	EZ	1,441	535	169.3%	1,790	-19.5%
NEW YORK HUB ZONE G PEAK	GN	800	310	158.1%	800	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	-	0	-
NGPL MID-CONTINENT	NL	0	0	-	0	-
NGPL TEX/OK	PD	0	0	-	0	-
N ILLINOIS HUB DAILY	UD	0	20	-100.0%	0	-
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-

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<b>Energy Futures</b>					
NORTHWEST ROCKIES BASIS S	NR	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	0	-100.0%	0	-
NY HARBOR 1% FUEL OIL BAL	VK	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	7,633	-23.7%	7,191	6.1%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	450	-76.1%	500	-10.0%
NY HARBOR RESIDUAL FUEL 1	MM	400	-27.3%	450	-11.1%
NYH NO 2 CRACK SPREAD CAL	HK	15,600	99.5%	13,376	16.6%
NYISO CAPACITY	LHV	0	-	0	-
NYISO CAPACITY	NRS	0	-	0	-
NYISO ZONE A 5MW D AH O P	K4	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	0	-100.0%	0	-
NYISO ZONE G 5MW D AH PK	T3	3,725	-52.8%	4,250	-12.4%
NYISO ZONE J 5MW D AH O P	D4	0	-	0	-
NYISO ZONE J 5MW D AH PK	D3	0	-	0	-
NYMEX ALUMINUM FUTURES	AN	0	-	0	-
NYMEX ULSD VS NYMEX HO	UY	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	109	-22.7%	409	-73.3%
PANHANDLE BASIS SWAP FUTU	PH	0	-100.0%	0	-
PERMIAN BASIS SWAP	PM	0	-	0	-
PETROCHEMICALS	22	92	-31.3%	156	-41.0%
PETROCHEMICALS	32	53	103.8%	69	-23.2%
PETROCHEMICALS	3NA	62	67.6%	70	-11.4%
PETROCHEMICALS	51	0	-	0	-
PETROCHEMICALS	81	364	-	364	0.0%
PETROCHEMICALS	8I	7,381	-8.0%	7,258	1.7%
PETROCHEMICALS	91	1,011	8.9%	1,092	-7.4%
PETROCHEMICALS	MAA	130	-	110	18.2%
PETROCHEMICALS	MAE	2,113	42.0%	2,456	-14.0%
PETROCHEMICALS	MAS	965	150.6%	1,220	-20.9%
PETROCHEMICALS	MBE	50	-37.5%	90	-44.4%
PETROCHEMICALS	MNB	0	-100.0%	40	-100.0%
PETROCHEMICALS	MPS	1,254	-0.3%	1,323	-5.2%
PETROCHEMICALS	PMF	12	-	12	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	-100.0%	0	-
PETRO CRCKS & SPRDS NA	CRB	21,396	4.3%	22,585	-5.3%
PETRO CRCKS & SPRDS NA	EXR	1,211	-36.2%	1,225	-1.1%
PETRO CRCKS & SPRDS NA	FOC	0	-	0	-
PETRO CRCKS & SPRDS NA	GBB	0	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GCC	0	-	0	-
PETRO CRCKS & SPRDS NA	GCI	0	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GCM	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	275	-72.8%	275	0.0%
PETRO CRCKS & SPRDS NA	GFC	0	-	720	-100.0%
PETRO CRCKS & SPRDS NA	HOB	1,873	-62.8%	2,377	-21.2%
PETRO CRCKS & SPRDS NA	MFR	0	-100.0%	0	-
PETRO CRCKS & SPRDS NA	NYF	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	3,169	-32.7%	3,164	0.2%
PETRO CRCKS & SPRDS NA	RVG	10,326	101.6%	11,027	-6.4%
PETRO CRCKS & SPRDS NA	SF3	0	-	0	-
PETRO CRK&SPRD EURO	1NB	1,155	2,306.3%	1,305	-11.5%
PETRO CRK&SPRD EURO	43	25	-	0	-

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<b>Energy Futures</b>						
PETRO CRK&SPRD EURO	BOB	566	524	8.0%	611	-7.4%
PETRO CRK&SPRD EURO	EOB	15	5	200.0%	15	0.0%
PETRO CRK&SPRD EURO	EPN	846	1,019	-17.0%	1,036	-18.3%
PETRO CRK&SPRD EURO	EVC	270	180	50.0%	325	-16.9%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-
PETRO CRK&SPRD EURO	GOC	9	0	-	9	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	376	317	18.6%	414	-9.2%
PETROLEUM PRODUCTS	1NM	0	300	-100.0%	0	-
PETROLEUM PRODUCTS	BEB	0	3	-100.0%	0	-
PETROLEUM PRODUCTS	BEF	0	1	-100.0%	2	-100.0%
PETROLEUM PRODUCTS	CMS	290	30	866.7%	290	0.0%
PETROLEUM PRODUCTS	EWG	2,451	0	-	2,651	-7.5%
PETROLEUM PRODUCTS	H5F	50	30	66.7%	25	100.0%
PETROLEUM PRODUCTS	JCC	5,096	496	927.4%	4,059	25.5%
PETROLEUM PRODUCTS	MME	0	0	-	0	-
PETROLEUM PRODUCTS	MPE	0	0	-	0	-
PETROLEUM PRODUCTS	NCC	0	0	-	0	-
PETROLEUM PRODUCTS	R5E	0	0	-	0	-
PETROLEUM PRODUCTS	R5F	176	112	57.1%	182	-3.3%
PETROLEUM PRODUCTS	S53	12	18	-33.3%	12	0.0%
PETROLEUM PRODUCTS	UCS	0	0	-	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-
PETROLEUM PRODUCTS	VU	500	20	2,400.0%	225	122.2%
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	MJN	1,201	402	198.8%	1,318	-8.9%
PETRO OUTFRIGHT EURO	OB	126	18	600.0%	140	-10.0%
PETRO OUTFRIGHT EURO	OC	0	0	-	0	-
PETRO OUTFRIGHT EURO	OD	134	308	-56.5%	136	-1.5%
PETRO OUTFRIGHT EURO	OE	0	0	-	0	-
PETRO OUTFRIGHT EURO	OF	9	12	-25.0%	0	-
PETRO OUTFRIGHT EURO	1T	0	0	-	0	-
PETRO OUTFRIGHT EURO	5L	0	0	-	0	-
PETRO OUTFRIGHT EURO	63	0	0	-	0	-
PETRO OUTFRIGHT EURO	7I	50	0	-	100	-50.0%
PETRO OUTFRIGHT EURO	7R	0	0	-	21	-100.0%
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CPB	70	415	-83.1%	317	-77.9%
PETRO OUTFRIGHT EURO	EFF	0	0	-	0	-
PETRO OUTFRIGHT EURO	EFM	0	12	-100.0%	0	-
PETRO OUTFRIGHT EURO	ENS	0	0	-	0	-
PETRO OUTFRIGHT EURO	EWN	417	153	172.5%	494	-15.6%
PETRO OUTFRIGHT EURO	FLB	0	0	-	0	-
PETRO OUTFRIGHT EURO	GNO	0	0	-	0	-
PETRO OUTFRIGHT EURO	H5G	0	0	-	0	-
PETRO OUTFRIGHT EURO	JFB	0	0	-	0	-
PETRO OUTFRIGHT EURO	M1B	3,698	5,342	-30.8%	3,691	0.2%
PETRO OUTFRIGHT EURO	MBB	0	20	-100.0%	0	-

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

Commodity	Open Interest APR 2022	Open Interest APR 2021	% CHG	Open Interest MAR 2022	% CHG	
<b>Energy Futures</b>						
PETRO OUTRIGHT EURO	MBN	2,498	1,632	53.1%	2,438	2.5%
PETRO OUTRIGHT EURO	MEF	235	665	-64.7%	255	-7.8%
PETRO OUTRIGHT EURO	MQA	71	0	-	71	0.0%
PETRO OUTRIGHT EURO	R53	27	60	-55.0%	30	-10.0%
PETRO OUTRIGHT EURO	R5B	0	20	-100.0%	0	-
PETRO OUTRIGHT EURO	R5M	4,177	1,630	156.3%	5,028	-16.9%
PETRO OUTRIGHT EURO	R5O	3,703	2,789	32.8%	4,424	-16.3%
PETRO OUTRIGHT EURO	RBM	10	0	-	16	-37.5%
PETRO OUTRIGHT EURO	S5B	0	0	-	0	-
PETRO OUTRIGHT EURO	S5F	235	312	-24.7%	266	-11.7%
PETRO OUTRIGHT EURO	S5M	3,329	3,602	-7.6%	3,659	-9.0%
PETRO OUTRIGHT EURO	S5O	4,863	2,034	139.1%	6,336	-23.2%
PETRO OUTRIGHT EURO	SMU	0	0	-	0	-
PETRO OUTRIGHT EURO	T0	0	0	-	0	-
PETRO OUTRIGHT EURO	T2B	0	0	-	0	-
PETRO OUTRIGHT EURO	TLB	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTRIGHT EURO	UNB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	0	0	-	0	-
PETRO OUTRIGHT NA	A8B	505	50	910.0%	30	1,583.3%
PETRO OUTRIGHT NA	AB6	100	0	-	955	-89.5%
PETRO OUTRIGHT NA	BCR	530	2,175	-75.6%	750	-29.3%
PETRO OUTRIGHT NA	DBB	0	0	-	0	-
PETRO OUTRIGHT NA	FCB	0	0	-	0	-
PETRO OUTRIGHT NA	H5B	0	0	-	0	-
PETRO OUTRIGHT NA	JE	90	425	-78.8%	40	125.0%
PETRO OUTRIGHT NA	JET	525	50	950.0%	925	-43.2%
PETRO OUTRIGHT NA	JTB	475	0	-	540	-12.0%
PETRO OUTRIGHT NA	MBL	375	328	14.3%	375	0.0%
PETRO OUTRIGHT NA	MEN	65	35	85.7%	55	18.2%
PETRO OUTRIGHT NA	MEO	352	569	-38.1%	348	1.1%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	15,805	39,125	-59.6%	17,725	-10.8%
PJM AD HUB 5MW REAL TIME	Z9	850	2,130	-60.1%	955	-11.0%
PJM DAILY	JD	284	296	-4.1%	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	1,710	-100.0%	0	-
PJM NI HUB 5MW REAL TIME	B6	0	31,450	-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	142,245	273,500	-48.0%	159,525	-10.8%
PJM WESTH RT PEAK	L1	29,982	41,975	-28.6%	32,964	-9.0%
PLASTICS	PGP	3,758	2,313	62.5%	3,717	1.1%
PREMIUM UNLD 10P FOB MED	3G	135	0	-	150	-10.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,217	1,977	-38.4%	1,152	5.6%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	43,549	63,270	-31.2%	46,419	-6.2%
RBOB CALENDAR SWAP	RL	12,497	15,794	-20.9%	12,226	2.2%

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

Commodity		Open Interest APR 2022	Open Interest APR 2021	% CHG	Open Interest MAR 2022	% CHG
<b>Energy Futures</b>						
RBOB CRACK SPREAD	RM	18,139	10,352	75.2%	17,779	2.0%
RBOB GASOLINE BALMO CLNDR	1D	469	372	26.1%	2,032	-76.9%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	375	630	-40.5%	375	0.0%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	0	-
SINGAPORE 380CST BALMO	BT	1	0	-	0	-
SINGAPORE 380CST FUEL OIL	SE	509	501	1.6%	422	20.6%
SINGAPORE FUEL 180CST CAL	UA	0	0	-	0	-
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0	-
SINGAPORE GASOIL	MAF	1,209	413	192.7%	703	72.0%
SINGAPORE GASOIL	MTB	85	0	-	41	107.3%
SINGAPORE GASOIL	MTS	712	748	-4.8%	688	3.5%
SINGAPORE GASOIL	SBM	70	7	900.0%	65	7.7%
SINGAPORE GASOIL CALENDAR	MSG	367	1,902	-80.7%	432	-15.0%
SINGAPORE GASOIL SWAP	SG	1,556	5,577	-72.1%	898	73.3%
SINGAPORE GASOIL VS ICE	GA	5,070	2,126	138.5%	5,335	-5.0%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	3,745	600	524.2%	4,095	-8.5%
SINGAPORE JET KEROSENE SW	KS	175	1,125	-84.4%	375	-53.3%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	210	-100.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	300	1,440	-79.2%	500	-40.0%
Sumas Basis Swap	NK	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	TM	129	105	22.9%	193	-33.2%
TC5 RAS TANURA TO YOKOHAM	TH	150	135	11.1%	175	-14.3%
TCO BASIS SWAP	TC	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	4,265	6,549	-34.9%	4,580	-6.9%
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	60	-100.0%	0	-
ULSD UP-DOWN BALMO SWP	1L	5,174	2,995	72.8%	5,598	-7.6%
UP DOWN GC ULSD VS NMX HO	LT	33,398	52,025	-35.8%	36,202	-7.7%
WAHA BASIS	NW	0	0	-	0	-
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-
WTI-BRENT CALENDAR SWAP	BK	109,473	89,455	22.4%	112,204	-2.4%
WTI CALENDAR	CS	172,484	158,863	8.6%	174,791	-1.3%
WTI MIDLAND CRUDE OIL	WTL	0	1,365	-100.0%	0	-
WTS (ARGUS) VS WTI SWAP	FF	29,515	55,935	-47.2%	31,087	-5.1%
WTS (ARGUS) VS WTI TRD MT	FH	8,455	9,798	-13.7%	8,105	4.3%
<b>Energy Options</b>						
BRENT CALENDAR SWAP	BA	2,858	1,124	154.3%	3,092	-7.6%
BRENT CRUDE OIL 1 M CSO	9C	5,650	71,200	-92.1%	5,300	6.6%
BRENT OIL LAST DAY	BE	58,024	117,045	-50.4%	59,966	-3.2%
BRENT OIL LAST DAY	BZO	64,473	68,376	-5.7%	92,071	-30.0%
BRENT OIL LAST DAY	OS	0	0	-	0	-
COAL API2 INDEX	F2C	305	360	-15.3%	245	24.5%
COAL API2 INDEX	F2Q	0	610	-100.0%	0	-
CRUDE OIL	6Y	0	50	-100.0%	0	-
CRUDE OIL 1MO	WA	183,421	408,630	-55.1%	197,933	-7.3%
CRUDE OIL APO	AO	254,834	251,756	1.2%	270,849	-5.9%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest APR 2022	Open Interest APR 2021	% CHG	Open Interest MAR 2022	% CHG
<b>Energy Options</b>					
CRUDE OIL PHY	0	0	-	0	-
CRUDE OIL PHY	136,063	24,998	444.3%	109,647	24.1%
CRUDE OIL PHY	2,377,165	2,089,660	13.8%	2,369,265	0.3%
CRUDE OIL PHY	5,875	3,811	54.2%	13,018	-54.9%
CRUDE OIL PHY	624	572	9.1%	2,466	-74.7%
CRUDE OIL PHY	50	201	-75.1%	0	-
CRUDE OIL PHY	0	0	-	195	-100.0%
CRUDE OIL PHY	0	0	0.0%	1	-100.0%
ELEC FINSETTLED	43	43	0.0%	43	0.0%
ETHANOL SWAP	7,782	5,407	43.9%	10,528	-26.1%
ETHANOL SWAP	0	0	-	0	-
FREIGHT MARKETS	30	0	-	30	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	2,250	3,330	-32.4%	2,250	0.0%
HEATING OIL PHY	0	0	-	0	-
HEATING OIL PHY	780	432	80.6%	975	-20.0%
HEATING OIL PHY	11,435	11,824	-3.3%	12,144	-5.8%
HENRY HUB FINANCIAL LAST	32,766	39,252	-16.5%	31,481	4.1%
HO 1 MONTH CLNDR OPTIONS	0	0	-	0	0.0%
LLS CRUDE OIL	1,200	0	-	1,200	0.0%
LLS CRUDE OIL	1,050	700	50.0%	1,200	-12.5%
MCCLOSKEY ARA ARGS COAL	180	1,080	-83.3%	180	0.0%
MCCLOSKEY RCH BAY COAL	0	0	-	0	-
NATURAL GAS	0	0	-	2	-100.0%
NATURAL GAS	0	0	-	0	-
NATURAL GAS	0	0	-	1	-100.0%
NATURAL GAS	0	0	-	0	-
NATURAL GAS	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	78,200	28,475	174.6%	27,775	181.5%
NATURAL GAS 2 M CSO FIN	0	5,800	-100.0%	0	-
NATURAL GAS 3 M CSO FIN	67,850	30,526	122.3%	47,800	41.9%
NATURAL GAS 5 M CSO FIN	0	0	-	20,381	-100.0%
NATURAL GAS 6 M CSO FIN	0	0	-	0	-
NATURAL GAS OPT	0	0	-	0	-
NATURAL GAS OPT	5,200	5,800	-10.3%	6,675	-22.1%
NATURAL GAS OPT	1,900	68,010	-97.2%	2,900	-34.5%
NATURAL GAS OPTION ON CALENDAR STRP	7,784	21,928	-64.5%	7,784	0.0%
NATURAL GAS PHY	0	0	0.0%	0	-
NATURAL GAS PHY	3,035,813	2,147,749	41.3%	2,616,460	16.0%
NATURAL GAS PHY	51,828	43,006	20.5%	43,631	18.8%
NATURAL GAS SUMMER STRIP	0	0	-	0	-
NATURAL GAS WINTER STRIP	0	0	-	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-
NY HARBOR HEAT OIL SWP	6,580	4,806	36.9%	6,838	-3.8%
PETROCHEMICALS	4,407	1,467	200.4%	5,514	-20.1%
PETROCHEMICALS	0	850	-100.0%	200	-100.0%
PETROCHEMICALS	0	0	-	0	-
PETROCHEMICALS	0	0	-	0	-
PETRO OUTRIGHT EURO	0	0	-	0	-
PETRO OUTRIGHT NA	0	0	-	0	-
PETRO OUTRIGHT NA	1,185	885	33.9%	1,310	-9.5%
PJM WES HUB PEAK CAL MTH	180	850	-78.8%	180	0.0%
PJM WES HUB PEAK LMP 50MW	0	302	-100.0%	0	-

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 2022	Open Interest APR 2021	% CHG	Open Interest MAR 2022	% CHG	
<b>Metals Futures</b>						
ALUMINUM	ALA	1,755	1,650	6.4%	1,835	-4.4%
ALUMINUM	ALI	299	249	20.1%	388	-22.9%
ALUMINUM	AUP	25,028	24,748	1.1%	24,932	0.4%
ALUMINUM	CUP	0	0	-	0	-
ALUMINUM	EDP	17,277	11,521	50.0%	18,351	-5.9%
ALUMINUM	MJP	4,368	2,280	91.6%	4,810	-9.2%
COBALT METAL FUTURES	COB	2,047	725	182.3%	1,767	15.8%
COPPER	HGS	14,509	20,934	-30.7%	13,720	5.8%
FERROUS PRODUCTS	BUS	5,919	5,406	9.5%	7,333	-19.3%
GOLD	4GC	0	0	-	0	-
GOLD	SGC	523	105	398.1%	487	7.4%
GOLD	SGU	1,216	199	511.1%	920	32.2%
HOT ROLLED COIL STEEL FUTURES	EHR	2,007	1,006	99.5%	2,228	-9.9%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	-	0	-
IRON ORE CHINA	TIO	1,695	1,563	8.4%	1,444	17.4%
METALS	HDG	175	75	133.3%	47	272.3%
METALS	LTH	3	0	-	3	0.0%
METALS	PAC	0	0	-	0	-
MICRO GOLD	MGC	29,821	31,250	-4.6%	26,205	13.8%
SILVER	SIL	7,223	7,341	-1.6%	6,156	17.3%
<b>Metals Options</b>						
ALUMINUM	ALO	0	1,200	-100.0%	350	-100.0%
COMEX COPPER	HX	57,892	52,346	10.6%	42,275	36.9%
COMEX GOLD	OG	826,039	930,705	-11.2%	791,011	4.4%
COMEX SILVER	SO	72,442	88,191	-17.9%	86,461	-16.2%
COPPER	H1E	45	1	4,400.0%	26	73.1%
COPPER	H2E	42	2	2,000.0%	73	-42.5%
COPPER	H3E	0	0	-	11	-100.0%
COPPER	H4E	0	0	-	2	-100.0%
COPPER	H5E	0	0	-	0	-
GOLD	OG1	17,496	13,478	29.8%	22,968	-23.8%
GOLD	OG2	4,490	4,321	3.9%	11,384	-60.6%
GOLD	OG3	1,937	448	332.4%	7,305	-73.5%
GOLD	OG4	0	0	-	424	-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	0	1,210	-100.0%	50	-100.0%
NYMEX HOT ROLLED STEEL	HRO	3,880	1,425	172.3%	4,180	-7.2%
NYMEX PLATINUM	PO	13,021	11,776	10.6%	9,267	40.5%
PALLADIUM	PAO	37	1,641	-97.7%	35	5.7%
SILVER	SO1	766	1,058	-27.6%	2,022	-62.1%
SILVER	SO2	1,092	401	172.3%	1,074	1.7%
SILVER	SO3	334	33	912.1%	454	-26.4%
SILVER	SO4	0	0	-	51	-100.0%
SILVER	SO5	0	0	0.0%	0	-



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest APR 2022	Open Interest APR 2021	% CHG	Open Interest MAR 2022	% CHG
<b>TOTAL FUTURES GROUP</b>					
Ag Products Futures	0	0	-	0	-
Energy Futures	6,673,029	7,892,648	-15.5%	6,681,995	-0.1%
Metals Futures	1,110,224	1,108,862	0.1%	1,151,551	-3.6%
<b>TOTAL FUTURES</b>	<b>7,783,253</b>	<b>9,001,510</b>	<b>-13.5%</b>	<b>7,833,546</b>	<b>-0.6%</b>
<b>TOTAL OPTIONS GROUP</b>					
Energy Options	6,636,610	5,913,964	12.2%	6,168,522	7.6%
Metals Options	999,513	1,108,236	-9.8%	979,423	2.1%
<b>TOTAL OPTIONS</b>	<b>7,636,123</b>	<b>7,022,200</b>	<b>8.7%</b>	<b>7,147,945</b>	<b>6.8%</b>
<b>TOTAL COMBINED</b>					
Ag Products	0	0	-	0	-
Energy	13,309,639	13,806,612	-3.6%	12,850,517	3.6%
Metals	2,109,737	2,217,098	-4.8%	2,130,974	-1.0%
<b>GRAND TOTAL</b>	<b>15,419,376</b>	<b>16,023,710</b>	<b>-3.8%</b>	<b>14,981,491</b>	<b>2.9%</b>