

NYMEX/COMEX Exchange Open Interest Report - Monthly

	Commodity	Open Interest AUG 2021	Open Interest AUG 2020	% CHG	Open Interest JUL 2021	% CHG
Ag Products Futures						
COCOA TAS	CJ	0	0	-	0	-
COFFEE	KT	0	0	-	0	-
COTTON	TT	0	3	-100.0%	0	-
SUGAR 11	YO	0	0	-	0	-
Energy Futures						
CRUDE OIL PHY	CL	2,074,185	2,061,302	0.6%	2,319,540	-10.6%
CRUDE OIL	WS	8	36	-77.8%	8	0.0%
MINY WTI CRUDE OIL	QM	3,232	2,843	13.7%	3,999	-19.2%
BRENT OIL LAST DAY	BZ	213,369	213,806	-0.2%	200,398	6.5%
HEATING OIL PHY	HO	391,410	384,672	1.8%	399,410	-2.0%
HTG OIL	BH	138	138	0.0%	148	-6.8%
MINY HTG OIL	QH	2	1	100.0%	0	-
RBOB PHY	RB	332,615	352,803	-5.7%	342,141	-2.8%
MINY RBOB GAS	QU	0	1	-100.0%	1	-100.0%
NATURAL GAS	HP	151,299	119,013	27.1%	144,431	4.8%
LTD NAT GAS	HH	547,541	314,216	74.3%	469,717	16.6%
MINY NATURAL GAS	QG	5,710	5,662	0.8%	4,575	24.8%
PJM MONTHLY	JM	0	0	-	0	-
NATURAL GAS PHY	NG	1,433,792	1,255,765	14.2%	1,434,026	0.0%
RBOB GAS	RT	81	93	-12.9%	88	-8.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	-	0	-
3.5% FUEL OIL CIF BALMO S	8D	0	0	-	0	-
AEP-DAYTON HUB DAILY	VD	10	84	-88.1%	10	0.0%
ANR OKLAHOMA	NE	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	E5	21,315	10,074	111.6%	24,943	-14.5%
ARGUS PROPAN FAR EST INDE	7E	5,559	4,771	16.5%	5,645	-1.5%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,578	2,072	-23.8%	1,703	-7.3%
AUSTRIALIAN COKE COAL	ALW	0	0	-	0	-
BRENT BALMO SWAP	J9	125	0	-	139	-10.1%
BRENT CALENDAR SWAP	CY	10,953	12,838	-14.7%	14,065	-22.1%
BRENT FINANCIAL FUTURES	BB	0	0	-	0	-
BRENT FINANCIAL FUTURES	MBC	0	25	-100.0%	0	-
BRENT FINANCIAL FUTURES	MDB	13	120	-89.2%	26	-50.0%
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	835	0	-	457	82.7%
CAR VINTAGE	NGO	6,092	0	-	0	-
CENTERPOINT BASIS SWAP	PW	0	0	-	0	-
CHICAGO ETHANOL SWAP	CU	32,909	25,395	29.6%	39,974	-17.7%
CHICAGO ULSD PL VS HO SPR	5C	1,216	2,279	-46.6%	1,422	-14.5%
CHICAGO UNL GAS PL VS RBO	3C	0	465	-100.0%	0	-
CIG BASIS	CI	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	EJ	0	0	-	0	-
CINERGY HUB PEAK MONTH	EM	0	0	-	0	-
CIN HUB 5MW D AH PK	H5	0	44	-100.0%	0	-
CIN HUB 5MW REAL TIME O P	H4	0	10,976	-100.0%	0	-
CIN HUB 5MW REAL TIME PK	H3	0	595	-100.0%	0	-
COAL SWAP	ACM	0	0	-	0	-
COLUMB GULF MAINLINE NG B	5Z	0	88	-100.0%	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	2,396	1,043	129.7%	1,895	26.4%

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Energy Futures						
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	1,568	1,802	-13.0%	1,265	24.0%
CONWAY PROPANE 5 DECIMALS SWAP	8K	25,379	25,223	0.6%	24,421	3.9%
CRUDE OIL	LPS	0	4,200	-100.0%	0	-
CRUDE OIL LAST DAY	26	0	0	-	0	-
CRUDE OIL OUTRIGHTS	42	518	138	275.4%	84	516.7%
CRUDE OIL OUTRIGHTS	CC5	3,195	1,080	195.8%	3,407	-6.2%
CRUDE OIL OUTRIGHTS	CSW	2,750	0	-	3,170	-13.2%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	-
CRUDE OIL OUTRIGHTS	DBL	0	0	-	0	-
CRUDE OIL OUTRIGHTS	GSW	2,477	810	205.8%	2,762	-10.3%
CRUDE OIL OUTRIGHTS	HTT	130,162	160,177	-18.7%	143,942	-9.6%
CRUDE OIL OUTRIGHTS	LSW	3,300	2,133	54.7%	4,013	-17.8%
CRUDE OIL OUTRIGHTS	WCW	8,191	4,963	65.0%	9,690	-15.5%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	0	336	-100.0%	15	-100.0%
CRUDE OIL PHY	MCL	12,666	0	-	5,811	118.0%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	1,704	480	255.0%	1,342	27.0%
CRUDE OIL SPRDS	HIL	14,220	18,550	-23.3%	15,096	-5.8%
CRUDE OIL SPRDS	WTT	75,540	93,484	-19.2%	82,351	-8.3%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	480	1,440	-66.7%	600	-20.0%
DAILY PJM	IDO	17,936	16,520	8.6%	19,152	-6.3%
DAILY PJM	NOC	960	480	100.0%	1,200	-20.0%
DAILY PJM	PAP	0	260	-100.0%	0	-
DAILY PJM	PEO	0	4,720	-100.0%	0	-
DAILY PJM	PNO	0	0	-	0	-
DAILY PJM	PNP	0	0	-	0	-
DAILY PJM	PWO	0	944	-100.0%	0	-
DAILY PJM	PWP	0	52	-100.0%	0	-
DAILY PJM	WOR	1,920	2,400	-20.0%	2,400	-20.0%
DAILY PJM	ZAO	0	944	-100.0%	0	-
DAILY PJM	ZGO	9,440	26,904	-64.9%	10,080	-6.3%
DAILY PJM	ZJO	0	1,416	-100.0%	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	370	250	48.0%	555	-33.3%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRAN INC - APP I	IH	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	36	858	-95.8%	54	-33.3%
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	0	100	-100.0%	0	-
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	17,543	24,742	-29.1%	20,483	-14.4%
EAST/WEST FUEL OIL SPREAD	EW	0	5	-100.0%	0	-
EIA FLAT TAX ONHWAY DIESE	A5	3,362	3,937	-14.6%	3,652	-7.9%
ELEC FINSETTLED	47	0	212	-100.0%	0	-
ELEC MISO PEAK	4L	0	0	-	0	-
ELEC NYISO OFF-PEAK	4M	0	0	-	0	-
ELECTRICITY OFF PEAK	46	0	3,954	-100.0%	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
ETHANOL	MTH	0	0	-	0	-
ETHANOL	Z1B	0	0	-	0	-
ETHANOL SWAP	MT2	835	615	35.8%	925	-9.7%

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ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	6,839	5,580	22.6%	7,610	-10.1%
EURO 1% FUEL OIL NEW BALM	KX	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	KR	0	0	-	6	-100.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	ET	708	0	-	678	4.4%
EUROPE 1% FUEL OIL NWE CA	UF	76	0	-	6	1,166.7%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	-	0	-
EUROPE 3.5% FUEL OIL MED	UI	0	0	-	13	-100.0%
EUROPE 3.5% FUEL OIL RDAM	UV	160	1,108	-85.6%	125	28.0%
EUROPEAN GASOIL (ICE)	7F	3,375	104	3,145.2%	3,372	0.1%
EUROPEAN NAPHTHA BALMO	KZ	0	3	-100.0%	4	-100.0%
EUROPEAN NAPHTHA CRACK SPR	EN	5,889	3,775	56.0%	4,078	44.4%
EUROPE DATED BRENT SWAP	UB	13	35	-62.9%	15	-13.3%
EUROPE JET KERO NWE CALSW	UJ	10	0	-	10	0.0%
EUROPE NAPHTHA CALSWAP	UN	1,367	917	49.1%	1,070	27.8%
EURO PROPANE CIF ARA SWA	PS	2,335	2,443	-4.4%	2,225	4.9%
FREIGHT MARKETS	ACB	0	385	-100.0%	0	-
FREIGHT MARKETS	BF1	0	0	-	0	-
FREIGHT MARKETS	BF2	141	253	-44.3%	171	-17.5%
FREIGHT MARKETS	BF3	0	0	-	0	-
FREIGHT MARKETS	BL2	40	0	-	40	0.0%
FREIGHT MARKETS	FLJ	36	0	-	24	50.0%
FREIGHT MARKETS	FLP	297	910	-67.4%	390	-23.8%
FREIGHT MARKETS	FRC	60	50	20.0%	60	0.0%
FREIGHT MARKETS	FRS	0	0	-	0	-
FREIGHT MARKETS	T2D	250	825	-69.7%	270	-7.4%
FREIGHT MARKETS	T7C	0	0	-	0	-
FREIGHT MARKETS	T8C	0	0	-	0	-
FREIGHT MARKETS	TD3	0	0	-	0	-
FREIGHT MARKETS	TD8	0	0	-	0	-
FREIGHT MARKETS	USC	0	0	-	0	-
FREIGHT MARKETS	USE	0	0	-	0	-
FUEL OIL CRACK VS ICE	FO	1,936	3,321	-41.7%	1,767	9.6%
FUEL OIL NWE CRACK VS ICE	FI	72	65	10.8%	72	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-
FUEL OIL (PLATS) CAR CN	1X	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	45	228	-80.3%	54	-16.7%
GAS EURO-BOB OXY NWE BARGES	7H	1,658	2,701	-38.6%	1,861	-10.9%
GAS EURO-BOB OXY NWE BARGES CRK	7K	13,811	18,169	-24.0%	13,445	2.7%
GASOIL 0.1CIF MED VS ICE	Z5	60	0	-	60	0.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	WQ	25	0	-	33	-24.2%
GASOIL 0.1 ROTTERDAM BARG	VL	78	35	122.9%	30	160.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	178	58	206.9%	154	15.6%
GASOIL CRACK SPREAD CALEN	GZ	5,862	4,166	40.7%	5,913	-0.9%
GASOIL MINI CALENDAR SWAP	QA	1,597	1,104	44.7%	1,629	-2.0%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	575	1,542	-62.7%	642	-10.4%
GROUP THREE ULSD (PLATTS)	A7	0	0	-	0	-
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	8,225	7,529	9.2%	7,826	5.1%
GRP THREE UNL GS (PLT) VS	A8	4,499	3,100	45.1%	4,070	10.5%

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Energy Futures						
GULF COAST 3% FUEL OIL BA	VZ	605	291	107.9%	107	465.4%
GULF COAST JET FUEL CLNDR	GE	0	2,341	-100.0%	0	-
GULF COAST JET VS NYM 2 H	ME	23,986	18,393	30.4%	28,139	-14.8%
GULF COAST NO.6 FUEL OIL	MF	3,220	11,988	-73.1%	2,974	8.3%
GULF COAST NO.6 FUEL OIL	MG	3,435	175	1,862.9%	3,095	11.0%
GULF COAST ULSD CALENDAR	LY	3,515	5,197	-32.4%	3,874	-9.3%
GULF COAST ULSD CRACK SPR	GY	50	420	-88.1%	60	-16.7%
HEATING OIL BALMO CLNDR S	1G	318	10	3,080.0%	153	107.8%
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	1,220	-100.0%	0	-
HENRY HUB FINANCIAL LAST	NBP	0	75	-100.0%	0	-
HENRY HUB INDEX SWAP FUTU	IN	0	2,576	-100.0%	0	-
HENRY HUB SWAP	NN	550,722	719,345	-23.4%	558,904	-1.5%
HOUSTON SHIP CHANNEL BASI	NH	610	3,411	-82.1%	765	-20.3%
ICE BRENT DUBAI SWAP	DB	3,333	15,230	-78.1%	3,655	-8.8%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
INDIANA MISO	FAD	0	0	-	0	-
INDIANA MISO	FTD	0	672	-100.0%	0	-
INDIANA MISO	PDD	0	27	-100.0%	0	-
INDIANA MISO	PTD	0	42	-100.0%	0	-
INDONESIAN COAL ICI4	ICI	196	411	-52.3%	309	-36.6%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	-	0	-
JAPAN C&F NAPHTHA SWAP	JA	167	402	-58.5%	190	-12.1%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	-	0	-
JET CIF NWE VS ICE	JC	673	25	2,592.0%	686	-1.9%
JET FUEL CRG CIF NEW VS I	6X	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1M	3,170	990	220.2%	1,475	114.9%
JKM LNG Futures	JKM	3,050	4,908	-37.9%	3,393	-10.1%
LA CARB DIESEL (OPIS) SWA	KL	695	402	72.9%	690	0.7%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	125	-100.0%
LA JET (OPIS) SWAP	JS	1,315	821	60.2%	920	42.9%
LLS (ARGUS) CALENDAR SWAP	XA	10	142	-93.0%	20	-50.0%
LLS (ARGUS) VS WTI SWAP	WJ	2,773	7,251	-61.8%	2,968	-6.6%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	350	250	40.0%	360	-2.8%
MARS (ARGUS) VS WTI TRD M	YV	16,075	14,887	8.0%	24,035	-33.1%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	18,246	18,408	-0.9%	16,245	12.3%
MCCLOSKEY RCH BAY COAL	MFF	1,012	1,601	-36.8%	1,052	-3.8%
MGF FUT	MGF	0	0	-	0	-
MGN1 SWAP FUT	MGN	0	175	-100.0%	10	-100.0%
MICHIGAN BASIS	NF	0	244	-100.0%	0	-
MICHIGAN MISO	HMO	0	0	-	0	-
MICHIGAN MISO	HMW	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	10	10	0.0%	13	-23.1%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	59	-100.0%	100	-100.0%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	1,160	1,084	7.0%	966	20.1%
MJC FUT	MJC	40	25	60.0%	40	0.0%
MNC FUT	MNC	1,815	1,161	56.3%	2,140	-15.2%
MONT BELVIEU ETHANE 5 DECIMAL	C0	52,489	65,284	-19.6%	48,431	8.4%

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Energy Futures						
MONT BELVIEU ETHANE OPIS BALMO	8C	245	400	-38.8%	610	-59.8%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	133,168	137,017	-2.8%	129,595	2.8%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,609	1,003	160.1%	2,497	4.5%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	31,907	37,906	-15.8%	34,735	-8.1%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	849	795	6.8%	265	220.4%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	60,557	62,894	-3.7%	57,899	4.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,150	647	77.7%	202	469.3%
NAT GAS BASIS SWAP	TZ6	0	0	-	0	-
NATURAL GAS PEN SWP	NP	210,794	199,712	5.5%	219,397	-3.9%
NEPOOL INTR HUB 5MW D AH	H2	45,068	207,843	-78.3%	59,660	-24.5%
NEPOOL INTR HUB 5MW D AH	U6	2,267	9,855	-77.0%	2,855	-20.6%
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	CE	896	1,120	-20.0%	924	-3.0%
NEW YORK ETHANOL SWAP	EZ	200	1,008	-80.2%	130	53.8%
NEW YORK HUB ZONE G PEAK	GN	320	1,312	-75.6%	330	-3.0%
NEW YORK HUB ZONE J PEAK	JN	0	256	-100.0%	0	-
NGPL MID-CONTINENT	NL	0	520	-100.0%	0	-
NGPL TEX/OK	PD	0	120	-100.0%	0	-
N ILLINOIS HUB DAILY	UD	20	10	100.0%	20	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-
NORTHEN NATURAL GAS DEMAR	PE	0	0	-	0	-
NORTHEN NATURAL GAS VENTU	PF	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	0	244	-100.0%	0	-
N ROCKIES PIPE SWAP	XR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	150	676	-77.8%	180	-16.7%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	-	0	-
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	8,487	11,178	-24.1%	9,069	-6.4%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	1,305	665	96.2%	1,505	-13.3%
NY HARBOR RESIDUAL FUEL 1	MM	575	1,132	-49.2%	475	21.1%
NY HARBOR RESIDUAL FUEL C	ML	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	HK	8,962	3,261	174.8%	8,950	0.1%
NYISO CAPACITY	LHV	0	104	-100.0%	0	-
NYISO CAPACITY	NNC	0	0	-	0	-
NYISO CAPACITY	NRS	0	0	-	0	-
NYISO ZONE A 5MW D AH O P	K4	0	2,370	-100.0%	0	-
NYISO ZONE A 5MW D AH PK	K3	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	8,160	120,410	-93.2%	15,840	-48.5%
NYISO ZONE G 5MW D AH PK	T3	7,025	10,824	-35.1%	7,235	-2.9%
NYISO ZONE J 5MW D AH O P	D4	0	3,555	-100.0%	0	-
NYISO ZONE J 5MW D AH PK	D3	0	512	-100.0%	0	-
NYMEX ALUMINUM FUTURES	AN	0	0	-	0	-
NYMEX ULSD VS NYMEX HO	UY	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING OIL	7Y	53	1,893	-97.2%	65	-18.5%
ONEOK OKLAHOMA NG BASIS	8X	0	0	-	0	-
ONTARIO POWER SWAPS	OPD	0	0	-	0	-
ONTARIO POWER SWAPS	OPM	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	PH	77	573	-86.6%	116	-33.6%
PERMIAN BASIS SWAP	PM	0	1,098	-100.0%	0	-
PETROCHEMICALS	22	104	57	82.5%	137	-24.1%
PETROCHEMICALS	32	32	83	-61.4%	21	52.4%

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Energy Futures					
PETROCHEMICALS 3NA	48	14	242.9%	51	-5.9%
PETROCHEMICALS 51	0	13	-100.0%	0	-
PETROCHEMICALS 81	60	0	-	60	0.0%
PETROCHEMICALS 8I	7,753	6,985	11.0%	7,316	6.0%
PETROCHEMICALS 91	949	741	28.1%	842	12.7%
PETROCHEMICALS MAA	70	320	-78.1%	15	366.7%
PETROCHEMICALS MAE	1,974	2,124	-7.1%	1,874	5.3%
PETROCHEMICALS MAS	881	556	58.5%	890	-1.0%
PETROCHEMICALS MBE	95	160	-40.6%	110	-13.6%
PETROCHEMICALS MNB	1,553	1,452	7.0%	1,691	-8.2%
PETROCHEMICALS MPS	1,418	1,612	-12.0%	1,448	-2.1%
PETROCHEMICALS PMF	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA STI	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA STR	0	100	-100.0%	0	-
PETRO CRCKS & SPRDS ASIA STS	200	275	-27.3%	225	-11.1%
PETRO CRCKS & SPRDS NA CRB	23,318	17,609	32.4%	19,303	20.8%
PETRO CRCKS & SPRDS NA EXR	1,142	1,182	-3.4%	1,207	-5.4%
PETRO CRCKS & SPRDS NA FOC	0	300	-100.0%	0	-
PETRO CRCKS & SPRDS NA GBB	300	175	71.4%	200	50.0%
PETRO CRCKS & SPRDS NA GCC	0	0	-	0	-
PETRO CRCKS & SPRDS NA GCI	50	520	-90.4%	100	-50.0%
PETRO CRCKS & SPRDS NA GCM	0	0	-	0	-
PETRO CRCKS & SPRDS NA GCU	850	4,727	-82.0%	710	19.7%
PETRO CRCKS & SPRDS NA GFC	0	0	-	0	-
PETRO CRCKS & SPRDS NA HOB	4,000	8,233	-51.4%	4,024	-0.6%
PETRO CRCKS & SPRDS NA MFR	114	0	-	114	0.0%
PETRO CRCKS & SPRDS NA NYF	0	0	-	0	-
PETRO CRCKS & SPRDS NA RBB	3,984	10,006	-60.2%	4,533	-12.1%
PETRO CRCKS & SPRDS NA RVG	1,483	5,022	-70.5%	2,487	-40.4%
PETRO CRCKS & SPRDS NA SF3	0	0	-	0	-
PETRO CRK&SPRD EURO 1NB	203	1,050	-80.7%	233	-12.9%
PETRO CRK&SPRD EURO 43	5	0	-	7	-28.6%
PETRO CRK&SPRD EURO BFR	0	0	-	0	-
PETRO CRK&SPRD EURO BOB	480	1,378	-65.2%	519	-7.5%
PETRO CRK&SPRD EURO EOB	0	6	-100.0%	0	-
PETRO CRK&SPRD EURO EPN	773	886	-12.8%	797	-3.0%
PETRO CRK&SPRD EURO EVC	327	172	90.1%	324	0.9%
PETRO CRK&SPRD EURO FBT	0	0	-	0	-
PETRO CRK&SPRD EURO FVB	0	0	-	0	-
PETRO CRK&SPRD EURO GCB	0	0	-	0	-
PETRO CRK&SPRD EURO GOC	0	5	-100.0%	0	-
PETRO CRK&SPRD EURO MGB	60	0	-	60	0.0%
PETRO CRK&SPRD EURO MUD	0	80	-100.0%	0	-
PETRO CRK&SPRD EURO NBB	0	0	-	0	-
PETRO CRK&SPRD EURO NOB	344	600	-42.7%	323	6.5%
PETRO CRK&SPRD EURO SFB	0	0	-	0	-
PETROLEUM PRODUCTS 1NM	120	150	-20.0%	50	140.0%
PETROLEUM PRODUCTS BEB	0	0	-	0	-
PETROLEUM PRODUCTS BEF	0	0	-	0	-
PETROLEUM PRODUCTS CMS	160	0	-	110	45.5%
PETROLEUM PRODUCTS EWG	1,311	800	63.9%	1,518	-13.6%
PETROLEUM PRODUCTS H5F	30	249	-88.0%	60	-50.0%

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Energy Futures					
PETROLEUM PRODUCTS JCC	708	1,750	-59.5%	518	36.7%
PETROLEUM PRODUCTS MME	0	60	-100.0%	0	-
PETROLEUM PRODUCTS MPE	0	0	-	0	-
PETROLEUM PRODUCTS NCC	0	0	-	0	-
PETROLEUM PRODUCTS R5E	0	0	-	0	-
PETROLEUM PRODUCTS R5F	141	43	227.9%	156	-9.6%
PETROLEUM PRODUCTS S53	10	44	-77.3%	12	-16.7%
PETROLEUM PRODUCTS UCS	0	0	-	0	-
PETROLEUM PRODUCTS UP5	0	135	-100.0%	0	-
PETROLEUM PRODUCTS VU	0	0	-	0	-
PETROLEUM PRODUCTS ASIA E6M	10	0	-	0	-
PETROLEUM PRODUCTS ASIA MJN	709	1,518	-53.3%	860	-17.6%
PETROLEUM PRODUCTS ASIA MSB	0	0	-	0	-
PETRO OUTRIGHT EURO 0B	198	97	104.1%	67	195.5%
PETRO OUTRIGHT EURO 0C	0	0	-	40	-100.0%
PETRO OUTRIGHT EURO 0D	294	867	-66.1%	304	-3.3%
PETRO OUTRIGHT EURO 0E	0	0	-	20	-100.0%
PETRO OUTRIGHT EURO 0F	5	15	-66.7%	7	-28.6%
PETRO OUTRIGHT EURO 1T	10	0	-	10	0.0%
PETRO OUTRIGHT EURO 5L	0	0	-	0	-
PETRO OUTRIGHT EURO 63	0	0	-	0	-
PETRO OUTRIGHT EURO 7I	0	0	-	50	-100.0%
PETRO OUTRIGHT EURO 7R	32	18	77.8%	0	-
PETRO OUTRIGHT EURO 88	0	0	-	0	-
PETRO OUTRIGHT EURO CBB	11	0	-	0	-
PETRO OUTRIGHT EURO CGB	0	0	-	0	-
PETRO OUTRIGHT EURO CPB	176	325	-45.8%	142	23.9%
PETRO OUTRIGHT EURO EFF	0	0	-	0	-
PETRO OUTRIGHT EURO EFM	4	0	-	6	-33.3%
PETRO OUTRIGHT EURO ENS	0	15	-100.0%	0	-
PETRO OUTRIGHT EURO EWN	666	22	2,927.3%	597	11.6%
PETRO OUTRIGHT EURO FLB	0	0	-	0	-
PETRO OUTRIGHT EURO GNO	0	0	-	0	-
PETRO OUTRIGHT EURO H5G	0	440	-100.0%	0	-
PETRO OUTRIGHT EURO JFB	0	0	-	0	-
PETRO OUTRIGHT EURO M1B	4,554	3,032	50.2%	5,812	-21.6%
PETRO OUTRIGHT EURO M35	0	0	-	0	-
PETRO OUTRIGHT EURO MBB	0	0	-	0	-
PETRO OUTRIGHT EURO MBN	1,065	1,464	-27.3%	1,208	-11.8%
PETRO OUTRIGHT EURO MEF	704	290	142.8%	549	28.2%
PETRO OUTRIGHT EURO R53	40	30	33.3%	45	-11.1%
PETRO OUTRIGHT EURO R5B	0	0	-	10	-100.0%
PETRO OUTRIGHT EURO R5M	4,134	1,175	251.8%	3,526	17.2%
PETRO OUTRIGHT EURO R5O	1,893	2,404	-21.3%	2,053	-7.8%
PETRO OUTRIGHT EURO RBM	0	10	-100.0%	17	-100.0%
PETRO OUTRIGHT EURO S5B	0	0	-	0	-
PETRO OUTRIGHT EURO S5F	207	341	-39.3%	205	1.0%
PETRO OUTRIGHT EURO S5M	3,294	3,704	-11.1%	3,662	-10.0%
PETRO OUTRIGHT EURO S5O	2,006	1,779	12.8%	1,839	9.1%
PETRO OUTRIGHT EURO SMU	1,200	50	2,300.0%	1,050	14.3%
PETRO OUTRIGHT EURO T0	0	0	-	0	-
PETRO OUTRIGHT EURO T2B	0	0	-	0	-

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Energy Futures						
PETRO OUTRIGHT EURO	TMB	0	0	-	0	-
PETRO OUTRIGHT EURO	ULB	0	0	-	0	-
PETRO OUTRIGHT EURO	UNB	0	0	-	0	-
PETRO OUTRIGHT EURO	V0	168	0	-	0	-
PETRO OUTRIGHT NA	A8B	300	0	-	150	100.0%
PETRO OUTRIGHT NA	AB6	0	0	-	60	-100.0%
PETRO OUTRIGHT NA	BCR	1,310	175	648.6%	1,250	4.8%
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	330	720	-54.2%	380	-13.2%
PETRO OUTRIGHT NA	JET	625	1,900	-67.1%	425	47.1%
PETRO OUTRIGHT NA	JTB	0	0	-	325	-100.0%
PETRO OUTRIGHT NA	MBL	175	225	-22.2%	214	-18.2%
PETRO OUTRIGHT NA	MEN	35	0	-	183	-80.9%
PETRO OUTRIGHT NA	MEO	850	1,218	-30.2%	875	-2.9%
PETRO OUTRIGHT NA	MFD	0	25	-100.0%	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	65	-100.0%
PJM AD HUB 5MW REAL TIME	V3	31,165	70,255	-55.6%	33,125	-5.9%
PJM AD HUB 5MW REAL TIME	Z9	1,705	6,125	-72.2%	1,815	-6.1%
PJM BGE DA OFF-PEAK	R3	0	0	-	0	-
PJM BGE DA PEAK	E3	0	0	-	0	-
PJM COMED 5MW D AH O PK	D9	0	0	-	0	-
PJM COMED 5MW D AH PK	D8	0	0	-	0	-
PJM DAILY	JD	312	354	-11.9%	312	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	11,850	-100.0%	0	-
PJM DAYTON DA PEAK	D7	0	640	-100.0%	0	-
PJM NI HUB 5MW REAL TIME	B3	860	2,985	-71.2%	1,080	-20.4%
PJM NI HUB 5MW REAL TIME	B6	15,530	54,485	-71.5%	19,450	-20.2%
PJM NILL DA OFF-PEAK	L3	0	0	-	0	-
PJM NILL DA PEAK	N3	0	0	-	0	-
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	-	0	-
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	-	0	-
PJM PSEG DA OFF-PEAK	W6	0	0	-	0	-
PJM PSEG DA PEAK	L6	0	0	-	0	-
PJM WESTH DA OFF-PEAK	E4	0	2,370	-100.0%	0	-
PJM WESTHDA PEAK	J4	0	128	-100.0%	0	-
PJM WESTH RT OFF-PEAK	N9	241,660	343,105	-29.6%	249,500	-3.1%
PJM WESTH RT PEAK	L1	29,563	34,722	-14.9%	32,827	-9.9%
PLASTICS	PGP	1,869	4,261	-56.1%	1,803	3.7%
PREMIUM UNLD 10P FOB MED	3G	0	21	-100.0%	5	-100.0%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	-	0	-
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	-	0	-
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	2,171	612	254.7%	465	366.9%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	55,062	54,696	0.7%	54,167	1.7%
RBOB CALENDAR SWAP	RL	17,319	11,491	50.7%	17,870	-3.1%
RBOB CRACK SPREAD	RM	12,375	2,605	375.0%	13,008	-4.9%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	-
RBOB GASOLINE BALMO CLNDR	1D	1,825	262	596.6%	411	344.0%
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	575	440	30.7%	495	16.2%

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Energy Futures						
SAN JUAN BASIS SWAP	NJ	0	122	-100.0%	0	-
SAN JUAN PIPE SWAP	XX	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	0	-
SINGAPORE 380CST BALMO	BT	0	0	-	0	-
SINGAPORE 380CST FUEL OIL	SE	395	358	10.3%	445	-11.2%
SINGAPORE FUEL 180CST CAL	UA	0	18	-100.0%	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	95	-100.0%	0	-
SINGAPORE GASOIL	MAF	527	322	63.7%	469	12.4%
SINGAPORE GASOIL	MTB	18	0	-	0	-
SINGAPORE GASOIL	MTS	904	514	75.9%	731	23.7%
SINGAPORE GASOIL	SBM	8	61	-86.9%	0	-
SINGAPORE GASOIL	STZ	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	GHS	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MGO	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	MSG	1,773	1,815	-2.3%	1,408	25.9%
SINGAPORE GASOIL SWAP	SG	3,263	1,070	205.0%	3,927	-16.9%
SINGAPORE GASOIL VS ICE	GA	4,721	2,776	70.1%	3,936	19.9%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	1,490	0	-	1,050	41.9%
SINGAPORE JET KEROSENE SW	KS	455	390	16.7%	570	-20.2%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	150	-100.0%	10	-100.0%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	1,267	8,153	-84.5%	1,025	23.6%
SING FUEL	MSD	0	0	-	0	-
Sumas Basis Swap	NK	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	TM	15	75	-80.0%	15	0.0%
TC5 RAS TANURA TO YOKOHAM	TH	75	405	-81.5%	90	-16.7%
TCO BASIS SWAP	TC	0	244	-100.0%	0	-
TD3 MEG TO JAPAN 250K MT	TL	5,238	5,862	-10.6%	5,541	-5.5%
TEXAS EASTERN ZONE M-3 BA	NX	0	1,301	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	503	-100.0%	0	-
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	-	0	-
UCM FUT	UCM	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	0	225	-100.0%	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	2,930	4,098	-28.5%	2,275	28.8%
UP DOWN GC ULSD VS NMX HO	LT	64,646	64,431	0.3%	55,288	16.9%
WAHA BASIS	NW	0	157	-100.0%	0	-
WTI-BRENT BULLET SWAP	BY	0	34	-100.0%	0	-
WTI-BRENT CALENDAR SWAP	BK	91,855	100,623	-8.7%	95,985	-4.3%
WTI CALENDAR	CS	148,395	162,471	-8.7%	158,747	-6.5%
WTI MIDLAND CRUDE OIL	WTL	1,260	150	740.0%	780	61.5%
WTS (ARGUS) VS WTI SWAP	FF	48,031	76,808	-37.5%	51,296	-6.4%
WTS (ARGUS) VS WTI TRD MT	FH	8,709	9,867	-11.7%	9,384	-7.2%
Energy Options						
BRENT CALENDAR SWAP	BA	2,703	2,809	-3.8%	3,229	-16.3%
BRENT CRUDE OIL 1 M CSO	9C	145,550	10,200	1,327.0%	47,900	203.9%
BRENT OIL LAST DAY	BE	119,821	103,462	15.8%	120,327	-0.4%
BRENT OIL LAST DAY	BZO	52,076	64,801	-19.6%	57,650	-9.7%
BRENT OIL LAST DAY	OS	0	0	-	0	-
COAL API2 INDEX	CLA	0	0	-	0	-
COAL API2 INDEX	CQA	0	0	-	0	-
COAL API2 INDEX	F2C	640	0	-	670	-4.5%
COAL API2 INDEX	F2Q	385	0	-	385	0.0%

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Energy Options						
CRUDE OIL	6Y	0	0	-	0	-
CRUDE OIL 1MO	WA	320,180	470,380	-31.9%	339,015	-5.6%
CRUDE OIL APO	AO	225,815	305,857	-26.2%	241,654	-6.6%
CRUDE OIL CALNDR STRIP	6F	0	50	-100.0%	0	-
CRUDE OIL OUTRIGHTS	AH	0	0	-	0	-
CRUDE OIL OUTRIGHTS	WCI	0	0	-	0	-
CRUDE OIL PHY	CD	0	0	-	0	-
CRUDE OIL PHY	LC	29,383	33,380	-12.0%	29,369	0.0%
CRUDE OIL PHY	LO	2,032,727	1,710,066	18.9%	2,105,098	-3.4%
CRUDE OIL PHY	LO1	8,263	2,458	236.2%	6,277	31.6%
CRUDE OIL PHY	LO2	883	256	244.9%	591	49.4%
CRUDE OIL PHY	LO3	215	32	571.9%	76	182.9%
CRUDE OIL PHY	LO4	162	0	0.0%	0	-
CRUDE OIL PHY	LO5	0	0	-	0	0.0%
ELEC FINSETTLED	PJN	43	0	-	43	0.0%
ETHANOL SWAP	CVR	6,049	10,990	-45.0%	6,416	-5.7%
ETHANOL SWAP	GVR	0	525	-100.0%	0	-
FREIGHT MARKETS	TDT	0	0	-	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	3,820	0	-	3,875	-1.4%
HEATING OIL PHY	FZ	1,000	0	-	0	-
HEATING OIL PHY	LB	1,020	354	188.1%	1,089	-6.3%
HEATING OIL PHY	OH	11,054	14,516	-23.8%	11,667	-5.3%
HENRY HUB FINANCIAL LAST	E7	34,085	33,475	1.8%	38,333	-11.1%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	-	0	-
LLS CRUDE OIL	WJO	0	0	-	0	-
LLS CRUDE OIL	WTO	300	0	-	400	-25.0%
MCCLOSKEY ARA ARGS COAL	MTO	924	5,167	-82.1%	1,023	-9.7%
MCCLOSKEY RCH BAY COAL	MFO	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	107,850	92,575	16.5%	89,500	20.5%
NATURAL GAS 2 M CSO FIN	G2	16,200	5,100	217.6%	5,800	179.3%
NATURAL GAS 3 M CSO FIN	G3	52,880	149,785	-64.7%	47,896	10.4%
NATURAL GAS 5 M CSO FIN	G5	4,150	1,000	315.0%	2,000	107.5%
NATURAL GAS 6 M CSO FIN	G6	25,700	14,400	78.5%	15,350	67.4%
NATURAL GAS OPT	JKO	7,390	0	-	8,950	-17.4%
NATURAL GAS OPT	TFO	46,080	85,060	-45.8%	62,220	-25.9%
NATURAL GAS OPTION ON CALENDAR STRP	6J	47,384	20,620	129.8%	42,184	12.3%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,580,834	2,401,105	7.5%	2,362,233	9.3%
NATURAL GAS PHY	ON	59,464	62,160	-4.3%	58,720	1.3%
NATURAL GAS SUMMER STRIP	4D	0	400	-100.0%	0	-
NATURAL GAS WINTER STRIP	6I	0	600	-100.0%	0	-
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-
NY HARBOR HEAT OIL SWP	AT	6,519	9,392	-30.6%	6,093	7.0%
PETROCHEMICALS	4H	7,461	603	1,137.3%	5,334	39.9%
PETROCHEMICALS	4J	815	630	29.4%	915	-10.9%
PETROCHEMICALS	4K	0	0	-	0	-
PETROCHEMICALS	CPR	60	42	42.9%	90	-33.3%
PETRO OUTRIGHT EURO	BCO	0	10	-100.0%	0	-
PETRO OUTRIGHT NA	1N5	0	200	-100.0%	0	-
PETRO OUTRIGHT NA	DAP	1,040	930	11.8%	1,080	-3.7%
PJM WES HUB PEAK CAL MTH	6OA	850	1,510	-43.7%	850	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	130	512	-74.6%	172	-24.4%

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Metals Futures					
ALUMINUM A38	120	0	-	147	-18.4%
ALUMINUM AEP	11,500	10,405	10.5%	12,195	-5.7%
ALUMINUM ALA	1,260	516	144.2%	1,350	-6.7%
ALUMINUM ALI	507	215	135.8%	420	20.7%
ALUMINUM AUP	23,246	36,020	-35.5%	23,239	0.0%
ALUMINUM CUP	0	0	-	0	-
ALUMINUM EDP	14,318	13,458	6.4%	15,104	-5.2%
ALUMINUM MJP	2,915	4,235	-31.2%	3,150	-7.5%
COBALT METAL FUTURES COB	1,842	0	-	1,750	5.3%
COPPER HGS	20,515	19,149	7.1%	21,579	-4.9%
FERROUS PRODUCTS BUS	4,349	3,960	9.8%	4,351	0.0%
GOLD 4GC	0	134	-100.0%	0	-
GOLD SGC	734	282	160.3%	596	23.2%
GOLD SGU	733	638	14.9%	533	37.5%
HOT ROLLED COIL STEEL FUTURES EHR	2,129	925	130.2%	2,294	-7.2%
IRON ORE 62 CHINA PLATTS FUTURES PIO	0	0	-	0	-
IRON ORE 62 CHINA TSI FUTURES TIO	0	0	-	0	-
IRON ORE CHINA TIO	1,818	3,197	-43.1%	1,544	17.7%
LNDN ZINC ZNC	0	0	-	0	-
METALS HDG	0	20	-100.0%	0	-
METALS LTH	0	0	-	0	-
MICRO GOLD MGC	32,324	50,287	-35.7%	23,023	40.4%
SILVER SIL	6,559	4,645	41.2%	7,672	-14.5%
Metals Options					
ALUMINUM ALO	2,050	120	1,608.3%	2,250	-8.9%
COMEX COPPER HX	55,266	12,572	339.6%	66,499	-16.9%
COMEX GOLD OG	727,034	1,229,348	-40.9%	774,560	-6.1%
COMEX SILVER SO	95,849	132,626	-27.7%	107,348	-10.7%
COPPER H1E	2	0	-	0	-
COPPER H2E	0	0	-	0	-
COPPER H3E	0	0	-	0	-
COPPER H4E	0	0	-	0	-
COPPER H5E	0	0	-	0	-
GOLD OG1	12,768	9,942	28.4%	10,991	16.2%
GOLD OG2	4,577	3,316	38.0%	4,294	6.6%
GOLD OG3	3,925	1,307	200.3%	881	345.5%
GOLD OG4	107	0	0.0%	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	2,004	3,770	-46.8%	2,204	-9.1%
NYMEX HOT ROLLED STEEL HRO	1,055	325	224.6%	955	10.5%
NYMEX PLATINUM PO	16,933	2,959	472.3%	14,522	16.6%
PALLADIUM PAO	1,486	1,236	20.2%	1,586	-6.3%
SILVER SO1	1,702	1,121	51.8%	2,074	-17.9%
SILVER SO2	888	365	143.3%	716	24.0%
SILVER SO3	217	251	-13.5%	200	8.5%
SILVER SO4	1	9	-88.9%	0	-
SILVER SO5	0	0	-	0	0.0%



NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest AUG 2021	Open Interest AUG 2020	% CHG	Open Interest JUL 2021	% CHG
TOTAL FUTURES GROUP					
Ag Products Futures	0	3	-100.0%	0	-
Energy Futures	7,727,057	8,100,659	-4.6%	7,978,758	-3.2%
Metals Futures	1,074,122	1,186,505	-9.5%	1,073,011	0.1%
TOTAL FUTURES	8,801,179	9,287,167	-5.2%	9,051,769	-2.8%
TOTAL OPTIONS GROUP					
Energy Options	6,299,318	6,016,368	4.7%	6,091,618	3.4%
Metals Options	925,864	1,399,267	-33.8%	989,080	-6.4%
TOTAL OPTIONS	7,225,182	7,415,635	-2.6%	7,080,698	2.0%
TOTAL COMBINED					
Ag Products	0	3	-100.0%	0	-
Energy	14,026,375	14,117,027	-0.6%	14,070,376	-0.3%
Metals	1,999,986	2,585,772	-22.7%	2,062,091	-3.0%
GRAND TOTAL	16,026,361	16,702,802	-4.0%	16,132,467	-0.7%

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