



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Ag Products Futures</b>									
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	2	-100.0%	0	0.0%	0	59	-100.0%
SUGAR 11	YO	0	0	0.0%	0	0.0%	0	10	-100.0%
<b>Energy Futures</b>									
CRUDE OIL PHY	CL	17,329,755	15,434,149	12.3%	22,982,482	-24.6%	248,314,481	274,180,352	-9.4%
CRUDE OIL	WS	0	0	0.0%	0	0.0%	3,732	31,422	-88.1%
MINY WTI CRUDE OIL	QM	479,671	279,470	71.6%	618,678	-22.5%	5,261,224	6,834,996	-23.0%
BRENT OIL LAST DAY	BZ	1,710,764	1,506,371	13.6%	2,227,127	-23.2%	24,184,136	25,979,078	-6.9%
HEATING OIL PHY	HO	2,804,932	2,975,931	-5.7%	3,817,258	-26.5%	38,711,497	44,003,184	-12.0%
HTG OIL	BH	0	0	0.0%	0	0.0%	124	108	14.8%
MINY HTG OIL	QH	13	6	116.7%	9	44.4%	83	61	36.1%
RBOB PHY	RB	3,312,905	3,438,581	-3.7%	4,136,008	-19.9%	47,837,998	46,492,488	2.9%
MINY RBOB GAS	QU	13	7	85.7%	8	62.5%	107	85	25.9%
NATURAL GAS	HP	119,424	129,016	-7.4%	142,005	-15.9%	1,891,559	1,850,904	2.2%
LTD NAT GAS	HH	396,371	325,923	21.6%	336,990	17.6%	4,102,845	3,299,893	24.3%
MINY NATURAL GAS	QG	194,234	197,755	-1.8%	326,126	-40.4%	2,305,179	1,612,231	43.0%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	7,670,114	9,454,851	-18.9%	7,555,349	1.5%	97,588,795	120,799,509	-19.2%
RBOB GAS	RT	0	0	0.0%	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	2,430	2,030	19.7%	5,661	-57.1%	95,438	72,825	31.1%
ARGUS PROPAN FAR EST INDE	7E	3,724	4,990	-25.4%	5,703	-34.7%	71,225	62,349	14.2%
ARGUS PROPAN(SAUDI ARAMCO	9N	1,592	1,863	-14.5%	1,901	-16.3%	21,736	27,087	-19.8%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	0	200	-100.0%	0	0.0%	1,314	1,706	-23.0%
BRENT CALENDAR SWAP	CY	21,560	6,223	246.5%	13,493	59.8%	134,241	82,520	62.7%
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%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
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	2,249	0	-	4,389	-48.8%	16,120	0	-
CAR VINTAGE	NGO	3,775	0	-	9,016	-58.1%	31,029	0	-
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	54,270	58,974	-8.0%	77,780	-30.2%	866,757	874,634	-0.9%
CHICAGO ULSD PL VS HO SPR	5C	30	160	-81.3%	25	20.0%	3,752	7,307	-48.7%
CHICAGO UNL GAS PL VS RBO	3C	0	625	-100.0%	75	-100.0%	500	2,740	-81.8%
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	111	232	-52.2%	50	122.0%	3,419	2,932	16.6%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	396	375	5.6%	215	84.2%	3,593	4,774	-24.7%
CONWAY PROPANE 5 DECIMALS SWAP	8K	12,858	9,145	40.6%	14,895	-13.7%	176,347	182,933	-3.6%
CRUDE OIL	LPS	0	0	0.0%	0	0.0%	0	4,295	-100.0%
CRUDE OIL LAST DAY	26	0	43	-100.0%	457	-100.0%	3,130	979	219.7%
CRUDE OIL OUTRIGHTS	42	283	455	-37.8%	309	-8.4%	3,625	13,331	-72.8%
CRUDE OIL OUTRIGHTS	CC5	0	412	-100.0%	0	0.0%	9,906	6,186	60.1%
CRUDE OIL OUTRIGHTS	CSW	300	0	0.0%	0	0.0%	14,319	4,274	235.0%
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	0	0.0%	0	0.0%	2,464	2,720	-9.4%
CRUDE OIL OUTRIGHTS	HTT	50,680	67,411	-24.8%	90,500	-44.0%	747,700	871,639	-14.2%
CRUDE OIL OUTRIGHTS	LSW	0	435	-100.0%	90	-100.0%	10,372	9,922	4.5%
CRUDE OIL OUTRIGHTS	WCW	730	1,780	-59.0%	7,295	-90.0%	42,367	29,050	45.8%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	4,234	-100.0%	0	0.0%	20,147	44,752	-55.0%
CRUDE OIL PHY	MCL	1,714,617	0	-	2,015,644	-14.9%	8,368,659	0	-
CRUDE OIL SPRDS	38	0	0	0.0%	0	0.0%	0	0	0.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
CRUDE OIL SPRDS	ANT	184	0	0.0%	1,564	-88.2%	5,895	1,330	343.2%
CRUDE OIL SPRDS	HIL	0	1,260	-100.0%	240	-100.0%	5,590	48,827	-88.6%
CRUDE OIL SPRDS	WTT	21,687	26,809	-19.1%	41,441	-47.7%	316,326	259,172	22.1%
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	0	0	0.0%	0	0.0%	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	11,296	13,442	-16.0%	1,712	559.8%	444,677	381,861	16.4%
EAST/WEST FUEL OIL SPREAD	EW	6	0	0.0%	0	0.0%	6	0	0.0%
EIA FLAT TAX ONHWAY DIESE	A5	1,004	252	298.4%	28	3,485.7%	5,371	9,677	-44.5%
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	0	0.0%	0	0.0%	10	70	-85.7%
ETHANOL	Z1B	0	0	0.0%	0	-	0	0	0.0%
ETHANOL SWAP	MT2	120	110	9.1%	315	-61.9%	2,248	2,278	-1.3%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	2,697	2,656	1.5%	3,929	-31.4%	43,567	48,990	-11.1%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	-	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	35	-100.0%	81	65	24.6%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0.0%	0	22	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	45	-100.0%	2,812	75	3,649.3%
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	15	12	25.0%	99	-84.8%	556	2,384	-76.7%
EUROPEAN GASOIL (ICE)	7F	196	38	415.8%	371	-47.2%	8,549	377	2,167.6%
EUROPEAN NAPHTHA BALMO	KZ	22	0	0.0%	75	-70.7%	140	86	62.8%
EUROPEAN NAPHTHA CRACK SPR	EN	910	116	684.5%	2,502	-63.6%	19,838	14,044	41.3%
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	555	348	59.5%	681	-18.5%	7,315	5,746	27.3%
EURO PROPANE CIF ARA SWA	PS	1,360	1,037	31.1%	1,907	-28.7%	18,693	18,704	-0.1%
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	10	236	-95.8%	5	100.0%	134	1,643	-91.8%
FREIGHT MARKETS	BF3	0	0	0.0%	0	0.0%	0	0	0.0%
FREIGHT MARKETS	BL2	0	0	-	50	-100.0%	285	0	-
FREIGHT MARKETS	FLJ	0	0	-	5	-100.0%	97	0	-
FREIGHT MARKETS	FLP	11	0	0.0%	88	-87.5%	713	2,299	-69.0%
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	120	150	-20.0%	0	0.0%	904	2,113	-57.2%
FREIGHT MARKETS	T7C	0	20	-100.0%	0	0.0%	0	290	-100.0%
FREIGHT MARKETS	T8C	0	0	-	0	0.0%	10	0	-
FREIGHT MARKETS	TC6	225	0	-	225	0.0%	450	0	-
FREIGHT MARKETS	TD3	60	0	0.0%	0	-	60	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	0	0.0%	0	0.0%	90	800	-88.8%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0.0%	2,203	2,644	-16.7%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	72	0	0.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	0	0	0.0%
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	178	158	12.7%	358	-50.3%	7,413	14,644	-49.4%
GAS EURO-BOB OXY NWE BARGES CRK	7K	3,319	1,182	180.8%	7,478	-55.6%	63,082	60,217	4.8%
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	17	147.1%
GASOIL 0.1 ROTTERDAM BARG	VL	38	22	72.7%	15	153.3%	216	127	70.1%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	GX	233	12	1,841.7%	164	42.1%	1,819	324	461.4%
GASOIL CRACK SPREAD CALEN	GZ	2,205	0	0.0%	4,683	-52.9%	22,699	12,428	82.6%
GASOIL MINI CALENDAR SWAP	QA	173	298	-41.9%	607	-71.5%	4,233	6,113	-30.8%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	0	0	0.0%	6	-100.0%	244	10,066	-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	2,965	2,215	33.9%	3,460	-14.3%	50,360	39,678	26.9%
GRP THREE UNL GS (PLT) VS	A8	1,960	1,805	8.6%	2,740	-28.5%	30,994	29,388	5.5%
GULF COAST 3% FUEL OIL BA	VZ	0	45	-100.0%	28	-100.0%	740	2,986	-75.2%
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	21,983	11,304	94.5%	9,535	130.6%	244,225	200,108	22.0%
GULF COAST NO.6 FUEL OIL	MF	2,813	3,824	-26.4%	545	416.1%	21,572	121,471	-82.2%
GULF COAST NO.6 FUEL OIL	MG	9,809	0	0.0%	4,050	142.2%	38,597	482	7,907.7%
GULF COAST ULSD CALENDAR	LY	878	180	387.8%	68	1,191.2%	5,084	9,985	-49.1%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	0	1,410	-100.0%
HEATING OIL BALMO CLNDR S	1G	95	0	0.0%	235	-59.6%	3,235	1,517	113.2%
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	14,622	20,898	-30.0%	14,775	-1.0%	357,038	741,980	-51.9%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	60	340	-82.4%	1,140	-94.7%	6,804	34,005	-80.0%
ICE GASOIL BALMO SWAP	U9	0	0	-	0	0.0%	46	0	-

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
INDIANA MISO	FAD	0	0	0.0%	0	-	0	0	0.0%
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	0.0%
INDIANA MISO	PTD	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	ICI	0	35	-100.0%	0	0.0%	1,124	1,976	-43.1%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	6	-100.0%	6	150	-96.0%
JAPAN C&F NAPHTHA SWAP	JA	115	13	784.6%	46	150.0%	783	1,692	-53.7%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	6	-100.0%	18	33	-45.5%
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	120	0	0.0%	386	-68.9%	1,870	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	3,880	1,455	166.7%	1,275	204.3%	20,994	19,863	5.7%
JKM LNG Futures	JKM	828	0	0.0%	830	-0.2%	7,251	19,263	-62.4%
LA CARB DIESEL (OPIS) SWA	KL	355	25	1,320.0%	35	914.3%	2,335	2,542	-8.1%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0.0%	225	675	-66.7%
LA JET (OPIS) SWAP	JS	475	510	-6.9%	705	-32.6%	6,200	6,625	-6.4%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	480	5	9,500.0%	336	42.9%	3,266	7,900	-58.7%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	0.0%	0	15	-100.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0.0%	1,750	2,600	-32.7%
MARS (ARGUS) VS WTI TRD M	YV	9,170	19,930	-54.0%	18,456	-50.3%	212,517	188,526	12.7%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0.0%	0	100	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	6,269	12,415	-49.5%	8,920	-29.7%	153,051	244,077	-37.3%
MCCLOSKEY RCH BAY COAL	MFF	110	417	-73.6%	1,542	-92.9%	10,691	10,892	-1.8%
MGF FUT	MGF	0	0	0.0%	0	-	0	0	0.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	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	61	0	0.0%	68	-10.3%	254	778	-67.4%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	50	-100.0%	0	0.0%	391	1,741	-77.5%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	199	320	-37.8%	319	-37.6%	6,337	7,771	-18.5%
MJC FUT	MJC	0	0	0.0%	0	0.0%	50	0	0.0%
MNC FUT	MNC	1,186	182	551.6%	1,964	-39.6%	11,504	11,410	0.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	32,502	33,545	-3.1%	29,425	10.5%	354,180	318,159	11.3%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
MONT BELVIEU ETHANE OPIS BALMO	8C	2,810	1,140	146.5%	1,450	93.8%	12,658	4,670	171.0%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	120,826	195,233	-38.1%	195,629	-38.2%	2,201,905	2,044,718	7.7%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	2,600	2,192	18.6%	1,957	32.9%	36,430	26,203	39.0%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	12,645	20,564	-38.5%	17,526	-27.9%	176,018	334,637	-47.4%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	610	825	-26.1%	207	194.7%	7,282	10,720	-32.1%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	34,456	54,718	-37.0%	55,203	-37.6%	642,794	799,900	-19.6%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,474	926	59.2%	1,183	24.6%	15,473	15,851	-2.4%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	26,044	154,214	-83.1%	41,693	-37.5%	610,471	849,909	-28.2%
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	1,395	0	0.0%	245	469.4%	3,210	6,844	-53.1%
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	100	-100.0%	0	0.0%	0	2,718	-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	95	-100.0%	0	0.0%	0	95	-100.0%
NY HARBOR HEAT OIL SWP	MP	2,476	1,218	103.3%	2,532	-2.2%	15,112	35,957	-58.0%
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	275	569	-51.7%	200	37.5%	2,699	8,012	-66.3%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	-	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	330	600	-45.0%	562	-41.3%	17,375	9,951	74.6%
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%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
NYISO CAPACITY	NRS	0	0	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	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	450	94	378.7%	0	0.0%	1,100	5,283	-79.2%
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	91	237	-61.6%	292	-68.8%	2,086	1,624	28.4%
PETROCHEMICALS	32	85	29	193.1%	73	16.4%	775	793	-2.3%
PETROCHEMICALS	3NA	10	0	0.0%	13	-23.1%	172	34	405.9%
PETROCHEMICALS	51	0	5	-100.0%	0	0.0%	0	29	-100.0%
PETROCHEMICALS	81	0	0	0.0%	0	0.0%	147	60	145.0%
PETROCHEMICALS	8I	745	915	-18.6%	574	29.8%	13,254	9,950	33.2%
PETROCHEMICALS	91	462	558	-17.2%	510	-9.4%	4,916	4,157	18.3%
PETROCHEMICALS	MAA	90	30	200.0%	50	80.0%	565	1,325	-57.4%
PETROCHEMICALS	MAE	550	430	27.9%	1,405	-60.9%	11,215	8,072	38.9%
PETROCHEMICALS	MAS	190	275	-30.9%	557	-65.9%	4,402	3,451	27.6%
PETROCHEMICALS	MBE	0	30	-100.0%	60	-100.0%	710	2,640	-73.1%
PETROCHEMICALS	MNB	48	29	65.5%	16	200.0%	2,103	1,733	21.4%
PETROCHEMICALS	MPS	601	163	268.7%	606	-0.8%	4,944	3,829	29.1%
PETROCHEMICALS	PMF	0	0	-	0	0.0%	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	0	0.0%	0	0.0%	0	375	-100.0%
PETRO CRCKS & SPRDS NA	CRB	16,654	10,225	62.9%	12,040	38.3%	239,020	189,556	26.1%
PETRO CRCKS & SPRDS NA	EXR	373	248	50.4%	694	-46.3%	7,352	11,398	-35.5%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0.0%	0	100	-100.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>								
PETRO CRCKS & SPRDS NA	0	305	-100.0%	0	0.0%	655	5,006	-86.9%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0.0%	0	405	-100.0%
PETRO CRCKS & SPRDS NA	0	255	-100.0%	0	0.0%	370	6,137	-94.0%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	0	180	-100.0%	0	0.0%	880	15,803	-94.4%
PETRO CRCKS & SPRDS NA	0	0	0.0%	14	-100.0%	474	0	0.0%
PETRO CRCKS & SPRDS NA	75	225	-66.7%	1,430	-94.8%	5,385	9,400	-42.7%
PETRO CRCKS & SPRDS NA	0	0	-	0	0.0%	145	0	-
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	570	525	8.6%	967	-41.1%	16,651	33,794	-50.7%
PETRO CRCKS & SPRDS NA	1,663	794	109.4%	225	639.1%	13,258	62,110	-78.7%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0.0%	0	10	-100.0%
PETRO CRK&SPRD EURO	0	0	0.0%	50	-100.0%	433	3,085	-86.0%
PETRO CRK&SPRD EURO	43	9	0.0%	5	80.0%	35	44	-20.5%
PETRO CRK&SPRD EURO	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	288	0	0.0%	294	-2.0%	1,762	403	337.2%
PETRO CRK&SPRD EURO	15	0	0.0%	0	0.0%	20	31	-35.5%
PETRO CRK&SPRD EURO	806	471	71.1%	885	-8.9%	6,832	4,782	42.9%
PETRO CRK&SPRD EURO	15	0	0.0%	20	-25.0%	871	203	329.1%
PETRO CRK&SPRD EURO	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0.0%	0	44	-100.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0.0%	70	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0.0%	0	130	-100.0%
PETRO CRK&SPRD EURO	0	0	0.0%	9	-100.0%	9	5	80.0%
PETRO CRK&SPRD EURO	15	0	0.0%	68	-77.9%	566	406	39.4%
PETRO CRK&SPRD EURO	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	0	100	-100.0%	0	0.0%	717	1,184	-39.4%
PETROLEUM PRODUCTS	0	0	-	0	0.0%	3	0	-
PETROLEUM PRODUCTS	0	0	-	0	0.0%	3	0	-
PETROLEUM PRODUCTS	60	0	-	0	0.0%	790	0	-
PETROLEUM PRODUCTS	0	0	0.0%	350	-100.0%	5,298	4,820	9.9%
PETROLEUM PRODUCTS	0	0	0.0%	0	0.0%	60	3,413	-98.2%
PETROLEUM PRODUCTS	200	0	0.0%	450	-55.6%	2,800	2,510	11.6%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	0	160	-100.0%
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	0	0	0.0%	0	0.0%	5	2	150.0%
PETROLEUM PRODUCTS	R5F	24	59	-59.3%	98	-75.5%	564	206	173.8%
PETROLEUM PRODUCTS	S53	0	0	0.0%	12	-100.0%	12	41	-70.7%
PETROLEUM PRODUCTS	UCS	0	90	-100.0%	0	0.0%	0	155	-100.0%
PETROLEUM PRODUCTS	UP5	0	0	0.0%	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	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	1,012	97	943.3%	280	261.4%	3,906	7,102	-45.0%
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	28	7	300.0%	64	-56.3%	968	2,546	-62.0%
PETRO OUTFRIGHT EURO	0E	0	0	0.0%	0	0.0%	20	0	0.0%
PETRO OUTFRIGHT EURO	0F	0	0	0.0%	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	0	0.0%	0	0.0%	50	135	-63.0%
PETRO OUTFRIGHT EURO	7R	0	0	0.0%	17	-100.0%	79	127	-37.8%
PETRO OUTFRIGHT EURO	88	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	CBB	0	20	-100.0%	0	0.0%	33	90	-63.3%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	0.0%	0	22	-100.0%
PETRO OUTFRIGHT EURO	CPB	540	153	252.9%	130	315.4%	4,152	2,024	105.1%
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	438	15	2,820.0%	88	397.7%	2,533	210	1,106.2%
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	1,405	1,911	-26.5%	707	98.7%	14,804	10,111	46.4%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
PETRO OUTFRIGHT EURO	M35	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	MBB	0	20	-100.0%	0	0.0%	240	50	380.0%
PETRO OUTFRIGHT EURO	MBN	491	1,059	-53.6%	210	133.8%	4,251	4,580	-7.2%
PETRO OUTFRIGHT EURO	MEF	45	113	-60.2%	18	150.0%	2,400	1,637	46.6%
PETRO OUTFRIGHT EURO	MQA	63	0	-	3	2,000.0%	131	0	-
PETRO OUTFRIGHT EURO	R53	12	0	0.0%	0	0.0%	139	157	-11.5%
PETRO OUTFRIGHT EURO	R5B	0	0	0.0%	0	0.0%	56	10	460.0%
PETRO OUTFRIGHT EURO	R5M	1,461	401	264.3%	2,163	-32.5%	15,364	4,617	232.8%
PETRO OUTFRIGHT EURO	R5O	1,146	827	38.6%	1,134	1.1%	9,296	10,496	-11.4%
PETRO OUTFRIGHT EURO	RBM	33	0	0.0%	0	0.0%	67	59	13.6%
PETRO OUTFRIGHT EURO	S5B	0	0	0.0%	0	0.0%	5	6	-16.7%
PETRO OUTFRIGHT EURO	S5F	123	75	64.0%	106	16.0%	1,309	1,208	8.4%
PETRO OUTFRIGHT EURO	S5M	2,126	1,255	69.4%	2,013	5.6%	21,556	17,615	22.4%
PETRO OUTFRIGHT EURO	S5O	2,589	367	605.4%	3,004	-13.8%	16,736	8,659	93.3%
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	50	-100.0%	1,450	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	0	0	-	33	-100.0%	58	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	415	-100.0%
PETRO OUTFRIGHT EURO	UNB	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO OUTFRIGHT EURO	V0	0	0	0.0%	132	-100.0%	582	0	0.0%
PETRO OUTFRIGHT NA	A8B	50	375	-86.7%	0	0.0%	1,140	375	204.0%
PETRO OUTFRIGHT NA	AB6	280	75	273.3%	170	64.7%	2,380	1,122	112.1%
PETRO OUTFRIGHT NA	BCR	2,050	200	925.0%	2,200	-6.8%	22,757	3,008	656.5%
PETRO OUTFRIGHT NA	DBB	0	0	0.0%	0	0.0%	0	75	-100.0%
PETRO OUTFRIGHT NA	FCB	0	0	0.0%	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	45	-100.0%	0	0.0%	275	1,005	-72.6%
PETRO OUTFRIGHT NA	JET	450	325	38.5%	125	260.0%	4,600	7,415	-38.0%
PETRO OUTFRIGHT NA	JTB	700	50	1,300.0%	0	0.0%	1,365	2,155	-36.7%
PETRO OUTFRIGHT NA	MBL	0	0	0.0%	60	-100.0%	731	137	433.6%
PETRO OUTFRIGHT NA	MEN	193	10	1,830.0%	308	-37.3%	1,128	598	88.6%
PETRO OUTFRIGHT NA	MEO	135	265	-49.1%	359	-62.4%	5,063	13,105	-61.4%
PETRO OUTFRIGHT NA	MFD	0	0	0.0%	0	0.0%	0	38	-100.0%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0.0%	65	70	-7.1%
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 BGE DA OFF-PEAK	R3	0	0	0.0%	0	-	0	0	0.0%
PJM BGE DA PEAK	E3	0	0	0.0%	0	-	0	0	0.0%
PJM COMED 5MW D AH O PK	D9	0	0	0.0%	0	-	0	0	0.0%
PJM COMED 5MW D AH PK	D8	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	0.0%
PJM DAYTON DA PEAK	D7	0	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	0.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	-	0	0	0.0%
PJM NILL DA PEAK	N3	0	0	0.0%	0	-	0	0	0.0%
PJM OFF-PEAK LMP SWAP FUT	JP	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	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTHDA PEAK	J4	0	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	0.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0.0%	0	15,814	-100.0%
PLASTICS	PGP	877	1,033	-15.1%	2,026	-56.7%	16,144	12,946	24.7%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0.0%	185	158	17.1%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	-	0	0	0.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	-	0	0	0.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	0	-	0	0	0.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	1,955	457	327.8%	1,333	46.7%	16,854	18,785	-10.3%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	10,772	25,846	-58.3%	22,174	-51.4%	192,442	293,277	-34.4%
RBOB CALENDAR SWAP	RL	7,315	5,838	25.3%	4,571	60.0%	80,726	66,794	20.9%
RBOB CRACK SPREAD	RM	780	825	-5.5%	575	35.7%	22,479	12,610	78.3%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	-	0	0	0.0%
RBOB GASOLINE BALMO CLNDR	1D	130	331	-60.7%	833	-84.4%	8,965	6,183	45.0%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0.0%	1,105	5,665	-80.5%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.

## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0.0%	0	0	0.0%
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	0	0	0.0%	0	0.0%	23	39	-41.0%
SINGAPORE 380CST FUEL OIL	SE	132	91	45.1%	189	-30.2%	2,155	2,420	-11.0%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0.0%	0	215	-100.0%
SINGAPORE FUEL OIL 180 CS	GMS	0	0	-	0	0.0%	12	0	-
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0.0%	0	80	-100.0%
SINGAPORE GASOIL	MAF	387	207	87.0%	350	10.6%	3,476	2,422	43.5%
SINGAPORE GASOIL	MTB	10	10	0.0%	0	0.0%	62	72	-13.9%
SINGAPORE GASOIL	MTS	323	308	4.9%	437	-26.1%	4,414	3,810	15.9%
SINGAPORE GASOIL	SBM	56	78	-28.2%	60	-6.7%	234	529	-55.8%
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	620	530	17.0%	235	163.8%	8,966	8,004	12.0%
SINGAPORE GASOIL SWAP	SG	1,039	4,164	-75.0%	225	361.8%	14,347	14,475	-0.9%
SINGAPORE GASOIL VS ICE	GA	1,450	0	0.0%	1,080	34.3%	12,558	282	4,353.2%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	0	345	-100.0%
SINGAPORE JET KERO GASOIL	RK	750	0	0.0%	1,758	-57.3%	4,498	575	682.3%
SINGAPORE JET KEROSENE SW	KS	0	620	-100.0%	1,300	-100.0%	3,435	6,968	-50.7%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	0	0.0%	610	175	248.6%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	542	175	209.7%	725	-25.2%	7,823	24,455	-68.0%
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	0	0	0.0%	0	0.0%	300	45	566.7%
TC5 RAS TANURA TO YOKOHAM	TH	0	0	0.0%	0	0.0%	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	750	304	146.7%	845	-11.2%	12,995	23,464	-44.6%
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	1,820	-100.0%	0	0.0%	2,535	5,975	-57.6%
ULSD UP-DOWN BALMO SWP	1L	10,125	4,110	146.4%	6,255	61.9%	65,174	62,006	5.1%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Futures</b>									
UP DOWN GC ULSD VS NMX HO	LT	27,495	27,549	-0.2%	30,319	-9.3%	405,553	531,625	-23.7%
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	47,449	27,581	72.0%	80,450	-41.0%	619,958	431,790	43.6%
WTI CALENDAR	CS	70,518	43,143	63.5%	54,416	29.6%	646,238	698,294	-7.5%
WTI MIDLAND CRUDE OIL	WTL	400	0	0.0%	0	0.0%	3,055	300	918.3%
WTS (ARGUS) VS WTI SWAP	FF	480	1,450	-66.9%	0	0.0%	38,836	56,600	-31.4%
WTS (ARGUS) VS WTI TRD MT	FH	30	685	-95.6%	300	-90.0%	6,405	13,074	-51.0%
<b>Energy Options</b>									
BRENT CALENDAR SWAP	BA	0	99	-100.0%	45	-100.0%	3,106	7,629	-59.3%
BRENT CRUDE OIL 1 M CSO	9C	500	0	0.0%	0	0.0%	198,550	36,675	441.4%
BRENT OIL LAST DAY	BE	6,000	32,902	-81.8%	7,649	-21.6%	237,991	411,516	-42.2%
BRENT OIL LAST DAY	BZO	28,619	32,691	-12.5%	50,182	-43.0%	319,491	555,154	-42.5%
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	25	0	-	190	-86.8%	1,605	0	-
COAL API2 INDEX	F2Q	0	0	-	50	-100.0%	1,110	0	-
CRUDE OIL	6Y	0	0	0.0%	0	0.0%	0	50	-100.0%
CRUDE OIL 1MO	WA	74,325	115,550	-35.7%	58,910	26.2%	1,314,275	2,221,732	-40.8%
CRUDE OIL APO	AO	81,933	64,678	26.7%	16,172	406.6%	417,103	686,055	-39.2%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0.0%	0	170	-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	11,020	4,775	130.8%	21,909	-49.7%	152,515	120,264	26.8%
CRUDE OIL PHY	LO	2,413,866	1,655,729	45.8%	3,366,581	-28.3%	30,006,061	29,567,191	1.5%
CRUDE OIL PHY	LO1	17,668	11,626	52.0%	53,714	-67.1%	257,286	194,719	32.1%
CRUDE OIL PHY	LO2	15,475	7,299	112.0%	28,941	-46.5%	210,407	120,386	74.8%
CRUDE OIL PHY	LO3	14,998	5,794	158.9%	28,733	-47.8%	165,813	123,972	33.8%
CRUDE OIL PHY	LO4	18,498	9,713	90.4%	40,349	-54.2%	278,637	195,102	42.8%
CRUDE OIL PHY	LO5	21,813	0	0.0%	0	0.0%	101,120	59,518	69.9%
ELEC FINSETTLED	PJN	0	0	0.0%	0	0.0%	0	43	-100.0%
ETHANOL SWAP	CVR	5,165	2,865	80.3%	6,173	-16.3%	41,665	51,531	-19.1%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Options</b>									
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	0	600	-100.0%
FREIGHT MARKETS	TDT	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	0	1,800	-100.0%	0	0.0%	1,980	3,000	-34.0%
HEATING OIL PHY	FZ	0	0	-	0	0.0%	2,225	0	-
HEATING OIL PHY	LB	1,170	0	0.0%	0	0.0%	3,081	3,527	-12.6%
HEATING OIL PHY	OH	11,822	6,691	76.7%	12,072	-2.1%	103,509	153,729	-32.7%
HENRY HUB FINANCIAL LAST	E7	12,693	5,475	131.8%	5,312	138.9%	100,742	82,335	22.4%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0.0%	200	100	100.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	-	0	0	0.0%
LLS CRUDE OIL	WTO	1,800	0	0.0%	0	0.0%	1,800	1,400	28.6%
MCCLOSKEY ARA ARG5 COAL	MTO	0	2,856	-100.0%	0	0.0%	540	11,104	-95.1%
MCCLOSKEY RCH BAY COAL	MFO	0	0	0.0%	0	0.0%	0	475	-100.0%
NATURAL GAS 1 M CSO FIN	G4	98,593	36,350	171.2%	76,220	29.4%	745,621	1,125,958	-33.8%
NATURAL GAS 2 M CSO FIN	G2	8,250	8,300	-0.6%	8,150	1.2%	38,500	27,950	37.7%
NATURAL GAS 3 M CSO FIN	G3	0	6,200	-100.0%	0	0.0%	247,994	500,225	-50.4%
NATURAL GAS 5 M CSO FIN	G5	169	1,000	-83.1%	5,250	-96.8%	18,819	12,450	51.2%
NATURAL GAS 6 M CSO FIN	G6	12,650	600	2,008.3%	7,050	79.4%	127,600	152,000	-16.1%
NATURAL GAS OPT	JKO	1,800	0	-	2,500	-28.0%	23,360	0	-
NATURAL GAS OPT	TFO	0	900	-100.0%	0	0.0%	153,770	217,820	-29.4%
NATURAL GAS OPTION ON CALENDAR STRP	6J	530	5,500	-90.4%	2,100	-74.8%	63,850	38,580	65.5%
NATURAL GAS PHY	KD	475	2,490	-80.9%	285	66.7%	21,210	42,853	-50.5%
NATURAL GAS PHY	LN	1,278,571	2,187,003	-41.5%	1,334,882	-4.2%	23,727,461	28,452,319	-16.6%
NATURAL GAS PHY	ON	78,147	79,450	-1.6%	80,152	-2.5%	1,043,355	1,457,403	-28.4%
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	627	1,396	-55.1%	2,342	-73.2%	12,632	19,274	-34.5%
PETROCHEMICALS	4H	420	4	10,400.0%	390	7.7%	10,322	664	1,454.5%
PETROCHEMICALS	4J	80	0	0.0%	0	0.0%	1,395	630	121.4%
PETROCHEMICALS	4K	0	0	0.0%	0	0.0%	0	1,040	-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	210	225	-6.7%	120	75.0%	1,620	1,540	5.2%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0.0%	0	770	-100.0%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Options</b>									
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	-	0	0	0.0%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0.0%	1,274	2,161	-41.0%
RBOB CRACK	RX	0	0	0.0%	0	-	0	0	0.0%
RBOB PHY	OB	3,074	4,294	-28.4%	6,442	-52.3%	85,187	95,724	-11.0%
RBOB PHY	RF	30	0	0.0%	0	0.0%	510	1,043	-51.1%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0.0%	0	0	0.0%
SHORT TERM	U11	0	100	-100.0%	0	0.0%	50	250	-80.0%
SHORT TERM	U12	0	0	0.0%	50	-100.0%	150	600	-75.0%
SHORT TERM	U13	350	0	0.0%	0	0.0%	550	600	-8.3%
SHORT TERM	U14	50	0	0.0%	0	0.0%	350	200	75.0%
SHORT TERM	U15	0	100	-100.0%	0	0.0%	350	800	-56.3%
SHORT TERM	U22	100	100	0.0%	0	0.0%	100	100	0.0%
SHORT TERM	U23	0	0	0.0%	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%	50	-100.0%	275	500	-45.0%
SHORT TERM NATURAL GAS	U02	0	150	-100.0%	0	0.0%	650	700	-7.1%
SHORT TERM NATURAL GAS	U03	50	0	0.0%	0	0.0%	150	650	-76.9%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	200	-100.0%	550	1,350	-59.3%
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	150	433.3%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0.0%	325	600	-45.8%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0.0%	50	400	-87.5%
SHORT TERM NATURAL GAS	U09	0	50	-100.0%	0	0.0%	300	300	0.0%
SHORT TERM NATURAL GAS	U10	50	0	0.0%	0	0.0%	150	450	-66.7%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0.0%	75	300	-75.0%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0.0%	150	375	-60.0%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0.0%	100	200	-50.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0.0%	0	325	-100.0%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0.0%	300	300	0.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	300	200	50.0%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0.0%	50	1,150	-95.7%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	100	600	-83.3%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOIUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Energy Options</b>									
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0.0%	50	950	-94.7%
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	54,825	23,150	136.8%	54,425	0.7%	390,750	531,332	-26.5%
WTI CRUDE OIL 1 M CSO FI	7A	11,450	18,800	-39.1%	40,085	-71.4%	758,235	1,018,670	-25.6%
<b>Metals Futures</b>									
COMEX GOLD	GC	3,073,611	4,035,415	-23.8%	6,130,590	-49.9%	58,464,997	78,127,531	-25.2%
NYMEX HOT ROLLED STEEL	HR	19,761	16,901	16.9%	17,776	11.2%	246,817	220,406	12.0%
NYMEX PLATINUM	PL	445,429	466,080	-4.4%	364,392	22.2%	4,450,863	4,577,531	-2.8%
PALLADIUM	PA	37,373	31,951	17.0%	84,800	-55.9%	604,582	687,787	-12.1%
URANIUM	UX	0	0	0.0%	0	0.0%	1,183	1,855	-36.2%
COMEX SILVER	SI	1,008,147	1,682,020	-40.1%	1,880,818	-46.4%	19,669,534	26,126,771	-24.7%
COMEX E-Mini GOLD	QO	16,417	24,464	-32.9%	26,937	-39.1%	269,903	386,925	-30.2%
COMEX E-Mini SILVER	QI	3,111	6,393	-51.3%	5,279	-41.1%	67,532	106,315	-36.5%
COMEX COPPER	HG	1,162,290	1,551,708	-25.1%	1,977,841	-41.2%	24,584,525	24,317,772	1.1%
COMEX MINY COPPER	QC	3,743	1,956	91.4%	8,864	-57.8%	59,580	13,863	329.8%
ALUMINUM	A38	0	0	0.0%	0	0.0%	174	0	0.0%
ALUMINUM	AEP	4,418	1,094	303.8%	3,923	12.6%	35,266	37,909	-7.0%
ALUMINUM	ALA	120	0	0.0%	60	100.0%	3,825	1,809	111.4%
ALUMINUM	ALI	15,186	2,257	572.8%	13,922	9.1%	145,189	43,347	234.9%
ALUMINUM	AUP	11,542	4,556	153.3%	9,917	16.4%	84,966	108,633	-21.8%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	0	50	-100.0%
ALUMINUM	EDP	6,966	1,030	576.3%	6,218	12.0%	46,528	41,031	13.4%
ALUMINUM	MJP	2,412	720	235.0%	1,992	21.1%	7,574	11,870	-36.2%
COBALT METAL FUTURES	COB	175	3	5,733.3%	273	-35.9%	3,397	3	113,133.3%
COPPER	HGS	3,311	2,362	40.2%	1,337	147.6%	27,349	35,352	-22.6%
FERROUS PRODUCTS	BUS	810	3,032	-73.3%	1,243	-34.8%	16,878	26,448	-36.2%
GOLD	4GC	0	44	-100.0%	0	0.0%	116	778	-85.1%
GOLD	SGC	1,851	281	558.7%	566	227.0%	19,314	18,352	5.2%
GOLD	SGU	12,237	2,260	441.5%	14,715	-16.8%	84,995	60,730	40.0%
HOT ROLLED COIL STEEL FUTURES	EHR	1,341	738	81.7%	1,742	-23.0%	14,036	6,500	115.9%
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	-	0	0	0.0%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG
<b>Metals Futures</b>									
IRON ORE 62 CHINA TSI FUTURES	TIO	0	0	0.0%	0	0.0%	0	14,498	-100.0%
IRON ORE CHINA	TIO	715	1,718	-58.4%	1,630	-56.1%	11,731	8,553	37.2%
LNDN ZINC	ZNC	0	0	0.0%	0	-	0	0	0.0%
METALS	HDG	0	150	-100.0%	0	0.0%	143	180	-20.6%
METALS	LTH	3	0	-	0	0.0%	13	0	-
MICRO GOLD	MGC	730,417	1,599,830	-54.3%	1,271,788	-42.6%	13,924,959	21,783,469	-36.1%
SILVER	SIL	96,084	302,609	-68.2%	131,283	-26.8%	2,197,275	2,449,936	-10.3%
<b>Metals Options</b>									
ALUMINUM	ALO	0	0	0.0%	0	0.0%	2,250	150	1,400.0%
COMEX COPPER	HX	34,882	23,118	50.9%	45,922	-24.0%	748,743	428,124	74.9%
COMEX GOLD	OG	454,979	592,176	-23.2%	850,608	-46.5%	8,310,194	13,213,356	-37.1%
COMEX SILVER	SO	83,339	117,242	-28.9%	118,369	-29.6%	1,761,760	2,213,958	-20.4%
COPPER	H1E	0	0	0.0%	38	-100.0%	85	1,083	-92.2%
COPPER	H2E	15	0	0.0%	55	-72.7%	113	692	-83.7%
COPPER	H3E	63	0	0.0%	35	80.0%	131	742	-82.3%
COPPER	H4E	18	0	0.0%	11	63.6%	178	370	-51.9%
COPPER	H5E	1	0	0.0%	0	0.0%	8	692	-98.8%
GOLD	OG1	20,339	38,124	-46.7%	64,964	-68.7%	505,991	427,573	18.3%
GOLD	OG2	32,242	40,647	-20.7%	72,133	-55.3%	519,410	468,511	10.9%
GOLD	OG3	37,735	37,046	1.9%	54,970	-31.4%	508,626	392,555	29.6%
GOLD	OG4	25,583	21,451	19.3%	54,743	-53.3%	352,749	329,297	7.1%
GOLD	OG5	20,464	0	0.0%	0	0.0%	144,066	124,762	15.5%
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	100	120	-16.7%	0	0.0%	6,298	500	1,159.6%
NYMEX HOT ROLLED STEEL	HRO	1,055	300	251.7%	830	27.1%	4,855	1,275	280.8%
NYMEX PLATINUM	PO	1,533	1,568	-2.2%	2,855	-46.3%	34,803	28,347	22.8%
PALLADIUM	PAO	156	87	79.3%	68	129.4%	6,786	6,969	-2.6%
SILVER	SO1	2,910	1,402	107.6%	5,586	-47.9%	39,611	28,425	39.4%
SILVER	SO2	3,647	1,225	197.7%	6,754	-46.0%	43,865	26,446	65.9%
SILVER	SO3	3,590	2,595	38.3%	3,490	2.9%	36,099	24,194	49.2%
SILVER	SO4	2,909	1,155	151.9%	3,109	-6.4%	25,530	17,061	49.6%



## NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME DEC 2021	VOLUME DEC 2020	% CHG	VOLUME NOV 2021	% CHG	VOLUME Y.T.D 2021	VOLUME Y.T.D 2020	% CHG	
<b>Metals Options</b>									
SILVER	SO5	2,653	0	0.0%	0	0.0%	11,483	7,544	52.2%
<b>TOTAL FUTURES GROUP</b>									
Ag Products Futures		0	2	-100.0%	0	0.0%	2	71	-97.2%
Energy Futures		36,475,145	34,662,804	5.2%	45,123,045	-19.2%	489,838,213	537,358,289	-8.8%
Metals Futures		6,657,470	9,739,572	-31.6%	11,957,906	-44.3%	125,043,244	159,216,204	-21.5%
<b>TOTAL FUTURES</b>		<b>43,132,615</b>	<b>44,402,378</b>	<b>-2.9%</b>	<b>57,080,951</b>	<b>-24.4%</b>	<b>614,881,459</b>	<b>696,574,564</b>	<b>-11.7%</b>
<b>TOTAL OPTIONS GROUP</b>									
Energy Options		4,287,891	4,336,705	-1.1%	5,317,675	-19.4%	61,401,307	68,325,415	-10.1%
Metals Options		728,213	878,256	-17.1%	1,284,540	-43.3%	13,063,634	17,752,790	-26.4%
<b>TOTAL OPTIONS</b>		<b>5,016,104</b>	<b>5,214,961</b>	<b>-3.8%</b>	<b>6,602,215</b>	<b>-24.0%</b>	<b>74,464,941</b>	<b>86,078,205</b>	<b>-13.5%</b>
<b>TOTAL COMBINED</b>									
Ag Products		0	2	-100.0%	0	-	2	71	-97.2%
Energy		40,763,036	38,999,509	4.5%	50,440,720	-19.2%	551,239,520	605,683,704	-9.0%
Metals		7,385,683	10,617,828	-30.4%	13,242,446	-44.2%	138,106,878	176,968,994	-22.0%
<b>GRAND TOTAL</b>		<b>48,148,719</b>	<b>49,617,339</b>	<b>-3.0%</b>	<b>63,683,166</b>	<b>-24.4%</b>	<b>689,346,400</b>	<b>782,652,769</b>	<b>-11.9%</b>