

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

Commodity	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>Ag Products Futures</b>					
COFFEE	0	0	-	0	-
COTTON	0	0	-	0	-
SUGAR 11	0	0	-	0	-
<b>Energy Futures</b>					
CRUDE OIL PHY	2,100,097	2,348,413	-10.6%	1,866,914	12.5%
CRUDE OIL	8	800	-99.0%	8	0.0%
MINY WTI CRUDE OIL	4,300	3,162	36.0%	4,187	2.7%
BRENT OIL LAST DAY	223,052	182,350	22.3%	219,175	1.8%
HEATING OIL PHY	343,027	393,914	-12.9%	303,334	13.1%
HTG OIL	96	90	6.7%	107	-10.3%
MINY HTG OIL	0	0	0.0%	1	-100.0%
RBOB PHY	361,972	405,345	-10.7%	294,317	23.0%
MINY RBOB GAS	2	0	0.0%	1	100.0%
NATURAL GAS	171,717	128,487	33.6%	163,761	4.9%
LTD NAT GAS	469,619	353,947	32.7%	477,243	-1.6%
MINY NATURAL GAS	5,323	5,405	-1.5%	5,295	0.5%
PJM MONTHLY	0	0	-	0	-
NATURAL GAS PHY	1,160,988	1,117,622	3.9%	1,108,463	4.7%
RBOB GAS	70	70	0.0%	77	-9.1%
3.5% FUEL OIL CID MED SWA	0	0	-	0	-
AEP-DAYTON HUB DAILY	10	10	0.0%	15	-33.3%
ARGUS LLS VS. WTI (ARG) T	9,625	10,300	-6.6%	10,528	-8.6%
ARGUS PROPAN FAR EST INDE	5,189	5,281	-1.7%	5,080	2.1%
ARGUS PROPAN(SAUDI ARAMCO	1,943	2,102	-7.6%	1,598	21.6%
AUSTRIALIAN COKE COAL	0	0	-	0	-
BRENT BALMO SWAP	697	0	-	0	-
BRENT CALENDAR SWAP	27,331	8,807	210.3%	31,145	-12.2%
BRENT FINANCIAL FUTURES	0	0	-	0	-
BRENT FINANCIAL FUTURES	0	0	-	0	-
BRENT FINANCIAL FUTURES	0	114	-100.0%	0	-
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	0	0.0%
CAR VINTAGE	3,197	0	-	2,640	21.1%
CAR VINTAGE	10,642	0	-	6,792	56.7%
CHICAGO ETHANOL SWAP	32,765	40,568	-19.2%	34,272	-4.4%
CHICAGO ULSD PL VS HO SPR	685	1,269	-46.0%	389	76.1%
CHICAGO UNL GAS PL VS RBO	75	1,375	-94.5%	75	0.0%
CIG BASIS	0	0	-	0	-
CIN HUB 5MW D AH PK	0	0	-	0	-
CIN HUB 5MW REAL TIME O P	0	0	-	0	-
CIN HUB 5MW REAL TIME PK	0	0	-	0	-
COLUMB GULF MAINLINE NG B	0	0	-	0	-
CONWAY NATURAL GASOLINE (OPIS) SWAP	2,090	767	172.5%	2,194	-4.7%
CONWAY NORMAL BUTANE (OPIS) SWAP	1,214	1,227	-1.1%	1,484	-18.2%
CONWAY PROPANE 5 DECIMALS SWAP	21,701	19,562	10.9%	22,680	-4.3%
CRUDE OIL	0	350	-100.0%	0	-
CRUDE OIL LAST DAY	0	0	-	0	-
CRUDE OIL OUTRIGHTS	203	357	-43.1%	270	-24.8%
CRUDE OIL OUTRIGHTS	2,006	2,320	-13.5%	2,110	-4.9%
CRUDE OIL OUTRIGHTS	750	3,648	-79.4%	300	150.0%

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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	1,350	1,680	-19.6%	1,485	-9.1%
CRUDE OIL OUTRIGHTS	HTT	124,365	137,034	-9.2%	108,351	14.8%
CRUDE OIL OUTRIGHTS	LSW	2,394	4,122	-41.9%	2,517	-4.9%
CRUDE OIL OUTRIGHTS	WCW	6,710	5,925	13.2%	7,100	-5.5%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%
CRUDE OIL PHY	HCL	0	995	-100.0%	0	-
CRUDE OIL PHY	MCL	8,072	0	-	8,272	-2.4%
CRUDE OIL SPRDS	38	0	0	-	0	-
CRUDE OIL SPRDS	ANT	2,500	490	410.2%	2,750	-9.1%
CRUDE OIL SPRDS	HIL	9,840	20,549	-52.1%	10,921	-9.9%
CRUDE OIL SPRDS	WTT	97,914	88,621	10.5%	85,837	14.1%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%
DAILY PJM	AOR	480	720	-33.3%	520	-7.7%
DAILY PJM	IDO	0	13,664	-100.0%	2,688	-100.0%
DAILY PJM	NOC	0	1,440	-100.0%	1,040	-100.0%
DAILY PJM	PAP	0	0	-	0	-
DAILY PJM	PEO	0	0	-	0	-
DAILY PJM	PNO	0	0	-	0	-
DAILY PJM	PNP	0	0	-	0	-
DAILY PJM	PWO	0	0	-	0	-
DAILY PJM	PWP	0	0	-	0	-
DAILY PJM	WOR	4,320	2,880	50.0%	2,080	107.7%
DAILY PJM	ZAO	0	0	-	0	-
DAILY PJM	ZGO	0	2,440	-100.0%	0	-
DAILY PJM	ZJO	0	0	-	0	-
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	-	0	-
DATED TO FRONTLINE BRENT	FY	1,500	0	-	300	400.0%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	-
DOMINION TRANSMISSION INC	PG	0	126	-100.0%	0	-
DUBAI CRUDE OIL BALMO	BI	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	DC	1,000	0	-	0	-
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	9,393	23,396	-59.9%	9,768	-3.8%
EAST/WEST FUEL OIL SPREAD	EW	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	A5	1,591	4,480	-64.5%	2,054	-22.5%
ELEC FINSETTLED	47	0	0	-	0	-
ELECTRICITY OFF PEAK	46	0	0	-	0	-
ELECTRICITY OFF PEAK	4P	0	0	-	0	-
ETHANOL	MTH	10	0	-	0	-
ETHANOL SWAP	MT2	790	895	-11.7%	685	15.3%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	7,306	8,833	-17.3%	7,757	-5.8%
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	1,268	0	-	1,503	-15.6%
EUROPE 1% FUEL OIL NWE CA	UF	60	0	-	60	0.0%
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	270	184	46.7%	246	9.8%
EUROPEAN GASOIL (ICE)	7F	2,637	92	2,766.3%	2,084	26.5%
EUROPEAN NAPHTHA BALMO	KZ	41	8	412.5%	22	86.4%
EUROPEAN NAPHTHA CRACK SPR	EN	9,087	2,371	283.3%	6,638	36.9%



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<b>Energy Futures</b>						
EUROPE DATED BRENT SWAP	UB	11	27	-59.3%	11	0.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	UN	1,327	689	92.6%	1,444	-8.1%
EURO PROPANE CIF ARA SWA	PS	2,790	2,609	6.9%	2,902	-3.9%
FREIGHT MARKETS	ACB	0	0	-	0	-
FREIGHT MARKETS	BF1	0	0	-	0	-
FREIGHT MARKETS	BF2	0	443	-100.0%	0	-
FREIGHT MARKETS	BF3	0	0	-	0	-
FREIGHT MARKETS	BL2	170	0	-	170	0.0%
FREIGHT MARKETS	FLJ	0	0	-	0	0.0%
FREIGHT MARKETS	FLP	84	599	-86.0%	77	9.1%
FREIGHT MARKETS	FRC	60	0	-	60	0.0%
FREIGHT MARKETS	T2D	474	210	125.7%	210	125.7%
FREIGHT MARKETS	T7C	0	0	-	0	-
FREIGHT MARKETS	T8C	0	0	-	0	-
FREIGHT MARKETS	TC6	75	0	-	75	0.0%
FREIGHT MARKETS	TD3	60	0	-	60	0.0%
FREIGHT MARKETS	USC	0	0	-	0	-
FREIGHT MARKETS	USE	0	615	-100.0%	0	-
FUEL OIL CRACK VS ICE	FO	1,447	1,362	6.2%	1,371	5.5%
FUEL OIL NWE CRACK VS ICE	FI	108	0	-	72	50.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	FS	0	108	-100.0%	9	-100.0%
GAS EURO-BOB OXY NWE BARGES	7H	1,107	1,830	-39.5%	1,476	-25.0%
GAS EURO-BOB OXY NWE BARGES CRK	7K	13,417	12,523	7.1%	14,878	-9.8%
GASOIL 0.1CIF MED VS ICE	Z5	60	0	-	60	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	12	-100.0%	3	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	91	37	145.9%	106	-14.2%
GASOIL 10PPM VS ICE SWAP	TP	0	0	-	0	-
GASOIL CALENDAR SWAP	GX	630	108	483.3%	635	-0.8%
GASOIL CRACK SPREAD CALEN	GZ	4,938	1,467	236.6%	5,671	-12.9%
GASOIL MINI CALENDAR SWAP	QA	898	921	-2.5%	1,125	-20.2%
GERMAN POWER BASELOAD CAL MONTH FUT	DEB	216	987	-78.1%	248	-12.9%
GROUP THREE UNLEAD GAS (P	A9	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	A6	5,610	5,501	2.0%	5,620	-0.2%
GRP THREE UNL GS (PLT) VS	A8	4,690	6,060	-22.6%	4,411	6.3%
GULF COAST 3% FUEL OIL BA	VZ	0	0	-	0	-
GULF COAST JET FUEL CLNDR	GE	0	1,500	-100.0%	0	-
GULF COAST JET VS NYM 2 H	ME	19,480	29,557	-34.1%	19,109	1.9%
GULF COAST NO.6 FUEL OIL	MF	2,157	7,002	-69.2%	3,088	-30.1%
GULF COAST NO.6 FUEL OIL	MG	7,751	0	-	10,511	-26.3%
GULF COAST ULSD CALENDAR	LY	1,487	5,351	-72.2%	1,966	-24.4%
GULF COAST ULSD CRACK SPR	GY	0	120	-100.0%	10	-100.0%
HEATING OIL BALMO CLNDR S	1G	1,053	0	-	95	1,008.4%
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	582,343	638,530	-8.8%	589,479	-1.2%
HOUSTON SHIP CHANNEL BASI	NH	0	1,670	-100.0%	0	-
ICE BRENT DUBAI SWAP	DB	2,298	5,025	-54.3%	2,175	5.7%

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<b>Energy Futures</b>						
ICE GASOIL BALMO SWAP	U9	0	0	-	0	-
INDIANA MISO	FTD	0	0	-	0	-
INDIANA MISO	PDD	0	0	-	0	-
INDIANA MISO	PTD	0	0	-	0	-
INDONESIAN COAL ICI4	ICI	0	205	-100.0%	20	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	6	0	-	6	0.0%
JAPAN C&F NAPHTHA SWAP	JA	206	122	68.9%	207	-0.5%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	-	0	-
JET CIF NWE VS ICE	JC	891	18	4,850.0%	640	39.2%
JET FUEL UP-DOWN BALMO CL	1M	2,145	1,002	114.1%	3,535	-39.3%
JKM LNG Futures	JKM	1,938	5,405	-64.1%	2,093	-7.4%
LA CARB DIESEL (OPIS) SWA	KL	1,081	268	303.4%	450	140.2%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	-	0	-
LA JET (OPIS) SWAP	JS	1,610	1,398	15.2%	1,260	27.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	81	-100.0%	0	-
LLS (ARGUS) VS WTI SWAP	WJ	3,078	3,167	-2.8%	3,299	-6.7%
LOS ANGELES CARB GASOLINE	MH	0	0	-	0	-
MARS (ARGUS) VS WTI SWAP	YX	700	120	483.3%	210	233.3%
MARS (ARGUS) VS WTI TRD M	YV	20,795	26,111	-20.4%	9,825	111.7%
MARS BLEND CRUDE OIL	MB	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	MTF	15,535	15,533	0.0%	16,846	-7.8%
MCCLOSKEY RCH BAY COAL	MFF	1,242	979	26.9%	1,670	-25.6%
MGN1 SWAP FUT	MGN	0	20	-100.0%	0	-
MICHIGAN BASIS	NF	0	0	-	0	-
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	25	20	25.0%	61	-59.0%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	50	-100.0%	0	-
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	665	747	-11.0%	538	23.6%
MJC FUT	MJC	0	0	-	20	-100.0%
MNC FUT	MNC	2,218	713	211.1%	2,388	-7.1%
MONT BELVIEU ETHANE 5 DECIMAL	C0	49,032	58,118	-15.6%	48,042	2.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	1,177	770	52.9%	2,785	-57.7%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	128,639	137,503	-6.4%	128,709	-0.1%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	3,543	2,693	31.6%	2,275	55.7%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	35,703	30,989	15.2%	31,531	13.2%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	1,035	455	127.5%	610	69.7%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	50,274	61,308	-18.0%	48,703	3.2%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,824	1,430	27.6%	1,299	40.4%
NATURAL GAS PEN SWP	NP	195,600	266,082	-26.5%	195,105	0.3%
NEPOOL INTR HUB 5MW D AH	H2	8,256	144,640	-94.3%	8,256	0.0%
NEPOOL INTR HUB 5MW D AH	U6	447	6,495	-93.1%	447	0.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	-	0	-
NEPOOL NE MASS 5MW D AH P	P7	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	CE	0	868	-100.0%	308	-100.0%
NEW YORK ETHANOL SWAP	EZ	1,725	120	1,337.5%	1,560	10.6%
NEW YORK HUB ZONE G PEAK	GN	775	155	400.0%	635	22.0%
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%	30	-100.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	NR	0	0	-	0	-
NY1% VS GC SPREAD SWAP	VR	0	535	-100.0%	30	-100.0%

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<b>Energy Futures</b>						
NY HARBOR 1% FUEL OIL BAL	VK	0	0	-	0	-
NY HARBOR HEAT OIL SWP	MP	7,876	11,018	-28.5%	9,507	-17.2%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	600	1,090	-45.0%	685	-12.4%
NY HARBOR RESIDUAL FUEL 1	MM	550	852	-35.4%	700	-21.4%
NYH NO 2 CRACK SPREAD CAL	HK	9,869	3,948	150.0%	9,826	0.4%
NYISO CAPACITY	LHV	0	30	-100.0%	0	-
NYISO CAPACITY	NRS	0	0	-	0	-
NYISO ZONE A 5MW D AH O P	K4	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	D2	0	56,915	-100.0%	0	-
NYISO ZONE G 5MW D AH PK	T3	5,350	8,420	-36.5%	5,850	-8.5%
NYISO ZONE J 5MW D AH O P	D4	0	0	-	0	-
NYISO ZONE J 5MW D AH PK	D3	0	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	1,100	547	101.1%	759	44.9%
PANHANDLE BASIS SWAP FUTU	PH	0	270	-100.0%	0	-
PERMIAN BASIS SWAP	PM	0	0	-	0	-
PETROCHEMICALS	22	128	139	-7.9%	89	43.8%
PETROCHEMICALS	32	21	125	-83.2%	84	-75.0%
PETROCHEMICALS	3NA	42	9	366.7%	41	2.4%
PETROCHEMICALS	51	0	8	-100.0%	0	-
PETROCHEMICALS	81	0	0	-	0	-
PETROCHEMICALS	8I	6,825	5,966	14.4%	6,879	-0.8%
PETROCHEMICALS	91	1,267	902	40.5%	1,258	0.7%
PETROCHEMICALS	MAA	80	0	-	10	700.0%
PETROCHEMICALS	MAE	2,964	1,791	65.5%	2,830	4.7%
PETROCHEMICALS	MAS	1,240	510	143.1%	1,336	-7.2%
PETROCHEMICALS	MBE	50	10	400.0%	0	0.0%
PETROCHEMICALS	MNB	498	960	-48.1%	783	-36.4%
PETROCHEMICALS	MPS	1,749	1,187	47.3%	1,827	-4.3%
PETROCHEMICALS	PMF	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STR	0	0	-	0	-
PETRO CRCKS & SPRDS ASIA	STS	0	225	-100.0%	50	-100.0%
PETRO CRCKS & SPRDS NA	CRB	21,436	20,593	4.1%	21,795	-1.6%
PETRO CRCKS & SPRDS NA	EXR	1,549	1,143	35.5%	1,490	4.0%
PETRO CRCKS & SPRDS NA	FOC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GBB	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCC	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCI	0	255	-100.0%	0	-
PETRO CRCKS & SPRDS NA	GCM	0	0	-	0	-
PETRO CRCKS & SPRDS NA	GCU	0	1,265	-100.0%	210	-100.0%
PETRO CRCKS & SPRDS NA	GFC	330	0	-	0	-
PETRO CRCKS & SPRDS NA	HOB	3,347	6,323	-47.1%	4,280	-21.8%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	12	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	-	0	-
PETRO CRCKS & SPRDS NA	RBB	3,606	4,153	-13.2%	3,378	6.7%
PETRO CRCKS & SPRDS NA	RVG	5,516	3,164	74.3%	1,938	184.6%
PETRO CRCKS & SPRDS NA	SF3	0	0	-	0	-
PETRO CRK&SPRD EURO	1NB	255	0	-	91	180.2%
PETRO CRK&SPRD EURO	43	96	9	966.7%	9	966.7%
PETRO CRK&SPRD EURO	BOB	711	327	117.4%	789	-9.9%
PETRO CRK&SPRD EURO	EOB	15	0	-	15	0.0%



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<b>Energy Futures</b>						
PETRO CRK&SPRD EURO	EPN	1,303	1,124	15.9%	1,354	-3.8%
PETRO CRK&SPRD EURO	EVC	380	0	-	241	57.7%
PETRO CRK&SPRD EURO	FVB	0	0	-	0	-
PETRO CRK&SPRD EURO	GCB	0	0	-	0	-
PETRO CRK&SPRD EURO	GOC	0	0	-	0	-
PETRO CRK&SPRD EURO	MGB	0	0	-	0	-
PETRO CRK&SPRD EURO	MUD	0	0	-	0	-
PETRO CRK&SPRD EURO	NBB	0	0	-	0	-
PETRO CRK&SPRD EURO	NOB	451	363	24.2%	408	10.5%
PETROLEUM PRODUCTS	1NM	0	25	-100.0%	0	-
PETROLEUM PRODUCTS	BEB	0	0	-	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	0	-
PETROLEUM PRODUCTS	CMS	320	0	-	60	433.3%
PETROLEUM PRODUCTS	EWG	2,478	75	3,204.0%	2,713	-8.7%
PETROLEUM PRODUCTS	H5F	0	175	-100.0%	0	-
PETROLEUM PRODUCTS	JCC	3,710	375	889.3%	1,360	172.8%
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	172	135	27.4%	182	-5.5%
PETROLEUM PRODUCTS	S53	12	24	-50.0%	14	-14.3%
PETROLEUM PRODUCTS	UCS	0	90	-100.0%	0	-
PETROLEUM PRODUCTS	UP5	0	0	-	0	-
PETROLEUM PRODUCTS	VU	80	0	-	0	-
PETROLEUM PRODUCTS ASIA	E6M	0	0	-	0	-
PETROLEUM PRODUCTS ASIA	MJN	1,106	362	205.5%	1,111	-0.5%
PETRO OUTFRIGHT EURO	0B	168	24	600.0%	170	-1.2%
PETRO OUTFRIGHT EURO	0C	0	0	-	0	-
PETRO OUTFRIGHT EURO	0D	113	203	-44.3%	156	-27.6%
PETRO OUTFRIGHT EURO	0E	0	0	-	0	-
PETRO OUTFRIGHT EURO	0F	0	18	-100.0%	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	60	0	-	0	-
PETRO OUTFRIGHT EURO	7R	0	5	-100.0%	0	-
PETRO OUTFRIGHT EURO	CBB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CGB	0	0	-	0	-
PETRO OUTFRIGHT EURO	CPB	58	407	-85.7%	530	-89.1%
PETRO OUTFRIGHT EURO	EFF	0	0	-	0	-
PETRO OUTFRIGHT EURO	EFM	0	0	-	0	-
PETRO OUTFRIGHT EURO	ENS	0	0	-	0	-
PETRO OUTFRIGHT EURO	EWN	577	36	1,502.8%	661	-12.7%
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	3,102	4,814	-35.6%	2,933	5.8%
PETRO OUTFRIGHT EURO	MBB	0	110	-100.0%	0	-
PETRO OUTFRIGHT EURO	MBN	996	1,863	-46.5%	1,104	-9.8%
PETRO OUTFRIGHT EURO	MEF	321	323	-0.6%	345	-7.0%

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.

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Commodity	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG	
<b>Energy Futures</b>						
PETRO OUTRIGHT EURO	MQA	65	0	-	90	-27.8%
PETRO OUTRIGHT EURO	R53	36	0	-	47	-23.4%
PETRO OUTRIGHT EURO	R5B	0	0	-	0	-
PETRO OUTRIGHT EURO	R5M	4,958	998	396.8%	4,622	7.3%
PETRO OUTRIGHT EURO	R5O	2,849	2,339	21.8%	2,572	10.8%
PETRO OUTRIGHT EURO	RBM	0	0	-	33	-100.0%
PETRO OUTRIGHT EURO	S5B	2	0	-	0	-
PETRO OUTRIGHT EURO	S5F	263	407	-35.4%	262	0.4%
PETRO OUTRIGHT EURO	S5M	4,070	3,938	3.4%	4,148	-1.9%
PETRO OUTRIGHT EURO	S5O	4,483	2,122	111.3%	4,276	4.8%
PETRO OUTRIGHT EURO	SMU	0	0	-	400	-100.0%
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	66	0	-	132	-50.0%
PETRO OUTRIGHT NA	A8B	40	0	-	50	-20.0%
PETRO OUTRIGHT NA	AB6	275	50	450.0%	260	5.8%
PETRO OUTRIGHT NA	BCR	3,090	300	930.0%	2,025	52.6%
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	60	570	-89.5%	110	-45.5%
PETRO OUTRIGHT NA	JET	1,175	425	176.5%	550	113.6%
PETRO OUTRIGHT NA	JTB	0	0	-	700	-100.0%
PETRO OUTRIGHT NA	MBL	325	117	177.8%	365	-11.0%
PETRO OUTRIGHT NA	MEN	140	60	133.3%	158	-11.4%
PETRO OUTRIGHT NA	MEO	442	520	-15.0%	455	-2.9%
PETRO OUTRIGHT NA	MFD	0	0	-	0	-
PETRO OUTRIGHT NA	MMF	0	0	-	0	-
PJM AD HUB 5MW REAL TIME	V3	21,360	44,600	-52.1%	23,400	-8.7%
PJM AD HUB 5MW REAL TIME	Z9	1,170	2,455	-52.3%	1,275	-8.2%
PJM DAILY	JD	284	296	-4.1%	438	-35.2%
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	2,360	-100.0%	0	-
PJM NI HUB 5MW REAL TIME	B6	0	42,400	-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	192,240	295,400	-34.9%	210,600	-8.7%
PJM WESTH RT PEAK	L1	39,070	51,595	-24.3%	42,052	-7.1%
PLASTICS	PGP	3,700	3,776	-2.0%	3,671	0.8%
PREMIUM UNLD 10P FOB MED	3G	180	0	-	180	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,509	1,341	12.5%	1,570	-3.9%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	49,471	69,911	-29.2%	46,357	6.7%
RBOB CALENDAR SWAP	RL	12,937	7,787	66.1%	14,132	-8.5%
RBOB CRACK SPREAD	RM	15,081	4,452	238.7%	13,086	15.2%
RBOB GASOLINE BALMO CLNDR	1D	2,374	292	713.0%	130	1,726.2%

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Commodity		Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>Energy Futures</b>						
RBOB PHY	RBL	0	0	0.0%	0	0.0%
RBOB VS HEATING OIL SWAP	RH	315	300	5.0%	120	162.5%
SAN JUAN BASIS SWAP	NJ	0	0	-	0	-
SINGAPORE 180CST BALMO	BS	0	0	-	0	-
SINGAPORE 380CST BALMO	BT	0	0	-	0	-
SINGAPORE 380CST FUEL OIL	SE	492	290	69.7%	417	18.0%
SINGAPORE FUEL 180CST CAL	UA	0	0	-	0	-
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	4	-100.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0	-	0	-
SINGAPORE GASOIL	MAF	451	239	88.7%	610	-26.1%
SINGAPORE GASOIL	MTB	0	0	-	10	-100.0%
SINGAPORE GASOIL	MTS	786	342	129.8%	815	-3.6%
SINGAPORE GASOIL	SBM	42	12	250.0%	56	-25.0%
SINGAPORE GASOIL CALENDAR	MSG	600	1,856	-67.7%	717	-16.3%
SINGAPORE GASOIL SWAP	SG	1,209	7,526	-83.9%	1,028	17.6%
SINGAPORE GASOIL VS ICE	GA	5,419	600	803.2%	4,422	22.5%
SINGAPORE JET KERO BALMO	BX	0	0	-	0	-
SINGAPORE JET KERO GASOIL	RK	3,933	450	774.0%	2,649	48.5%
SINGAPORE JET KEROSENE SW	KS	685	1,045	-34.4%	940	-27.1%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEADED SWP	1N	1,742	1,200	45.2%	1,912	-8.9%
Sumas Basis Swap	NK	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	TM	249	0	-	195	27.7%
TC5 RAS TANURA TO YOKOHAM	TH	300	0	-	315	-4.8%
TCO BASIS SWAP	TC	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	TL	5,241	5,376	-2.5%	3,528	48.6%
TEXAS EASTERN ZONE M-3 BA	NX	0	413	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	TR	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	UKG	0	260	-100.0%	0	-
ULSD UP-DOWN BALMO SWP	1L	6,515	2,760	136.1%	8,840	-26.3%
UP DOWN GC ULSD VS NMX HO	LT	46,916	45,823	2.4%	50,611	-7.3%
WAHA BASIS	NW	0	0	-	0	-
WTI-BRENT BULLET SWAP	BY	0	0	-	0	-
WTI-BRENT CALENDAR SWAP	BK	98,188	72,091	36.2%	99,683	-1.5%
WTI CALENDAR	CS	164,386	158,684	3.6%	154,913	6.1%
WTI MIDLAND CRUDE OIL	WTL	200	0	-	400	-50.0%
WTS (ARGUS) VS WTI SWAP	FF	36,387	58,818	-38.1%	39,632	-8.2%
WTS (ARGUS) VS WTI TRD MT	FH	8,350	10,220	-18.3%	6,670	25.2%
<b>Energy Options</b>						
BRENT CALENDAR SWAP	BA	3,081	1,337	130.4%	1,166	164.2%
BRENT CRUDE OIL 1 M CSO	9C	85,300	41,100	107.5%	105,300	-19.0%
BRENT OIL LAST DAY	BE	46,456	102,706	-54.8%	45,456	2.2%
BRENT OIL LAST DAY	BZO	75,446	65,992	14.3%	68,337	10.4%
BRENT OIL LAST DAY	OS	0	0	-	0	-
COAL API2 INDEX	F2C	105	260	-59.6%	65	61.5%
COAL API2 INDEX	F2Q	75	60	25.0%	75	0.0%
CRUDE OIL	6Y	0	50	-100.0%	0	-
CRUDE OIL 1MO	WA	276,612	508,700	-45.6%	258,325	7.1%
CRUDE OIL APO	AO	280,906	259,348	8.3%	269,401	4.3%
CRUDE OIL CALNDR STRIP	6F	0	0	-	0	-
CRUDE OIL PHY	CD	0	0	-	0	-
CRUDE OIL PHY	LC	55,333	18,904	192.7%	29,625	86.8%

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<b>Energy Options</b>						
CRUDE OIL PHY	LO	2,206,749	1,561,890	41.3%	1,977,544	11.6%
CRUDE OIL PHY	LO1	10,483	2,729	284.1%	4,386	139.0%
CRUDE OIL PHY	LO2	681	3,253	-79.1%	0	-
CRUDE OIL PHY	LO3	27	15	80.0%	120	-77.5%
CRUDE OIL PHY	LO4	0	0	-	39	-100.0%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0.0%
ELEC FINSETTLED	PJN	43	43	0.0%	43	0.0%
ETHANOL SWAP	CVR	7,331	4,116	78.1%	10,417	-29.6%
ETHANOL SWAP	GVR	0	0	-	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	3,050	3,330	-8.4%	3,450	-11.6%
HEATING OIL PHY	FZ	0	0	-	0	-
HEATING OIL PHY	LB	1,361	582	133.8%	1,551	-12.3%
HEATING OIL PHY	OH	24,716	13,640	81.2%	27,026	-8.5%
HENRY HUB FINANCIAL LAST	E7	30,778	49,062	-37.3%	29,180	5.5%
HO 1 MONTH CLNDR OPTIONS	FA	200	0	-	200	0.0%
LLS CRUDE OIL	HTO	1,200	0	-	0	-
LLS CRUDE OIL	WTO	1,500	1,000	50.0%	1,650	-9.1%
MCCLOSKY ARA ARGS COAL	MTO	240	1,357	-82.3%	402	-40.3%
MCCLOSKY RCH BAY COAL	MFO	0	0	-	0	-
NATURAL GAS	LN2	0	0	-	0	-
NATURAL GAS	LN3	0	0	-	0	-
NATURAL GAS	LN4	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	G4	176,653	62,375	183.2%	153,807	14.9%
NATURAL GAS 2 M CSO FIN	G2	0	0	-	0	-
NATURAL GAS 3 M CSO FIN	G3	17,250	11,100	55.4%	0	-
NATURAL GAS 5 M CSO FIN	G5	8,081	2,000	304.1%	5,250	53.9%
NATURAL GAS 6 M CSO FIN	G6	41,450	23,725	74.7%	39,200	5.7%
NATURAL GAS OPT	JKO	5,805	0	-	6,010	-3.4%
NATURAL GAS OPT	TFO	10,930	63,890	-82.9%	17,960	-39.1%
NATURAL GAS OPTION ON CALENDAR STRP	6J	7,784	14,728	-47.1%	7,184	8.4%
NATURAL GAS PHY	KD	0	0	0.0%	0	0.0%
NATURAL GAS PHY	LN	2,331,423	2,363,151	-1.3%	2,183,201	6.8%
NATURAL GAS PHY	ON	65,936	42,357	55.7%	60,027	9.8%
NATURAL GAS SUMMER STRIP	4D	0	400	-100.0%	0	-
NATURAL GAS WINTER STRIP	6I	0	0	-	0	-
N ROCKIES PIPE SWAP	ZR	0	0	-	0	-
NY HARBOR HEAT OIL SWP	AT	7,503	5,179	44.9%	7,075	6.0%
PETROCHEMICALS	4H	8,037	1,150	598.9%	8,346	-3.7%
PETROCHEMICALS	4J	680	600	13.3%	885	-23.2%
PETROCHEMICALS	4K	0	190	-100.0%	0	-
PETROCHEMICALS	CPR	0	0	-	0	-
PETRO OUTRIGHT EURO	BCO	0	0	-	0	-
PETRO OUTRIGHT NA	1N5	0	0	-	0	-
PETRO OUTRIGHT NA	DAP	1,425	870	63.8%	1,250	14.0%
PJM WES HUB PEAK CAL MTH	6OA	180	850	-78.8%	180	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	432	-100.0%	0	-
RBOB CALENDAR SWAP	RA	117	1,387	-91.6%	164	-28.7%
RBOB PHY	OB	7,986	10,435	-23.5%	7,223	10.6%
RBOB PHY	RF	0	50	-100.0%	0	-
SAN JUAN PIPE SWAP	PJ	0	0	-	0	-
SHORT TERM	U11	0	0	-	0	-
SHORT TERM	U12	0	0	-	0	-

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Commodity	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG	
<b>Energy Options</b>						
SHORT TERM	U13	0	0	-	0	-
SHORT TERM	U14	0	0	-	0	-
SHORT TERM	U15	0	0	-	0	-
SHORT TERM	U22	0	0	-	0	-
SHORT TERM	U23	0	0	-	0	-
SHORT TERM	U24	0	0	-	0	-
SHORT TERM	U25	0	0	-	0	-
SHORT TERM	U26	0	0	-	0	-
SHORT TERM NATURAL GAS	U01	0	0	-	0	-
SHORT TERM NATURAL GAS	U02	0	0	-	0	-
SHORT TERM NATURAL GAS	U03	0	0	-	0	-
SHORT TERM NATURAL GAS	U04	0	0	-	0	-
SHORT TERM NATURAL GAS	U05	0	0	-	0	-
SHORT TERM NATURAL GAS	U06	0	0	-	0	-
SHORT TERM NATURAL GAS	U07	0	0	-	0	-
SHORT TERM NATURAL GAS	U08	0	0	-	0	-
SHORT TERM NATURAL GAS	U09	0	0	-	0	-
SHORT TERM NATURAL GAS	U10	0	0	-	0	-
SHORT TERM NATURAL GAS	U16	0	0	-	0	-
SHORT TERM NATURAL GAS	U17	0	0	-	0	-
SHORT TERM NATURAL GAS	U18	0	0	-	0	-
SHORT TERM NATURAL GAS	U19	0	0	-	0	-
SHORT TERM NATURAL GAS	U20	0	0	-	0	-
SHORT TERM NATURAL GAS	U21	0	0	-	0	-
SHORT TERM NATURAL GAS	U27	0	0	-	0	-
SHORT TERM NATURAL GAS	U28	0	0	-	0	-
SHORT TERM NATURAL GAS	U29	0	0	-	0	-
SHORT TERM NATURAL GAS	U30	0	0	-	0	-
SHORT TERM NATURAL GAS	U31	0	0	-	0	-
WTI-BRENT BULLET SWAP	BV	192,925	190,695	1.2%	208,315	-7.4%
WTI CRUDE OIL 1 M CSO FI	7A	30,950	192,125	-83.9%	36,300	-14.7%
<b>Metals Futures</b>						
COMEX GOLD	GC	522,502	520,668	0.4%	512,591	1.9%
NYMEX HOT ROLLED STEEL	HR	38,213	23,093	65.5%	37,983	0.6%
NYMEX PLATINUM	PL	52,932	63,661	-16.9%	58,559	-9.6%
PALLADIUM	PA	7,875	9,782	-19.5%	9,224	-14.6%
URANIUM	UX	800	300	166.7%	800	0.0%
COMEX SILVER	SI	150,633	179,138	-15.9%	140,153	7.5%
COMEX E-Mini GOLD	QO	1,588	2,066	-23.1%	1,558	1.9%
COMEX E-Mini SILVER	QI	493	873	-43.5%	655	-24.7%
COMEX COPPER	HG	198,851	258,220	-23.0%	181,604	9.5%
COMEX MINY COPPER	QC	414	218	89.9%	362	14.4%
ALUMINUM	A38	0	0	-	0	-
ALUMINUM	AEP	8,608	9,944	-13.4%	9,198	-6.4%
ALUMINUM	ALA	825	960	-14.1%	840	-1.8%
ALUMINUM	ALI	247	239	3.3%	239	3.3%
ALUMINUM	AUP	24,648	29,482	-16.4%	24,292	1.5%
ALUMINUM	CUP	0	0	-	0	-
ALUMINUM	EDP	16,935	10,566	60.3%	17,118	-1.1%
ALUMINUM	MJP	5,124	3,120	64.2%	5,299	-3.3%



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<b>Metals Futures</b>						
COBALT METAL FUTURES	COB	1,594	155	928.4%	1,454	9.6%
COPPER	HGS	16,187	18,501	-12.5%	16,214	-0.2%
FERROUS PRODUCTS	BUS	6,498	5,829	11.5%	3,968	63.8%
GOLD	4GC	0	5	-100.0%	0	-
GOLD	SGC	316	133	137.6%	429	-26.3%
GOLD	SGU	626	187	234.8%	628	-0.3%
HOT ROLLED COIL STEEL FUTURES	EHR	1,651	1,356	21.8%	2,035	-18.9%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	-	0	-
IRON ORE CHINA	TIO	2,718	2,325	16.9%	2,396	13.4%
METALS	HDG	0	172	-100.0%	100	-100.0%
METALS	LTH	3	0	-	3	0.0%
METALS	PAC	100	0	-	0	-
MICRO GOLD	MGC	22,722	27,879	-18.5%	19,798	14.8%
SILVER	SIL	6,392	6,264	2.0%	6,102	4.8%
<b>Metals Options</b>						
ALUMINUM	ALO	1,050	0	-	1,250	-16.0%
COMEX COPPER	HX	37,902	24,417	55.2%	27,033	40.2%
COMEX GOLD	OG	651,857	920,568	-29.2%	688,162	-5.3%
COMEX SILVER	SO	96,208	114,867	-16.2%	85,185	12.9%
COPPER	H1E	39	0	-	0	-
COPPER	H2E	18	0	-	0	-
COPPER	H3E	0	0	-	0	-
COPPER	H4E	0	0	-	0	-
COPPER	H5E	0	0	-	0	0.0%
GOLD	OG1	12,615	10,457	20.6%	8,716	44.7%
GOLD	OG2	4,972	4,071	22.1%	3,582	38.8%
GOLD	OG3	2,158	1,551	39.1%	904	138.7%
GOLD	OG4	6	0	-	0	-
GOLD	OG5	0	0	0.0%	0	0.0%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	-	0	-
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	-	0	-
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	-	0	-
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	-	0	-
IRON ORE CHINA	ICT	150	1,320	-88.6%	508	-70.5%
NYMEX HOT ROLLED STEEL	HRO	2,830	1,450	95.2%	2,415	17.2%
NYMEX PLATINUM	PO	16,703	2,038	719.6%	7,721	116.3%
PALLADIUM	PAO	331	945	-65.0%	325	1.8%
SILVER	SO1	1,848	1,591	16.2%	1,018	81.5%
SILVER	SO2	1,049	234	348.3%	910	15.3%
SILVER	SO3	175	79	121.5%	26	573.1%
SILVER	SO4	1	0	-	0	-
SILVER	SO5	0	0	0.0%	0	0.0%



## NYMEX/COMEX Exchange Open Interest Report - Monthly

Commodity	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>TOTAL FUTURES GROUP</b>					
Ag Products Futures	0	0	-	0	-
Energy Futures	7,274,887	7,901,131	-7.9%	6,856,149	6.1%
Metals Futures	1,089,495	1,175,136	-7.3%	1,053,602	3.4%
<b>TOTAL FUTURES</b>	<b>8,364,382</b>	<b>9,076,267</b>	<b>-7.8%</b>	<b>7,909,751</b>	<b>5.7%</b>
<b>TOTAL OPTIONS GROUP</b>					
Energy Options	6,026,788	5,627,163	7.1%	5,576,135	8.1%
Metals Options	829,912	1,083,588	-23.4%	827,755	0.3%
<b>TOTAL OPTIONS</b>	<b>6,856,700</b>	<b>6,710,751</b>	<b>2.2%</b>	<b>6,403,890</b>	<b>7.1%</b>
<b>TOTAL COMBINED</b>					
Ag Products	0	0	-	0	-
Energy	13,301,675	13,528,294	-1.7%	12,432,284	7.0%
Metals	1,919,407	2,258,724	-15.0%	1,881,357	2.0%
<b>GRAND TOTAL</b>	<b>15,221,082</b>	<b>15,787,018</b>	<b>-3.6%</b>	<b>14,313,641</b>	<b>6.3%</b>