

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

	Commodity Indicator	Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Ag Products Futures																			
	CJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	8	5	60.0%	0	0	0.0%
	KT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	2	0	0.0%	0	0	0.0%
	TT	0	0	0.0%	1	1	0	0	0	0.0%	0	0	0.0%	39	22	77.3%	0	0	0.0%
	YO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	10	58	-82.8%	0	0	0.0%
Energy Futures																			
	CL	0	0	0.0%	18,942,064	22,447,656	-0.16	385,141	461,037	-16.5%	0	0	0.0%	285,761,987	300,925,637	-5.0%	5,703,333	5,687,370	0.3%
	WS	0	0	0.0%	0	0	0	250	0	0.0%	0	0	0.0%	0	89	-100.0%	16,944	15,550	9.0%
	QM	0	0	0.0%	309,495	617,691	-0.5	0	0	0.0%	0	0	0.0%	5,470,936	4,692,563	16.6%	0	0	0.0%
	BZ	0	0	0.0%	1,757,985	1,611,129	0.09	23,092	49,785	-53.6%	0	0	0.0%	25,107,509	21,345,574	17.6%	509,416	480,206	6.1%
	HO	0	0	0.0%	3,536,161	3,077,909	0.15	180,540	161,090	12.1%	0	0	0.0%	40,452,276	44,043,254	-8.2%	2,948,533	2,234,629	31.9%
	BH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	96	120	-20.0%
	QH	0	0	0.0%	2	3	-0.33	0	0	0.0%	0	0	0.0%	38	47	-19.1%	0	0	0.0%
	RB	0	0	0.0%	3,284,092	3,260,755	0.01	153,727	143,946	6.8%	0	0	0.0%	47,066,537	47,134,720	-0.1%	2,785,270	2,479,189	12.3%
	QU	0	0	0.0%	4	4	0	0	0	0.0%	0	0	0.0%	73	47	55.3%	0	0	0.0%
	HP	0	0	0.0%	39,141	25,883	0.51	75,620	67,623	11.8%	0	0	0.0%	463,150	586,524	-21.0%	897,096	851,495	5.4%
	HH	0	0	0.0%	136,721	196,954	-0.31	112,228	197,368	-43.1%	0	0	0.0%	1,849,674	2,561,557	-27.8%	1,711,932	2,017,520	-15.1%
	QG	0	0	0.0%	53,544	45,578	0.17	0	0	0.0%	0	0	0.0%	439,093	433,003	1.4%	0	36	-100.0%
	JM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	NG	0	0	0.0%	9,072,398	7,553,218	0.2	264,928	298,056	-11.1%	0	0	0.0%	100,257,958	110,844,207	-9.6%	3,136,546	3,411,871	-8.1%
	RT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	84	14,386	-99.4%
	7D	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	97	622	-84.4%
	8D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	95	-78.9%
	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	VM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	VP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	N7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	B4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	ND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
	NE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
	E5	0	0	0.0%	0	0	0	4,125	15,739	-73.8%	0	0	0.0%	0	30	-100.0%	91,454	256,725	-64.4%

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 Comparison Report - Monthly

	Commodity Indicator	Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	3,937	3,071	28.2%	0	0	0.0%	0	0	0.0%	71,392	68,590	4.1%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	3,229	1,778	81.6%	0	0	0.0%	0	0	0.0%	35,928	32,923	9.1%
AUSTRIALIAN COKE COAL	ACT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,960	285	587.7%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	3,800	1,588	139.3%	0	0	0.0%	0	0	0.0%	85,595	39,825	114.9%
BRENT CFD SWAP	6W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	7,000	20,864	-66.4%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,539	127	1,111.8%
BRENT FINANCIAL FUTURES	MDB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	224	-100.0%
BRENT OIL LAST DAY	BZL	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	9X	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CAISO SP15 EZGNHUB5 PEAK	9Z	-	0	0.0%	-	0	0	-	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	36	-100.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	1	44	-0.98	60,813	78,973	-23.0%	0	0	0.0%	510	2,115	-75.9%	1,167,644	1,131,300	3.2%
CHICAGO ULSD (PLATTS) SWA	4C	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CHICAGO ULSD PL VS HO SPR	5C	0	0	0.0%	0	0	0	665	831	-20.0%	0	0	0.0%	0	0	0.0%	6,681	5,838	14.4%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	125	-100.0%	0	0	0.0%	0	0	0.0%	1,370	1,075	27.4%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	221	-100.0%
CIG ROCKIES NG INDEX SWA	Z8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CINERGY HUB OFF-PEAK MON	EJ	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	440	1,254	-64.9%	0	0	0.0%	0	0	0.0%	5,312	13,630	-61.0%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,920	0	0.0%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	325	1,505	-78.4%
COAL SWAP	ACM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	570	-100.0%
COAL SWAP	SSI	-	0	0.0%	-	0	0	-	0	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	214	-100.0%	0	0	0.0%	0	0	0.0%	364	214	70.1%
COLUMBIA GULF ONSHORE	GL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	664	177	275.1%	0	0	0.0%	0	5	-100.0%	3,248	2,826	14.9%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	157	0	0.0%	0	0	0.0%	0	0	0.0%	5,574	2,831	96.9%

The information herein is taken form 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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

	Commodity Indicator	Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	0	0	0	10,373	11,614	-10.7%	0	0	0.0%	144	48	200.0%	171,142	186,568	-8.3%
CRUDE OIL	LPS	0	0	0.0%	0	0	0	0	4,400	-100.0%	0	0	0.0%	0	0	0.0%	33,110	53,385	-38.0%
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	260	759	-65.7%	0	0	0.0%	0	0	0.0%	4,510	3,436	31.3%
CRUDE OIL OUTRIGHTS	CC5	0	0	0.0%	0	0	0	111	225	-50.7%	0	0	0.0%	0	0	0.0%	4,892	555	781.4%
CRUDE OIL OUTRIGHTS	CPD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,956	-100.0%
CRUDE OIL OUTRIGHTS	CSN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	CSW	0	0	0.0%	0	0	0	0	45	-100.0%	0	0	0.0%	50	0	0.0%	3,228	2,360	36.8%
CRUDE OIL OUTRIGHTS	DAB	0	-	-	0	-		540	-	-	0	-	-	0	-	-	540	-	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	730	99	637.4%
CRUDE OIL OUTRIGHTS	FE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	296	105	181.9%
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	75,262	25,623	193.7%	0	0	0.0%	0	0	0.0%	716,767	555,118	29.1%
CRUDE OIL OUTRIGHTS	LSW	0	0	0.0%	0	0	0	55	0	0.0%	0	0	0.0%	0	0	0.0%	4,543	335	1,256.1%
CRUDE OIL OUTRIGHTS	SSW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	UMD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,800	-100.0%
CRUDE OIL OUTRIGHTS	UNS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	7,554	-100.0%
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	WCW	0	0	0.0%	0	0	0	1,315	8,540	-84.6%	0	0	0.0%	0	0	0.0%	43,525	73,558	-40.8%
CRUDE OIL PHY	CLL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	HCL	0	0	0.0%	7,107	12,696	-0.44	574	1,850	-69.0%	0	0	0.0%	133,963	22,791	487.8%	49,211	1,850	2,560.1%
CRUDE OIL SPRDS	38	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	2,055	-92.7%
CRUDE OIL SPRDS	ANT	0	-	-	0	-		180	-	-	0	-	-	0	-	-	180	-	-
CRUDE OIL SPRDS	HIL	0	-	-	0	-		600	-	-	0	-	-	0	-	-	1,500	-	-
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	15,112	15,275	-1.1%	0	0	0.0%	0	0	0.0%	243,696	430,553	-43.4%
CRUDE OIL TRADE AT MARKER	CLS	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	%	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
DAILY PJM	WOR	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	7G	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,000	3,360	-70.2%
DIESEL 10P BRG FOB RDM VS	7X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
DIESEL 10PPM BARGES FOB B	U7	-	0	0.0%	-	0	0	-	0	0.0%	-	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%	0	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%	0	0	0.0%	0	0	0.0%	0	126	-100.0%
DUBAI CRUDE OIL BALMO	BI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	125	-100.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	537	11,775	-95.4%	0	0	0.0%	0	0	0.0%	18,592	111,582	-83.3%
DUTCH TTF NATURAL GAS CAL	TTF	0	0	0.0%	21,086	2,583	7.16	0	0	0.0%	0	0	0.0%	147,866	20,654	615.9%	60	10	500.0%
DY EURO 3.5% FUEL OI RDA	FOR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	245	-100.0%
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	187	-89.3%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	217	203	6.9%	0	0	0.0%	0	0	0.0%	3,639	3,373	7.9%
ELEC ERCOT DLY OFF PK	I4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	I3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	I7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	I2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	19,600	-100.0%
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC FINSETTLED	49	-	0	0.0%	-	0	0	-	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	55	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	4M	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	ERE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	55,380	-100.0%
ELECTRICITY OFF PEAK	50	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC WEST POWER OFF-PEAK	MDA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC WEST POWER PEAK	MDC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ERCOT DAILY 5MW PEAK	ERW	-	0	0.0%	-	0	0	-	0	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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
ERCOT HOUSTON Z MCPE 5M	I1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,950	-100.0%
ERCOT NORTH ZMCPE 5MW OF	I8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	I6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	19,600	-100.0%
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,050	-100.0%
ETHANOL	MTH	0	-	-	0	-		0	-	-	0	-	-	0	-	-	50	-	-
ETHANOL	Z1B	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
ETHANOL SWAP	MT2	0	0	0.0%	0	0	0	495	30	1,550.0%	0	0	0.0%	0	0	0.0%	1,455	700	107.9%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	3,353	2,355	42.4%	0	0	0.0%	0	0	0.0%	44,366	40,167	10.5%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	33	-90.9%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	0	58	-100.0%	0	0	0.0%	0	0	0.0%	566	5,732	-90.1%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	16	20	-20.0%	0	0	0.0%	0	0	0.0%	198	860	-77.0%
EURO-DENOMINATED PETRO P	NCP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	640	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	20	370	-94.6%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	4	24	-83.3%	0	0	0.0%	0	0	0.0%	648	570	13.7%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	28	10	180.0%	0	0	0.0%	0	0	0.0%	428	1,001	-57.2%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	443	1,607	-72.4%	0	0	0.0%	0	0	0.0%	11,053	78,702	-86.0%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	40	176	-0.77	0	0	0.0%	0	0	0.0%	1,268	7,105	-82.2%	0	0	0.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	15	48	-68.8%	0	0	0.0%	0	0	0.0%	1,463	3,087	-52.6%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	1,090	3,399	-67.9%	0	0	0.0%	0	0	0.0%	41,655	106,790	-61.0%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	580	-100.0%	0	0	0.0%	0	0	0.0%	1,633	5,300	-69.2%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	8	39	-79.5%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	819	1,669	-50.9%	0	0	0.0%	0	0	0.0%	17,896	39,775	-55.0%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	726	942	-22.9%	0	0	0.0%	0	0	0.0%	21,688	21,260	2.0%
FLORIDA GAS ZONE3 BASIS S	FP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	ACB	0	-	-	0	-		120	-	-	0	-	-	0	-	-	1,140	-	-
FREIGHT MARKETS	BF1	0	-	-	0	-		20	-	-	0	-	-	0	-	-	20	-	-
FREIGHT MARKETS	BF2	0	-	-	0	-		20	-	-	0	-	-	0	-	-	20	-	-
FREIGHT MARKETS	BF3	0	-	-	0	-		10	-	-	0	-	-	0	-	-	10	-	-
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	117	348	-66.4%	0	0	0.0%	0	0	0.0%	1,633	2,533	-35.5%
FREIGHT MARKETS	FRC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,652	600	175.3%
FREIGHT MARKETS	FRS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	80	0	0.0%
FREIGHT MARKETS	T2D	0	0	0.0%	0	0	0	15	310	-95.2%	0	0	0.0%	0	0	0.0%	6,105	4,983	22.5%
FREIGHT MARKETS	TC6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	240	-100.0%

The information herein is taken form 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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
FREIGHT MARKETS	TD3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	140	30	366.7%
FREIGHT MARKETS	TD8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	150	-60.0%
FREIGHT MARKETS	USC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	280	-	-
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	1,957	1,108	76.6%	0	0	0.0%	0	0	0.0%	21,118	38,610	-45.3%
FUEL OIL NWE CRACK VS ICE	FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	171	-91.2%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	154	-96.1%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	120	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	50	424	-88.2%	0	0	0.0%	0	0	0.0%	1,634	2,553	-36.0%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	1,276	4,650	-72.6%	0	0	0.0%	0	0	0.0%	51,343	86,232	-40.5%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	3,345	8,075	-58.6%	0	0	0.0%	0	0	0.0%	89,625	206,227	-56.5%
GASOIL 0.1 CIF MED SWAP	Z4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
GASOIL 0.1 CIF NWE VS ISE	TU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	8W	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	21	10	110.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	10	10	0.0%	0	0	0.0%	0	0	0.0%	149	1,506	-90.1%
GASOIL 10P CRG CIF NW VS	3V	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	0	9	-100.0%	0	0	0.0%	0	0	0.0%	39	21	85.7%
GASOIL BULLET SWAP	BG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	305	66	362.1%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	204	1,188	-82.8%	0	0	0.0%	0	0	0.0%	10,730	39,294	-72.7%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	892	120	643.3%	0	0	0.0%	0	0	0.0%	6,175	2,947	109.5%
GERMAN POWER BASELOAD C	DEB	0	0	0.0%	2,731	962	1.84	12	0	0.0%	0	0	0.0%	26,684	5,441	390.4%	12	0	0.0%
GROUP THREE ULSD (PLATTS)	A7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%
GROUP THREE UNLEAD GAS (F	A9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	425	-29.4%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	2,128	3,268	-34.9%	0	0	0.0%	0	0	0.0%	38,592	42,527	-9.3%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	2,155	2,495	-13.6%	0	0	0.0%	0	0	0.0%	29,467	25,837	14.0%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	363	446	-18.6%	0	0	0.0%	0	0	0.0%	9,191	14,048	-34.6%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	162	204	-20.6%	0	0	0.0%	0	0	0.0%	429	1,606	-73.3%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	7,318	16,525	-55.7%	0	0	0.0%	0	0	0.0%	217,981	403,914	-46.0%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	17,116	30,639	-44.1%	0	0	0.0%	2	0	0.0%	258,240	608,490	-57.6%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	550	936	-41.2%	0	0	0.0%	0	0	0.0%	3,688	18,242	-79.8%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	237	377	-37.1%	0	0	0.0%	0	0	0.0%	4,053	3,950	2.6%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	360	1,655	-78.2%

The information herein is taken form 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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry DEC 2019	Outcry DEC 2018	% CHG	DEC 2019	DEC 2018	CHG	ClearPort DEC 2019	ClearPort DEC 2018	CHG	Outcry Y.T.D 2019	Outcry Y.T.D 2018	CHG	Y.T.D 2019	Y.T.D 2018	CHG	ClearPort Y.T.D 2019	ClearPort Y.T.D 2018	% CHG
Energy Futures																			
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	40	0	0.0%	0	0	0.0%	0	0	0.0%	605	243	149.0%
HEATING OIL CRCK SPRD BAL	1H	0	-	-	0	-		0	-	-	0	-	-	0	-	-	18	-	-
HEATING OIL PHY	HOL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HENRY HUB BASIS SWAP	HB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	21,170	32,088	-34.0%
HENRY HUB FINANCIAL LAST	NBP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	26,818	-100.0%	0	0	0.0%
HENRY HUB FINANCIAL LAST	TTE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	885	-100.0%	0	0	0.0%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	21,170	32,088	-34.0%
HENRY HUB SWAP	NN	0	0	0.0%	0	614	-1	195,250	105,982	84.2%	0	0	0.0%	122	69,345	-99.8%	1,255,152	1,886,367	-33.5%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	736	0	0.0%
HUSTN SHIP CHNL PIPE SWP	XJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	1,915	2,550	-24.9%	0	0	0.0%	0	0	0.0%	65,001	106,858	-39.2%
ICE GASOIL BALMO SWAP	U9	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,248	-100.0%
INDIANA MISO	FAD	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDIANA MISO	FTM	-	0	0.0%	-	0	0	-	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	MCC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
INDONESIAN COAL ICI4	ICI	0	0	0.0%	0	0	0	206	40	415.0%	0	0	0.0%	0	0	0.0%	3,711	1,760	110.9%
ISO NEW ENGLAND OFF-PEAK	KI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	NI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	196	1,890	-89.6%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	262	829	-68.4%	0	0	0.0%	0	0	0.0%	10,336	23,044	-55.1%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	28	9	211.1%	0	0	0.0%	0	0	0.0%	361	637	-43.3%
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	0	35	-100.0%	0	0	0.0%	0	0	0.0%	262	677	-61.3%
JET FUEL BRG FOB RDM VS I	9Q	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	132	0	0.0%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	2,246	5,705	-60.6%	0	0	0.0%	0	0	0.0%	45,594	71,272	-36.0%
JKM LNG Futures	JKM	0	0	0.0%	0	0	0	625	620	0.8%	0	0	0.0%	0	0	0.0%	21,367	16,299	31.1%
LA CARB DIESEL (OPIS)	LX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LA CARB DIESEL (OPIS) SWA	KL	0	0	0.0%	0	0	0	0	192	-100.0%	0	0	0.0%	0	0	0.0%	400	3,287	-87.8%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	100	160	-37.5%	0	0	0.0%	0	0	0.0%	2,975	5,670	-47.5%

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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
LA JET FUEL VS NYM NO 2 H	MQ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	900	595	51.3%	0	0	0.0%	0	0	0.0%	13,784	21,774	-36.7%
LLS (ARGUS) CALENDAR SWAP	XA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	607	-100.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	0	1,195	-100.0%	0	0	0.0%	0	0	0.0%	19,989	60,624	-67.0%
LOS ANGELES CARB GASOLIN	MH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	10	0.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	1,275	25	5,000.0%	0	0	0.0%	0	0	0.0%	16,030	22,295	-28.1%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	75	-1	16,845	13,225	27.4%	0	0	0.0%	480	650	-26.2%	215,383	232,616	-7.4%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,319	-100.0%
MCCLOSKEY ARA ARGS COAL	MTF	0	0	0.0%	840	0	0	19,644	11,531	70.4%	0	0	0.0%	7,642	731	945.4%	349,867	273,441	27.9%
MCCLOSKEY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	903	975	-7.4%	0	0	0.0%	0	0	0.0%	25,865	33,286	-22.3%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	268	-96.3%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	30	110	-72.7%	0	0	0.0%	0	0	0.0%	540	923	-41.5%
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	90	104	-13.5%	0	0	0.0%	0	0	0.0%	2,169	3,902	-44.4%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	0	358	-100.0%	0	0	0.0%	0	0	0.0%	3,910	3,741	4.5%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	667	835	-20.1%	0	0	0.0%	0	0	0.0%	21,061	20,908	0.7%
MJC FUT	MJC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	1,460	-89.7%
MNC FUT	MNC	0	0	0.0%	0	0	0	1,431	2,854	-49.9%	0	0	0.0%	0	0	0.0%	37,392	48,644	-23.1%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	14,434	17,112	-15.6%	0	0	0.0%	0	0	0.0%	187,794	189,923	-1.1%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	347	210	65.2%	0	0	0.0%	0	0	0.0%	1,851	1,900	-2.6%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	6	25	-0.76	129,870	79,662	63.0%	0	0	0.0%	124	237	-47.7%	1,717,382	1,461,941	17.5%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	944	2,956	-68.1%	0	0	0.0%	0	0	0.0%	31,494	29,975	5.1%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	6,651	5,810	14.5%	0	0	0.0%	0	0	0.0%	105,357	97,757	7.8%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	625	565	10.6%	0	0	0.0%	0	0	0.0%	7,781	4,191	85.7%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	52,156	27,196	91.8%	0	0	0.0%	0	0	0.0%	581,603	427,121	36.2%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	1,407	916	53.6%	0	0	0.0%	0	0	0.0%	15,312	12,905	18.7%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS	XIC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	DSF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS INDEX	TZI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	16,368	32,241	-49.2%	0	0	0.0%	0	0	0.0%	345,737	422,431	-18.2%
NEPOOL CNCTCT 5MW D AH O	P3	0	0	0.0%	0	0	0	0	0	0.0%	0	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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry DEC 2019	Outcry DEC 2018	% CHG	DEC 2019	DEC 2018	CHG	ClearPort DEC 2019	ClearPort DEC 2018	CHG	Outcry Y.T.D 2019	Outcry Y.T.D 2018	CHG	Y.T.D 2019	Y.T.D 2018	CHG	ClearPort Y.T.D 2019	ClearPort Y.T.D 2018	% CHG
Energy Futures																			
NEPOOL CONECTIC 5MW D AH	P2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	H2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	71,600	136,440	-47.5%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	220	12,711	-98.3%
NEPOOL NE MASS 5MW D AH O	P8	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	U5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D A	L9	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	EZ	0	0	0.0%	0	0	0	695	555	25.2%	0	0	0.0%	0	0	0.0%	10,043	12,583	-20.2%
NEW YORK HUB ZONE G PEAK	GN	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	1,760	4,748	-62.9%
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	0	2,400	-100.0%	0	0	0.0%	0	0	0.0%	2,696	50,116	-94.6%
N ILLINOIS HUB DAILY	UD	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALE	UT	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	925	3,133	-70.5%
NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
NORTHERN ILLINOIS OFF-PEA	UO	-	0	0.0%	-	0	0	-	0	0.0%	-	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%	0	0	0.0%	0	0	0.0%	3,106	0	0.0%
N ROCKIES PIPE SWAP	XR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	59	-100.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	460	1,465	-68.6%	0	0	0.0%	0	0	0.0%	5,447	15,373	-64.6%
NY 2.2% FUEL OIL (PLATTS	Y3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	0	110	-100.0%	0	0	0.0%	0	0	0.0%	775	1,905	-59.3%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	50	-50.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	4	-1	1,219	1,673	-27.1%	0	0	0.0%	19	81	-76.5%	24,217	29,379	-17.6%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	390	3,445	-88.7%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	949	1,265	-25.0%	0	0	0.0%	0	0	0.0%	10,317	12,678	-18.6%
NY HARBOR RESIDUAL FUEL C	ML	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	1,410	60	2,250.0%	0	0	0.0%	0	0	0.0%	6,585	8,636	-23.7%
NYISO A	KA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO A OFF-PEAK	KB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

The information herein is taken form 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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC			CME	CME		Open	Open		ELEC	ELEC		CME	CME	
Commodity	Indicator	Outcry	Outcry	%	DEC	ELEC	%	ClearPort	ClearPort	%	Outcry	Outcry	%	Y.T.D	Y.T.D	%	ClearPort	ClearPort	%
		DEC	DEC	CHG	2019	DEC 2018	CHG	DEC 2019	DEC 2018	CHG	Y.T.D	Y.T.D	CHG	2019	2018	CHG	Y.T.D	Y.T.D	% CHG
Energy Futures																			
NYISO CAPACITY	LHV	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	620	766	-19.1%
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	795	-100.0%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	60	395	-84.8%
NYISO G	KG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO G OFF-PEAK	KH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO J	KJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	0	0.0%	0	0	0.0%	0	44,264	-100.0%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,890	-100.0%
NYISO ZONE C 5MW D AH O P	A3	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYISO ZONE C 5MW D AH PK	Q5	-	0	0.0%	-	0	0	-	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	101,424	626,384	-83.8%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	8,394	21,159	-60.3%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	0	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%	0	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	0	0.0%	0	0	0.0%	0	0	0.0%	2,000	0	0.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	645	0	0.0%	0	0	0.0%	0	0	0.0%	3,415	213	1,503.3%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,860	2,704	-31.2%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	OFM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	10	150.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	275	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	131	139	-5.8%	0	0	0.0%	0	0	0.0%	2,014	2,117	-4.9%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	47	111	-57.7%	0	0	0.0%	0	0	0.0%	1,185	1,745	-32.1%
PETROCHEMICALS	3NA	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	49	51	-3.9%
PETROCHEMICALS	51	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	79	23	243.5%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	598	133	349.6%	0	0	0.0%	0	0	0.0%	8,265	6,893	19.9%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	157	220	-28.6%	0	0	0.0%	0	0	0.0%	5,761	5,018	14.8%
PETROCHEMICALS	HPE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	MAA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	280	50	460.0%

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 Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry DEC 2019	Outcry DEC 2018	% CHG	DEC 2019	DEC 2018	CHG	ClearPort DEC 2019	ClearPort DEC 2018	CHG	Outcry Y.T.D 2019	Outcry Y.T.D 2018	CHG	Y.T.D 2019	Y.T.D 2018	CHG	ClearPort Y.T.D 2019	ClearPort Y.T.D 2018	% CHG
Energy Futures																			
PETROCHEMICALS	MAC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	540	216	150.0%	0	0	0.0%	0	0	0.0%	4,609	2,780	65.8%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	168	170	-1.2%	0	0	0.0%	0	0	0.0%	2,450	2,251	8.8%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	10	270	-96.3%	0	0	0.0%	0	0	0.0%	3,975	9,160	-56.6%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	128	932	-86.3%	0	0	0.0%	0	0	0.0%	6,658	20,582	-67.7%
PETROCHEMICALS	MPS	0	0	0.0%	0	0	0	350	109	221.1%	0	0	0.0%	0	0	0.0%	2,774	1,462	89.7%
PETRO CRCKS & SPRDS ASIA	JNC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	0	0.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	390	-100.0%	0	0	0.0%	0	0	0.0%	0	790	-100.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	332	539	-38.4%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	4,495	6,055	-25.8%	0	0	0.0%	0	0	0.0%	77,511	35,880	116.0%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	1,067	1,773	-39.8%	0	0	0.0%	0	0	0.0%	27,974	32,982	-15.2%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	3,870	7,275	-46.8%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	625	2,035	-69.3%	0	0	0.0%	0	0	0.0%	6,749	14,760	-54.3%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,740	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	885	347	155.0%	0	0	0.0%	0	0	0.0%	14,364	14,947	-3.9%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	163	84.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	2,004	8,077	-75.2%	0	0	0.0%	0	0	0.0%	42,072	130,251	-67.7%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	40	150.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	855	84	917.9%	0	0	0.0%	0	0	0.0%	19,331	9,206	110.0%
PETRO CRCKS & SPRDS NA	KSD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4	-100.0%
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	225	0	0.0%
PETRO CRCKS & SPRDS NA	NYH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	2,236	325	588.0%	0	0	0.0%	0	0	0.0%	74,208	57,935	28.1%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	8,979	13,142	-31.7%	0	0	0.0%	0	0	0.0%	150,546	187,871	-19.9%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	55	25	120.0%	0	0	0.0%	0	0	0.0%	1,200	371	223.5%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	525	410	28.0%	0	0	0.0%	0	0	0.0%	11,233	20,126	-44.2%
PETRO CRK&SPRD EURO	1ND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	155	3,414	-95.5%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	60	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	39	437	-91.1%	0	0	0.0%	0	0	0.0%	5,351	18,153	-70.5%
PETRO CRK&SPRD EURO	EGB	-	0	0.0%	-	0	0	-	0	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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	%	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
PETRO CRK&SPRD EURO	EGN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	53	222	-76.1%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	194	255	-23.9%	0	0	0.0%	0	0	0.0%	6,232	10,741	-42.0%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	120	504	-76.2%	0	0	0.0%	0	0	0.0%	6,990	21,636	-67.7%
PETRO CRK&SPRD EURO	FBT	0	-	-	0	-		0	-	-	0	-	-	0	-	-	60	-	-
PETRO CRK&SPRD EURO	FVB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	0	325	-100.0%	0	0	0.0%	0	0	0.0%	527	1,005	-47.6%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	84	-100.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	160	220	-27.3%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	140	173	-19.1%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	58	182	-68.1%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	82	684	-88.0%	0	0	0.0%	0	0	0.0%	3,591	21,394	-83.2%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	56	125	-55.2%
PETROLEUM PRODUCTS	1NM	0	-	-	0	-		125	-	-	0	-	-	0	-	-	913	-	-
PETROLEUM PRODUCTS	EWB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	EWG	0	0	0.0%	0	0	0	525	2,812	-81.3%	0	0	0.0%	0	0	0.0%	23,725	58,413	-59.4%
PETROLEUM PRODUCTS	H5F	0	-	-	0	-		228	-	-	0	-	-	0	-	-	5,396	-	-
PETROLEUM PRODUCTS	JCC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	720	-	-
PETROLEUM PRODUCTS	MBS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	MGS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	MME	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	NCC	0	-	-	0	-		0	-	-	0	-	-	0	-	-	10	-	-
PETROLEUM PRODUCTS	R5F	0	-	-	0	-		10	-	-	0	-	-	0	-	-	42	-	-
PETROLEUM PRODUCTS	S53	0	-	-	0	-		0	-	-	0	-	-	0	-	-	56	-	-
PETROLEUM PRODUCTS	UP5	0	-	-	0	-		117	-	-	0	-	-	0	-	-	1,266	-	-
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	815	1,339	-39.1%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	168	714	-76.5%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	290	1,400	-79.3%	0	0	0.0%	0	0	0.0%	14,151	22,700	-37.7%
PETROLEUM PRODUCTS ASIA	MSB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	OB	0	0	0.0%	0	0	0	110	20	450.0%	0	0	0.0%	0	0	0.0%	577	144	300.7%
PETRO OUTRIGHT EURO	OC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	45	23	95.7%
PETRO OUTRIGHT EURO	OD	0	0	0.0%	0	0	0	852	1,205	-29.3%	0	0	0.0%	0	0	0.0%	14,805	15,797	-6.3%
PETRO OUTRIGHT EURO	OE	0	0	0.0%	0	0	0	0	11	-100.0%	0	0	0.0%	0	0	0.0%	136	249	-45.4%

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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

	Commodity Indicator	Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	184	439	-58.1%	0	0	0.0%	0	0	0.0%	3,734	6,014	-37.9%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	8	39	-79.5%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	10	22	-54.5%	0	0	0.0%	0	0	0.0%	246	286	-14.0%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	107	217	-50.7%
PETRO OUTRIGHT EURO	6L	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	985	1,235	-20.2%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	12	77	-84.4%	0	0	0.0%	0	0	0.0%	1,358	3,083	-56.0%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	31	125	-75.2%
PETRO OUTRIGHT EURO	CBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	80	-37.5%
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	328	155	111.6%	0	0	0.0%	0	0	0.0%	2,708	3,608	-24.9%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	219	185	18.4%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	31	0	0.0%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	163	150	8.7%
PETRO OUTRIGHT EURO	ESB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	87	599	-85.5%	0	0	0.0%	0	0	0.0%	4,356	8,461	-48.5%
PETRO OUTRIGHT EURO	FBD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	FLB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	5	20.0%
PETRO OUTRIGHT EURO	GES	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	H5G	0	-	-	0	-		345	-	-	0	-	-	0	-	-	1,602	-	-
PETRO OUTRIGHT EURO	M1B	0	-	-	0	-		592	-	-	0	-	-	0	-	-	2,237	-	-
PETRO OUTRIGHT EURO	M35	0	-	-	0	-		0	-	-	0	-	-	0	-	-	24	-	-
PETRO OUTRIGHT EURO	MBB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	321	-98.4%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	370	1,044	-64.6%	0	0	0.0%	0	0	0.0%	3,601	10,161	-64.6%
PETRO OUTRIGHT EURO	MEF	0	0	0.0%	0	0	0	38	312	-87.8%	0	0	0.0%	0	0	0.0%	3,535	1,812	95.1%
PETRO OUTRIGHT EURO	R53	0	-	-	0	-		0	-	-	0	-	-	0	-	-	203	-	-
PETRO OUTRIGHT EURO	R5M	0	-	-	0	-		259	-	-	0	-	-	0	-	-	1,867	-	-
PETRO OUTRIGHT EURO	R5O	0	-	-	0	-		340	-	-	0	-	-	0	-	-	2,569	-	-
PETRO OUTRIGHT EURO	S5F	0	-	-	0	-		19	-	-	0	-	-	0	-	-	155	-	-
PETRO OUTRIGHT EURO	S5M	0	-	-	0	-		756	-	-	0	-	-	0	-	-	2,470	-	-
PETRO OUTRIGHT EURO	S5O	0	-	-	0	-		356	-	-	0	-	-	0	-	-	861	-	-
PETRO OUTRIGHT EURO	SMU	0	0	0.0%	0	0	0	120	0	0.0%	0	0	0.0%	0	0	0.0%	970	553	75.4%
PETRO OUTRIGHT EURO	T0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9	-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 Comparison Report - Monthly

Commodity Indicator		Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
PETRO OUTRIGHT EURO	T2B	0	-	-	0	-		0	-	-	0	-	-	0	-	-	15	-	-
PETRO OUTRIGHT EURO	TMB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	50	-	-
PETRO OUTRIGHT EURO	ULB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	V0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	980	-100.0%
PETRO OUTRIGHT EURO	X0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	116	-100.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	426	808	-47.3%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8	-100.0%
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	240	111	116.2%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	700	1,720	-59.3%	0	0	0.0%	0	0	0.0%	25,680	35,110	-26.9%
PETRO OUTRIGHT NA	JTB	0	0	0.0%	0	0	0	225	450	-50.0%	0	0	0.0%	0	0	0.0%	7,798	8,000	-2.5%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	334	40	735.0%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	105	94	11.7%	0	0	0.0%	0	0	0.0%	1,862	4,846	-61.6%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	733	1,405	-47.8%	0	0	0.0%	0	0	0.0%	25,216	39,908	-36.8%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	172	0	0.0%	0	0	0.0%	0	0	0.0%	545	100	445.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	35	40	-12.5%	0	0	0.0%	0	0	0.0%	854	260	228.5%
PETRO OUTRIGHT NA	NYT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	XER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	300	-100.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	0	7,440	-100.0%	0	0	0.0%	0	0	0.0%	117,180	72,197	62.3%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	0	0	840	-100.0%	0	0	0.0%	0	0	0.0%	2,560	15,198	-83.2%
PJM AECO DA OFF-PEAK	X1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM AECO DA PEAK	Y1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM APS ZONE DA OFF-PEAK	W4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM APS ZONE DA PEAK	S4	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	0	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%	0	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%	0	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%	0	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%	0	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%	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM JCPL DA OFF-PEAK	F2	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM JCPL DA PEAK	J2	-	0	0.0%	-	0	0	-	0	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 Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity		Outcry	Outcry	%	DEC	DEC		ClearPort	ClearPort		Outcry	Outcry		Y.T.D	Y.T.D		ClearPort	ClearPort	
Indicator		2019	2018	CHG	2019	2018	CHG	DEC 2019	DEC 2018	CHG	Y.T.D 2019	Y.T.D 2018	CHG	2019	2018	CHG	Y.T.D 2019	Y.T.D 2018	% CHG
Energy Futures																			
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	0	0	840	-100.0%	0	0	0.0%	0	0	0.0%	3,845	7,220	-46.7%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	70,000	5,925	1,081.4%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	770	-100.0%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	64	-100.0%
PJM OFF-PEAK LMP SWAP FUT	JP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CA	4N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,960	-100.0%
PJM PPL DA OFF-PEAK	F5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PPL DA PEAK	L5	-	0	0.0%	-	0	0	-	0	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%	0	0	0.0%	0	0	0.0%	0	78,780	-100.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,235	-100.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	101,810	-100.0%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5,525	-100.0%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	0	20,040	-100.0%	0	0	0.0%	0	0	0.0%	47,100	392,520	-88.0%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	6,168	2,860	115.7%	0	0	0.0%	0	0	0.0%	59,799	63,850	-6.3%
PLASTICS	PGP	0	0	0.0%	0	0	0	380	537	-29.2%	0	0	0.0%	0	0	0.0%	8,328	5,560	49.8%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	0	320	-100.0%	0	0	0.0%	0	0	0.0%	858	3,158	-72.8%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	139	443	-68.6%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	83	-75.9%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	35	366	-90.4%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	855	1,817	-52.9%	0	0	0.0%	0	0	0.0%	16,300	7,013	132.4%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	19,169	11,666	64.3%	0	0	0.0%	0	0	0.0%	240,228	150,843	59.3%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	4,364	3,201	36.3%	0	0	0.0%	0	0	0.0%	67,785	65,352	3.7%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	570	75	660.0%	0	0	0.0%	0	0	0.0%	14,130	9,658	46.3%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	0	0.0%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	693	509	36.1%	0	0	0.0%	0	0	0.0%	11,098	11,687	-5.0%
RBOB PHY	RBL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB SPREAD (PLATTS) SWAP	RI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	1,975	-92.4%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	58	-100.0%
SAN JUAN PIPE SWAP	XX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	360	-100.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	0	16	-100.0%	0	0	0.0%	0	0	0.0%	230	499	-53.9%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	5	160	-96.9%	0	0	0.0%	0	0	0.0%	937	2,454	-61.8%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	616	3,863	-84.1%	0	0	0.0%	0	0	0.0%	30,678	95,826	-68.0%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	81	201	-59.7%	0	0	0.0%	0	0	0.0%	2,511	8,683	-71.1%

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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

	Commodity Indicator	Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	90	75	20.0%	0	0	0.0%	0	0	0.0%	778	6,261	-87.6%
SINGAPORE GASOIL	MAF	0	0	0.0%	0	0	0	816	2,695	-69.7%	0	0	0.0%	0	0	0.0%	23,372	4,748	392.2%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	65	61	6.6%	0	0	0.0%	0	0	0.0%	772	615	25.5%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	831	2,935	-71.7%	0	0	0.0%	0	0	0.0%	39,136	55,855	-29.9%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,300	-100.0%
SINGAPORE GASOIL CALEND	GDH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
SINGAPORE GASOIL CALEND	GDL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	250	-100.0%
SINGAPORE GASOIL CALEND	GHS	0	0	0.0%	0	0	0	0	9	-100.0%	0	0	0.0%	0	0	0.0%	270	9	2,900.0%
SINGAPORE GASOIL CALEND	MGO	0	0	0.0%	0	0	0	0	21	-100.0%	0	0	0.0%	0	0	0.0%	0	221	-100.0%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	1,343	250	437.2%	0	0	0.0%	0	0	0.0%	3,425	5,132	-33.3%
SINGAPORE GASOIL CALEND	SGG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	325	-100.0%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	1,494	2,085	-28.3%	0	0	0.0%	0	2	-100.0%	12,033	49,342	-75.6%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	75	1,325	-94.3%	0	0	0.0%	0	0	0.0%	4,758	130,138	-96.3%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	215	-76.7%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	0	525	-100.0%	0	0	0.0%	0	0	0.0%	100	35,345	-99.7%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	1,414	175	708.0%	0	0	0.0%	0	0	0.0%	7,909	13,450	-41.2%
SINGAPORE JET KERO VS. GAS	Z0	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	400	-100.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	0	296	-100.0%	0	0	0.0%	0	0	0.0%	1,500	6,067	-75.3%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	6,835	10,126	-32.5%	0	0	0.0%	0	2	-100.0%	101,129	162,078	-37.6%
SINGAPORE NAPHTHA SWAP	SP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%
SING FUEL	MSD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	100	-70.0%
SOCAL PIPE SWAP	XN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SONAT BASIS SWAP FUTURE	SZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SOUTH STAR TEX OKLHM KNS	8Z	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Sumas Basis Swap	NK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	91	-100.0%
SUMAS NAT GAS PLATTS FIXE	DVS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TC2 ROTTERDAM TO USAC 37K	TM	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	2,461	1,052	133.9%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	195	480	-59.4%	0	0	0.0%	0	0	0.0%	3,611	1,665	116.9%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	0	856	-100.0%	0	0	0.0%	0	0	0.0%	0	856	-100.0%
TCO NG INDEX SWAP	Q1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TD3 MEG TO JAPAN 250K MT	TL	0	0	0.0%	0	0	0	2,409	3,125	-22.9%	0	0	0.0%	0	0	0.0%	61,189	20,671	196.0%
TENNESSEE 500 LEG BASIS S	NM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TENNESSEE 800 LEG NG BASI	6Z	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	0	0	0.0%	0	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 Comparison Report - Monthly

		Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	%	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Futures																			
TETCO M-3 INDEX	IX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Tetco STX Basis	TX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TEXAS GAS ZONE1 NG BASIS	9F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Transco Zone 3 Basis	CZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 3 NG INDEX S	Y6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 4 NAT GAS IN	B2	-	0	0.0%	-	0	0	-	0	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%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 INDEX	IT	-	0	0.0%	-	0	0	-	0	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%	0	0	0.0%	0	0	0.0%	20	80	-75.0%
UK NBP NAT GAS CAL MTH FUT	UKG	0	0	0.0%	1,106	970	0.14	0	0	0.0%	0	0	0.0%	7,445	49,232	-84.9%	0	150	-100.0%
ULSD 10PPM CIF MED SWAP	Z6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	14	-100.0%
ULSD 10PPM CIF NW BALMO S	B1	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	9,575	3,600	166.0%	0	0	0.0%	0	0	0.0%	70,855	67,675	4.7%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	28,961	20,772	39.4%	0	0	0.0%	0	0	0.0%	409,270	383,467	6.7%
WAHA BASIS	NW	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	650	3,451	-81.2%
WAHA INDEX SWAP FUTURE	IY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	250	0	0.0%	0	0	0.0%	0	0	0.0%	2,203	6,650	-66.9%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	31,709	13,439	135.9%	0	0	0.0%	0	6	-100.0%	428,919	346,944	23.6%
WTI CALENDAR	CS	0	0	0.0%	0	0	0	50,289	25,795	95.0%	0	0	0.0%	0	0	0.0%	512,762	399,374	28.4%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	6,373	2,574	147.6%	0	0	0.0%	0	0	0.0%	52,510	91,302	-42.5%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	0	120	-100.0%	0	0	0.0%	0	0	0.0%	7,270	6,345	14.6%
Energy Options																			
12 MO GASOIL CAL SWAP SPR	GXZ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT 1 MONTH CAL	AA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,000	-100.0%
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	186	3,000	-93.8%	0	0	0.0%	0	24	-100.0%	4,896	16,438	-70.2%
BRENT CRUDE OIL 12 M CSO	9Y	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,000	-100.0%
BRENT CRUDE OIL 1 M CSO	9C	0	0	0.0%	0	0	0	100	12,000	-99.2%	0	0	0.0%	1,800	3,000	-40.0%	34,090	420,088	-91.9%

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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Options																		
BRENT CRUDE OIL 6 M CSO	9L	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,000	-100.0%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	16,750	-74.2%	0	0	0.0%	0	0	0.0%	372,326	469,058	-20.6%
BRENT OIL LAST DAY	BZO	0	0	0.0%	25,102	70,677	-0.64	28,000	0.4%	0	0	0.0%	709,897	875,136	-18.9%	378,807	1,092,133	-65.3%
BRENT OIL LAST DAY	OS	0	0	0.0%	0	100	-1	0	0.0%	0	0	0.0%	0	290	-100.0%	0	1,000	-100.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	0	-100.0%	0	0	0.0%	0	0	0.0%	225	6,640	-96.6%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	835	3,655	-77.2%
COAL API2 INDEX	MTC	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COAL API4 INDEX	RLA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CRUDE OIL	6Y	0	-	-	0	-	0	-	-	0	-	-	0	-	-	150	-	-
CRUDE OIL 1MO	WA	0	0	0.0%	4,450	7,400	-0.4	101,602	-41.0%	0	0	0.0%	95,237	196,385	-51.5%	2,365,427	2,214,265	6.8%
CRUDE OIL APO	AO	0	0	0.0%	0	0	0	99,113	106.7%	0	0	0.0%	3	336	-99.1%	639,486	534,511	19.6%
CRUDE OIL CALNDR STRIP	6F	0	0	0.0%	0	0	0	200	0.0%	0	0	0.0%	0	0	0.0%	400	170	135.3%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8,000	-100.0%
CRUDE OIL OUTRIGHTS	DBP	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	WCI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	960	390	146.2%
CRUDE OIL PHY	CD	0	0	0.0%	0	0	0	500	0.0%	0	0	0.0%	0	0	0.0%	1,800	21,350	-91.6%
CRUDE OIL PHY	LC	0	0	0.0%	0	24	-1	14,720	-26.5%	0	0	0.0%	80	748	-89.3%	138,804	148,278	-6.4%
CRUDE OIL PHY	LO	0	0	0.0%	1,676,040	2,722,954	-0.38	321,516	-36.2%	0	0	0.0%	26,710,035	36,521,704	-26.9%	4,540,932	8,000,278	-43.2%
CRUDE OIL PHY	LO1	0	0	0.0%	37,861	19,355	0.96	0	0.0%	0	0	0.0%	209,302	188,460	11.1%	875	483	81.2%
CRUDE OIL PHY	LO2	0	0	0.0%	26,576	738	35.01	50	0.0%	0	0	0.0%	178,513	179,122	-0.3%	600	450	33.3%
CRUDE OIL PHY	LO3	0	0	0.0%	25,349	25,872	-0.02	50	0.0%	0	0	0.0%	124,176	160,640	-22.7%	750	325	130.8%
CRUDE OIL PHY	LO4	0	0	0.0%	21,788	17,766	0.23	1,350	92.9%	0	0	0.0%	205,496	201,018	2.2%	1,650	1,050	57.1%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	69,059	71,160	-3.0%	700	475	47.4%
ELEC MISO PEAK	9T	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHANOL	CE1	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	275	-100.0%
ETHANOL	CE3	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	5,220	40.6%	0	0	0.0%	0	0	0.0%	121,721	70,070	73.7%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	270	-33.3%	0	0	0.0%	0	0	0.0%	1,050	3,898	-73.1%
EUROPEAN JET KEROSENE N	30	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FREIGHT MARKETS	TDT	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,800	-	-
GASOLINE	GCE	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open		ELEC	ELEC	%	CME	CME	
Commodity Indicator		Outcry DEC 2019	Outcry DEC 2018	% CHG	DEC 2019	DEC 2018	CHG	ClearPort DEC 2019	ClearPort DEC 2018	CHG	Outcry Y.T.D 2019	Outcry Y.T.D 2018	% CHG	Y.T.D 2019	Y.T.D 2018	CHG	ClearPort Y.T.D 2019	ClearPort Y.T.D 2018	% CHG
Energy Options																			
HEATING OIL CRACK OPTIONS	CH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HEATING OIL CRK SPD AVG PR	3W	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	372	1,048	-64.5%	0	0	0.0%	2	0	0.0%	2,372	2,767	-14.3%
HEATING OIL PHY	OH	0	0	0.0%	3,014	4,643	-0.35	8,890	32,738	-72.8%	0	0	0.0%	53,884	63,035	-14.5%	262,551	323,824	-18.9%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	6,138	4,495	36.6%	0	0	0.0%	94	5	1,780.0%	70,802	52,498	34.9%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,550	2,600	-1.9%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
LLS CRUDE OIL	YVO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	75	0	0.0%	0	0	0.0%	0	0	0.0%	555	290	91.4%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,125	2,145	-47.6%
NATURAL GAS	G10	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS 1 M CSO FIN	G4	0	0	0.0%	6,900	1,705	3.05	276,700	76,834	260.1%	0	0	0.0%	46,275	4,334	967.7%	1,152,030	566,475	103.4%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	10,100	0	0.0%	0	0	0.0%	0	0	0.0%	31,150	1,430	2,078.3%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	23,500	0	0.0%	0	0	0.0%	0	1	-100.0%	251,925	44,245	469.4%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	6,400	2,550	151.0%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	29,350	6,350	362.2%	0	0	0.0%	0	0	0.0%	136,025	102,850	32.3%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	2,400	2,980	-19.5%	0	0	0.0%	0	0	0.0%	31,440	37,282	-15.7%
NATURAL GAS PHY	KD	0	0	0.0%	249	0	0	2,225	1,045	112.9%	0	0	0.0%	6,990	123,504	-94.3%	39,765	79,130	-49.7%
NATURAL GAS PHY	LN	0	0	0.0%	1,111,450	1,014,717	0.1	654,242	710,139	-7.9%	0	0	0.0%	11,157,630	13,996,569	-20.3%	8,074,739	8,856,335	-8.8%
NATURAL GAS PHY	ON	0	0	0.0%	176,343	137,110	0.29	3,765	11,046	-65.9%	0	0	0.0%	1,541,972	2,216,337	-30.4%	39,281	166,782	-76.4%
NATURAL GAS WINTER STRIP	6I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,500	2,700	-44.4%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,352	3,556	22.4%
NY HARBOR HEAT OIL SWP	AT	0	0	0.0%	10	8	0.25	1,260	3,672	-65.7%	0	0	0.0%	453	610	-25.7%	27,408	35,172	-22.1%
NYISO ZONE G 5MW PEAK OPT	9U	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL AP	F7	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PANHANDLE PIPE SWAP	PU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	4H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	41	23	78.3%	4,831	6,639	-27.2%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	1,350	-85.2%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	560	3,300	-83.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	0	0.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	BCO	0	-	-	0	-		0	-	-	0	-	-	0	-	-	36	-	-
PETRO OUTRIGHT NA	DAP	0	0	0.0%	0	0	0	120	240	-50.0%	0	0	0.0%	0	0	0.0%	660	792	-16.7%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	200	60	233.3%	0	0	0.0%	0	0	0.0%	1,200	860	39.5%

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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Options																			
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	880	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	836	7,488	-88.8%
RBOB 1MO CAL SPD OPTIONS	ZA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	150	700	-78.6%
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	60	225	-73.3%	0	0	0.0%	0	0	0.0%	636	1,350	-52.9%
RBOB CRACK	RX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	0	0.0%
RBOB PHY	OB	0	0	0.0%	1,499	2,543	-0.41	3,130	6,265	-50.0%	0	0	0.0%	39,029	39,205	-0.4%	114,490	105,727	8.3%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	6	0	0.0%	1,618	125	1,194.4%
ROTTERDAM 3.5%FUEL OIL CL	Q6	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,880	2,149	80.5%
SHORT TERM	C15	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	500	-100.0%
SHORT TERM	U11	0	0	0.0%	0	0	0	500	0	0.0%	0	0	0.0%	0	111	-100.0%	1,250	1,125	11.1%
SHORT TERM	U12	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	100	-100.0%	1,530	1,800	-15.0%
SHORT TERM	U13	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	1	0	0.0%	250	500	-50.0%
SHORT TERM	U14	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	13	-100.0%	150	850	-82.4%
SHORT TERM	U15	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	147	-83.0%	1,650	650	153.8%
SHORT TERM	U22	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	1	96	-99.0%	0	1,175	-100.0%
SHORT TERM	U23	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	17	148	-88.5%	100	750	-86.7%
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	379	-100.0%	250	500	-50.0%
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	2	-100.0%	0	150	-100.0%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	600	-83.3%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	625	550	13.6%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	98	-100.0%	675	2,700	-75.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	4	54	-92.6%	700	2,225	-68.5%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	125	-100.0%	1,400	1,850	-24.3%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	375	0	0.0%	0	0	0.0%	0	100	-100.0%	625	1,530	-59.2%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	5	50	-90.0%	600	1,450	-58.6%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	4	1	300.0%	750	1,850	-59.5%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	52	-100.0%	2,650	1,425	86.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	34	-100.0%	800	1,600	-50.0%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,150	1,250	-8.0%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	150	-100.0%	250	550	-54.5%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	96	-100.0%	450	2,200	-79.5%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	22	13.6%	300	1,600	-81.3%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	123	-100.0%	200	225	-11.1%

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 Rulesand Regulations of the CME Group should be consulted as the authoritative source on all currencontract specifications and regulations. The open interest values are based on preliminary open interest values only.

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Energy Options																			
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	25	-100.0%	500	1,400	-64.3%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	13	-100.0%	50	600	-91.7%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	25	-100.0%	0	500	-100.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	25	0	0.0%	400	100	300.0%
SHORT TERM NATURAL GAS	U29	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	10	-100.0%	150	500	-70.0%
SHORT TERM NATURAL GAS	U30	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	800	100	700.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	0	450	-100.0%	0	0	0.0%	0	27	-100.0%	1,400	450	211.1%
SINGAPORE GASOIL CALEND	M2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEND	N2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	ZN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	BV	0	0	0.0%	1,750	1,710	0.02	17,075	15,875	7.6%	0	0	0.0%	40,855	150,045	-72.8%	543,475	706,270	-23.0%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	0	0	0	29,740	26,900	10.6%	0	0	0.0%	8,600	15,050	-42.9%	587,660	878,890	-33.1%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Metals Futures																			
COMEX GOLD	GC	0	0	0.0%	5,222,845	3,944,681	0.32	171,354	187,328	-8.5%	0	0	0.0%	83,862,556	77,451,789	8.3%	2,646,185	2,849,801	-7.1%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	2,716	1,663	0.63	6,377	5,542	15.1%	0	0	0.0%	36,035	35,596	1.2%	137,721	83,973	64.0%
NYMEX PLATINUM	PL	0	0	0.0%	571,718	480,850	0.19	16,479	17,315	-4.8%	0	0	0.0%	5,669,754	5,310,653	6.8%	192,536	153,146	25.7%
PALLADIUM	PA	0	0	0.0%	80,975	71,523	0.13	2,074	3,365	-38.4%	0	0	0.0%	1,226,858	1,376,227	-10.9%	39,843	57,485	-30.7%
URANIUM	UX	0	0	0.0%	20	6	2.33	0	708	-100.0%	0	0	0.0%	432	799	-45.9%	10,189	6,363	60.1%
COMEX SILVER	SI	0	0	0.0%	1,505,213	1,262,271	0.19	37,513	38,349	-2.2%	0	0	0.0%	23,598,917	23,318,975	1.2%	550,231	668,076	-17.6%
COMEX E-Mini GOLD	QO	0	0	0.0%	15,678	4,651	2.37	0	0	0.0%	0	0	0.0%	241,481	96,481	150.3%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	2,021	847	1.39	0	0	0.0%	0	0	0.0%	49,552	13,401	269.8%	0	0	0.0%
COMEX COPPER	HG	0	0	0.0%	1,651,846	1,384,254	0.19	13,872	21,883	-36.6%	0	0	0.0%	23,828,982	32,393,775	-26.4%	179,878	316,328	-43.1%
COMEX MINY COPPER	QC	0	0	0.0%	320	262	0.22	0	0	0.0%	0	0	0.0%	7,449	5,195	43.4%	0	0	0.0%
ALUMINUM	A38	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	22	112	-80.4%
ALUMINUM	AEP	0	0	0.0%	470	20	22.5	1,815	1,471	23.4%	0	0	0.0%	645	138	367.4%	30,975	19,930	55.4%
ALUMINUM	ALA	0	0	0.0%	20	0	0	0	0	0.0%	0	0	0.0%	20	0	0.0%	1,162	5,755	-79.8%
ALUMINUM	ALI	0	0	0.0%	2,693	0	0	28	0	0.0%	0	0	0.0%	15,501	0	0.0%	158	0	0.0%
ALUMINUM	AUP	0	0	0.0%	1,191	415	1.87	6,124	3,019	102.8%	0	0	0.0%	8,050	8,570	-6.1%	73,708	90,352	-18.4%
ALUMINUM	CUP	0	0	0.0%	300	0	0	0	0	0.0%	0	0	0.0%	300	25	1,100.0%	0	180	-100.0%
ALUMINUM	EDP	0	0	0.0%	0	0	0	1,083	634	70.8%	0	0	0.0%	72	122	-41.0%	27,343	17,608	55.3%
ALUMINUM	MJP	0	0	0.0%	0	0	0	1,050	780	34.6%	0	0	0.0%	0	76	-100.0%	11,560	13,079	-11.6%
COPPER	HGS	0	0	0.0%	0	0	0	1,244	1,031	20.7%	0	0	0.0%	0	0	0.0%	11,165	17,294	-35.4%
FERROUS PRODUCTS	BUS	0	0	0.0%	356	140	1.54	0	1,060	-100.0%	0	0	0.0%	5,375	1,263	325.6%	7,078	18,912	-62.6%
GOLD	GPS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	SGC	0	-	-	827	-	0	0	-	-	0	-	-	14,828	-	-	0	-	-
GOLD	SGU	0	-	-	6,541	-	0	0	-	-	0	-	-	27,891	-	-	0	-	-
Gold Kilo	GCK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	136	-100.0%	0	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	0	2	-1	1,566	1,579	-0.8%	0	0	0.0%	28	174	-83.9%	54,102	43,953	23.1%
LNDN ZINC	ZNC	0	0	0.0%	0	582	-1	0	0	0.0%	0	0	0.0%	1,230	14,057	-91.2%	0	0	0.0%
MICRO GOLD	MGC	0	0	0.0%	512,931	155,462	2.3	0	0	0.0%	0	0	0.0%	5,707,849	1,801,078	216.9%	0	0	0.0%
SILVER	SIL	0	0	0.0%	27,758	10,730	1.59	0	0	0.0%	0	0	0.0%	354,422	100,519	252.6%	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 Comparison Report - Monthly

	Commodity Indicator	Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
Metals Options																			
COMEX COPPER	HX	0	0	0.0%	45,388	17,812	1.55	8,262	7,725	7.0%	0	0	0.0%	517,205	257,957	100.5%	187,601	93,823	100.0%
COMEX GOLD	OG	0	0	0.0%	635,173	830,990	-0.24	222,091	139,915	58.7%	0	0	0.0%	11,602,169	9,379,120	23.7%	3,441,780	2,372,135	45.1%
COMEX SILVER	SO	0	0	0.0%	145,993	98,597	0.48	13,884	16,140	-14.0%	0	0	0.0%	1,980,570	1,514,305	30.8%	227,667	332,882	-31.6%
COPPER	H1E	0	0	0.0%	120	16	6.5	0	0	0.0%	0	0	0.0%	764	78	879.5%	0	100	-100.0%
COPPER	H2E	0	0	0.0%	128	6	20.33	0	0	0.0%	0	0	0.0%	941	154	511.0%	125	0	0.0%
COPPER	H3E	0	0	0.0%	111	6	17.5	0	0	0.0%	0	0	0.0%	1,133	119	852.1%	0	0	0.0%
COPPER	H4E	0	0	0.0%	1	6	-0.83	0	0	0.0%	0	0	0.0%	211	177	19.2%	150	0	0.0%
COPPER	H5E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	603	12	4,925.0%	0	0	0.0%
GOLD	OG1	0	0	0.0%	38,782	14,609	1.65	1,850	200	825.0%	0	0	0.0%	459,939	135,239	240.1%	33,430	2,110	1,484.4%
GOLD	OG2	0	0	0.0%	43,841	15,876	1.76	1,850	350	428.6%	0	0	0.0%	429,322	125,254	242.8%	31,607	3,870	716.7%
GOLD	OG3	0	0	0.0%	44,303	16,237	1.73	1,975	2,525	-21.8%	0	0	0.0%	368,376	138,274	166.4%	20,854	6,525	219.6%
GOLD	OG4	0	0	0.0%	17,206	9,622	0.79	300	150	100.0%	0	0	0.0%	233,860	86,355	170.8%	9,375	1,900	393.4%
GOLD	OG5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	80,172	32,861	144.0%	3,275	0	0.0%
HOT ROLLED COIL STEEL CALL	HRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,050	300	250.0%
HOT ROLLED COIL STEEL PUT	HRO	0	-	-	0	-	0	0	-	-	0	-	-	0	-	-	150	-	-
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,830	200	3,315.0%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	3,630	1,280	183.6%
NYMEX PLATINUM	PO	0	0	0.0%	952	1,003	-0.05	3,200	1,550	106.5%	0	0	0.0%	15,971	21,021	-24.0%	25,441	24,351	4.5%
PALLADIUM	PAO	0	0	0.0%	464	545	-0.15	175	300	-41.7%	0	0	0.0%	6,998	15,555	-55.0%	7,319	13,978	-47.6%
SILVER	SO1	0	0	0.0%	5,200	239	20.76	0	0	0.0%	0	0	0.0%	25,639	5,789	342.9%	1,325	0	0.0%
SILVER	SO2	0	0	0.0%	6,107	590	9.35	0	0	0.0%	0	0	0.0%	25,564	5,708	347.9%	1,400	0	0.0%
SILVER	SO3	0	0	0.0%	1,642	1,718	-0.04	0	0	0.0%	0	0	0.0%	19,087	8,489	124.8%	615	0	0.0%
SILVER	SO4	0	0	0.0%	1,168	567	1.06	604	0	0.0%	0	0	0.0%	8,155	4,486	81.8%	704	0	0.0%
SILVER	SO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	5,419	2,746	97.3%	0	0	0.0%
TOTAL FUTURES GROUP																			
Ag Products Futures		0	0	0.0%	1	1	0.0%	0	0	0.0%	0	0	0.0%	59	85	-30.6%	0	0	0.0%
Energy Futures		0	0	0.0%	37,164,524	38,854,929	-4.4%	2,102,353	2,162,660	-2.8%	0	0	0.0%	507,195,550	532,773,400	-4.8%	29,895,919	32,470,890	-7.9%
Metals Futures		0	0	0.0%	9,606,439	7,318,359	31.3%	260,579	284,104	-8.3%	0	0	0.0%	144,658,227	141,929,049	1.9%	3,973,856	4,362,347	-8.9%
TOTAL FUTURES		0	0	0.0%	46,770,964	46,173,289	1.3%	2,362,932	2,446,764	-3.4%	0	0	0.0%	651,853,836	674,702,534	-3.4%	33,869,775	36,833,237	-8.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry DEC 2019	Open Outcry DEC 2018	% CHG	ELEC DEC 2019	ELEC DEC 2018	% CHG	CME ClearPort DEC 2019	CME ClearPort DEC 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG	CME ClearPort Y.T.D 2019	CME ClearPort Y.T.D 2018	% CHG
TOTAL OPTIONS GROUP																		
Energy Options	0	0	0.0%	3,118,381	4,027,322	-22.6%	1,660,994	1,757,986	-5.5%	0	0	0.0%	41,199,561	55,008,744	-25.1%	20,024,281	25,052,021	-20.1%
Metals Options	0	0	0.0%	986,579	1,008,439	-2.2%	254,221	168,855	50.6%	0	0	0.0%	15,782,098	11,733,699	34.5%	4,004,328	2,853,454	40.3%
TOTAL OPTIONS	0	0	0.0%	4,104,960	5,035,761	-18.5%	1,915,215	1,926,841	-0.6%	0	0	0.0%	56,981,659	66,742,443	-14.6%	24,028,609	27,905,475	-13.9%
TOTAL COMBINED																		
Ag Products	0	0	0.0%	1	1	0.0%	0	0	0.0%	0	0	0.0%	59	85	-30.6%	0	0	0.0%
Energy	0	0	0.0%	40,282,905	42,882,251	-6.1%	3,763,347	3,920,646	-4.0%	0	0	0.0%	548,395,111	587,782,144	-6.7%	49,920,200	57,522,911	-13.2%
Metals	0	0	0.0%	10,593,018	8,326,798	27.2%	514,800	452,959	13.7%	0	0	0.0%	160,440,325	153,662,748	4.4%	7,978,184	7,215,801	10.6%
GRAND TOTAL	0	0	0.0%	50,875,924	51,209,050	-0.7%	4,278,147	4,373,605	-2.2%	0	0	0.0%	708,835,495	741,444,977	-4.4%	57,898,384	64,738,712	-10.6%