



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME OCT 2022	VOLUME OCT 2021	% CHG	VOIUME SEP 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Ag Products Futures									
COFFEE	KT	0	0	0.0%	0	0.0%	0	2	-100.0%
COTTON	TT	0	0	0.0%	0	-	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	0	-	0	0	0.0%
Energy Futures									
CRUDE OIL PHY	CL	14,339,648	24,524,061	-41.5%	15,296,318	-6.3%	174,777,637	208,002,244	-16.0%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	1,000	3,732	-73.2%
MINY WTI CRUDE OIL	QM	463,840	431,708	7.4%	606,717	-23.5%	6,121,343	4,162,875	47.0%
BRENT OIL LAST DAY	BZ	1,450,089	2,115,787	-31.5%	1,294,898	12.0%	14,750,592	20,246,245	-27.1%
HEATING OIL PHY	HO	3,545,120	3,886,372	-8.8%	3,519,325	0.7%	34,069,592	32,089,307	6.2%
HTG OIL	BH	36	12	200.0%	0	0.0%	108	124	-12.9%
MINY HTG OIL	QH	10	4	150.0%	9	11.1%	86	61	41.0%
RBOB PHY	RB	3,052,704	3,996,121	-23.6%	2,805,231	8.8%	35,345,370	40,389,085	-12.5%
MINY RBOB GAS	QU	7	7	0.0%	9	-22.2%	90	86	4.7%
NATURAL GAS	HP	148,152	265,311	-44.2%	124,302	19.2%	1,697,896	1,630,130	4.2%
LTD NAT GAS	HH	348,893	404,290	-13.7%	363,884	-4.1%	3,535,009	3,369,484	4.9%
MINY NATURAL GAS	QG	198,820	529,394	-62.4%	259,576	-23.4%	3,085,695	1,784,819	72.9%
PJM MONTHLY	JM	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PHY	NG	6,411,375	9,021,205	-28.9%	6,111,676	4.9%	71,573,307	82,363,332	-13.1%
RBOB GAS	RT	24	24	0.0%	0	0.0%	72	84	-14.3%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	-	0	0	0.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	6,400	5,370	19.2%	4,935	29.7%	60,320	87,347	-30.9%
ARGUS PROPAN FAR EST INDE	7E	6,132	8,271	-25.9%	5,572	10.1%	57,241	61,798	-7.4%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,873	2,271	-17.5%	1,992	-6.0%	19,383	18,243	6.2%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	-	0	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0.0%	1,587	1,314	20.8%
BRENT CALENDAR SWAP	CY	8,339	6,171	35.1%	11,866	-29.7%	147,977	99,188	49.2%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0.0%	0	4,000	-100.0%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	10	-100.0%	250	0	0.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	0	68	-100.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	BZS	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
CAR VINTAGE	GEO	5,617	1,956	187.2%	2,772	102.6%	32,319	9,482	240.8%
CAR VINTAGE	NGO	8,343	4,169	100.1%	7,805	6.9%	118,762	18,238	551.2%
CHICAGO ETHANOL SWAP	CU	58,545	83,120	-29.6%	60,480	-3.2%	597,678	734,707	-18.7%
CHICAGO ULSD PL VS HO SPR	5C	1,540	135	1,040.7%	575	167.8%	6,683	3,697	80.8%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	0	425	-100.0%
CIG BASIS	CI	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	-	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	-	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	365	113	223.0%	80	356.3%	2,961	3,258	-9.1%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	330	475	-30.5%	525	-37.1%	3,507	2,982	17.6%
CONWAY PROPANE 5 DECIMALS SWAP	8K	18,518	16,141	14.7%	16,784	10.3%	160,958	148,594	8.3%
CRUDE OIL	LPS	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	26	390	266	46.6%	551	-29.2%	4,022	2,673	50.5%
CRUDE OIL OUTRIGHTS	42	418	129	224.0%	1,010	-58.6%	9,034	3,033	197.9%
CRUDE OIL OUTRIGHTS	CC5	422	480	-12.1%	0	0.0%	1,988	9,906	-79.9%
CRUDE OIL OUTRIGHTS	CSW	60	30	100.0%	0	0.0%	1,320	14,019	-90.6%
CRUDE OIL OUTRIGHTS	DAB	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0.0%	105	2,464	-95.7%
CRUDE OIL OUTRIGHTS	HTT	65,799	77,908	-15.5%	78,182	-15.8%	722,917	606,520	19.2%
CRUDE OIL OUTRIGHTS	LSW	82	585	-86.0%	360	-77.2%	4,347	10,282	-57.7%
CRUDE OIL OUTRIGHTS	WCW	140	3,030	-95.4%	400	-65.0%	17,270	34,342	-49.7%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	0	0.0%	0	0.0%	0	20,147	-100.0%
CRUDE OIL PHY	MCL	2,178,545	1,296,285	68.1%	2,641,893	-17.5%	26,002,781	4,638,398	460.6%
CRUDE OIL SPRDS	38	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL SPRDS	ANT	330	660	-50.0%	1,600	-79.4%	8,466	4,147	104.1%
CRUDE OIL SPRDS	HIL	0	250	-100.0%	0	0.0%	3,255	5,350	-39.2%
CRUDE OIL SPRDS	WTT	43,044	43,423	-0.9%	57,946	-25.7%	510,337	253,198	101.6%
CRUDE OIL TRADE AT MARKER SINGAPORE	CLS	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	AOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	IDO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	NOC	0	0	0.0%	0	0.0%	0	0	0.0%



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DAILY PJM	PAP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PEO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PNO	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PNP	0	0	0.0%	0	-	0	0	0.0%
DAILY PJM	PWO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	PWP	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	WOR	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZAO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZGO	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	ZJO	0	0	0.0%	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY SWAP	7G	0	0	0.0%	0	-	0	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	900	-100.0%	0	0.0%	2,220	2,715	-18.2%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0.0%	5	30	-83.3%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0.0%	2,000	0	0.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	0	9,556	-100.0%	45	-100.0%	14,607	431,669	-96.6%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	0	36	-100.0%	0	0.0%	838	4,339	-80.7%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	-	0	0	0.0%
EMMISSIONS	CGO	1,437	0	-	2,654	-45.9%	19,037	0	-
ETHANOL	MTH	0	0	0.0%	0	0.0%	10	10	0.0%
ETHANOL SWAP	MT2	300	220	36.4%	135	122.2%	1,965	1,813	8.4%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,783	4,932	-43.6%	7,574	-63.3%	34,878	36,941	-5.6%
EURO 3.5% FUEL OIL RDAM B	KR	0	30	-100.0%	0	0.0%	0	46	-100.0%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10 CAL SWAP	GT	0	0	-	3	-100.0%	3	0	-
EURO GASOIL 10PPM VS ICE	ET	0	1,187	-100.0%	0	0.0%	1,169	2,767	-57.8%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	0	84	-100.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	-	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0.0%	0	13	-100.0%
EUROPE 3.5% FUEL OIL RDAM	UV	13	46	-71.7%	0	0.0%	559	442	26.5%
EUROPEAN GASOIL (ICE)	7F	199	2,606	-92.4%	163	22.1%	13,463	7,982	68.7%

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Energy Futures									
EUROPEAN NAPHTHA BALMO	KZ	5	0	0.0%	19	-73.7%	181	43	320.9%
EUROPEAN NAPHTHA CRACK SPR	EN	1,292	1,529	-15.5%	734	76.0%	21,407	16,426	30.3%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	0	710	-100.0%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	0	20	-100.0%
EUROPE NAPHTHA CALSWAP	UN	343	771	-55.5%	347	-1.2%	5,881	6,079	-3.3%
EURO PROPANE CIF ARA SWA	PS	2,313	1,975	17.1%	2,549	-9.3%	17,897	15,426	16.0%
FREIGHT MARKETS	ACB	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BF1	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BF2	0	0	0.0%	0	0.0%	0	119	-100.0%
FREIGHT MARKETS	BF3	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	BL2	0	105	-100.0%	840	-100.0%	1,245	235	429.8%
FREIGHT MARKETS	CS3	0	0	-	0	0.0%	10	0	-
FREIGHT MARKETS	CS4	0	0	-	0	0.0%	360	0	-
FREIGHT MARKETS	FLJ	0	10	-100.0%	0	0.0%	0	92	-100.0%
FREIGHT MARKETS	FLP	68	20	240.0%	0	0.0%	296	614	-51.8%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	36	70	-48.6%
FREIGHT MARKETS	T2D	20	309	-93.5%	0	0.0%	728	784	-7.1%
FREIGHT MARKETS	T7C	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	T8C	0	0	0.0%	0	0.0%	0	10	-100.0%
FREIGHT MARKETS	TC6	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	TD3	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	USC	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	USE	0	0	0.0%	0	0.0%	0	90	-100.0%
FUEL OIL CRACK VS ICE	FO	0	60	-100.0%	0	0.0%	1,192	2,203	-45.9%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	66	72	-8.3%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	-	0	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BARGES	7H	21	790	-97.3%	121	-82.6%	1,982	6,877	-71.2%
GAS EURO-BOB OXY NWE BARGES CRK	7K	1,207	6,252	-80.7%	1,544	-21.8%	24,763	52,285	-52.6%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0.0%	45	60	-25.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	10	42	-76.2%
GASOIL 0.1 ROTTERDAM BARG	VL	0	15	-100.0%	0	0.0%	66	163	-59.5%
GASOIL 10PPM VS ICE SWAP	TP	12	0	0.0%	0	-	12	0	0.0%
GASOIL CALENDAR SWAP	GX	6	304	-98.0%	12	-50.0%	977	1,422	-31.3%
GASOIL CRACK SPREAD CALEN	GZ	0	1,518	-100.0%	12	-100.0%	10,959	15,811	-30.7%

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Energy Futures									
GASOIL MINI CALENDAR SWAP	QA	116	295	-60.7%	90	28.9%	2,817	3,453	-18.4%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	46	-100.0%	0	0.0%	0	238	-100.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	-	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	4,826	6,310	-23.5%	3,550	35.9%	46,203	43,935	5.2%
GRP THREE UNL GS (PLT) VS	A8	905	2,250	-59.8%	2,575	-64.9%	30,862	26,294	17.4%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0.0%	967	712	35.8%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	ME	5,219	16,948	-69.2%	6,295	-17.1%	96,448	212,707	-54.7%
GULF COAST NO.6 FUEL OIL	MF	9,657	305	3,066.2%	6,527	48.0%	45,197	18,214	148.1%
GULF COAST NO.6 FUEL OIL	MG	13,424	9,400	42.8%	9,420	42.5%	78,277	24,738	216.4%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	25	-100.0%	804	4,138	-80.6%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	1G	87	394	-77.9%	0	0.0%	3,490	2,905	20.1%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	127	2,450	-94.8%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL PHY	MHO	40	0	-	16	150.0%	66	0	-
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB INDEX SWAP FUTU	IN	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB SWAP	NN	23,546	19,717	19.4%	37,713	-37.6%	280,566	327,641	-14.4%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	155	-100.0%	0	0.0%	2,193	5,604	-60.9%
ICE GASOIL BALMO SWAP	U9	0	0	0.0%	0	0.0%	0	46	-100.0%
INDIANA MISO	FTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	PDD	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0.0%	0	1,124	-100.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	428	0	0.0%
JAPAN C&F NAPHTHA SWAP	JA	141	30	370.0%	16	781.3%	1,163	622	87.0%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0.0%	6	12	-50.0%
JET CIF NWE VS ICE	JC	24	45	-46.7%	27	-11.1%	1,525	1,364	11.8%
JET FUEL UP-DOWN BALMO CL	1M	245	1,255	-80.5%	230	6.5%	15,241	15,839	-3.8%
JKM LNG Futures	JKM	335	192	74.5%	733	-54.3%	3,223	5,593	-42.4%
LA CARB DIESEL (OPIS) SWA	KL	10	130	-92.3%	90	-88.9%	2,291	1,945	17.8%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	0	225	-100.0%



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LA JET (OPIS) SWAP	JS	50	1,025	-95.1%	50	0.0%	3,375	5,020	-32.8%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	600	-100.0%	0	0.0%	93	2,450	-96.2%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	-	0	0	0.0%
MARS (ARGUS) VS WTI SWAP	YX	0	300	-100.0%	0	0.0%	1,685	1,750	-3.7%
MARS (ARGUS) VS WTI TRD M	YV	15,185	18,893	-19.6%	18,361	-17.3%	156,346	184,891	-15.4%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	-	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTF	926	18,699	-95.0%	3,038	-69.5%	53,650	137,862	-61.1%
MCCLOSKEY RCH BAY COAL	MFF	80	1,072	-92.5%	618	-87.1%	4,136	9,039	-54.2%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0.0%	0	0	0.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	0	0.0%	20	-100.0%	263	125	110.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	50	391	-87.2%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	130	429	-69.7%	110	18.2%	3,054	5,819	-47.5%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	50	-100.0%
MNC FUT	MNC	1,545	1,111	39.1%	1,706	-9.4%	16,897	8,354	102.3%
MONT BELVIEU ETHANE 5 DECIMAL	C0	32,072	41,445	-22.6%	44,485	-27.9%	362,584	292,253	24.1%
MONT BELVIEU ETHANE OPIS BALMO	8C	220	4,571	-95.2%	1,372	-84.0%	8,901	8,398	6.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	192,621	225,161	-14.5%	194,759	-1.1%	1,698,908	1,885,450	-9.9%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	1,593	3,076	-48.2%	2,323	-31.4%	27,070	31,873	-15.1%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	27,114	13,249	104.6%	25,144	7.8%	246,853	145,847	69.3%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	2,814	710	296.3%	1,900	48.1%	16,388	6,465	153.5%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	57,789	63,912	-9.6%	64,741	-10.7%	545,470	553,135	-1.4%
MONT BELVIEU NORMAL BUTANE BALMO	8J	2,247	1,469	53.0%	1,169	92.2%	15,157	12,816	18.3%
NATURAL GAS PEN SWP	NP	33,039	57,376	-42.4%	33,939	-2.7%	451,404	542,734	-16.8%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	-	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	P7	0	0	0.0%	0	-	0	0	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	605	420	44.0%	1,685	-64.1%	8,992	1,570	472.7%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	JN	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	NL	0	0	0.0%	0	-	0	0	0.0%
NGPL TEX/OK	PD	0	0	0.0%	0	-	0	0	0.0%



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Commodity		VOLUME OCT 2022	VOLUME OCT 2021	% CHG	VOLUME SEP 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Energy Futures									
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	0.0%	0	-	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	-	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	1,038	1,889	-45.1%	2,098	-50.5%	12,489	10,104	23.6%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	1,570	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	75	325	-76.9%	25	200.0%	1,350	2,224	-39.3%
NYH NO 2 CRACK SPREAD CAL	HK	1,344	2,234	-39.8%	351	282.9%	16,950	16,483	2.8%
NYISO CAPACITY	LHV	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	-	0	0	0.0%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	-	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	-	0	0	0.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	840	600	40.0%	284	195.8%	5,412	650	732.6%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	22	82	286	-71.3%	214	-61.7%	1,390	1,703	-18.4%
PETROCHEMICALS	32	92	137	-32.8%	24	283.3%	425	617	-31.1%
PETROCHEMICALS	3NA	45	21	114.3%	14	221.4%	267	149	79.2%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	15	0	0.0%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	424	147	188.4%
PETROCHEMICALS	8I	1,683	1,356	24.1%	753	123.5%	9,339	11,935	-21.8%
PETROCHEMICALS	91	377	691	-45.4%	509	-25.9%	3,211	3,944	-18.6%
PETROCHEMICALS	MAA	0	130	-100.0%	30	-100.0%	460	425	8.2%
PETROCHEMICALS	MAE	1,292	2,135	-39.5%	1,410	-8.4%	11,582	9,260	25.1%
PETROCHEMICALS	MAS	310	1,265	-75.5%	180	72.2%	3,570	3,655	-2.3%
PETROCHEMICALS	MBE	0	170	-100.0%	100	-100.0%	710	650	9.2%
PETROCHEMICALS	MNB	0	0	0.0%	0	0.0%	15	2,039	-99.3%
PETROCHEMICALS	MPS	329	317	3.8%	458	-28.2%	2,626	3,737	-29.7%
PETROCHEMICALS	NWM	305	0	-	0	-	305	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	VOLUME OCT 2022	VOLUME OCT 2021	% CHG	VOLUME SEP 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG	
Energy Futures									
PETROCHEMICALS	PMF	0	0	0.0%	2	-100.0%	14	9	55.6%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	11,592	25,087	-53.8%	12,870	-9.9%	164,289	210,326	-21.9%
PETRO CRCKS & SPRDS NA	EXR	132	618	-78.6%	90	46.7%	2,681	6,285	-57.3%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0.0%	700	655	6.9%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0.0%	150	370	-59.5%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0.0%	275	880	-68.8%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	1,350	460	193.5%
PETRO CRCKS & SPRDS NA	HOB	0	575	-100.0%	0	0.0%	577	3,880	-85.1%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0.0%	0	145	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	673	2,687	-75.0%	100	573.0%	6,626	15,114	-56.2%
PETRO CRCKS & SPRDS NA	RVG	1,720	0	0.0%	15	11,366.7%	19,535	11,370	71.8%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	1NB	336	0	0.0%	0	0.0%	2,121	383	453.8%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0.0%	121	21	476.2%
PETRO CRK&SPRD EURO	BOB	0	207	-100.0%	15	-100.0%	605	1,180	-48.7%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	EPN	374	456	-18.0%	455	-17.8%	3,965	5,141	-22.9%
PETRO CRK&SPRD EURO	EVC	40	60	-33.3%	0	0.0%	827	836	-1.1%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	9	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	10	-100.0%	0	0.0%	0	70	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	NOB	75	11	581.8%	30	150.0%	917	483	89.9%
PETROLEUM PRODUCTS	1NM	0	0	0.0%	0	0.0%	50	717	-93.0%
PETROLEUM PRODUCTS	BEB	0	0	0.0%	0	0.0%	0	3	-100.0%
PETROLEUM PRODUCTS	BEF	0	0	0.0%	0	0.0%	2	3	-33.3%
PETROLEUM PRODUCTS	CMS	350	300	16.7%	300	16.7%	1,590	730	117.8%

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Energy Futures									
PETROLEUM PRODUCTS	EWG	150	1,538	-90.2%	774	-80.6%	4,767	4,948	-3.7%
PETROLEUM PRODUCTS	H5F	150	0	0.0%	285	-47.4%	785	60	1,208.3%
PETROLEUM PRODUCTS	JCC	2,250	650	246.2%	220	922.7%	13,516	2,150	528.7%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0.0%	0	14	-100.0%
PETROLEUM PRODUCTS	NCC	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	R5E	0	5	-100.0%	0	0.0%	0	5	-100.0%
PETROLEUM PRODUCTS	R5F	24	86	-72.1%	63	-61.9%	456	442	3.2%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	30	-100.0%	0	0.0%	1,148	341	236.7%
PETROLEUM PRODUCTS ASIA	E6M	10	0	0.0%	5	100.0%	50	10	400.0%
PETROLEUM PRODUCTS ASIA	MJN	320	491	-34.8%	230	39.1%	7,176	2,614	174.5%
PETRO OUTFRIGHT EURO	0B	0	0	0.0%	0	0.0%	0	223	-100.0%
PETRO OUTFRIGHT EURO	0C	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO OUTFRIGHT EURO	0D	62	56	10.7%	24	158.3%	295	876	-66.3%
PETRO OUTFRIGHT EURO	0E	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTFRIGHT EURO	0F	0	0	0.0%	0	0.0%	9	9	0.0%
PETRO OUTFRIGHT EURO	1T	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTFRIGHT EURO	5L	0	0	0.0%	0	0.0%	10	0	0.0%
PETRO OUTFRIGHT EURO	63	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	7I	0	0	0.0%	0	0.0%	285	50	470.0%
PETRO OUTFRIGHT EURO	7R	8	20	-60.0%	0	0.0%	46	62	-25.8%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	0	0.0%	0	33	-100.0%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	0.0%	30	0	0.0%
PETRO OUTFRIGHT EURO	CPB	12	60	-80.0%	116	-89.7%	1,686	3,482	-51.6%
PETRO OUTFRIGHT EURO	EFF	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	0.0%	0	12	-100.0%
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	480	434	10.6%	456	5.3%	1,765	2,007	-12.1%
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO OUTFRIGHT EURO	GNO	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	H5G	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	JFB	0	0	0.0%	0	0.0%	0	10	-100.0%



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Energy Futures									
PETRO OUTFRIGHT EURO	M1B	817	851	-4.0%	1,107	-26.2%	11,015	12,692	-13.2%
PETRO OUTFRIGHT EURO	MBB	0	0	0.0%	0	0.0%	0	240	-100.0%
PETRO OUTFRIGHT EURO	MBN	410	284	44.4%	777	-47.2%	6,021	3,550	69.6%
PETRO OUTFRIGHT EURO	MEF	0	60	-100.0%	15	-100.0%	94	2,337	-96.0%
PETRO OUTFRIGHT EURO	MQA	0	35	-100.0%	0	0.0%	188	65	189.2%
PETRO OUTFRIGHT EURO	R53	0	35	-100.0%	0	0.0%	0	127	-100.0%
PETRO OUTFRIGHT EURO	R5B	0	0	0.0%	0	0.0%	0	56	-100.0%
PETRO OUTFRIGHT EURO	R5M	1,440	1,880	-23.4%	1,822	-21.0%	17,717	11,740	50.9%
PETRO OUTFRIGHT EURO	R5O	511	649	-21.3%	773	-33.9%	9,624	7,016	37.2%
PETRO OUTFRIGHT EURO	RBM	0	0	0.0%	6	-100.0%	112	34	229.4%
PETRO OUTFRIGHT EURO	S5B	0	0	0.0%	0	0.0%	5	5	0.0%
PETRO OUTFRIGHT EURO	S5F	101	85	18.8%	88	14.8%	1,150	1,080	6.5%
PETRO OUTFRIGHT EURO	S5M	2,074	2,005	3.4%	1,784	16.3%	21,714	17,417	24.7%
PETRO OUTFRIGHT EURO	S5O	712	1,903	-62.6%	1,221	-41.7%	25,981	11,143	133.2%
PETRO OUTFRIGHT EURO	SMU	0	200	-100.0%	0	0.0%	0	1,400	-100.0%
PETRO OUTFRIGHT EURO	SR5	12	0	-	30	-60.0%	120	0	-
PETRO OUTFRIGHT EURO	T0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	T2B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	TLB	0	25	-100.0%	0	0.0%	0	25	-100.0%
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	UNB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	V0	0	132	-100.0%	0	0.0%	0	450	-100.0%
PETRO OUTFRIGHT NA	A8B	50	215	-76.7%	350	-85.7%	2,305	1,090	111.5%
PETRO OUTFRIGHT NA	AB6	590	145	306.9%	25	2,260.0%	3,445	1,930	78.5%
PETRO OUTFRIGHT NA	BCR	2,050	3,042	-32.6%	800	156.3%	25,170	18,507	36.0%
PETRO OUTFRIGHT NA	DBB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	FCB	0	32	-100.0%	0	0.0%	0	32	-100.0%
PETRO OUTFRIGHT NA	H5B	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	JE	0	0	0.0%	0	0.0%	60	275	-78.2%
PETRO OUTFRIGHT NA	JET	975	450	116.7%	700	39.3%	5,785	4,025	43.7%
PETRO OUTFRIGHT NA	JTB	75	0	0.0%	0	0.0%	2,136	665	221.2%
PETRO OUTFRIGHT NA	MBL	75	282	-73.4%	90	-16.7%	860	671	28.2%
PETRO OUTFRIGHT NA	MEN	0	95	-100.0%	8	-100.0%	581	627	-7.3%
PETRO OUTFRIGHT NA	MEO	302	294	2.7%	380	-20.5%	2,611	4,569	-42.9%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	0	0.0%



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Energy Futures									
PETRO OUTRIGHT NA	MMF	10	0	0.0%	10	0.0%	20	65	-69.2%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAILY	JD	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	R7	0	0	0.0%	0	-	0	0	0.0%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	-	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CAL MO DAY AH	4N	0	0	0.0%	0	-	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	-	0	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	-	0	0	0.0%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0.0%	0	0	0.0%
PLASTICS	PGP	1,347	1,421	-5.2%	1,080	24.7%	9,919	13,241	-25.1%
PREMIUM UNLD 10P FOB MED	3G	0	180	-100.0%	0	0.0%	111	185	-40.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	2,404	915	162.7%	970	147.8%	16,530	13,566	21.8%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	14,183	12,554	13.0%	10,757	31.8%	127,836	159,496	-19.9%
RBOB CALENDAR SWAP	RL	8,402	7,310	14.9%	2,775	202.8%	52,307	68,840	-24.0%
RBOB CRACK SPREAD	RM	395	3,099	-87.3%	435	-9.2%	14,912	21,124	-29.4%
RBOB CRACK SPREAD BALMO S	1E	0	0	-	0	0.0%	127	0	-
RBOB GASOLINE BALMO CLNDR	1D	647	713	-9.3%	370	74.9%	12,516	8,002	56.4%
RBOB PHY	MRB	31	0	-	2	1,450.0%	59	0	-
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	420	0	0.0%	0	0.0%	975	1,105	-11.8%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0.0%	2	0	0.0%
SINGAPORE 380CST BALMO	BT	0	13	-100.0%	0	0.0%	1	23	-95.7%
SINGAPORE 380CST FUEL OIL	SE	12	167	-92.8%	4	200.0%	1,303	1,834	-29.0%
SINGAPORE FUEL 180CST CAL	UA	3	0	0.0%	0	-	3	0	0.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	0.0%	0	0.0%	0	12	-100.0%
SINGAPORE FUEL OIL SPREAD	SD	45	0	0.0%	18	150.0%	102	0	0.0%
SINGAPORE GASOIL	MAF	77	292	-73.6%	51	51.0%	3,957	2,739	44.5%
SINGAPORE GASOIL	MTB	0	10	-100.0%	0	0.0%	196	52	276.9%

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Commodity		VOLUME OCT 2022	VOLUME OCT 2021	% CHG	VOLUME SEP 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Energy Futures									
SINGAPORE GASOIL	MTS	386	494	-21.9%	203	90.1%	3,368	3,654	-7.8%
SINGAPORE GASOIL	SBM	0	0	0.0%	0	0.0%	332	118	181.4%
SINGAPORE GASOIL CALENDAR	MSG	61	310	-80.3%	27	125.9%	1,246	8,111	-84.6%
SINGAPORE GASOIL SWAP	SG	15	586	-97.4%	0	0.0%	3,155	13,083	-75.9%
SINGAPORE GASOIL VS ICE	GA	0	600	-100.0%	0	0.0%	3,936	10,028	-60.7%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0.0%	3,725	1,990	87.2%
SINGAPORE JET KEROSENE SW	KS	0	640	-100.0%	0	0.0%	405	2,135	-81.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	0	0.0%	810	610	32.8%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	1,620	-100.0%	0	0.0%	600	6,556	-90.8%
Sumas Basis Swap	NK	0	0	0.0%	0	-	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	144	195	-26.2%	30	380.0%	438	300	46.0%
TC5 RAS TANURA TO YOKOHAM	TH	0	300	-100.0%	48	-100.0%	243	620	-60.8%
TCO BASIS SWAP	TC	0	0	0.0%	0	-	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	40	968	-95.9%	60	-33.3%	6,285	11,400	-44.9%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	-	0	0	0.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	0	0.0%	0	2,535	-100.0%
ULSD UP-DOWN BALMO SWP	1L	7,335	6,290	16.6%	1,675	337.9%	61,479	48,794	26.0%
UP DOWN GC ULSD VS NMX HO	LT	21,792	37,642	-42.1%	14,394	51.4%	264,227	347,739	-24.0%
WAHA BASIS	NW	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	44,545	77,017	-42.2%	38,465	15.8%	515,144	492,059	4.7%
WTI CALENDAR	CS	47,047	52,855	-11.0%	67,910	-30.7%	624,500	521,304	19.8%
WTI MIDLAND CRUDE OIL	WTL	600	0	0.0%	300	100.0%	900	2,655	-66.1%
WTS (ARGUS) VS WTI SWAP	FF	150	7,171	-97.9%	4,695	-96.8%	27,622	38,356	-28.0%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	700	-100.0%	7,035	6,075	15.8%
Energy Options									
BRENT CALENDAR SWAP	BA	144	171	-15.8%	0	0.0%	3,272	3,061	6.9%
BRENT CRUDE OIL 1 M CSO	9C	30,000	1,600	1,775.0%	0	0.0%	131,250	198,050	-33.7%
BRENT OIL LAST DAY	BE	13,600	32,872	-58.6%	5,600	142.9%	109,537	224,342	-51.2%
BRENT OIL LAST DAY	BZO	13,873	22,078	-37.2%	12,291	12.9%	178,089	240,690	-26.0%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	F2C	0	5	-100.0%	0	0.0%	390	1,390	-71.9%



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Energy Options									
COAL API2 INDEX	F2Q	0	75	-100.0%	0	0.0%	100	1,060	-90.6%
CRUDE OIL	6Y	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	WA	18,900	61,130	-69.1%	25,195	-25.0%	579,153	1,181,040	-51.0%
CRUDE OIL APO	AO	23,246	25,856	-10.1%	9,897	134.9%	208,954	318,998	-34.5%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	ECCL	4,173	0	-	1,428	192.2%	5,601	0	-
CRUDE OIL PHY	CD	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	LC	27,578	32,490	-15.1%	25,145	9.7%	355,461	119,586	197.2%
CRUDE OIL PHY	LO	2,283,507	2,939,865	-22.3%	2,099,884	8.7%	24,480,784	24,225,614	1.1%
CRUDE OIL PHY	LO1	37,459	14,208	163.6%	20,780	80.3%	318,432	185,904	71.3%
CRUDE OIL PHY	LO2	28,918	35,134	-17.7%	25,183	14.8%	243,508	165,991	46.7%
CRUDE OIL PHY	LO3	24,296	217	11,096.3%	13,018	86.6%	172,823	122,082	41.6%
CRUDE OIL PHY	LO4	29,882	29,357	1.8%	44,488	-32.8%	331,721	219,790	50.9%
CRUDE OIL PHY	LO5	0	37,540	-100.0%	31,914	-100.0%	76,069	79,307	-4.1%
CRUDE OIL PHY	MCO	11,020	0	-	11,974	-8.0%	39,081	0	-
CRUDE OIL PHY	MW1	1,332	0	-	670	98.8%	5,370	0	-
CRUDE OIL PHY	MW2	1,126	0	-	1,496	-24.7%	6,261	0	-
CRUDE OIL PHY	MW3	959	0	-	917	4.6%	3,390	0	-
CRUDE OIL PHY	MW4	1,049	0	-	1,419	-26.1%	7,472	0	-
CRUDE OIL PHY	MW5	0	0	-	1,756	-100.0%	3,293	0	-
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	CVR	1,430	6,281	-77.2%	1,454	-1.7%	28,769	30,327	-5.1%
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	FLO	0	0	-	0	0.0%	30	0	-
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	0.0%	0	0.0%	750	1,980	-62.1%
HEATING OIL PHY	FZ	0	0	0.0%	0	0.0%	0	2,225	-100.0%
HEATING OIL PHY	LB	0	252	-100.0%	0	0.0%	382	1,911	-80.0%
HEATING OIL PHY	OH	11,009	9,888	11.3%	8,053	36.7%	109,636	79,615	37.7%
HENRY HUB FINANCIAL LAST	E7	5,139	2,677	92.0%	1,665	208.6%	46,363	82,737	-44.0%
HENRY HUB FINANCIAL LAST	ECNG	3,243	0	-	2,807	15.5%	6,050	0	-
HO 1 MONTH CLNDR OPTIONS	FA	1,100	0	0.0%	0	0.0%	6,475	200	3,137.5%
LLS CRUDE OIL	HTO	0	0	-	0	0.0%	1,200	0	-
LLS CRUDE OIL	WTO	0	0	0.0%	1,200	-100.0%	4,500	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	0	0	0.0%	0	0.0%	0	540	-100.0%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	-	0	0	0.0%



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Commodity		VOLUME OCT 2022	VOLUME OCT 2021	% CHG	VOLUME SEP 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Energy Options									
NATURAL GAS	LN1	0	0	-	15	-100.0%	697	0	-
NATURAL GAS	LN2	0	0	-	792	-100.0%	1,502	0	-
NATURAL GAS	LN3	0	0	-	0	0.0%	1,072	0	-
NATURAL GAS	LN4	0	0	-	1	-100.0%	1,517	0	-
NATURAL GAS	LN5	0	0	-	0	0.0%	5	0	-
NATURAL GAS 1 M CSO FIN	G4	64,279	138,059	-53.4%	77,700	-17.3%	897,671	570,808	57.3%
NATURAL GAS 2 M CSO FIN	G2	0	2,700	-100.0%	0	0.0%	14,100	22,100	-36.2%
NATURAL GAS 3 M CSO FIN	G3	1,000	0	0.0%	41,740	-97.6%	351,290	247,994	41.7%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	46,250	13,400	245.1%
NATURAL GAS 6 M CSO FIN	G6	3,500	7,550	-53.6%	2,000	75.0%	90,900	107,900	-15.8%
NATURAL GAS OPT	JFO	150	0	-	0	0.0%	450	0	-
NATURAL GAS OPT	JKO	0	2,400	-100.0%	200	-100.0%	5,600	19,060	-70.6%
NATURAL GAS OPT	TFO	0	200	-100.0%	0	0.0%	700	153,770	-99.5%
NATURAL GAS OPTION ON CALENDAR STRP	6J	0	0	0.0%	0	0.0%	600	61,220	-99.0%
NATURAL GAS PHY	KD	300	1,295	-76.8%	2,750	-89.1%	14,630	20,450	-28.5%
NATURAL GAS PHY	LN	1,819,043	1,764,300	3.1%	1,448,308	25.6%	19,971,898	21,114,008	-5.4%
NATURAL GAS PHY	ON	60,158	79,162	-24.0%	54,840	9.7%	843,808	885,056	-4.7%
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	-	0	0	0.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	1,067	725	47.2%	1,487	-28.2%	19,945	9,663	106.4%
PETROCHEMICALS	4H	120	343	-65.0%	30	300.0%	3,314	9,512	-65.2%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	0	1,315	-100.0%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	0	180	-100.0%
PETRO OUTFRIGHT EURO	BCO	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT NA	1N5	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	DAP	0	150	-100.0%	0	0.0%	375	1,290	-70.9%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	300	0	-	500	-40.0%	3,350	0	-
RBOB CALENDAR SWAP	RA	12	84	-85.7%	16	-25.0%	3,585	1,274	181.4%
RBOB PHY	OB	1,167	7,625	-84.7%	7,148	-83.7%	39,384	75,671	-48.0%
RBOB PHY	RF	80	0	0.0%	30	166.7%	1,510	480	214.6%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	-	0	0	0.0%

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Commodity		VOLUME OCT 2022	VOLUME OCT 2021	% CHG	VOLUME SEP 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Energy Options									
SHORT TERM	U11	0	0	0.0%	0	0.0%	300	50	500.0%
SHORT TERM	U12	0	0	0.0%	0	0.0%	550	100	450.0%
SHORT TERM	U13	0	0	0.0%	0	0.0%	100	200	-50.0%
SHORT TERM	U14	0	300	-100.0%	0	0.0%	500	300	66.7%
SHORT TERM	U15	0	0	0.0%	50	-100.0%	50	350	-85.7%
SHORT TERM	U22	0	0	0.0%	150	-100.0%	350	0	0.0%
SHORT TERM	U23	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U24	100	0	0.0%	0	0.0%	100	100	0.0%
SHORT TERM	U25	0	0	0.0%	0	0.0%	400	300	33.3%
SHORT TERM	U26	0	0	0.0%	0	0.0%	200	75	166.7%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	250	225	11.1%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0.0%	0	650	-100.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	950	350	171.4%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	500	200	150.0%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	550	800	-31.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	925	325	184.6%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	200	50	300.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0.0%	0	300	-100.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0.0%	200	100	100.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	0	75	-100.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	0	150	-100.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	350	100	250.0%
SHORT TERM NATURAL GAS	U19	50	0	0.0%	0	0.0%	600	0	0.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	250	300	-16.7%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	950	300	216.7%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	0	50	-100.0%
SHORT TERM NATURAL GAS	U28	250	0	0.0%	0	0.0%	350	100	250.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	0	50	-100.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	100	250	-60.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	200	0	0.0%
WTI-BRENT BULLET SWAP	BV	28,800	27,500	4.7%	29,300	-1.7%	363,595	281,500	29.2%
WTI CRUDE OIL 1 M CSO FI	7A	48,200	61,105	-21.1%	47,400	1.7%	556,000	706,700	-21.3%

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Commodity		VOLUME OCT 2022	VOLUME OCT 2021	% CHG	VOIUME SEP 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Metals Futures									
COMEX GOLD	GC	3,998,867	4,119,014	-2.9%	4,530,210	-11.7%	45,587,676	49,260,796	-7.5%
NYMEX HOT ROLLED STEEL	HR	22,180	23,211	-4.4%	21,065	5.3%	222,460	209,280	6.3%
NYMEX PLATINUM	PL	415,982	299,521	38.9%	556,416	-25.2%	4,201,596	3,641,042	15.4%
PALLADIUM	PA	40,121	42,972	-6.6%	33,013	21.5%	450,287	482,409	-6.7%
URANIUM	UX	0	53	-100.0%	0	0.0%	24	1,183	-98.0%
COMEX SILVER	SI	1,346,715	1,184,346	13.7%	1,358,791	-0.9%	14,103,929	16,780,569	-16.0%
COMEX E-Mini GOLD	QO	45,577	18,826	142.1%	36,484	24.9%	320,033	226,549	41.3%
COMEX E-Mini SILVER	QI	4,378	3,776	15.9%	3,252	34.6%	38,364	59,142	-35.1%
COMEX COPPER	HG	1,821,218	1,786,103	2.0%	1,736,368	4.9%	17,754,471	21,444,394	-17.2%
COMEX MINY COPPER	QC	2,817	8,878	-68.3%	3,038	-7.3%	34,953	46,973	-25.6%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	174	-100.0%
ALUMINUM	AEP	1,346	1,714	-21.5%	661	103.6%	17,482	26,925	-35.1%
ALUMINUM	ALA	0	90	-100.0%	150	-100.0%	1,925	3,645	-47.2%
ALUMINUM	ALI	52,643	14,904	253.2%	55,476	-5.1%	321,195	116,081	176.7%
ALUMINUM	AUP	9,483	9,106	4.1%	6,792	39.6%	71,219	63,507	12.1%
ALUMINUM	CUP	0	0	0.0%	0	-	0	0	0.0%
ALUMINUM	EDP	9,623	4,592	109.6%	3,869	148.7%	52,082	33,344	56.2%
ALUMINUM	MJP	240	1,080	-77.8%	120	100.0%	3,100	3,170	-2.2%
COBALT METAL FUTURES	COB	2,709	180	1,405.0%	1,244	117.8%	11,003	2,949	273.1%
COPPER	HGS	1,785	213	738.0%	75	2,280.0%	16,298	22,701	-28.2%
COPPER	MHG	71,359	0	-	66,738	6.9%	417,140	0	-
FERROUS PRODUCTS	BUS	2,729	1,270	114.9%	2,865	-4.7%	26,059	14,825	75.8%
GOLD	4GC	0	0	0.0%	0	0.0%	0	116	-100.0%
GOLD	SGC	296	1,516	-80.5%	445	-33.5%	7,643	16,897	-54.8%
GOLD	SGU	502	11,390	-95.6%	2,461	-79.6%	52,889	58,043	-8.9%
HOT ROLLED COIL STEEL FUTURES	EHR	6,027	785	667.8%	5,231	15.2%	35,665	10,953	225.6%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE CHINA	TIO	880	608	44.7%	870	1.1%	13,413	9,386	42.9%
METALS	HDG	35	0	0.0%	125	-72.0%	652	143	355.9%
METALS	LTH	34	0	0.0%	24	41.7%	58	10	480.0%
METALS	PAC	0	0	-	0	0.0%	1,300	0	-
MICRO GOLD	MGC	941,893	1,054,682	-10.7%	1,047,637	-10.1%	10,680,912	11,922,754	-10.4%
SILVER	SIL	173,016	103,555	67.1%	170,902	1.2%	1,620,641	1,969,908	-17.7%

Metals Options



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Commodity		VOLUME OCT 2022	VOLUME OCT 2021	% CHG	VOLUME SEP 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Metals Options									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	0	2,250	-100.0%
ALUMINUM	AX	537	0	-	218	146.3%	755	0	-
COMEX COPPER	HX	81,947	64,872	26.3%	110,321	-25.7%	840,298	667,939	25.8%
COMEX GOLD	ECGC	2,350	0	-	2,310	1.7%	4,660	0	-
COMEX GOLD	OG	825,563	738,504	11.8%	845,430	-2.3%	8,464,517	7,004,607	20.8%
COMEX SILVER	ECSI	3,089	0	-	2,374	30.1%	5,463	0	-
COMEX SILVER	SO	143,722	97,239	47.8%	151,084	-4.9%	1,130,101	1,560,052	-27.6%
COPPER	ECHG	1,856	0	-	1,568	18.4%	3,424	0	-
COPPER	H1E	526	1	52,500.0%	219	140.2%	2,057	47	4,276.6%
COPPER	H1M	78	0	-	665	-88.3%	1,020	0	-
COPPER	H1W	101	0	-	200	-49.5%	1,241	0	-
COPPER	H2E	405	0	0.0%	178	127.5%	2,422	43	5,532.6%
COPPER	H2M	61	0	-	146	-58.2%	723	0	-
COPPER	H2W	168	0	-	46	265.2%	499	0	-
COPPER	H3E	269	9	2,888.9%	77	249.4%	2,123	33	6,333.3%
COPPER	H3M	80	0	-	92	-13.0%	751	0	-
COPPER	H3W	122	0	-	30	306.7%	371	0	-
COPPER	H4E	471	2	23,450.0%	94	401.1%	2,495	149	1,574.5%
COPPER	H4M	90	0	-	11	718.2%	403	0	-
COPPER	H4W	24	0	-	325	-92.6%	599	0	-
COPPER	H5E	0	5	-100.0%	231	-100.0%	710	7	10,042.9%
COPPER	H5M	141	0	-	0	0.0%	360	0	-
COPPER	H5W	0	0	-	0	0.0%	713	0	-
GOLD	G1M	5,929	0	-	9,174	-35.4%	25,513	0	-
GOLD	G1W	13,906	0	-	10,043	38.5%	46,148	0	-
GOLD	G2M	3,995	0	-	8,643	-53.8%	33,832	0	-
GOLD	G2W	8,988	0	-	9,308	-3.4%	35,525	0	-
GOLD	G3M	5,704	0	-	7,777	-26.7%	24,288	0	-
GOLD	G3W	5,134	0	-	12,095	-57.6%	39,722	0	-
GOLD	G4M	3,944	0	-	5,490	-28.2%	18,526	0	-
GOLD	G4W	518	0	-	6,020	-91.4%	22,670	0	-
GOLD	G5M	3,819	0	-	0	0.0%	8,464	0	-
GOLD	G5W	0	0	-	0	0.0%	14,006	0	-
GOLD	OG1	43,565	20,822	109.2%	26,027	67.4%	454,860	420,688	8.1%
GOLD	OG2	34,615	30,724	12.7%	29,279	18.2%	447,944	415,035	7.9%

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NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME OCT 2022	VOLUME OCT 2021	% CHG	VOIUME SEP 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Metals Options									
GOLD	OG3	42,155	35,476	18.8%	39,223	7.5%	469,414	415,921	12.9%
GOLD	OG4	26,927	33,232	-19.0%	47,012	-42.7%	388,820	272,423	42.7%
GOLD	OG5	0	33,864	-100.0%	39,404	-100.0%	117,605	123,602	-4.9%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	0.0%	0	-	0	0	0.0%
IRON ORE CHINA	ICT	0	150	-100.0%	0	0.0%	300	6,198	-95.2%
NYMEX HOT ROLLED STEEL	HRO	2,640	365	623.3%	1,050	151.4%	16,040	2,970	440.1%
NYMEX PLATINUM	PO	2,837	3,384	-16.2%	1,678	69.1%	48,502	30,415	59.5%
PALLADIUM	PAO	8	172	-95.3%	4	100.0%	135	6,562	-97.9%
SILVER	M1S	277	0	-	243	14.0%	1,207	0	-
SILVER	M2S	1,253	0	-	684	83.2%	3,455	0	-
SILVER	M3S	591	0	-	346	70.8%	1,780	0	-
SILVER	M4S	986	0	-	245	302.4%	1,987	0	-
SILVER	M5S	342	0	-	0	0.0%	544	0	-
SILVER	SO1	6,605	2,252	193.3%	3,231	104.4%	46,829	31,115	50.5%
SILVER	SO2	6,551	2,797	134.2%	2,652	147.0%	50,202	33,464	50.0%
SILVER	SO3	8,534	4,087	108.8%	4,398	94.0%	42,616	29,019	46.9%
SILVER	SO4	4,205	3,409	23.3%	3,226	30.3%	34,543	19,512	77.0%
SILVER	SO5	0	2,989	-100.0%	3,754	-100.0%	9,229	8,830	4.5%
SILVER	W1S	1,015	0	-	925	9.7%	3,184	0	-
SILVER	W2S	517	0	-	1,067	-51.5%	2,476	0	-
SILVER	W3S	573	0	-	453	26.5%	2,036	0	-
SILVER	W4S	2	0	-	110	-98.2%	660	0	-
SILVER	W5S	0	0	-	0	0.0%	756	0	-
TOTAL FUTURES GROUP									
Ag Products Futures		0	0	0.0%	0	0.0%	0	2	-100.0%
Energy Futures		32,987,429	47,540,693	-30.6%	33,934,217	-2.8%	380,077,290	408,240,023	-6.9%
Metals Futures		8,972,455	8,692,385	3.2%	9,644,322	-7.0%	96,064,469	106,427,868	-9.7%
TOTAL FUTURES		41,959,884	56,233,078	-25.4%	43,578,539	-3.7%	476,141,759	514,667,893	-7.5%

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Commodity	VOLUME OCT 2022	VOLUME OCT 2021	% CHG	VOIUME SEP 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
TOTAL OPTIONS GROUP								
Energy Options	4,601,559	5,345,194	-13.9%	4,062,691	13.3%	50,706,839	51,795,741	-2.1%
Metals Options	1,297,735	1,074,355	20.8%	1,389,180	-6.6%	12,879,523	11,050,881	16.5%
TOTAL OPTIONS	5,899,294	6,419,549	-8.1%	5,451,871	8.2%	63,586,362	62,846,622	1.2%
TOTAL COMBINED								
Ag Products	0	0	0.0%	0	-	0	2	-100.0%
Energy	37,588,988	52,885,887	-28.9%	37,996,908	-1.1%	430,784,129	460,035,764	-6.4%
Metals	10,270,190	9,766,740	5.2%	11,033,502	-6.9%	108,943,992	117,478,749	-7.3%
GRAND TOTAL	47,859,178	62,652,627	-23.6%	49,030,410	-2.4%	539,728,121	577,514,515	-6.5%