



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Ag Products Futures									
COCOA TAS	CJ	0	0	0.0%	0	0.0%	0	8	-100.0%
COFFEE	KT	0	2	-100.0%	0	0.0%	2	2	0.0%
COTTON	TT	0	0	0.0%	27	-100.0%	57	38	50.0%
SUGAR 11	YO	0	0	0.0%	0	0.0%	10	10	0.0%
Energy Futures									
CRUDE OIL PHY	CL	17,680,268	19,066,149	-7.3%	17,062,994	3.6%	258,746,203	272,138,115	-4.9%
CRUDE OIL	WS	10,000	0	0.0%	10,000	0.0%	31,422	16,694	88.2%
MINY WTI CRUDE OIL	QM	300,288	358,951	-16.3%	306,991	-2.2%	6,555,526	5,161,441	27.0%
BRENT OIL LAST DAY	BZ	1,821,166	1,741,580	4.6%	1,658,649	9.8%	24,472,707	23,835,848	2.7%
HEATING OIL PHY	HO	3,420,396	3,973,786	-13.9%	3,714,639	-7.9%	41,027,253	39,684,108	3.4%
HTG OIL	BH	0	0	0.0%	0	0.0%	108	96	12.5%
MINY HTG OIL	QH	3	4	-25.0%	8	-62.5%	55	36	52.8%
RBOB PHY	RB	3,385,991	3,585,704	-5.6%	3,635,087	-6.9%	43,053,907	46,413,988	-7.2%
MINY RBOB GAS	QU	8	6	33.3%	10	-20.0%	78	69	13.0%
NATURAL GAS	HP	131,638	96,856	35.9%	164,899	-20.2%	1,721,888	1,245,485	38.3%
LTD NAT GAS	HH	296,163	291,576	1.6%	409,929	-27.8%	2,973,970	3,312,657	-10.2%
MINY NATURAL GAS	QG	151,621	58,117	160.9%	207,566	-27.0%	1,414,476	385,549	266.9%
PJM MONTHLY	JM	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS PHY	NG	8,484,666	9,960,500	-14.8%	9,313,292	-8.9%	111,344,658	94,057,178	18.4%
RBOB GAS	RT	0	0	0.0%	12	-100.0%	84	84	0.0%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0.0%	20	97	-79.4%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0.0%	0	20	-100.0%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	VM	0	0	0.0%	0	-	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	-	0	0	0.0%
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	-	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	E5	13,790	3,935	250.4%	7,020	96.4%	70,795	87,329	-18.9%
ARGUS PROPAN FAR EST INDE	7E	4,936	5,190	-4.9%	6,125	-19.4%	57,359	67,455	-15.0%
ARGUS PROPAN(SAUDI ARAMCO	9N	2,226	2,747	-19.0%	2,777	-19.8%	25,224	32,699	-22.9%
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	-	0	0	0.0%
AUSTRIALIAN COKE COAL	ALW	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 NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
BRENT BALMO SWAP	J9	100	0	0.0%	0	0.0%	1,506	1,960	-23.2%
BRENT CALENDAR SWAP	CY	2,161	7,638	-71.7%	10,014	-78.4%	76,297	81,795	-6.7%
BRENT CFD SWAP	6W	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0.0%	2,200	7,000	-68.6%
BRENT FINANCIAL FUTURES	MBC	0	58	-100.0%	0	0.0%	185	1,539	-88.0%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0.0%	260	0	0.0%
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%
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	-	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ETHANOL SWAP	CU	65,034	75,564	-13.9%	67,166	-3.2%	815,660	1,107,340	-26.3%
CHICAGO ULSD PL VS HO SPR	5C	100	651	-84.6%	50	100.0%	7,147	6,016	18.8%
CHICAGO UNL GAS PL VS RBO	3C	825	0	0.0%	0	0.0%	2,115	1,370	54.4%
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	0.0%
CINERGY HUB PEAK MONTH	EM	0	0	0.0%	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	K2	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0.0%	1,346	4,872	-72.4%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0.0%	0	3,920	-100.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0.0%	0	325	-100.0%
COAL SWAP	ACM	0	0	0.0%	0	0.0%	0	0	0.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0.0%	0	364	-100.0%
CONWAY NATURAL GASOLINE (OPIS) SWAP	8L	20	222	-91.0%	106	-81.1%	2,700	2,584	4.5%
CONWAY NORMAL BUTANE (OPIS) SWAP	8M	346	675	-48.7%	457	-24.3%	4,399	5,417	-18.8%
CONWAY PROPANE 5 DECIMALS SWAP	8K	7,981	12,903	-38.1%	12,913	-38.2%	173,788	160,913	8.0%
CRUDE OIL	LPS	0	3,300	-100.0%	0	0.0%	4,295	33,110	-87.0%
CRUDE OIL LAST DAY	26	241	0	-	0	0.0%	936	0	-
CRUDE OIL OUTRIGHTS	42	362	285	27.0%	150	141.3%	12,876	4,250	203.0%
CRUDE OIL OUTRIGHTS	CC5	468	960	-51.3%	1,110	-57.8%	5,774	4,781	20.8%
CRUDE OIL OUTRIGHTS	CPD	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	CSW	370	40	825.0%	3,709	-90.0%	4,274	3,278	30.4%
CRUDE OIL OUTRIGHTS	DAB	0	0	-	0	0.0%	340	0	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0.0%	0	730	-100.0%
CRUDE OIL OUTRIGHTS	GSW	0	15	-100.0%	10	-100.0%	2,720	296	818.9%
CRUDE OIL OUTRIGHTS	HTT	42,987	65,605	-34.5%	53,310	-19.4%	804,228	641,505	25.4%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
CRUDE OIL OUTRIGHTS	LSW	180	1,305	-86.2%	2,211	-91.9%	9,487	4,488	111.4%
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	UMD	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	UNS	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCW	3,155	2,770	13.9%	1,450	117.6%	27,270	42,210	-35.4%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	2,040	6,630	-69.2%	1,154	76.8%	40,518	175,493	-76.9%
CRUDE OIL SPRDS	38	0	150	-100.0%	0	0.0%	0	150	-100.0%
CRUDE OIL SPRDS	ANT	0	0	-	0	0.0%	1,330	0	-
CRUDE OIL SPRDS	HIL	15,035	0	0.0%	9,546	57.5%	47,567	900	5,185.2%
CRUDE OIL SPRDS	WTT	5,533	12,860	-57.0%	10,488	-47.2%	232,363	228,584	1.7%
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%	640	0	-
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0.0%	244	1,000	-75.6%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	-	0	0	0.0%
DOMINION TRAN INC - APP I	IH	0	0	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%	300	0	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	240	-100.0%	0	0.0%	10,650	18,055	-41.0%
DUTCH TTF NATURAL GAS CAL MONTH FUT	TTF	27,631	25,206	9.6%	39,210	-29.5%	368,419	126,840	190.5%
EASTERN RAIL DELIVERY CSX	QX	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 NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0.0%	0	20	-100.0%
EIA FLAT TAX ONHWAY DIESEL	A5	180	36	400.0%	1,965	-90.8%	9,425	3,422	175.4%
ELEC ERCOT DLY OFF PK	I4	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	I3	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT OFF PEAK	I2	0	0	0.0%	0	-	0	0	0.0%
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	0.0%
ELEC MISO PEAK	55	0	0	0.0%	0	-	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	58	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%
ERCOT HOUSTON Z MCPE 5MW PEAK SWAP	I1	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK	I8	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OFFPEAK SWAP	I6	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW PEAK	I5	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	MTH	10	0	0.0%	20	-50.0%	70	50	40.0%
ETHANOL	Z1B	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	MT2	730	70	942.9%	80	812.5%	2,168	960	125.8%
ETHANOL T2 FOB ROTT INCL DUTY SWAP	Z1	5,038	5,541	-9.1%	4,511	11.7%	46,334	41,013	13.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0.0%	0	3	-100.0%
EURO 3.5% FUEL OIL RDAM B	KR	0	95	-100.0%	0	0.0%	65	566	-88.5%
EURO 3.5% FUEL OIL SPREAD	FK	0	10	-100.0%	0	0.0%	22	182	-87.9%
EURO-DENOMINATED PETRO PROD	NCP	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0.0%	75	0	0.0%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0.0%	0	644	-100.0%
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	15	-100.0%	0	0.0%	37	400	-90.8%
EUROPE 3.5% FUEL OIL RDAM	UV	0	1,152	-100.0%	12	-100.0%	2,372	10,610	-77.6%
EUROPEAN GASOIL (ICE)	7F	32	84	-61.9%	0	0.0%	339	1,228	-72.4%
EUROPEAN NAPHTHA BALMO	KZ	3	15	-80.0%	0	0.0%	86	1,448	-94.1%
EUROPEAN NAPHTHA CRACK SPR	EN	712	3,101	-77.0%	1,021	-30.3%	13,928	40,565	-65.7%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0.0%	70	1,633	-95.7%
EUROPE JET KERO NWE CALSW	UJ	0	0	0.0%	0	0.0%	0	8	-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 NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
EURO NAPHTHA CALSWAP	UN	402	567	-29.1%	488	-17.6%	5,398	17,077	-68.4%
EURO PROPANE CIF ARA SWA	PS	1,140	1,941	-41.3%	1,284	-11.2%	17,667	20,962	-15.7%
FREIGHT MARKETS	ACB	0	0	0.0%	0	0.0%	735	1,020	-27.9%
FREIGHT MARKETS	BF1	0	0	-	0	0.0%	15	0	-
FREIGHT MARKETS	BF2	150	0	-	110	36.4%	1,407	0	-
FREIGHT MARKETS	BF3	0	0	-	0	0.0%	0	0	-
FREIGHT MARKETS	FLP	0	25	-100.0%	140	-100.0%	2,299	1,516	51.6%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0.0%	40	1,652	-97.6%
FREIGHT MARKETS	FRS	0	10	-100.0%	0	0.0%	0	80	-100.0%
FREIGHT MARKETS	T2D	145	390	-62.8%	30	383.3%	1,963	6,090	-67.8%
FREIGHT MARKETS	T7C	20	0	-	115	-82.6%	270	0	-
FREIGHT MARKETS	TC6	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	TD3	0	0	0.0%	0	0.0%	0	140	-100.0%
FREIGHT MARKETS	TD8	0	0	0.0%	0	0.0%	0	60	-100.0%
FREIGHT MARKETS	USC	0	0	0.0%	0	0.0%	90	280	-67.9%
FREIGHT MARKETS	USE	15	0	-	725	-97.9%	800	0	-
FUEL OIL CRACK VS ICE	FO	64	2,049	-96.9%	70	-8.6%	2,644	19,161	-86.2%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0.0%	0	15	-100.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0.0%	0	6	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0.0%	0	0	0.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	55	-100.0%	0	0.0%	51	1,584	-96.8%
GAS EURO-BOB OXY NWE BARGES	7H	300	1,890	-84.1%	712	-57.9%	14,486	50,067	-71.1%
GAS EURO-BOB OXY NWE BARGES CRK	7K	1,799	8,606	-79.1%	2,793	-35.6%	59,035	86,280	-31.6%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	17	0	0.0%	0	0.0%	17	21	-19.0%
GASOIL 0.1 ROTTERDAM BARG	VL	5	0	0.0%	15	-66.7%	105	139	-24.5%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0.0%	0	39	-100.0%
GASOIL CALENDAR SWAP	GX	23	122	-81.1%	23	0.0%	312	275	13.5%
GASOIL CRACK SPREAD CALEN	GZ	0	3,672	-100.0%	21	-100.0%	12,428	10,526	18.1%
GASOIL MINI CALENDAR SWAP	QA	185	1,433	-87.1%	465	-60.2%	5,815	5,283	10.1%
GERMAN POWER BASELOAD CAL MONTH FU	DEB	114	811	-85.9%	0	0.0%	10,066	23,953	-58.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0.0%	0	0	0.0%
GROUP THREE UNLEAD GAS (P	A9	0	0	0.0%	0	0.0%	0	300	-100.0%
GRP THREE ULSD(PLT)VS HEA	A6	2,075	1,015	104.4%	1,932	7.4%	37,463	36,464	2.7%

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
GRP THREE UNL GS (PLT) VS	A8	1,405	1,185	18.6%	2,060	-31.8%	27,583	27,312	1.0%
GULF COAST 3% FUEL OIL BA	VZ	0	304	-100.0%	375	-100.0%	2,941	8,828	-66.7%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0.0%	3,153	267	1,080.9%
GULF COAST JET VS NYM 2 H	ME	11,333	7,160	58.3%	15,079	-24.8%	188,804	210,663	-10.4%
GULF COAST NO.6 FUEL OIL	MF	5,148	15,229	-66.2%	5,022	2.5%	117,647	241,126	-51.2%
GULF COAST NO.6 FUEL OIL	MG	0	700	-100.0%	0	0.0%	482	3,138	-84.6%
GULF COAST ULSD CALENDAR	LY	76	96	-20.8%	1,914	-96.0%	9,805	3,816	156.9%
GULF COAST ULSD CRACK SPR	GY	0	0	0.0%	0	0.0%	1,410	360	291.7%
HEATING OIL BALMO CLNDR S	1G	100	0	0.0%	100	0.0%	1,517	565	168.5%
HEATING OIL CRCK SPRD BAL	1H	0	0	0.0%	0	0.0%	0	18	-100.0%
HEATING OIL PHY	HOL	0	0	0.0%	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	4,960	-100.0%	0	0.0%	6,680	21,170	-68.4%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	0.0%	75	0	0.0%
HENRY HUB FINANCIAL LAST	TTE	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB INDEX SWAP FUTU	IN	0	4,960	-100.0%	0	0.0%	8,392	21,170	-60.4%
HENRY HUB SWAP	NN	15,916	88,866	-82.1%	52,614	-69.7%	721,082	1,060,024	-32.0%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0.0%	0	736	-100.0%
ICE BRENT DUBAI SWAP	DB	830	7,875	-89.5%	430	93.0%	33,665	63,086	-46.6%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	FAD	0	0	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	20	125	-84.0%	200	-90.0%	1,941	3,505	-44.6%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	-	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	-	0	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0.0%	150	196	-23.5%
JAPAN C&F NAPHTHA SWAP	JA	9	206	-95.6%	33	-72.7%	1,679	10,074	-83.3%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0.0%	33	333	-90.1%
JET AV FUEL (P) CAR FM ICE GAS SWAP	1V	0	0	0.0%	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0.0%	0	262	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0.0%	0	132	-100.0%
JET FUEL UP-DOWN BALMO CL	1M	940	1,775	-47.0%	1,095	-14.2%	18,408	43,348	-57.5%
JKM LNG Futures	JKM	35	3,366	-99.0%	5,650	-99.4%	19,263	20,742	-7.1%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0.0%	2,517	400	529.3%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
LA CARBOB GASOLINE(OPIS)S	JL	50	0	0.0%	0	0.0%	675	2,875	-76.5%
LA JET (OPIS) SWAP	JS	450	275	63.6%	225	100.0%	6,115	12,884	-52.5%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	540	1,244	-56.6%	240	125.0%	7,895	19,989	-60.5%
LOS ANGELES CARB GASOLINE	MH	0	0	0.0%	0	0.0%	15	10	50.0%
MARS (ARGUS) VS WTI SWAP	YX	0	200	-100.0%	120	-100.0%	2,600	14,755	-82.4%
MARS (ARGUS) VS WTI TRD M	YV	11,830	13,105	-9.7%	9,666	22.4%	168,596	199,018	-15.3%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0.0%	100	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTF	24,974	30,522	-18.2%	23,473	6.4%	231,662	337,025	-31.3%
MCCLOSKEY RCH BAY COAL	MFF	850	1,544	-44.9%	494	72.1%	10,475	24,962	-58.0%
MGF FUT	MGF	0	0	0.0%	0	0.0%	0	10	-100.0%
MGN1 SWAP FUT	MGN	0	10	-100.0%	20	-100.0%	270	510	-47.1%
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	0.0%
MICHIGAN MISO	HMW	0	0	0.0%	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE ARGS BALMO	MEB	39	84	-53.6%	334	-88.3%	778	2,079	-62.6%
MINI RBOB V. EBOBARG NWE BRGS BALMO	MXR	0	0	0.0%	0	0.0%	1,691	3,910	-56.8%
MINI RBOB V. EBOB(ARGUS) NWE BRGS	MXB	305	1,072	-71.5%	834	-63.4%	7,451	20,394	-63.5%
MJC FUT	MJC	0	0	0.0%	0	0.0%	0	150	-100.0%
MNC FUT	MNC	277	1,385	-80.0%	360	-23.1%	11,228	35,961	-68.8%
MONT BELVIEU ETHANE 5 DECIMAL	C0	19,547	11,813	65.5%	36,783	-46.9%	284,614	173,360	64.2%
MONT BELVIEU ETHANE OPIS BALMO	8C	67	110	-39.1%	710	-90.6%	3,530	1,504	134.7%
MONT BELVIEU LDH PROPANE 5 DECIMAL	B0	129,616	135,386	-4.3%	170,009	-23.8%	1,849,485	1,587,630	16.5%
MONT BELVIEU LDH PROPANE OPIS BALMO	8O	827	1,764	-53.1%	3,792	-78.2%	24,011	30,550	-21.4%
MONT BELVIEU NATURAL GASOLINE 5 DEC	7Q	16,357	14,486	12.9%	11,726	39.5%	314,073	98,706	218.2%
MONT BELVIEU NATURAL GASOLINE BALMO	R0	635	685	-7.3%	350	81.4%	9,895	7,156	38.3%
MONT BELVIEU NORMAL BUTANE 5 DECIMAL	D0	68,245	57,022	19.7%	67,561	1.0%	745,182	529,447	40.7%
MONT BELVIEU NORMAL BUTANE BALMO	8J	1,295	916	41.4%	1,897	-31.7%	14,925	13,905	7.3%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	XIC	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	NP	50,617	33,654	50.4%	132,314	-61.7%	695,695	329,369	111.2%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	-	0	0	0.0%
NEPOOL CONECTCT 5MW D AH	P2	0	0	0.0%	0	-	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0.0%	13,992	71,600	-80.5%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0.0%	768	220	249.1%

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 NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG	
Energy Futures									
NEPOOL NE MASS 5MW D AH O	P8	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%	
NEPOOL RHD ISLD 5MW D AH	U4	0	0.0%	0	-	0	0	0.0%	
NEPOOL RHODE IL 5MW D AH	U5	0	0.0%	0	-	0	0	0.0%	
NEPOOL W CNT MASS 5MW D A	L9	0	0.0%	0	-	0	0	0.0%	
NEPOOL W CNTR M 5MW D AH	R6	0	0.0%	0	-	0	0	0.0%	
NEW ENGLAND HUB PEAK DAIL	CE	0	0.0%	0	0.0%	0	0	0.0%	
NEW YORK ETHANOL SWAP	EZ	25	1,380	-98.2%	135	-81.5%	6,844	9,348	-26.8%
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	1,760	-100.0%
NGPL TEX/OK	PD	0	0	0.0%	0	0.0%	0	2,696	-100.0%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	UM	0	0	0.0%	0	-	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	UT	0	0	0.0%	0	0.0%	225	925	-75.7%
NORTHEN NATURAL GAS DEMAR	PE	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VENTU	PF	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS S	NR	0	0	0.0%	0	0.0%	0	3,106	-100.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	VR	50	305	-83.6%	0	0.0%	2,618	4,987	-47.5%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0.0%	0	775	-100.0%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0.0%	0	25	-100.0%
NY HARBOR HEAT OIL SWP	MP	2,774	715	288.0%	1,617	71.6%	34,739	23,017	50.9%
NY HARBOR LOW SULPUR GAS 1000MBBL	NLS	0	0	0.0%	0	0.0%	0	390	-100.0%
NY HARBOR RESIDUAL FUEL 1	MM	110	2,305	-95.2%	195	-43.6%	7,443	9,368	-20.5%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	1,575	150	950.0%	0	0.0%	9,351	5,175	80.7%
NYISO CAPACITY	LHV	0	0	0.0%	0	0.0%	0	620	-100.0%
NYISO CAPACITY	NNC	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0.0%	0	60	-100.0%
NYISO J	KJ	0	0	0.0%	0	-	0	0	0.0%
NYISO J OFF-PEAK	KK	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	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0.0%	0	101,424	-100.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0.0%	0	8,394	-100.0%
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%	700	2,000	-65.0%
NY ULSD (ARGUS) VS HEATING OIL	7Y	280	0	0.0%	13	2,053.8%	5,189	2,770	87.3%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0.0%	0	1,860	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	-	0	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0.0%	0	25	-100.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0.0%	0	100	-100.0%
PANHANDLE BASIS SWAP FUTU	PH	0	0	0.0%	0	0.0%	56	0	0.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	-	0	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	145	160	-9.4%	194	-25.3%	1,387	1,883	-26.3%
PETROCHEMICALS	32	34	89	-61.8%	33	3.0%	764	1,138	-32.9%
PETROCHEMICALS	3NA	0	0	0.0%	6	-100.0%	34	49	-30.6%
PETROCHEMICALS	51	3	0	0.0%	0	0.0%	24	79	-69.6%
PETROCHEMICALS	81	0	0	-	0	0.0%	60	0	-
PETROCHEMICALS	8I	192	1,049	-81.7%	650	-70.5%	9,035	7,667	17.8%
PETROCHEMICALS	91	314	627	-49.9%	448	-29.9%	3,599	5,604	-35.8%
PETROCHEMICALS	MAA	0	0	0.0%	0	0.0%	1,295	280	362.5%
PETROCHEMICALS	MAE	500	408	22.5%	610	-18.0%	7,642	4,069	87.8%
PETROCHEMICALS	MAS	160	40	300.0%	250	-36.0%	3,176	2,282	39.2%
PETROCHEMICALS	MBE	510	700	-27.1%	120	325.0%	2,610	3,965	-34.2%
PETROCHEMICALS	MNB	10	390	-97.4%	0	0.0%	1,704	6,530	-73.9%
PETROCHEMICALS	MPS	127	224	-43.3%	211	-39.8%	3,666	2,424	51.2%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0.0%	0	50	-100.0%
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%	75	-100.0%	375	332	13.0%
PETRO CRCKS & SPRDS NA	CRB	11,750	4,200	179.8%	14,517	-19.1%	179,331	73,016	145.6%
PETRO CRCKS & SPRDS NA	EXR	494	2,887	-82.9%	604	-18.2%	11,150	26,907	-58.6%
PETRO CRCKS & SPRDS NA	FOC	0	100	-100.0%	100	-100.0%	100	3,870	-97.4%
PETRO CRCKS & SPRDS NA	GBB	925	125	640.0%	130	611.5%	4,701	6,124	-23.2%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0.0%	405	0	0.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
PETRO CRCKS & SPRDS NA	GCI	0	1,243	-100.0%	100	-100.0%	5,882	13,479	-56.4%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0.0%	0	300	-100.0%
PETRO CRCKS & SPRDS NA	GCU	200	8,240	-97.6%	268	-25.4%	15,623	40,068	-61.0%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0.0%	0	100	-100.0%
PETRO CRCKS & SPRDS NA	HOB	200	745	-73.2%	465	-57.0%	9,175	18,476	-50.3%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	-	0	0	0.0%
PETRO CRCKS & SPRDS NA	NYF	0	50	-100.0%	0	0.0%	0	125	-100.0%
PETRO CRCKS & SPRDS NA	RBB	795	2,348	-66.1%	1,462	-45.6%	33,269	71,972	-53.8%
PETRO CRCKS & SPRDS NA	RVG	2,775	7,186	-61.4%	3,645	-23.9%	61,316	141,567	-56.7%
PETRO CRCKS & SPRDS NA	SF3	0	50	-100.0%	0	0.0%	10	1,145	-99.1%
PETRO CRK&SPRD EURO	1NB	0	150	-100.0%	0	0.0%	3,085	10,708	-71.2%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	-	0	0	0.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	9	-100.0%	44	155	-71.6%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0.0%	0	60	-100.0%
PETRO CRK&SPRD EURO	BOB	0	186	-100.0%	0	0.0%	403	5,312	-92.4%
PETRO CRK&SPRD EURO	EOB	0	30	-100.0%	0	0.0%	31	53	-41.5%
PETRO CRK&SPRD EURO	EPN	322	433	-25.6%	372	-13.4%	4,311	6,038	-28.6%
PETRO CRK&SPRD EURO	EVC	0	264	-100.0%	0	0.0%	203	6,870	-97.0%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0.0%	0	60	-100.0%
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%	44	527	-91.7%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0.0%	0	160	-100.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0.0%	130	130	0.0%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0.0%	5	58	-91.4%
PETRO CRK&SPRD EURO	NOB	6	73	-91.8%	0	0.0%	406	3,509	-88.4%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0.0%	0	56	-100.0%
PETROLEUM PRODUCTS	1NM	0	20	-100.0%	100	-100.0%	1,084	788	37.6%
PETROLEUM PRODUCTS	EWG	75	1,095	-93.2%	50	50.0%	4,820	23,200	-79.2%
PETROLEUM PRODUCTS	H5F	300	5,168	-94.2%	70	328.6%	3,413	5,168	-34.0%
PETROLEUM PRODUCTS	JCC	0	0	0.0%	225	-100.0%	2,510	720	248.6%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0.0%	160	0	0.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	-	0	0	0.0%
PETROLEUM PRODUCTS	NCC	0	0	0.0%	0	0.0%	0	10	-100.0%

NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG	
Energy Futures									
PETROLEUM PRODUCTS	R5E	0	0	-	0	0.0%	2	0	-
PETROLEUM PRODUCTS	R5F	16	13	23.1%	19	-15.8%	147	32	359.4%
PETROLEUM PRODUCTS	S53	0	0	0.0%	0	0.0%	41	56	-26.8%
PETROLEUM PRODUCTS	UCS	0	0	-	0	0.0%	65	0	-
PETROLEUM PRODUCTS	UP5	0	1,065	-100.0%	0	0.0%	0	1,149	-100.0%
PETROLEUM PRODUCTS	VU	0	300	-100.0%	295	-100.0%	1,443	815	77.1%
PETROLEUM PRODUCTS ASIA	E6M	0	20	-100.0%	0	0.0%	80	168	-52.4%
PETROLEUM PRODUCTS ASIA	MJN	20	80	-75.0%	100	-80.0%	7,005	13,861	-49.5%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0.0%	0	20	-100.0%
PETRO OUTFRIGHT EURO	0B	0	16	-100.0%	0	0.0%	100	467	-78.6%
PETRO OUTFRIGHT EURO	0C	0	0	0.0%	0	0.0%	0	45	-100.0%
PETRO OUTFRIGHT EURO	0D	24	545	-95.6%	59	-59.3%	2,539	13,953	-81.8%
PETRO OUTFRIGHT EURO	0E	0	0	0.0%	0	0.0%	0	136	-100.0%
PETRO OUTFRIGHT EURO	0F	0	52	-100.0%	40	-100.0%	613	3,550	-82.7%
PETRO OUTFRIGHT EURO	1T	0	0	0.0%	0	0.0%	0	8	-100.0%
PETRO OUTFRIGHT EURO	33	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	5L	0	8	-100.0%	0	0.0%	64	236	-72.9%
PETRO OUTFRIGHT EURO	63	0	0	0.0%	0	0.0%	20	107	-81.3%
PETRO OUTFRIGHT EURO	71	0	46	-100.0%	25	-100.0%	135	985	-86.3%
PETRO OUTFRIGHT EURO	7R	0	70	-100.0%	11	-100.0%	127	1,346	-90.6%
PETRO OUTFRIGHT EURO	88	0	0	0.0%	0	0.0%	0	31	-100.0%
PETRO OUTFRIGHT EURO	CBB	0	0	0.0%	5	-100.0%	70	50	40.0%
PETRO OUTFRIGHT EURO	CGB	0	0	0.0%	0	0.0%	22	20	10.0%
PETRO OUTFRIGHT EURO	CPB	15	255	-94.1%	147	-89.8%	1,871	2,380	-21.4%
PETRO OUTFRIGHT EURO	EFF	0	22	-100.0%	0	0.0%	40	194	-79.4%
PETRO OUTFRIGHT EURO	EFM	0	0	0.0%	0	0.0%	0	31	-100.0%
PETRO OUTFRIGHT EURO	ENS	0	0	0.0%	0	0.0%	0	163	-100.0%
PETRO OUTFRIGHT EURO	EWN	0	63	-100.0%	0	0.0%	195	4,269	-95.4%
PETRO OUTFRIGHT EURO	FLB	0	0	0.0%	0	0.0%	0	6	-100.0%
PETRO OUTFRIGHT EURO	GES	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT EURO	GNO	0	0	-	0	0.0%	10	0	-
PETRO OUTFRIGHT EURO	H5G	0	918	-100.0%	0	0.0%	270	1,257	-78.5%
PETRO OUTFRIGHT EURO	JFB	0	0	-	0	0.0%	9	0	-
PETRO OUTFRIGHT EURO	M1B	1,436	700	105.1%	670	114.3%	8,200	1,645	398.5%
PETRO OUTFRIGHT EURO	M35	0	0	0.0%	0	0.0%	0	24	-100.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG	
Energy Futures									
PETRO OUTFRIGHT EURO	MBB	0	5	-100.0%	0	0.0%	30	5	500.0%
PETRO OUTFRIGHT EURO	MBN	455	10	4,450.0%	110	313.6%	3,521	3,231	9.0%
PETRO OUTFRIGHT EURO	MEF	110	215	-48.8%	195	-43.6%	1,524	3,497	-56.4%
PETRO OUTFRIGHT EURO	R53	0	96	-100.0%	0	0.0%	157	203	-22.7%
PETRO OUTFRIGHT EURO	R5B	0	0	-	0	0.0%	10	0	-
PETRO OUTFRIGHT EURO	R5M	269	225	19.6%	327	-17.7%	4,216	1,608	162.2%
PETRO OUTFRIGHT EURO	R5O	998	74	1,248.6%	1,158	-13.8%	9,669	2,229	333.8%
PETRO OUTFRIGHT EURO	RBM	0	0	-	0	0.0%	59	0	-
PETRO OUTFRIGHT EURO	S5B	0	0	-	0	0.0%	6	0	-
PETRO OUTFRIGHT EURO	S5F	103	27	281.5%	31	232.3%	1,133	136	733.1%
PETRO OUTFRIGHT EURO	S5M	1,521	445	241.8%	1,409	7.9%	16,360	1,714	854.5%
PETRO OUTFRIGHT EURO	S5O	931	186	400.5%	744	25.1%	8,292	505	1,542.0%
PETRO OUTFRIGHT EURO	SMU	0	0	0.0%	0	0.0%	0	850	-100.0%
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%	20	15	33.3%
PETRO OUTFRIGHT EURO	TMB	0	0	0.0%	0	0.0%	0	50	-100.0%
PETRO OUTFRIGHT EURO	ULB	400	0	-	0	0.0%	415	0	-
PETRO OUTFRIGHT EURO	UNB	0	0	-	0	0.0%	300	0	-
PETRO OUTFRIGHT EURO	V0	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTFRIGHT EURO	X0	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	AB6	50	0	-	440	-88.6%	1,047	0	-
PETRO OUTFRIGHT NA	BCR	773	0	-	710	8.9%	2,808	0	-
PETRO OUTFRIGHT NA	DBB	0	0	-	0	0.0%	75	0	-
PETRO OUTFRIGHT NA	FCB	0	0	0.0%	0	0.0%	0	426	-100.0%
PETRO OUTFRIGHT NA	FOM	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTFRIGHT NA	H5B	0	0	-	0	0.0%	1,834	0	-
PETRO OUTFRIGHT NA	JE	105	0	0.0%	0	0.0%	960	240	300.0%
PETRO OUTFRIGHT NA	JET	75	1,025	-92.7%	90	-16.7%	7,090	24,980	-71.6%
PETRO OUTFRIGHT NA	JTB	0	250	-100.0%	90	-100.0%	2,105	7,573	-72.2%
PETRO OUTFRIGHT NA	MBL	0	50	-100.0%	0	0.0%	137	324	-57.7%
PETRO OUTFRIGHT NA	MEN	30	78	-61.5%	0	0.0%	588	1,757	-66.5%
PETRO OUTFRIGHT NA	MEO	549	1,995	-72.5%	1,397	-60.7%	12,840	24,483	-47.6%
PETRO OUTFRIGHT NA	MFD	0	35	-100.0%	0	0.0%	38	373	-89.8%
PETRO OUTFRIGHT NA	MMF	0	0	0.0%	0	0.0%	70	819	-91.5%
PETRO OUTFRIGHT NA	XER	0	0	0.0%	0	-	0	0	0.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0.0%	0	117,180	-100.0%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0.0%	0	2,560	-100.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	-	0	0	0.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	-	0	0	0.0%
PJM BGE DA OFF-PEAK	R3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	E3	0	0	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	0.0%
PJM COMED 5MW D AH PK	D8	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	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	3,845	-100.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0.0%	0	70,000	-100.0%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NILL DA PEAK	N3	0	0	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	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	47,100	-100.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0.0%	15,814	53,631	-70.5%
PLASTICS	PGP	948	736	28.8%	794	19.4%	11,913	7,948	49.9%
PREMIUM UNLD 10P FOB MED	3G	0	21	-100.0%	0	0.0%	158	858	-81.6%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0.0%	0	139	-100.0%
PREM UNL GAS 10PPM RDAM FOB BALMO	7N	0	0	0.0%	0	0.0%	0	20	-100.0%
PREM UNL GAS 10PPM RDAM FOB SWAP	7L	0	0	0.0%	0	0.0%	0	35	-100.0%
PROPANE NON-LDH MB (OPIS) BALMO SWP	1S	850	773	10.0%	3,254	-73.9%	18,328	15,445	18.7%
PROPANE NON-LDH MT. BEL (OPIS) SWP	1R	21,759	30,849	-29.5%	28,348	-23.2%	267,431	221,059	21.0%
RBOB CALENDAR SWAP	RL	5,343	6,227	-14.2%	4,125	29.5%	60,956	63,421	-3.9%
RBOB CRACK SPREAD	RM	495	2,060	-76.0%	415	19.3%	11,785	13,560	-13.1%
RBOB CRACK SPREAD BALMO S	1E	0	0	0.0%	0	0.0%	0	25	-100.0%
RBOB GASOLINE BALMO CLNDR	1D	251	1,587	-84.2%	304	-17.4%	5,852	10,405	-43.8%
RBOB PHY	RBL	0	0	0.0%	0	0.0%	0	0	0.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOIUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	-	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	200	-100.0%	5,665	150	3,676.7%
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	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0.0%	41	230	-82.2%
SINGAPORE 380CST BALMO	BT	0	116	-100.0%	0	0.0%	39	932	-95.8%
SINGAPORE 380CST FUEL OIL	SE	32	2,134	-98.5%	228	-86.0%	2,329	30,062	-92.3%
SINGAPORE FUEL 180CST CAL	UA	0	103	-100.0%	0	0.0%	215	2,430	-91.2%
SINGAPORE FUEL OIL SPREAD	SD	0	49	-100.0%	0	0.0%	80	688	-88.4%
SINGAPORE GASOIL	MAF	201	2,372	-91.5%	155	29.7%	2,215	22,556	-90.2%
SINGAPORE GASOIL	MTB	0	65	-100.0%	0	0.0%	62	707	-91.2%
SINGAPORE GASOIL	MTS	167	1,725	-90.3%	126	32.5%	3,502	38,305	-90.9%
SINGAPORE GASOIL	SBM	5	0	-	79	-93.7%	451	0	-
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GDH	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GDL	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL CALENDAR	GHS	0	0	0.0%	0	0.0%	0	270	-100.0%
SINGAPORE GASOIL CALENDAR	MGO	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALENDAR	MSG	256	313	-18.2%	148	73.0%	7,474	2,082	259.0%
SINGAPORE GASOIL CALENDAR	SGG	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE GASOIL SWAP	SG	1,767	1,293	36.7%	567	211.6%	10,311	10,539	-2.2%
SINGAPORE GASOIL VS ICE	GA	0	90	-100.0%	0	0.0%	282	4,683	-94.0%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0.0%	345	50	590.0%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	575	-100.0%	575	100	475.0%
SINGAPORE JET KEROSENE SW	KS	165	490	-66.3%	65	153.8%	6,348	6,495	-2.3%
SINGAPORE JET KERO VS. GASOIL BALMO	Z0	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE MOGAS 92 UNLEADED BALMO	1P	0	0	0.0%	0	0.0%	175	1,500	-88.3%
SINGAPORE MOGAS 92 UNLEADED SWP	1N	0	5,972	-100.0%	0	0.0%	24,280	94,294	-74.3%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	-	0	0	0.0%
SING FUEL	MSD	0	25	-100.0%	0	0.0%	0	30	-100.0%
SOUTH STAR TEX OKLHM KNS	8Z	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	25	-100.0%	0	0.0%	45	2,456	-98.2%
TC5 RAS TANURA TO YOKOHAM	TH	0	15	-100.0%	0	0.0%	140	3,416	-95.9%
TCO BASIS SWAP	TC	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 NOV 2020	VOLUME NOV 2019	% CHG	VOIUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Futures									
TD3 MEG TO JAPAN 250K MT	TL	970	2,836	-65.8%	2,629	-63.1%	23,160	58,780	-60.6%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	-	0	0	0.0%
Tetco STX Basis	TX	0	0	0.0%	0	-	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0.0%	1,057	0	0.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	-	0	0	0.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	-	0	0	0.0%
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	0.0%
UCM FUT	UCM	0	0	0.0%	0	0.0%	0	20	-100.0%
UK NBP NAT GAS CAL MTH FUT	UKG	1,815	295	515.3%	30	5,950.0%	4,155	6,339	-34.5%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	6,120	4,950	23.6%	2,992	104.5%	57,896	61,280	-5.5%
UP DOWN GC ULSD VS NMX HO	LT	40,469	39,211	3.2%	36,503	10.9%	504,076	380,309	32.5%
WAHA BASIS	NW	0	0	0.0%	0	0.0%	0	650	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0.0%	0	1,953	-100.0%
WTI-BRENT CALENDAR SWAP	BK	30,895	34,765	-11.1%	21,037	46.9%	404,209	397,210	1.8%
WTI CALENDAR	CS	56,951	60,076	-5.2%	48,919	16.4%	655,151	462,473	41.7%
WTI MIDLAND CRUDE OIL	WTL	0	0	-	0	0.0%	300	0	-
WTS (ARGUS) VS WTI SWAP	FF	0	1,440	-100.0%	1,775	-100.0%	55,150	46,137	19.5%
WTS (ARGUS) VS WTI TRD MT	FH	72	115	-37.4%	1,008	-92.9%	12,389	7,270	70.4%
Energy Options									
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	-	0	0	0.0%
BRENT CALENDAR SWAP	BA	0	900	-100.0%	0	0.0%	7,530	4,710	59.9%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	0.0%	0	-	0	0	0.0%
BRENT CRUDE OIL 1 M CSO	9C	1,100	0	0.0%	0	0.0%	36,675	35,790	2.5%
BRENT CRUDE OIL 6 M CSO	9L	0	0	0.0%	0	-	0	0	0.0%
BRENT OIL LAST DAY	BE	14,819	13,000	14.0%	35,440	-58.2%	378,614	355,576	6.5%
BRENT OIL LAST DAY	BZO	37,812	78,154	-51.6%	64,758	-41.6%	522,463	1,035,602	-49.5%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	0.0%	25	0	0.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	0.0%	0	225	-100.0%
COAL API2 INDEX	CQA	0	0	0.0%	0	0.0%	0	835	-100.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	-	0	0	0.0%
COAL API4 INDEX	RQA	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 NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Energy Options									
COAL SWAP	CPF	0	0	0.0%	0	-	0	0	0.0%
COAL SWAP	RPF	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL	6Y	50	0	0.0%	0	0.0%	50	150	-66.7%
CRUDE OIL 1MO	WA	185,250	109,150	69.7%	147,700	25.4%	2,106,182	2,354,612	-10.6%
CRUDE OIL APO	AO	109,670	105,348	4.1%	37,704	190.9%	621,377	540,376	15.0%
CRUDE OIL CALNDR STRIP	6F	120	0	0.0%	0	0.0%	170	200	-15.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0.0%	0	960	-100.0%
CRUDE OIL PHY	CD	0	0	0.0%	0	0.0%	1,850	1,300	42.3%
CRUDE OIL PHY	LC	7,436	18,448	-59.7%	1,300	472.0%	115,489	124,164	-7.0%
CRUDE OIL PHY	LO	2,403,669	1,926,989	24.7%	2,340,168	2.7%	27,911,462	29,253,411	-4.6%
CRUDE OIL PHY	LO1	8,912	15,754	-43.4%	7,525	18.4%	183,093	172,316	6.3%
CRUDE OIL PHY	LO2	9,337	12,536	-25.5%	7,153	30.5%	113,087	152,487	-25.8%
CRUDE OIL PHY	LO3	9,093	341	2,566.6%	3,629	150.6%	118,178	99,527	18.7%
CRUDE OIL PHY	LO4	8,217	24,448	-66.4%	10,281	-20.1%	185,389	184,008	0.8%
CRUDE OIL PHY	LO5	0	20,801	-100.0%	11,605	-100.0%	59,518	69,759	-14.7%
ELEC FINSETTLED	PJN	0	0	-	0	0.0%	43	0	-
ETHANOL	CE1	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	CE3	0	0	0.0%	0	-	0	0	0.0%
ETHANOL SWAP	CVR	2,135	6,540	-67.4%	5,392	-60.4%	48,666	116,501	-58.2%
ETHANOL SWAP	GVR	0	0	0.0%	0	0.0%	600	780	-23.1%
FREIGHT MARKETS	TDT	0	0	0.0%	0	0.0%	0	1,800	-100.0%
HEATING OIL CRK SPD AVG PRICE OPTIONS	3W	1,200	0	-	0	-	1,200	0	-
HEATING OIL PHY	LB	0	0	0.0%	204	-100.0%	3,527	2,002	76.2%
HEATING OIL PHY	OH	11,728	22,081	-46.9%	13,609	-13.8%	147,038	304,531	-51.7%
HENRY HUB FINANCIAL LAST	E7	4,249	1,599	165.7%	10,421	-59.2%	76,860	64,758	18.7%
HO 1 MONTH CLNDR OPTIONS	FA	0	400	-100.0%	0	0.0%	100	2,550	-96.1%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WTO	0	0	-	0	0.0%	1,400	0	-
LLS CRUDE OIL	YVO	0	0	0.0%	0	-	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	MTO	2,425	300	708.3%	0	0.0%	8,248	480	1,618.3%
MCCLOSKEY RCH BAY COAL	MFO	0	25	-100.0%	50	-100.0%	475	1,125	-57.8%
NATURAL GAS 1 M CSO FIN	G4	43,590	161,152	-73.0%	149,600	-70.9%	1,089,608	914,705	19.1%
NATURAL GAS 2 M CSO FIN	G2	5,450	14,825	-63.2%	1,900	186.8%	19,650	21,050	-6.7%
NATURAL GAS 3 M CSO FIN	G3	12,750	2,900	339.7%	0	0.0%	494,025	228,425	116.3%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG	
Energy Options									
NATURAL GAS 5 M CSO FIN	G5	0	1,350	-100.0%	0	0.0%	11,450	6,100	87.7%
NATURAL GAS 6 M CSO FIN	G6	3,100	42,650	-92.7%	0	0.0%	151,400	106,675	41.9%
NATURAL GAS OPT	TFO	2,450	0	-	28,190	-91.3%	216,920	0	-
NATURAL GAS OPTION ON CALENDAR STRP	6J	6,260	3,220	94.4%	4,320	44.9%	33,080	29,040	13.9%
NATURAL GAS PHY	KD	1,175	3,308	-64.5%	1,745	-32.7%	40,363	44,281	-8.8%
NATURAL GAS PHY	LN	2,164,130	2,011,641	7.6%	2,762,168	-21.7%	26,265,316	17,466,677	50.4%
NATURAL GAS PHY	ON	98,549	158,072	-37.7%	99,956	-1.4%	1,377,953	1,401,145	-1.7%
NATURAL GAS SUMMER STRIP	4D	0	0	-	0	0.0%	400	0	-
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	0.0%	600	1,500	-60.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0.0%	0	4,352	-100.0%
NY HARBOR HEAT OIL SWP	AT	714	270	164.4%	857	-16.7%	17,878	26,591	-32.8%
NYISO ZONE G 5MW PEAK OPTIONS	9U	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	4H	10	27	-63.0%	0	0.0%	660	4,872	-86.5%
PETROCHEMICALS	4J	0	0	0.0%	0	0.0%	630	200	215.0%
PETROCHEMICALS	4K	500	0	0.0%	540	-7.4%	1,040	560	85.7%
PETROCHEMICALS	CPR	0	0	0.0%	0	0.0%	126	40	215.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	0	0.0%	0	0.0%	6	36	-83.3%
PETRO OUTRIGHT NA	1N5	0	0	-	0	0.0%	200	0	-
PETRO OUTRIGHT NA	DAP	30	120	-75.0%	90	-66.7%	1,315	540	143.5%
PJM WES HUB PEAK CAL MTH	6OA	0	150	-100.0%	0	0.0%	770	1,000	-23.0%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	-	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0.0%	0	836	-100.0%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0.0%	0	150	-100.0%
RBOB CALENDAR SWAP	RA	0	0	0.0%	1,080	-100.0%	2,161	576	275.2%
RBOB CRACK	RX	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB PHY	OB	8,469	7,460	13.5%	6,999	21.0%	91,430	148,890	-38.6%
RBOB PHY	RF	0	0	0.0%	25	-100.0%	1,043	1,624	-35.8%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	-	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0.0%	0	3,880	-100.0%
SHORT TERM	C15	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U11	0	50	-100.0%	0	0.0%	150	750	-80.0%
SHORT TERM	U12	0	0	0.0%	200	-100.0%	600	1,480	-59.5%
SHORT TERM	U13	0	101	-100.0%	0	0.0%	600	251	139.0%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG	
Energy Options									
SHORT TERM	U14	0	0	0.0%	0	0.0%	200	150	33.3%
SHORT TERM	U15	0	400	-100.0%	0	0.0%	700	1,675	-58.2%
SHORT TERM	U22	0	0	0.0%	0	0.0%	0	1	-100.0%
SHORT TERM	U23	0	0	0.0%	50	-100.0%	150	117	28.2%
SHORT TERM	U24	0	0	0.0%	0	0.0%	50	250	-80.0%
SHORT TERM	U25	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	U26	0	0	0.0%	0	0.0%	0	100	-100.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0.0%	500	650	-23.1%
SHORT TERM NATURAL GAS	U02	0	500	-100.0%	100	-100.0%	550	675	-18.5%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0.0%	650	704	-7.7%
SHORT TERM NATURAL GAS	U04	0	100	-100.0%	0	0.0%	1,350	1,000	35.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0.0%	350	250	40.0%
SHORT TERM NATURAL GAS	U06	50	0	0.0%	0	0.0%	150	505	-70.3%
SHORT TERM NATURAL GAS	U07	0	104	-100.0%	50	-100.0%	600	754	-20.4%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	50	-100.0%	400	2,650	-84.9%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	200	-100.0%	250	700	-64.3%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0.0%	450	1,150	-60.9%
SHORT TERM NATURAL GAS	U16	200	0	0.0%	0	0.0%	300	250	20.0%
SHORT TERM NATURAL GAS	U17	50	0	0.0%	0	0.0%	375	450	-16.7%
SHORT TERM NATURAL GAS	U18	50	200	-75.0%	0	0.0%	200	325	-38.5%
SHORT TERM NATURAL GAS	U19	50	100	-50.0%	0	0.0%	325	200	62.5%
SHORT TERM NATURAL GAS	U20	0	200	-100.0%	0	0.0%	300	500	-40.0%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0.0%	200	50	300.0%
SHORT TERM NATURAL GAS	U27	500	0	0.0%	0	0.0%	1,150	0	0.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0.0%	600	425	41.2%
SHORT TERM NATURAL GAS	U29	0	50	-100.0%	0	0.0%	950	150	533.3%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0.0%	1,075	600	79.2%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0.0%	150	1,400	-89.3%
SINGAPORE GASOIL CALENDAR	M2	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE JET FUEL CALEND	N2	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	BV	23,300	32,200	-27.6%	34,200	-31.9%	508,182	565,505	-10.1%
WTI CRUDE OIL 1 M CSO FI	7A	110,370	29,600	272.9%	111,520	-1.0%	999,870	566,520	76.5%



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity		VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
Metals Futures									
COMEX GOLD	GC	6,177,080	8,927,418	-30.8%	4,645,292	33.0%	74,092,116	81,114,542	-8.7%
NYMEX HOT ROLLED STEEL	HR	19,194	10,396	84.6%	22,823	-15.9%	203,505	164,663	23.6%
NYMEX PLATINUM	PL	277,596	399,670	-30.5%	271,140	2.4%	4,111,451	5,274,093	-22.0%
PALLADIUM	PA	59,389	131,275	-54.8%	34,644	71.4%	655,836	1,183,652	-44.6%
URANIUM	UX	0	0	0.0%	1	-100.0%	1,855	10,601	-82.5%
COMEX SILVER	SI	2,139,688	2,334,288	-8.3%	1,645,627	30.0%	24,444,751	22,606,422	8.1%
COMEX E-Mini GOLD	QO	26,345	22,811	15.5%	15,519	69.8%	362,461	225,803	60.5%
COMEX E-Mini SILVER	QI	5,293	2,484	113.1%	5,973	-11.4%	99,922	47,531	110.2%
COMEX COPPER	HG	2,214,470	2,116,656	4.6%	1,837,177	20.5%	22,766,064	22,343,142	1.9%
COMEX MINY COPPER	QC	2,142	497	331.0%	2,354	-9.0%	11,907	7,129	67.0%
ALUMINUM	A38	0	0	0.0%	0	0.0%	0	22	-100.0%
ALUMINUM	AEP	1,734	7,452	-76.7%	5,060	-65.7%	36,815	29,335	25.5%
ALUMINUM	ALA	200	242	-17.4%	360	-44.4%	1,809	1,162	55.7%
ALUMINUM	ALI	2,465	2,963	-16.8%	2,800	-12.0%	41,090	12,938	217.6%
ALUMINUM	AUP	5,412	11,831	-54.3%	6,857	-21.1%	104,077	74,443	39.8%
ALUMINUM	CUP	0	0	0.0%	0	0.0%	50	0	0.0%
ALUMINUM	EDP	2,820	4,576	-38.4%	2,132	32.3%	40,001	26,332	51.9%
ALUMINUM	MJP	640	240	166.7%	780	-17.9%	11,150	10,510	6.1%
COPPER	HGS	1,292	582	122.0%	1,744	-25.9%	32,990	9,921	232.5%
FERROUS PRODUCTS	BUS	3,853	1,158	232.7%	1,245	209.5%	23,416	12,097	93.6%
GOLD	4GC	101	0	-	20	405.0%	734	0	-
GOLD	SGC	933	4,417	-78.9%	1,017	-8.3%	18,071	14,001	29.1%
GOLD	SGU	3,341	15,264	-78.1%	4,031	-17.1%	58,470	21,350	173.9%
Gold Kilo	GCK	0	0	0.0%	0	-	0	0	0.0%
HOT ROLLED COIL STEEL FUTURES	EHR	1,600	0	-	1,200	33.3%	5,762	0	-
IRON ORE 62 CHINA PLATTS FUTURES	PIO	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTURES	TIO	0	1,919	-100.0%	0	0.0%	14,498	52,564	-72.4%
IRON ORE CHINA	TIO	1,418	0	-	1,068	32.8%	6,835	0	-
LNDN ZINC	ZNC	0	0	0.0%	0	0.0%	0	1,230	-100.0%
METALS	HDG	0	0	-	0	0.0%	30	0	-
MICRO GOLD	MGC	1,588,687	692,043	129.6%	1,700,455	-6.6%	20,183,639	5,194,918	288.5%
SILVER	SIL	238,618	54,536	337.5%	245,731	-2.9%	2,147,327	326,664	557.4%
Metals Options									
ALUMINUM	ALO	0	0	-	0	0.0%	150	0	-



NYMEX/COMEX Exchange Volume Report - Monthly

Commodity	VOLUME NOV 2020	VOLUME NOV 2019	% CHG	VOLUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG	
Metals Options									
COMEX COPPER	HX	26,231	56,995	-54.0%	20,259	29.5%	405,006	651,156	-37.8%
COMEX GOLD	OG	997,540	950,720	4.9%	877,476	13.7%	12,621,180	14,186,685	-11.0%
COMEX SILVER	SO	152,667	160,698	-5.0%	138,250	10.4%	2,096,716	2,048,360	2.4%
COPPER	H1E	0	185	-100.0%	0	0.0%	1,083	644	68.2%
COPPER	H2E	4	140	-97.1%	2	100.0%	692	938	-26.2%
COPPER	H3E	0	38	-100.0%	0	0.0%	742	1,022	-27.4%
COPPER	H4E	0	51	-100.0%	0	0.0%	370	360	2.8%
COPPER	H5E	0	506	-100.0%	0	0.0%	692	603	14.8%
GOLD	OG1	39,562	22,670	74.5%	14,340	175.9%	389,449	452,737	-14.0%
GOLD	OG2	49,091	41,244	19.0%	31,331	56.7%	427,864	415,238	3.0%
GOLD	OG3	24,825	47,333	-47.6%	27,187	-8.7%	355,509	342,952	3.7%
GOLD	OG4	21,683	21,912	-1.0%	25,774	-15.9%	307,846	225,729	36.4%
GOLD	OG5	0	21,070	-100.0%	33,783	-100.0%	124,762	83,447	49.5%
HOT ROLLED COIL STEEL CALL OPTION	HRO	0	0	0.0%	0	0.0%	75	1,050	-92.9%
HOT ROLLED COIL STEEL PUT OPTION	HRO	0	150	-100.0%	0	0.0%	0	150	-100.0%
IRON ORE 62 CHINA TSI CALL OPTION	ICT	0	0	0.0%	0	0.0%	3,740	6,830	-45.2%
IRON ORE 62 CHINA TSI PUT OPTION	ICT	0	0	0.0%	0	0.0%	6,349	3,600	76.4%
IRON ORE CHINA	ICT	0	0	-	80	-100.0%	380	0	-
NYMEX HOT ROLLED STEEL	HRO	150	0	-	225	-33.3%	975	0	-
NYMEX PLATINUM	PO	339	2,074	-83.7%	1,343	-74.8%	26,779	37,260	-28.1%
PALLADIUM	PAO	234	1,308	-82.1%	102	129.4%	6,882	13,678	-49.7%
SILVER	SO1	2,053	1,535	33.7%	698	194.1%	27,023	21,764	24.2%
SILVER	SO2	1,802	3,105	-42.0%	1,684	7.0%	25,221	20,857	20.9%
SILVER	SO3	1,059	2,296	-53.9%	1,797	-41.1%	21,599	18,060	19.6%
SILVER	SO4	398	727	-45.3%	1,090	-63.5%	15,906	7,087	124.4%
SILVER	SO5	0	1,386	-100.0%	1,474	-100.0%	7,544	5,419	39.2%
TOTAL FUTURES GROUP									
Ag Products Futures		0	2	-100.0%	27	-100.0%	69	58	19.0%
Energy Futures		36,455,283	40,089,719	-9.1%	37,464,086	-2.7%	502,695,485	497,824,592	1.0%
Metals Futures		12,774,311	14,742,718	-13.4%	10,455,050	22.2%	149,476,632	138,765,065	7.7%
TOTAL FUTURES		49,229,594	54,832,439	-10.2%	47,919,163	2.7%	652,172,186	636,589,715	2.4%

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 NOV 2020	VOLUME NOV 2019	% CHG	VOIUME OCT 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
TOTAL OPTIONS GROUP								
Energy Options	5,298,969	4,827,564	9.8%	5,900,779	-10.2%	63,988,710	56,444,467	13.4%
Metals Options	1,317,638	1,336,143	-1.4%	1,176,895	12.0%	16,874,534	18,545,626	-9.0%
TOTAL OPTIONS	6,616,607	6,163,707	7.3%	7,077,674	-6.5%	80,863,244	74,990,093	7.8%
TOTAL COMBINED								
Ag Products	0	2	-100.0%	27	-100.0%	69	58	19.0%
Energy	41,754,252	44,917,283	-7.0%	43,364,865	-3.7%	566,684,195	554,269,059	2.2%
Metals	14,091,949	16,078,861	-12.4%	11,631,945	21.1%	166,351,166	157,310,691	5.7%
GRAND TOTAL	55,846,201	60,996,146	-8.4%	54,996,837	1.5%	733,035,430	711,579,808	3.0%