



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME OCT 2021	VOLUME OCT 2020	% CHG	VOLUME SEP 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Ag Products Futures									
COCOA TAS	CJ	0	0	0.0%	0	-	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	0.0%	2	2	0.0%
COTTON	TT	0	27	-100.0%	0	0.0%	0	57	-100.0%
SUGAR 11	YO	0	0	0.0%	0	0.0%	0	10	-100.0%
Energy Futures									
CRUDE OIL PHY	CL	24,524,061	17,062,994	43.7%	18,937,675	29.5%	208,002,244	241,065,935	-13.7%
CRUDE OIL	WS	0	10,000	-100.0%	0	0.0%	3,732	21,422	-82.6%
MINY WTI CRUDE OIL	QM	431,708	306,991	40.6%	337,945	27.7%	4,162,875	6,255,238	-33.4%
BRENT OIL LAST DAY	BZ	2,115,787	1,658,649	27.6%	1,876,311	12.8%	20,246,245	22,651,541	-10.6%
HEATING OIL PHY	HO	3,886,372	3,714,639	4.6%	3,558,345	9.2%	32,089,307	37,606,857	-14.7%
HTG OIL	BH	12	0	0.0%	0	0.0%	124	108	14.8%
MINY HTG OIL	QH	4	8	-50.0%	5	-20.0%	61	52	17.3%
RBOB PHY	RB	3,996,121	3,635,087	9.9%	4,001,548	-0.1%	40,389,085	39,667,916	1.8%
MINY RBOB GAS	QU	7	10	-30.0%	7	0.0%	86	70	22.9%
NATURAL GAS	HP	265,311	164,899	60.9%	275,460	-3.7%	1,630,130	1,590,250	2.5%
LTD NAT GAS	HH	404,290	409,929	-1.4%	444,844	-9.1%	3,369,484	2,677,807	25.8%
MINY NATURAL GAS	QG	529,394	207,566	155.0%	367,665	44.0%	1,784,819	1,262,855	41.3%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	9,021,205	9,313,292	-3.1%	10,407,473	-13.3%	82,363,332	102,859,992	-19.9%
RBOB GAS	RT	24	12	100.0%	0	0.0%	84	84	0.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0.0%	0	20	-100.0%
3.5% FUEL OIL CIF BALMO S	8D	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%
ANR OKLAHOMA	NE	0	0	0.0%	0	-	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	5,370	7,020	-23.5%	16,140	-66.7%	87,347	57,005	53.2%
ARGUS PROPAN FAR EST INDE	7E	8,271	6,125	35.0%	7,859	5.2%	61,798	52,423	17.9%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,271	2,777	-18.2%	2,158	5.2%	18,243	22,998	-20.7%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	300	-100.0%	1,314	1,406	-6.5%
BRENT CALENDAR SWAP	CY	6,171	10,014	-38.4%	25,890	-76.2%	99,188	74,136	33.8%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0.0%	4,000	2,200	81.8%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0.0%	0	185	-100.0%



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Energy Futures									
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	68	260	-73.8%
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%
CAR VINTAGE	GEO	1,956	0	-	2,432	-19.6%	9,482	0	-
CAR VINTAGE	NGO	4,169	0	-	3,004	38.8%	18,238	0	-
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	83,120	67,166	23.8%	64,709	28.5%	734,707	750,626	-2.1%
CHICAGO ULSD PL VS HO SPR	5C	135	50	170.0%	75	80.0%	3,697	7,047	-47.5%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0.0%	425	1,290	-67.1%
CIG BASIS	CI	0	0	0.0%	0	0.0%	0	0	0.0%
CINERGY HUB OFF-PEAK MONT	EJ	0	0	0.0%	0	-	0	0	0.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0.0%	0	1,346	-100.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	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	0.0%
COAL SWAP	ACM	0	0	0.0%	0	-	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	113	106	6.6%	40	182.5%	3,258	2,680	21.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	475	457	3.9%	359	32.3%	2,982	4,053	-26.4%
CONWAY PROPANE 5 DECIMALS SWAP	8K	16,141	12,913	25.0%	21,563	-25.1%	148,594	165,807	-10.4%
CRUDE OIL	LPS	0	0	0.0%	0	0.0%	0	4,295	-100.0%
CRUDE OIL LAST DAY	26	266	0	0.0%	39	582.1%	2,673	695	284.6%
CRUDE OIL OUTRIGHTS	42	129	150	-14.0%	572	-77.4%	3,033	12,514	-75.8%
CRUDE OIL OUTRIGHTS	CC5	480	1,110	-56.8%	255	88.2%	9,906	5,306	86.7%
CRUDE OIL OUTRIGHTS	CSW	30	3,709	-99.2%	90	-66.7%	14,019	3,904	259.1%
CRUDE OIL OUTRIGHTS	DAB	0	0	0.0%	0	0.0%	0	340	-100.0%
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	10	-100.0%	60	-100.0%	2,464	2,720	-9.4%
CRUDE OIL OUTRIGHTS	HTT	77,908	53,310	46.1%	62,045	25.6%	606,520	761,241	-20.3%
CRUDE OIL OUTRIGHTS	LSW	585	2,211	-73.5%	2,394	-75.6%	10,282	9,307	10.5%
CRUDE OIL OUTRIGHTS	WCW	3,030	1,450	109.0%	3,465	-12.6%	34,342	24,115	42.4%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	1,154	-100.0%	0	0.0%	20,147	38,478	-47.6%
CRUDE OIL PHY	MCL	1,296,285	0	-	1,108,408	17.0%	4,638,398	0	-
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
CRUDE OIL SPRDS	ANT	660	0	0.0%	1,050	-37.1%	4,147	1,330	211.8%
CRUDE OIL SPRDS	HIL	250	9,546	-97.4%	0	0.0%	5,350	32,532	-83.6%
CRUDE OIL SPRDS	WTT	43,423	10,488	314.0%	9,612	351.8%	253,198	226,830	11.6%
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%
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	0.0%
DAILY PJM	PNP	0	0	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	640	-100.0%
DATED TO FRONTLINE BRENT	FY	900	0	0.0%	600	50.0%	2,715	244	1,012.7%
DIESEL 10P BRG FOB RDM VS	7X	0	0	-	0	0.0%	30	0	-
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	-	0	0	0.0%
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	300	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0.0%	0	10,650	-100.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	9,556	39,210	-75.6%	25,741	-62.9%	431,669	340,788	26.7%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	36	1,965	-98.2%	321	-88.8%	4,339	9,245	-53.1%
ELEC FINSETTLED	47	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC MISO PEAK	4L	0	0	0.0%	0	-	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	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	0.0%
ETHANOL	MTH	0	20	-100.0%	0	0.0%	10	60	-83.3%
ETHANOL	Z1B	0	0	0.0%	0	-	0	0	0.0%
ETHANOL SWAP	MT2	220	80	175.0%	430	-48.8%	1,813	1,438	26.1%

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Energy Futures									
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	4,932	4,511	9.3%	5,282	-6.6%	36,941	41,296	-10.5%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	-	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	KR	30	0	0.0%	10	200.0%	46	65	-29.2%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0.0%	0	22	-100.0%
EURO GASOIL 10PPM VS ICE	ET	1,187	0	0.0%	597	98.8%	2,767	75	3,589.3%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	84	0	0.0%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0.0%	13	37	-64.9%
EUROPE 3.5% FUEL OIL RDAM	UV	46	12	283.3%	100	-54.0%	442	2,372	-81.4%
EUROPEAN GASOIL (ICE)	7F	2,606	0	0.0%	902	188.9%	7,982	307	2,500.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	23	-100.0%	43	83	-48.2%
EUROPEAN NAPHTHA CRACK SPR	EN	1,529	1,021	49.8%	5,438	-71.9%	16,426	13,216	24.3%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	710	70	914.3%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	20	0	0.0%
EURO NAPHTHA CALSWAP	UN	771	488	58.0%	579	33.2%	6,079	4,996	21.7%
EURO PROPANE CIF ARA SWA	PS	1,975	1,284	53.8%	2,345	-15.8%	15,426	16,527	-6.7%
FREIGHT MARKETS	ACB	0	0	0.0%	0	0.0%	0	735	-100.0%
FREIGHT MARKETS	BF1	0	0	0.0%	0	0.0%	0	15	-100.0%
FREIGHT MARKETS	BF2	0	110	-100.0%	0	0.0%	119	1,257	-90.5%
FREIGHT MARKETS	BF3	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	BL2	105	0	-	70	50.0%	235	0	-
FREIGHT MARKETS	FLJ	10	0	-	15	-33.3%	92	0	-
FREIGHT MARKETS	FLP	20	140	-85.7%	4	400.0%	614	2,299	-73.3%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	70	40	75.0%
FREIGHT MARKETS	FRS	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	T2D	309	30	930.0%	200	54.5%	784	1,818	-56.9%
FREIGHT MARKETS	T7C	0	115	-100.0%	0	0.0%	0	250	-100.0%
FREIGHT MARKETS	T8C	0	0	-	0	0.0%	10	0	-
FREIGHT MARKETS	TD3	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TD8	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	USC	0	0	0.0%	0	0.0%	0	90	-100.0%
FREIGHT MARKETS	USE	0	725	-100.0%	0	0.0%	90	785	-88.5%
FUEL OIL CRACK VS ICE	FO	60	70	-14.3%	255	-76.5%	2,203	2,580	-14.6%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	72	0	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	-	0	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0.0%	0	51	-100.0%
GAS EURO-BOB OXY NWE BARGES	7H	790	712	11.0%	938	-15.8%	6,877	14,186	-51.5%
GAS EURO-BOB OXY NWE BARGES CRK	7K	6,252	2,793	123.8%	8,193	-23.7%	52,285	57,236	-8.7%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	-	0	0.0%	60	0	-
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0.0%	42	0	0.0%
GASOIL 0.1 ROTTERDAM BARG	VL	15	15	0.0%	15	0.0%	163	100	63.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	GX	304	23	1,221.7%	280	8.6%	1,422	289	392.0%
GASOIL CRACK SPREAD CALEN	GZ	1,518	21	7,128.6%	4,447	-65.9%	15,811	12,428	27.2%
GASOIL MINI CALENDAR SWAP	QA	295	465	-36.6%	335	-11.9%	3,453	5,630	-38.7%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	46	0	0.0%	108	-57.4%	238	9,952	-97.6%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	-	0	0	0.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	6,310	1,932	226.6%	2,120	197.6%	43,935	35,388	24.2%
GRP THREE UNL GS (PLT) VS	A8	2,250	2,060	9.2%	3,075	-26.8%	26,294	26,178	0.4%
GULF COAST 3% FUEL OIL BA	VZ	0	375	-100.0%	0	0.0%	712	2,941	-75.8%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0.0%	0	3,153	-100.0%
GULF COAST JET VS NYM 2 H	ME	16,948	15,079	12.4%	20,356	-16.7%	212,707	177,471	19.9%
GULF COAST NO.6 FUEL OIL	MF	305	5,022	-93.9%	1,399	-78.2%	18,214	112,499	-83.8%
GULF COAST NO.6 FUEL OIL	MG	9,400	0	0.0%	7,025	33.8%	24,738	482	5,032.4%
GULF COAST ULSD CALENDAR	LY	0	1,914	-100.0%	261	-100.0%	4,138	9,729	-57.5%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	1,410	-100.0%
HEATING OIL BALMO CLNDR S	1G	394	100	294.0%	200	97.0%	2,905	1,417	105.0%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	2,450	0	0.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0.0%	0	6,680	-100.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	0.0%	0	75	-100.0%
HENRY HUB INDEX SWAP FUTU	IN	0	0	0.0%	0	0.0%	0	8,392	-100.0%
HENRY HUB SWAP	NN	19,717	52,614	-62.5%	41,073	-52.0%	327,641	705,166	-53.5%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	155	430	-64.0%	499	-68.9%	5,604	32,835	-82.9%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	0.0%	46	0	-
INDIANA MISO	FAD	0	0	0.0%	0	-	0	0	0.0%



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Energy Futures									
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	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	200	-100.0%	0	0.0%	1,124	1,921	-41.5%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	0	150	-100.0%
JAPAN C&F NAPHTHA SWAP	JA	30	33	-9.1%	83	-63.9%	622	1,670	-62.8%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	12	-100.0%	12	33	-63.6%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	-	0	0	0.0%
JET CIF NWE VS ICE	JC	45	0	0.0%	161	-72.0%	1,364	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	-	0	0	0.0%
JET FUEL UP-DOWN BALMO CL	1M	1,255	1,095	14.6%	3,365	-62.7%	15,839	17,468	-9.3%
JKM LNG Futures	JKM	192	5,650	-96.6%	680	-71.8%	5,593	19,228	-70.9%
LA CARB DIESEL (OPIS) SWA	KL	130	0	0.0%	55	136.4%	1,945	2,517	-22.7%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	625	-64.0%
LA JET (OPIS) SWAP	JS	1,025	225	355.6%	775	32.3%	5,020	5,665	-11.4%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	600	240	150.0%	0	0.0%	2,450	7,355	-66.7%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	0.0%	0	15	-100.0%
MARS (ARGUS) VS WTI SWAP	YX	300	120	150.0%	150	100.0%	1,750	2,600	-32.7%
MARS (ARGUS) VS WTI TRD M	YV	18,893	9,666	95.5%	15,985	18.2%	184,891	156,766	17.9%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0.0%	0	100	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	18,699	23,473	-20.3%	18,303	2.2%	137,862	206,688	-33.3%
MCCLOSKEY RCH BAY COAL	MFF	1,072	494	117.0%	1,316	-18.5%	9,039	9,625	-6.1%
MGF FUT	MGF	0	0	0.0%	0	-	0	0	0.0%
MGN1 SWAP FUT	MGN	0	20	-100.0%	0	0.0%	0	270	-100.0%
MICHIGAN BASIS	NF	0	0	0.0%	0	0.0%	0	0	0.0%
MICHIGAN MISO	HMO	0	0	0.0%	0	-	0	0	0.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	0	334	-100.0%	17	-100.0%	125	739	-83.1%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	391	1,691	-76.9%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	429	834	-48.6%	494	-13.2%	5,819	7,146	-18.6%
MJC FUT	MJC	0	0	0.0%	0	0.0%	50	0	0.0%
MNC FUT	MNC	1,111	360	208.6%	1,454	-23.6%	8,354	10,951	-23.7%
MONT BELVIEU ETHANE 5 DECIMAL	C0	41,445	36,783	12.7%	34,536	20.0%	292,253	265,067	10.3%
MONT BELVIEU ETHANE OPIS BALMO	8C	4,571	710	543.8%	665	587.4%	8,398	3,463	142.5%

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Energy Futures									
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	225,161	170,009	32.4%	238,106	-5.4%	1,885,450	1,719,869	9.6%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	3,076	3,792	-18.9%	3,917	-21.5%	31,873	23,184	37.5%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	13,249	11,726	13.0%	17,636	-24.9%	145,847	297,716	-51.0%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	710	350	102.9%	1,305	-45.6%	6,465	9,260	-30.2%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	63,912	67,561	-5.4%	88,868	-28.1%	553,135	676,937	-18.3%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,469	1,897	-22.6%	1,636	-10.2%	12,816	13,630	-6.0%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	57,376	132,314	-56.6%	68,856	-16.7%	542,734	645,078	-15.9%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	0	13,992	-100.0%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	0	768	-100.0%
NEPOOL NE MASS 5MW D AH O	P8	0	0	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	0.0%
NEW ENGLAND HUB PEAK DAIL	CE	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	420	135	211.1%	195	115.4%	1,570	6,819	-77.0%
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	0.0%
NGPL TEX/OK	PD	0	0	0.0%	0	0.0%	0	0	0.0%
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	225	-100.0%
NORTHEN NATURAL GAS DEMAR	PE	0	0	0.0%	0	-	0	0	0.0%
NORTHEN NATURAL GAS VENTU	PF	0	0	0.0%	0	-	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	-	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0.0%	0	2,568	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	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	1,889	1,617	16.8%	1,741	8.5%	10,104	31,965	-68.4%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	1,570	0	0.0%
NY HARBOR RESIDUAL FUEL 1	MM	325	195	66.7%	350	-7.1%	2,224	7,333	-69.7%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	-	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	2,234	0	0.0%	1,380	61.9%	16,483	7,776	112.0%
NYISO CAPACITY	LHV	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	NNC	0	0	0.0%	0	-	0	0	0.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH PK	K3	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	0.0%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ALUMINUM FUTURES	AN	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	UY	0	0	0.0%	0	0.0%	0	700	-100.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	600	13	4,515.4%	0	0.0%	650	4,909	-86.8%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	0	56	-100.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	286	194	47.4%	274	4.4%	1,703	1,242	37.1%
PETROCHEMICALS	32	137	33	315.2%	49	179.6%	617	730	-15.5%
PETROCHEMICALS	3NA	21	6	250.0%	6	250.0%	149	34	338.2%
PETROCHEMICALS	51	0	0	0.0%	0	0.0%	0	21	-100.0%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	147	60	145.0%
PETROCHEMICALS	8I	1,356	650	108.6%	1,015	33.6%	11,935	8,843	35.0%
PETROCHEMICALS	91	691	448	54.2%	540	28.0%	3,944	3,285	20.1%
PETROCHEMICALS	MAA	130	0	0.0%	60	116.7%	425	1,295	-67.2%
PETROCHEMICALS	MAE	2,135	610	250.0%	1,432	49.1%	9,260	7,142	29.7%
PETROCHEMICALS	MAS	1,265	250	406.0%	250	406.0%	3,655	3,016	21.2%
PETROCHEMICALS	MBE	170	120	41.7%	0	0.0%	650	2,100	-69.0%
PETROCHEMICALS	MNB	0	0	0.0%	147	-100.0%	2,039	1,694	20.4%
PETROCHEMICALS	MPS	317	211	50.2%	424	-25.2%	3,737	3,539	5.6%
PETROCHEMICALS	PMF	0	0	-	5	-100.0%	9	0	-
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	75	-100.0%	0	0.0%	0	375	-100.0%
PETRO CRCKS & SPRDS NA	CRB	25,087	14,517	72.8%	23,129	8.5%	210,326	167,581	25.5%
PETRO CRCKS & SPRDS NA	EXR	618	604	2.3%	542	14.0%	6,285	10,656	-41.0%
PETRO CRCKS & SPRDS NA	FOC	0	100	-100.0%	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS NA	GBB	0	130	-100.0%	55	-100.0%	655	3,776	-82.7%



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Energy Futures									
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0.0%	0	405	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	100	-100.0%	0	0.0%	370	5,882	-93.7%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	GCU	0	268	-100.0%	0	0.0%	880	15,423	-94.3%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	460	-100.0%	460	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	575	465	23.7%	1,705	-66.3%	3,880	8,975	-56.8%
PETRO CRCKS & SPRDS NA	MFR	0	0	-	0	0.0%	145	0	-
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	2,687	1,462	83.8%	375	616.5%	15,114	32,474	-53.5%
PETRO CRCKS & SPRDS NA	RVG	0	3,645	-100.0%	150	-100.0%	11,370	58,541	-80.6%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0.0%	383	3,085	-87.6%
PETRO CRK&SPRD EURO	43	0	9	-100.0%	0	0.0%	21	44	-52.3%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	207	0	0.0%	332	-37.7%	1,180	403	192.8%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0.0%	5	31	-83.9%
PETRO CRK&SPRD EURO	EPN	456	372	22.6%	698	-34.7%	5,141	3,989	28.9%
PETRO CRK&SPRD EURO	EVC	60	0	0.0%	203	-70.4%	836	203	311.8%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0.0%	0	44	-100.0%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	10	0	0.0%	0	0.0%	70	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0.0%	0	130	-100.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0.0%	0	5	-100.0%
PETRO CRK&SPRD EURO	NOB	11	0	0.0%	196	-94.4%	483	400	20.7%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	1NM	0	100	-100.0%	30	-100.0%	717	1,084	-33.9%
PETROLEUM PRODUCTS	BEB	0	0	-	0	0.0%	3	0	-
PETROLEUM PRODUCTS	BEF	0	0	-	2	-100.0%	3	0	-
PETROLEUM PRODUCTS	CMS	300	0	-	60	400.0%	730	0	-
PETROLEUM PRODUCTS	EWG	1,538	50	2,976.0%	988	55.7%	4,948	4,745	4.3%
PETROLEUM PRODUCTS	H5F	0	70	-100.0%	0	0.0%	60	3,113	-98.1%
PETROLEUM PRODUCTS	JCC	650	225	188.9%	97	570.1%	2,150	2,510	-14.3%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	0	160	-100.0%

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Energy Futures									
PETROLEUM PRODUCTS	MPE	0	0	-	0	0.0%	14	0	-
PETROLEUM PRODUCTS	NCC	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	R5E	5	0	0.0%	0	0.0%	5	2	150.0%
PETROLEUM PRODUCTS	R5F	86	19	352.6%	42	104.8%	442	131	237.4%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0.0%	0	41	-100.0%
PETROLEUM PRODUCTS	UCS	0	0	0.0%	0	0.0%	0	65	-100.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	30	295	-89.8%	0	0.0%	341	1,443	-76.4%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0.0%	10	80	-87.5%
PETROLEUM PRODUCTS ASIA	MJN	491	100	391.0%	255	92.5%	2,614	6,985	-62.6%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	0B	0	0	0.0%	0	0.0%	223	100	123.0%
PETRO OUTFRIGHT EURO	0C	0	0	0.0%	0	0.0%	75	0	0.0%
PETRO OUTFRIGHT EURO	0D	56	59	-5.1%	39	43.6%	876	2,515	-65.2%
PETRO OUTFRIGHT EURO	0E	0	0	0.0%	0	0.0%	20	0	0.0%
PETRO OUTFRIGHT EURO	0F	0	40	-100.0%	0	0.0%	9	613	-98.5%
PETRO OUTFRIGHT EURO	1T	0	0	0.0%	0	0.0%	20	0	0.0%
PETRO OUTFRIGHT EURO	5L	0	0	0.0%	0	0.0%	0	64	-100.0%
PETRO OUTFRIGHT EURO	63	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTFRIGHT EURO	7I	0	25	-100.0%	0	0.0%	50	135	-63.0%
PETRO OUTFRIGHT EURO	7R	20	11	81.8%	5	300.0%	62	127	-51.2%
PETRO OUTFRIGHT EURO	88	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	CBB	0	5	-100.0%	0	0.0%	33	70	-52.9%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	0.0%	0	22	-100.0%
PETRO OUTFRIGHT EURO	CPB	60	147	-59.2%	167	-64.1%	3,482	1,856	87.6%
PETRO OUTFRIGHT EURO	EFF	0	0	0.0%	0	0.0%	0	40	-100.0%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	0.0%	12	0	0.0%
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	EWN	434	0	0.0%	240	80.8%	2,007	195	929.2%
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	0.0%	5	0	0.0%
PETRO OUTFRIGHT EURO	GNO	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO OUTFRIGHT EURO	H5G	0	0	0.0%	0	0.0%	0	270	-100.0%
PETRO OUTFRIGHT EURO	JFB	0	0	0.0%	0	0.0%	10	9	11.1%
PETRO OUTFRIGHT EURO	M1B	851	670	27.0%	999	-14.8%	12,692	6,764	87.6%
PETRO OUTFRIGHT EURO	M35	0	0	0.0%	0	-	0	0	0.0%

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Energy Futures									
PETRO OUTFRIGHT EURO	MBB	0	0	0.0%	30	-100.0%	240	30	700.0%
PETRO OUTFRIGHT EURO	MBN	284	110	158.2%	105	170.5%	3,550	3,066	15.8%
PETRO OUTFRIGHT EURO	MEF	60	195	-69.2%	56	7.1%	2,337	1,414	65.3%
PETRO OUTFRIGHT EURO	MQA	35	0	-	30	16.7%	65	0	-
PETRO OUTFRIGHT EURO	R53	35	0	0.0%	32	9.4%	127	157	-19.1%
PETRO OUTFRIGHT EURO	R5B	0	0	0.0%	0	0.0%	56	10	460.0%
PETRO OUTFRIGHT EURO	R5M	1,880	327	474.9%	1,834	2.5%	11,740	3,947	197.4%
PETRO OUTFRIGHT EURO	R5O	649	1,158	-44.0%	597	8.7%	7,016	8,671	-19.1%
PETRO OUTFRIGHT EURO	RBM	0	0	0.0%	7	-100.0%	34	59	-42.4%
PETRO OUTFRIGHT EURO	S5B	0	0	0.0%	0	0.0%	5	6	-16.7%
PETRO OUTFRIGHT EURO	S5F	85	31	174.2%	101	-15.8%	1,080	1,030	4.9%
PETRO OUTFRIGHT EURO	S5M	2,005	1,409	42.3%	2,250	-10.9%	17,417	14,839	17.4%
PETRO OUTFRIGHT EURO	S5O	1,903	744	155.8%	961	98.0%	11,143	7,361	51.4%
PETRO OUTFRIGHT EURO	SMU	200	0	0.0%	0	0.0%	1,400	0	0.0%
PETRO OUTFRIGHT EURO	T0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	T2B	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTFRIGHT EURO	TLB	25	0	-	0	-	25	0	-
PETRO OUTFRIGHT EURO	TMB	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	ULB	0	0	0.0%	0	0.0%	0	15	-100.0%
PETRO OUTFRIGHT EURO	UNB	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO OUTFRIGHT EURO	V0	132	0	0.0%	150	-12.0%	450	0	0.0%
PETRO OUTFRIGHT NA	A8B	215	0	-	75	186.7%	1,090	0	-
PETRO OUTFRIGHT NA	AB6	145	440	-67.0%	50	190.0%	1,930	997	93.6%
PETRO OUTFRIGHT NA	BCR	3,042	710	328.5%	1,575	93.1%	18,507	2,035	809.4%
PETRO OUTFRIGHT NA	DBB	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO OUTFRIGHT NA	FCB	32	0	0.0%	0	-	32	0	0.0%
PETRO OUTFRIGHT NA	H5B	0	0	0.0%	0	0.0%	0	1,834	-100.0%
PETRO OUTFRIGHT NA	JE	0	0	0.0%	0	0.0%	275	855	-67.8%
PETRO OUTFRIGHT NA	JET	450	90	400.0%	1,550	-71.0%	4,025	7,015	-42.6%
PETRO OUTFRIGHT NA	JTB	0	90	-100.0%	340	-100.0%	665	2,105	-68.4%
PETRO OUTFRIGHT NA	MBL	282	0	0.0%	0	0.0%	671	137	389.8%
PETRO OUTFRIGHT NA	MEN	95	0	0.0%	87	9.2%	627	558	12.4%
PETRO OUTFRIGHT NA	MEO	294	1,397	-79.0%	401	-26.7%	4,569	12,291	-62.8%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	38	-100.0%
PETRO OUTFRIGHT NA	MMF	0	0	0.0%	0	0.0%	65	70	-7.1%



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Energy Futures									
PJM AD HUB 5MW REAL TIME	V3	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%	
PJM BGE DA OFF-PEAK	R3	0	0.0%	0	-	0	0	0.0%	
PJM BGE DA PEAK	E3	0	0.0%	0	-	0	0	0.0%	
PJM COMED 5MW D AH O PK	D9	0	0.0%	0	-	0	0	0.0%	
PJM COMED 5MW D AH PK	D8	0	0.0%	0	-	0	0	0.0%	
PJM DAILY	JD	0	0.0%	0	0.0%	0	0	0.0%	
PJM DAYTON DA OFF-PEAK	R7	0	0.0%	0	0.0%	0	0	0.0%	
PJM DAYTON DA PEAK	D7	0	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%	
PJM NI HUB 5MW REAL TIME	B6	0	0.0%	0	0.0%	0	0	0.0%	
PJM NILL DA OFF-PEAK	L3	0	0.0%	0	-	0	0	0.0%	
PJM NILL DA PEAK	N3	0	0.0%	0	-	0	0	0.0%	
PJM OFF-PEAK LMP SWAP FUT	JP	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	0.0%	
PJM PSEG DA OFF-PEAK	W6	0	0.0%	0	0.0%	0	0	0.0%	
PJM PSEG DA PEAK	L6	0	0.0%	0	0.0%	0	0	0.0%	
PJM WESTH DA OFF-PEAK	E4	0	0.0%	0	0.0%	0	0	0.0%	
PJM WESTHDA PEAK	J4	0	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%	
PJM WESTH RT PEAK	L1	0	0.0%	0	0.0%	0	15,814	-100.0%	
PLASTICS	PGP	1,421	79.0%	1,556	-8.7%	13,241	10,965	20.8%	
PREMIUM UNLND 10P FOB MED	3G	180	0.0%	0	0.0%	185	158	17.1%	
PREMIUM UNLEAD 10PPM FOB	8G	0	0.0%	0	-	0	0	0.0%	
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0.0%	0	-	0	0	0.0%	
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0.0%	0	-	0	0	0.0%	
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	915	3,254	-71.9%	1,195	-23.4%	13,566	17,478	-22.4%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	12,554	28,348	-55.7%	12,040	4.3%	159,496	245,672	-35.1%
RBOB CALENDAR SWAP	RL	7,310	4,125	77.2%	7,532	-2.9%	68,840	55,613	23.8%
RBOB CRACK SPREAD	RM	3,099	415	646.7%	1,170	164.9%	21,124	11,290	87.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	-	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	713	304	134.5%	1,885	-62.2%	8,002	5,601	42.9%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	200	-100.0%	0	0.0%	1,105	5,665	-80.5%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Futures									
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0.0%	0	41	-100.0%
SINGAPORE 380CST BALMO	BT	13	0	0.0%	10	30.0%	23	39	-41.0%
SINGAPORE 380CST FUEL OIL	SE	167	228	-26.8%	154	8.4%	1,834	2,297	-20.2%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0.0%	0	215	-100.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	12	-100.0%	12	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0.0%	0	80	-100.0%
SINGAPORE GASOIL	MAF	292	155	88.4%	335	-12.8%	2,739	2,014	36.0%
SINGAPORE GASOIL	MTB	10	0	0.0%	0	0.0%	52	62	-16.1%
SINGAPORE GASOIL	MTS	494	126	292.1%	400	23.5%	3,654	3,335	9.6%
SINGAPORE GASOIL	SBM	0	79	-100.0%	25	-100.0%	118	446	-73.5%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MSG	310	148	109.5%	961	-67.7%	8,111	7,218	12.4%
SINGAPORE GASOIL SWAP	SG	586	567	3.4%	1,584	-63.0%	13,083	8,544	53.1%
SINGAPORE GASOIL VS ICE	GA	600	0	0.0%	1,245	-51.8%	10,028	282	3,456.0%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	0	345	-100.0%
SINGAPORE JET KERO GASOIL	RK	0	575	-100.0%	600	-100.0%	1,990	575	246.1%
SINGAPORE JET KEROSENE SW	KS	640	65	884.6%	410	56.1%	2,135	6,183	-65.5%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	300	-100.0%	610	175	248.6%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	1,620	0	0.0%	692	134.1%	6,556	24,280	-73.0%
SING FUEL	MSD	0	0	0.0%	0	-	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	195	0	0.0%	0	0.0%	300	45	566.7%
TC5 RAS TANURA TO YOKOHAM	TH	300	0	0.0%	140	114.3%	620	140	342.9%
TCO BASIS SWAP	TC	0	0	0.0%	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	968	2,629	-63.2%	375	158.1%	11,400	22,190	-48.6%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0.0%	0	1,057	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	-	0	0	0.0%
UCM FUT	UCM	0	0	0.0%	0	-	0	0	0.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	30	-100.0%	0	0.0%	2,535	2,340	8.3%
ULSD UP-DOWN BALMO SWP	1L	6,290	2,992	110.2%	3,670	71.4%	48,794	51,776	-5.8%
UP DOWN GC ULSD VS NMX HO	LT	37,642	36,503	3.1%	44,229	-14.9%	347,739	463,607	-25.0%

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Energy Futures									
WAHA BASIS	NW	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	77,017	21,037	266.1%	83,105	-7.3%	492,059	373,314	31.8%
WTI CALENDAR	CS	52,855	48,919	8.0%	45,917	15.1%	521,304	598,200	-12.9%
WTI MIDLAND CRUDE OIL	WTL	0	0	0.0%	0	0.0%	2,655	300	785.0%
WTS (ARGUS) VS WTI SWAP	FF	7,171	1,775	304.0%	490	1,363.5%	38,356	55,150	-30.5%
WTS (ARGUS) VS WTI TRD MT	FH	0	1,008	-100.0%	225	-100.0%	6,075	12,317	-50.7%
Energy Options									
BRENT CALENDAR SWAP	BA	171	0	0.0%	18	850.0%	3,061	7,530	-59.3%
BRENT CRUDE OIL 1 M CSO	9C	1,600	0	0.0%	18,000	-91.1%	198,050	35,575	456.7%
BRENT OIL LAST DAY	BE	32,872	35,440	-7.2%	38,328	-14.2%	224,342	363,795	-38.3%
BRENT OIL LAST DAY	BZO	22,078	64,758	-65.9%	12,393	78.1%	240,690	484,651	-50.3%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	0	25	-100.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	CQA	0	0	0.0%	0	-	0	0	0.0%
COAL API2 INDEX	F2C	5	0	-	455	-98.9%	1,390	0	-
COAL API2 INDEX	F2Q	75	0	-	0	0.0%	1,060	0	-
CRUDE OIL	6Y	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	WA	61,130	147,700	-58.6%	52,880	15.6%	1,181,040	1,920,932	-38.5%
CRUDE OIL APO	AO	25,856	37,704	-31.4%	35,896	-28.0%	318,998	511,707	-37.7%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	50	-100.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0.0%	0	1,850	-100.0%
CRUDE OIL PHY	LC	32,490	1,300	2,399.2%	9,720	234.3%	119,586	108,053	10.7%
CRUDE OIL PHY	LO	2,939,865	2,340,168	25.6%	2,429,264	21.0%	24,225,614	25,507,793	-5.0%
CRUDE OIL PHY	LO1	14,208	7,525	88.8%	37,956	-62.6%	185,904	174,181	6.7%
CRUDE OIL PHY	LO2	35,134	7,153	391.2%	23,139	51.8%	165,991	103,750	60.0%
CRUDE OIL PHY	LO3	217	3,629	-94.0%	14,085	-98.5%	122,082	109,085	11.9%
CRUDE OIL PHY	LO4	29,357	10,281	185.5%	25,642	14.5%	219,790	177,172	24.1%
CRUDE OIL PHY	LO5	37,540	11,605	223.5%	37	101,359.5%	79,307	59,518	33.2%
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	43	-100.0%
ETHANOL SWAP	CVR	6,281	5,392	16.5%	2,813	123.3%	30,327	46,531	-34.8%
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	0	600	-100.0%

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Energy Options									
FREIGHT MARKETS	TDT	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	0	-	450	-100.0%	1,980	0	-
HEATING OIL PHY	FZ	0	0	-	1,225	-100.0%	2,225	0	-
HEATING OIL PHY	LB	252	204	23.5%	126	100.0%	1,911	3,527	-45.8%
HEATING OIL PHY	OH	9,888	13,609	-27.3%	23,224	-57.4%	79,615	135,310	-41.2%
HENRY HUB FINANCIAL LAST	E7	2,677	10,421	-74.3%	4,111	-34.9%	82,737	72,611	13.9%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	200	-100.0%	200	100	100.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WTO	0	0	0.0%	0	0.0%	0	1,400	-100.0%
MCCLOSKEY ARA ARG5 COAL	MTO	0	0	0.0%	0	0.0%	540	5,823	-90.7%
MCCLOSKEY RCH BAY COAL	MFO	0	50	-100.0%	0	0.0%	0	475	-100.0%
NATURAL GAS 1 M CSO FIN	G4	138,059	149,600	-7.7%	67,100	105.8%	570,808	1,046,018	-45.4%
NATURAL GAS 2 M CSO FIN	G2	2,700	1,900	42.1%	0	0.0%	22,100	14,200	55.6%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	42,688	-100.0%	247,994	481,275	-48.5%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0.0%	13,400	11,450	17.0%
NATURAL GAS 6 M CSO FIN	G6	7,550	0	0.0%	2,500	202.0%	107,900	148,300	-27.2%
NATURAL GAS OPT	JKO	2,400	0	-	1,890	27.0%	19,060	0	-
NATURAL GAS OPT	TFO	200	28,190	-99.3%	750	-73.3%	153,770	214,470	-28.3%
NATURAL GAS OPTION ON CALENDAR STRP	6J	0	4,320	-100.0%	1,000	-100.0%	61,220	26,820	128.3%
NATURAL GAS PHY	KD	1,295	1,745	-25.8%	2,380	-45.6%	20,450	39,188	-47.8%
NATURAL GAS PHY	LN	1,764,300	2,762,168	-36.1%	2,896,188	-39.1%	21,114,008	24,101,186	-12.4%
NATURAL GAS PHY	ON	79,162	99,956	-20.8%	138,177	-42.7%	885,056	1,279,404	-30.8%
NATURAL GAS SUMMER STRIP	4D	0	0	0.0%	0	0.0%	0	400	-100.0%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	0.0%	0	600	-100.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	AT	725	857	-15.4%	1,784	-59.4%	9,663	17,164	-43.7%
PETROCHEMICALS	4H	343	0	0.0%	767	-55.3%	9,512	650	1,363.4%
PETROCHEMICALS	4J	0	0	0.0%	600	-100.0%	1,315	630	108.7%
PETROCHEMICALS	4K	0	540	-100.0%	0	0.0%	0	540	-100.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	180	126	42.9%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT NA	1N5	0	0	0.0%	0	0.0%	0	200	-100.0%
PETRO OUTRIGHT NA	DAP	150	90	66.7%	30	400.0%	1,290	1,285	0.4%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0.0%	0	770	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0.0%	0	0	0.0%

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Energy Options									
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	-	0	0	0.0%
RBOB CALENDAR SWAP	RA	84	1,080	-92.2%	35	140.0%	1,274	2,161	-41.0%
RBOB CRACK	RX	0	0	0.0%	0	-	0	0	0.0%
RBOB PHY	OB	7,625	6,999	8.9%	4,737	61.0%	75,671	82,961	-8.8%
RBOB PHY	RF	0	25	-100.0%	0	0.0%	480	1,043	-54.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U11	0	0	0.0%	0	0.0%	50	150	-66.7%
SHORT TERM	U12	0	200	-100.0%	0	0.0%	100	600	-83.3%
SHORT TERM	U13	0	0	0.0%	0	0.0%	200	600	-66.7%
SHORT TERM	U14	300	0	0.0%	0	0.0%	300	200	50.0%
SHORT TERM	U15	0	0	0.0%	50	-100.0%	350	700	-50.0%
SHORT TERM	U22	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U23	0	50	-100.0%	0	0.0%	0	150	-100.0%
SHORT TERM	U24	0	0	0.0%	0	0.0%	100	50	100.0%
SHORT TERM	U25	0	0	-	0	0.0%	300	0	-
SHORT TERM	U26	0	0	0.0%	0	0.0%	75	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	225	500	-55.0%
SHORT TERM NATURAL GAS	U02	0	100	-100.0%	300	-100.0%	650	550	18.2%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	100	650	-84.6%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0.0%	350	1,350	-74.1%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	200	350	-42.9%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0.0%	800	100	700.0%
SHORT TERM NATURAL GAS	U07	0	50	-100.0%	0	0.0%	325	600	-45.8%
SHORT TERM NATURAL GAS	U08	0	50	-100.0%	0	0.0%	50	400	-87.5%
SHORT TERM NATURAL GAS	U09	0	200	-100.0%	100	-100.0%	300	250	20.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	100	-100.0%	100	450	-77.8%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	75	100	-25.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	150	325	-53.8%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	100	150	-33.3%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	0	275	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	300	-100.0%	300	300	0.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	100	-100.0%	300	200	50.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	50	650	-92.3%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	100	600	-83.3%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	50	950	-94.7%

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Commodity		VOLUME OCT 2021	VOLUME OCT 2020	% CHG	VOLUME SEP 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
Energy Options									
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	250	1,075	-76.7%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	0	150	-100.0%
WTI-BRENT BULLET SWAP	BV	27,500	34,200	-19.6%	53,550	-48.6%	281,500	484,882	-41.9%
WTI CRUDE OIL 1 M CSO FI	7A	61,105	111,520	-45.2%	21,425	185.2%	706,700	889,500	-20.6%
Metals Futures									
COMEX GOLD	GC	4,119,014	4,645,292	-11.3%	3,926,198	4.9%	49,260,796	67,915,036	-27.5%
NYMEX HOT ROLLED STEEL	HR	23,211	22,823	1.7%	24,003	-3.3%	209,280	184,311	13.5%
NYMEX PLATINUM	PL	299,521	271,140	10.5%	500,154	-40.1%	3,641,042	3,833,855	-5.0%
PALLADIUM	PA	42,972	34,644	24.0%	48,616	-11.6%	482,409	596,447	-19.1%
URANIUM	UX	53	1	5,200.0%	25	112.0%	1,183	1,855	-36.2%
COMEX SILVER	SI	1,184,346	1,645,627	-28.0%	1,143,615	3.6%	16,780,569	22,305,063	-24.8%
COMEX E-Mini GOLD	QO	18,826	15,519	21.3%	28,309	-33.5%	226,549	336,116	-32.6%
COMEX E-Mini SILVER	QI	3,776	5,973	-36.8%	3,137	20.4%	59,142	94,629	-37.5%
COMEX COPPER	HG	1,786,103	1,837,177	-2.8%	1,409,251	26.7%	21,444,394	20,551,594	4.3%
COMEX MINY COPPER	QC	8,878	2,354	277.1%	4,075	117.9%	46,973	9,765	381.0%
ALUMINUM	A38	0	0	0.0%	0	0.0%	174	0	0.0%
ALUMINUM	AEP	1,714	5,060	-66.1%	814	110.6%	26,925	35,081	-23.2%
ALUMINUM	ALA	90	360	-75.0%	235	-61.7%	3,645	1,609	126.5%
ALUMINUM	ALI	14,904	2,800	432.3%	16,064	-7.2%	116,081	38,625	200.5%
ALUMINUM	AUP	9,106	6,857	32.8%	4,578	98.9%	63,507	98,665	-35.6%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	0	50	-100.0%
ALUMINUM	EDP	4,592	2,132	115.4%	4,389	4.6%	33,344	37,181	-10.3%
ALUMINUM	MJP	1,080	780	38.5%	0	0.0%	3,170	10,510	-69.8%
COBALT METAL FUTURES	COB	180	0	-	25	620.0%	2,949	0	-
COPPER	HGS	213	1,744	-87.8%	1,365	-84.4%	22,701	31,698	-28.4%
FERROUS PRODUCTS	BUS	1,270	1,245	2.0%	1,445	-12.1%	14,825	19,563	-24.2%
GOLD	4GC	0	20	-100.0%	0	0.0%	116	633	-81.7%
GOLD	SGC	1,516	1,017	49.1%	4,217	-64.1%	16,897	17,138	-1.4%
GOLD	SGU	11,390	4,031	182.6%	14,976	-23.9%	58,043	55,129	5.3%
HOT ROLLED COIL STEEL FUTURES	EHR	785	1,200	-34.6%	916	-14.3%	10,953	4,162	163.2%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	0.0%	0	0.0%	0	14,498	-100.0%

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Metals Futures									
IRON ORE CHINA	TIO	608	1,068	-43.1%	1,000	-39.2%	9,386	5,417	73.3%
LNDN ZINC	ZNC	0	0	0.0%	0	-	0	0	0.0%
METALS	HDG	0	0	0.0%	100	-100.0%	143	30	376.7%
METALS	LTH	0	0	-	5	-100.0%	10	0	-
MICRO GOLD	MGC	1,054,682	1,700,455	-38.0%	954,845	10.5%	11,922,754	18,594,952	-35.9%
SILVER	SIL	103,555	245,731	-57.9%	126,397	-18.1%	1,969,908	1,908,709	3.2%
Metals Options									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	2,250	150	1,400.0%
COMEX COPPER	HX	64,872	20,259	220.2%	53,134	22.1%	667,939	378,775	76.3%
COMEX GOLD	OG	738,504	877,476	-15.8%	599,807	23.1%	7,004,607	11,623,640	-39.7%
COMEX SILVER	SO	97,239	138,250	-29.7%	132,598	-26.7%	1,560,052	1,944,049	-19.8%
COPPER	H1E	1	0	0.0%	2	-50.0%	47	1,083	-95.7%
COPPER	H2E	0	2	-100.0%	2	-100.0%	43	688	-93.8%
COPPER	H3E	9	0	0.0%	1	800.0%	33	742	-95.6%
COPPER	H4E	2	0	0.0%	10	-80.0%	149	370	-59.7%
COPPER	H5E	5	0	0.0%	0	0.0%	7	692	-99.0%
GOLD	OG1	20,822	14,340	45.2%	42,970	-51.5%	420,688	349,887	20.2%
GOLD	OG2	30,724	31,331	-1.9%	39,278	-21.8%	415,035	378,773	9.6%
GOLD	OG3	35,476	27,187	30.5%	43,287	-18.0%	415,921	330,684	25.8%
GOLD	OG4	33,232	25,774	28.9%	29,796	11.5%	272,423	286,163	-4.8%
GOLD	OG5	33,864	33,783	0.2%	0	0.0%	123,602	124,762	-0.9%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	0.0%	0	75	-100.0%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	0	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	3,740	-100.0%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	0.0%	0	0.0%	0	6,349	-100.0%
IRON ORE CHINA	ICT	150	80	87.5%	240	-37.5%	6,198	380	1,531.1%
NYMEX HOT ROLLED STEEL	HRO	365	225	62.2%	700	-47.9%	2,970	825	260.0%
NYMEX PLATINUM	PO	3,384	1,343	152.0%	2,782	21.6%	30,415	26,440	15.0%
PALLADIUM	PAO	172	102	68.6%	1,314	-86.9%	6,562	6,648	-1.3%
SILVER	SO1	2,252	698	222.6%	4,117	-45.3%	31,115	24,970	24.6%
SILVER	SO2	2,797	1,684	66.1%	5,417	-48.4%	33,464	23,419	42.9%
SILVER	SO3	4,087	1,797	127.4%	3,492	17.0%	29,019	20,540	41.3%
SILVER	SO4	3,409	1,090	212.8%	3,417	-0.2%	19,512	15,508	25.8%
SILVER	SO5	2,989	1,474	102.8%	0	0.0%	8,830	7,544	17.0%

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TOTAL FUTURES GROUP								
Ag Products Futures	0	27	-100.0%	0	0.0%	2	69	-97.1%
Energy Futures	47,540,693	37,464,086	26.9%	42,430,533	12.0%	408,240,023	466,240,202	-12.4%
Metals Futures	8,692,385	10,455,050	-16.9%	8,218,754	5.8%	106,427,868	136,702,321	-22.1%
TOTAL FUTURES	56,233,078	47,919,163	17.3%	50,649,287	11.0%	514,667,893	602,942,592	-14.6%
TOTAL OPTIONS GROUP								
Energy Options	5,345,194	5,900,779	-9.4%	5,966,513	-10.4%	51,795,741	58,689,741	-11.7%
Metals Options	1,074,355	1,176,895	-8.7%	962,364	11.6%	11,050,881	15,556,896	-29.0%
TOTAL OPTIONS	6,419,549	7,077,674	-9.3%	6,928,877	-7.4%	62,846,622	74,246,637	-15.4%
TOTAL COMBINED								
Ag Products	0	27	-100.0%	0	-	2	69	-97.1%
Energy	52,885,887	43,364,865	22.0%	48,397,046	9.3%	460,035,764	524,929,943	-12.4%
Metals	9,766,740	11,631,945	-16.0%	9,181,118	6.4%	117,478,749	152,259,217	-22.8%
GRAND TOTAL	62,652,627	54,996,837	13.9%	57,578,164	8.8%	577,514,515	677,189,229	-14.7%

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