

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Commodities and Alternative Investments																			
Futures																			
COCOA TAS	CJ	0	0	0.0%	12	278	-0.96	0	0	0.0%	0	0	0.0%	18	627	-97.1%	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	33	-1	0	0	0.0%	0	0	0.0%	0	45	-100.0%	0	0	0.0%
COTTON	TT	0	0	0.0%	0	255	-1	0	0	0.0%	0	0	0.0%	1	274	-99.6%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	3	48	-0.94	0	0	0.0%	0	0	0.0%	17	170	-90.0%	0	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	0	3,209	-100.0%	20,038,780	24,741,370	-0.19	488,948	846,007	-42.2%	0	8,262	-100.0%	41,879,592	45,744,069	-8.4%	1,074,521	1,531,130	-29.8%
CRUDE OIL	WS	0	0	0.0%	0	0	0	4,152	43,874	-90.5%	0	0	0.0%	0	0	0.0%	16,268	63,937	-74.6%
MINY WTI CRUDE OIL	QM	0	0	0.0%	194,569	384,052	-0.49	0	0	0.0%	0	0	0.0%	419,434	696,748	-39.8%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	1,840,894	2,155,505	-0.15	17,998	17,798	1.1%	0	0	0.0%	3,757,029	4,851,306	-22.6%	42,855	41,841	2.4%
HEATING OIL PHY	HO	0	181	-100.0%	3,111,660	2,932,545	0.06	221,029	206,982	6.8%	0	295	-100.0%	6,143,618	5,961,163	3.1%	511,604	452,175	13.1%
HTG OIL	BH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MINY HTG OIL	QH	0	0	0.0%	4	8	-0.5	0	0	0.0%	0	0	0.0%	8	16	-50.0%	0	0	0.0%
RBOB PHY	RB	0	55	-100.0%	4,183,469	3,623,527	0.15	250,182	151,341	65.3%	0	98	-100.0%	7,649,239	6,774,035	12.9%	532,913	290,931	83.2%
MINY RBOB GAS	QU	0	0	0.0%	4	4	0	0	0	0.0%	0	0	0.0%	13	7	85.7%	0	0	0.0%
NATURAL GAS	HP	0	0	0.0%	30,211	8,292	2.64	136,611	110,084	24.1%	0	0	0.0%	51,046	10,526	385.0%	252,379	208,077	21.3%
LTD NAT GAS	HH	0	0	0.0%	129,423	68,191	0.9	218,621	196,484	11.3%	0	0	0.0%	243,260	143,029	70.1%	398,227	354,157	12.4%
MINY NATURAL GAS	QG	0	0	0.0%	31,867	23,134	0.38	0	0	0.0%	0	0	0.0%	76,924	49,271	56.1%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	0	494	-100.0%	0	0	0.0%	0	0	0.0%	0	614	-100.0%
NATURAL GAS PHY	NG	0	113	-100.0%	8,318,839	6,783,648	0.23	316,305	216,363	46.2%	0	763	-100.0%	16,846,112	13,053,538	29.1%	647,605	416,559	55.5%
RBOB GAS	RT	0	0	0.0%	0	0	0	1,730	1,000	73.0%	0	0	0.0%	0	0	0.0%	3,540	2,350	50.6%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	0	387	-100.0%	0	0	0.0%	0	0	0.0%	734	677	8.4%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	90	60	50.0%	0	0	0.0%	0	0	0.0%	115	65	76.9%
AEP-DAYTON HUB DAILY	VD	0	0	0.0%	0	0	0	0	0	0.0%	0	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	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	VP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	N7	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	
ALGONQUIN CITYGATES BASIS	B4	0	0	0.0%	0	0	0	0	573	-100.0%	0	0	0.0%	0	0	0.0%	0	1,215	-100.0%
ANR LOUISIANA BASIS SWAP	ND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
ANR OKLAHOMA	NE	0	0	0.0%	0	0	0	0	1,284	-100.0%	0	0	0.0%	0	0	0.0%	0	2,928	-100.0%
APPALACHIAN COAL (PHY)	QL	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

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	10,026	11,944	-16.1%	0	0	0.0%	0	0	0.0%	19,000	24,533	-22.6%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	1,590	1,011	57.3%	0	0	0.0%	0	0	0.0%	2,875	2,115	35.9%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	1,099	978	12.4%	0	0	0.0%	0	0	0.0%	2,381	2,043	16.5%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	374	252	48.4%	0	0	0.0%	0	0	0.0%	683	570	19.8%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	473	-100.0%	0	0	0.0%	0	0	0.0%	25	493	-94.9%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	4,465	2,867	55.7%	0	0	0.0%	0	0	0.0%	7,845	3,141	149.8%
BRENT CFD SWAP	6W	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRENT FINANCIAL FUTURES	BB	0	0	0.0%	0	0	0	212	330	-35.8%	0	0	0.0%	0	0	0.0%	9,062	861	952.5%
BRENT FINANCIAL FUTURES	MBC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,394	-100.0%
BRENT FINANCIAL FUTURES	MDB	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	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	-	-	7,940	-	-
CAISO SP15 EZGNHUB5 PEAK	9Z	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	0	-	-
CANADIAN LIGHT SWEET OIL	CIL	0	0	0.0%	0	0	0	615	1,860	-66.9%	0	0	0.0%	0	0	0.0%	1,905	2,925	-34.9%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	534	0	0.0%	0	0	0.0%	0	0	0.0%	534	634	-15.8%
CENTERPOINT EAST INDEX	II	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CENTER POINT NAT GAS FIXED	DAC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CHICAGO ETHANOL SWAP	CU	0	0	0.0%	71	551	-0.87	85,170	74,157	14.9%	0	0	0.0%	668	1,441	-53.6%	225,604	168,946	33.5%
CHICAGO ULSD (PLATTS) SWA	4C	0	0	0.0%	0	0	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	311	525	-40.8%	0	0	0.0%	0	0	0.0%	576	800	-28.0%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,125	-100.0%
CIG BASIS	CI	0	0	0.0%	0	0	0	0	11,637	-100.0%	0	0	0.0%	0	0	0.0%	0	20,916	-100.0%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0	0	0	930	-100.0%	0	0	0.0%	0	0	0.0%	0	930	-100.0%
CINERGY HUB OFF-PEAK MON	EJ	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
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	67,040	64,440	4.0%	0	0	0.0%	0	0	0.0%	67,040	138,920	-51.7%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	4,597	5,950	-22.7%	0	0	0.0%	0	0	0.0%	5,665	11,000	-48.5%
CIN HUB 5MW REAL TIME O P	H4	0	0	0.0%	0	0	0	46,800	56,760	-17.5%	0	0	0.0%	0	0	0.0%	64,840	350,520	-81.5%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	630	14,025	-95.5%	0	0	0.0%	0	0	0.0%	11,155	29,415	-62.1%
COAL SWAP	ACM	0	0	0.0%	0	0	0	145	330	-56.1%	0	0	0.0%	0	0	0.0%	255	1,300	-80.4%
COAL SWAP	SSI	0	0	0.0%	0	0	0	0	6	-100.0%	0	0	0.0%	0	0	0.0%	0	77	-100.0%
COLUMB GULF MAINLINE NG B	5Z	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,966	-100.0%
COLUMBIA GULF MAIN NAT G	L2	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

Commodity Indicator		Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
Energy Futures																			
COLUMBIA GULF NAT GAS FIXE	DCE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
COLUMBIA GULF ONSHORE	GL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,108	-100.0%
CONWAY NATURAL GASOLINE	8L	0	0	0.0%	0	0	0	154	697	-77.9%	0	0	0.0%	0	0	0.0%	239	823	-71.0%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	695	0	0.0%	0	0	0.0%	0	0	0.0%	797	75	962.7%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	11	0	0	7,730	7,737	-0.1%	0	0	0.0%	11	0	0.0%	18,145	12,087	50.1%
CRUDE OIL	CHB	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
CRUDE OIL	LPS	0	0	0.0%	0	0	0	3,431	5,502	-37.6%	0	0	0.0%	0	0	0.0%	8,245	9,117	-9.6%
CRUDE OIL OUTRIGHTS	37	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
CRUDE OIL OUTRIGHTS	42	0	0	0.0%	0	0	0	380	23	1,552.2%	0	0	0.0%	0	0	0.0%	465	37	1,156.8%
CRUDE OIL OUTRIGHTS	CSW	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	270	-	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	500	0	0.0%
CRUDE OIL OUTRIGHTS	FE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
CRUDE OIL OUTRIGHTS	GSW	0	-	-	0	-	-	20	-	-	0	-	-	0	-	-	65	-	-
CRUDE OIL OUTRIGHTS	HTT	0	-	-	0	-	-	2,255	-	-	0	-	-	0	-	-	15,606	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	6,382	5,575	14.5%	0	0	0.0%	0	0	0.0%	17,022	15,445	10.2%
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 SPRDS	38	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	325	-100.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	2,180	293	644.0%	0	0	0.0%	0	0	0.0%	11,365	1,514	650.7%
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%
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	0.0%	0	0	0.0%
DATED TO FRONTLINE BRENT	FY	0	0	0.0%	0	0	0	300	3,040	-90.1%	0	0	0.0%	0	0	0.0%	3,810	3,040	25.3%

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

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
DEMARC INDEX FUTURE	DI	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
DEMARC SWING SWAP	DT	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
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	0.0%	
DIESEL10PPM BARG VS ICE LS	LSE	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
DLY GAS EURO-BOB OXY	GBR	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
DOMINION TRAN INC - APP I	IH	0	0	0.0%	0	0	0	558	-100.0%	0	0	0.0%	0	0	0.0%	0	1,218	-100.0%	
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	7,921	22,036	-64.1%	0	0	0.0%	0	0	0.0%	27,698	38,116	-27.3%	
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	0.0%	
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	3,215	740	334.5%	0	0	0.0%	0	0	0.0%	19,714	2,582	663.5%	
DY EURO 3.5% FUEL OI RDA	FOR	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,500	0	0.0%	
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	690	465	48.4%	0	0	0.0%	0	0	0.0%	2,265	2,100	7.9%	
EAST/WEST FUEL OIL SPREAD	EW	0	0	0.0%	0	0	55	31	77.4%	0	0	0.0%	0	0	0.0%	896	36	2,388.9%	
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	459	284	61.6%	0	0	0.0%	0	0	0.0%	1,945	3,880	-49.9%	
ELEC ERCOT DLY OFF PK	R4	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%	
ELEC ERCOT DLY PEAK	N1	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	R1	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	O1	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
ELEC FINSETTLED	47	0	0	0.0%	0	0	0	1,270	-100.0%	0	0	0.0%	0	0	0.0%	0	1,270	-100.0%	
ELEC FINSETTLED	49	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	4L	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%	
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%	
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%	
ELECTRICITY OFF PEAK	46	0	0	0.0%	0	0	0	23,480	-100.0%	0	0	0.0%	0	0	0.0%	0	23,480	-100.0%	
ELECTRICITY OFF PEAK	4P	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
ELECTRICITY OFF PEAK	50	0	0	0.0%	0	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	-	-	
ELEC WEST POWER PEAK	MDC	0	-	-	0	-	0	-	-	0	-	-	0	-	-	1,540	-	-	
EL PASO PERMIAN INDEX SWA	IL	0	0	0.0%	0	0	0	372	-100.0%	0	0	0.0%	0	0	0.0%	0	372	-100.0%	
EMMISSIONS	CPL	-	0	0.0%	-	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
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%	
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	4,280	-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%	430	235	83.0%	

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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	3,954	1,961	101.6%	0	0	0.0%	0	0	0.0%	8,388	3,771	122.4%
EU LOW SULPHUR GASOIL CRACK	LSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO 1% FUEL OIL NEW BALM	KX	0	0	0.0%	0	0	0	5	37	-86.5%	0	0	0.0%	0	0	0.0%	5	210	-97.6%
EURO 3.5% FUEL OIL RDAM B	KR	0	0	0.0%	0	0	0	510	335	52.2%	0	0	0.0%	0	0	0.0%	1,369	632	116.6%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	276	385	-28.3%	0	0	0.0%	0	0	0.0%	1,073	1,305	-17.8%
EURO-DENOMINATED PETRO P	IBE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO-DENOMINATED PETRO P	NCP	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	0	0.0%	900	70	1,185.7%
EURO GASOIL 10 CAL SWAP	GT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
EURO GASOIL 10PPM VS ICE	ET	0	0	0.0%	0	0	0	15	15	0.0%	0	0	0.0%	0	0	0.0%	183	85	115.3%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	106	92	15.2%	0	0	0.0%	0	0	0.0%	310	377	-17.8%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	0	91	-100.0%	0	0	0.0%	0	0	0.0%	0	101	-100.0%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	60	505	-88.1%	0	0	0.0%	0	0	0.0%	842	839	0.4%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	9,066	6,743	34.5%	0	0	0.0%	0	0	0.0%	21,458	14,097	52.2%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	2,740	406,646	-0.99	0	45,000	-100.0%	0	0	0.0%	5,225	757,057	-99.3%	0	69,600	-100.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	299	185	61.6%	0	0	0.0%	0	0	0.0%	725	299	142.5%
EUROPEAN NAPHTHA CRACK SF	EN	0	0	0.0%	0	0	0	6,528	2,621	149.1%	0	0	0.0%	0	0	0.0%	15,589	7,315	113.1%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	0	11,328	-100.0%	0	0	0.0%	0	0	0.0%	42	11,628	-99.6%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	0	18	-100.0%	0	0	0.0%	0	0	0.0%	0	18	-100.0%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	2,581	922	179.9%	0	0	0.0%	0	0	0.0%	5,344	1,730	208.9%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,185	858	38.1%	0	0	0.0%	0	0	0.0%	2,643	1,673	58.0%
FL GAS ZONE 3 NAT GAS IND	Q9	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	54	364	-85.2%	0	0	0.0%	0	0	0.0%	179	607	-70.5%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	3,176	3,751	-15.3%	0	0	0.0%	0	0	0.0%	6,627	7,513	-11.8%
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%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	1W	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	0	128	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	0	18	-100.0%	0	0	0.0%	0	0	0.0%	0	18	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	277	833	-66.7%	0	0	0.0%	0	0	0.0%	692	1,392	-50.3%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	7,388	7,431	-0.6%	0	0	0.0%	0	0	0.0%	15,413	17,631	-12.6%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	20,191	19,477	3.7%	0	0	0.0%	0	0	0.0%	41,354	36,724	12.6%
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CARGOES CIF NE	TW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF MED BALMO	X6	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF MED SWAP	Z4	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
GASOIL 0.1CIF MED VS ICE	Z5	0	0	0.0%	0	0	0	50	0	0.0%	0	0	0.0%	0	0	0.0%	50	80	-37.5%
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%	0	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	8W	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	20	-	-
GASOIL 0.1 CRG CIF NW VS	4V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
GASOIL 0.1 RDAM BRGS VS I	WQ	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	35	0	0.0%
GASOIL 10P CRG CIF NW VS	3V	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
GASOIL 10PPM CARGOES CIF	TY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
GASOIL 10PPM VS ICE SWAP	TP	0	0	0.0%	0	0	0	140	17	723.5%	0	0	0.0%	0	0	0.0%	335	24	1,295.8%
GASOIL BULLET SWAP	BG	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	-
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	6	14	-57.1%	0	0	0.0%	0	0	0.0%	18	20	-10.0%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	9,315	1,195	679.5%	0	0	0.0%	0	0	0.0%	18,303	1,948	839.6%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	170	377	-54.9%	0	0	0.0%	0	0	0.0%	306	585	-47.7%
GASOLINE UP-DOWN BALMO S	1K	0	0	0.0%	0	0	0	0	210	-100.0%	0	0	0.0%	0	0	0.0%	0	560	-100.0%
GC ULSD VS GC JET SPREAD	VV	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	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	0	0.0%
GRP THREE ULSD(PLT)VS HEA	A6	0	0	0.0%	0	0	0	1,741	3,344	-47.9%	0	0	0.0%	0	0	0.0%	4,520	5,705	-20.8%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	370	1,405	-73.7%	0	0	0.0%	0	0	0.0%	814	3,280	-75.2%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	2,635	320	723.4%	0	0	0.0%	0	0	0.0%	2,946	1,901	55.0%
GULF COAST GASOLINE CLND	GS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,300	-100.0%
GULF COAST JET FUEL CLNDR	GE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	110	123	-10.6%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	48,121	31,520	52.7%	0	0	0.0%	0	0	0.0%	91,270	59,942	52.3%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	61,067	66,135	-7.7%	0	0	0.0%	0	0	0.0%	130,894	129,758	0.9%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	1,002	1,610	-37.8%	0	0	0.0%	0	0	0.0%	4,642	2,750	68.8%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	0	0	411	241	70.5%	0	0	0.0%	0	0	0.0%	816	2,148	-62.0%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	1,725	-100.0%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	0	175	-100.0%
HEATING OIL CRCK SPRD BAL	1H	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	-
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%
HEATING OIL VS ICE GASOIL	HA	-	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%	310	0	0	7,285	16,722	-56.4%	0	0	0.0%	1,766	0	0.0%	11,569	56,229	-79.4%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	310	0	0	7,285	16,787	-56.6%	0	0	0.0%	1,766	0	0.0%	12,129	50,152	-75.8%
HENRY HUB SWAP	NN	0	0	0.0%	10,495	149,743	-0.93	127,483	411,816	-69.0%	0	736	-100.0%	27,784	355,616	-92.2%	256,293	801,734	-68.0%
HENRY HUB SWING FUTURE	SN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	290	-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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	2,692	-100.0%	0	0	0.0%	0	0	0.0%	0	11,682	-100.0%
HOUSTON SHIP CHANNEL INDE	IP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	DB	0	0	0.0%	0	0	0	4,991	0	0.0%	0	0	0.0%	0	0	0.0%	16,783	0	0.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	0	5,700	-100.0%	0	0	0.0%	0	0	0.0%	0	10,500	-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	FDM	-	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	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	PDM	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%
INDIANA MISO	PTM	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	5	45	-88.9%	0	0	0.0%	0	0	0.0%	5	45	-88.9%
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%	10	0	0.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	138	120	15.0%	0	0	0.0%	0	0	0.0%	885	1,659	-46.7%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,302	1,116	16.7%	0	0	0.0%	0	0	0.0%	2,484	2,568	-3.3%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	47	0	0.0%	0	0	0.0%	0	0	0.0%	97	92	5.4%
JET AV FUEL (P) CAR FM ICE G	1V	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
JET BARGES VS ICE GASOIL	JR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%
JET CIF NWE VS ICE	JC	0	0	0.0%	0	0	0	0	79	-100.0%	0	0	0.0%	0	0	0.0%	70	99	-29.3%
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	0.0%	0	2	-100.0%
JET FUEL CRG CIF NEW VS I	6X	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	10	30	-66.7%
JET FUEL UP-DOWN BALMO CL	1M	0	0	0.0%	0	0	0	3,330	3,830	-13.1%	0	0	0.0%	0	0	0.0%	8,708	7,540	15.5%
LA CARB DIESEL (OPIS)	LX	0	0	0.0%	0	0	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	125	180	-30.6%	0	0	0.0%	0	0	0.0%	400	317	26.2%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	150	675	-77.8%	0	0	0.0%	0	0	0.0%	400	2,725	-85.3%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	0	25	323	-92.3%	0	0	0.0%	0	0	0.0%	25	558	-95.5%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	2,215	2,025	9.4%	0	0	0.0%	0	0	0.0%	4,960	3,100	60.0%
LLS (ARGUS) CALENDAR SWAP	XA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LLS (ARGUS) VS WTI SWAP	WJ	0	0	0.0%	0	0	0	6,845	4,376	56.4%	0	0	0.0%	0	0	0.0%	13,280	12,241	8.5%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	4,810	8,450	-43.1%	0	0	0.0%	0	0	0.0%	9,656	17,198	-43.9%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	33,524	11,762	185.0%	0	0	0.0%	0	0	0.0%	55,060	20,732	165.6%

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

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	1,298	1,676	-22.6%	0	0	0.0%	0	0	0.0%	4,815	1,791	168.8%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	0	0	0	47,343	193,501	-75.5%	0	0	0.0%	0	0	0.0%	124,523	439,569	-71.7%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	4,038	23,673	-82.9%	0	0	0.0%	0	0	0.0%	14,708	58,969	-75.1%
MGF FUT	MGF	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	135	249	-45.8%	0	0	0.0%	0	0	0.0%	332	442	-24.9%
MICHCON NG INDEX SWAP	Y8	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	-
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	0	1,801	-100.0%	0	0	0.0%	0	0	0.0%	2,592	3,625	-28.5%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	59,040	53,160	11.1%	0	0	0.0%	0	0	0.0%	59,040	127,640	-53.7%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	3,195	3,210	-0.5%	0	0	0.0%	0	0	0.0%	3,195	7,240	-55.9%
MINI GAS EUROBOB OXY NWE	MEB	0	0	0.0%	0	0	0	206	798	-74.2%	0	0	0.0%	0	0	0.0%	673	893	-24.6%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	230	196	17.3%	0	0	0.0%	0	0	0.0%	946	696	35.9%
MINI RBOB V. EBOB(ARGUS) N	MXB	0	0	0.0%	0	0	0	1,784	1,096	62.8%	0	0	0.0%	0	0	0.0%	4,655	1,831	154.2%
MJB FUT	MJB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MJC FUT	MJC	0	0	0.0%	0	0	0	30	60	-50.0%	0	0	0.0%	0	0	0.0%	110	198	-44.4%
MNC FUT	MNC	0	0	0.0%	0	0	0	4,089	3,948	3.6%	0	0	0.0%	0	0	0.0%	7,876	7,889	-0.2%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	44,559	33,977	31.1%	0	0	0.0%	0	0	0.0%	92,224	55,382	66.5%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	660	150	340.0%	0	0	0.0%	0	0	0.0%	1,650	265	522.6%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	19	6	2.17	96,067	103,245	-7.0%	0	0	0.0%	35	27	29.6%	202,232	182,716	10.7%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	3,569	601	493.8%	0	0	0.0%	0	0	0.0%	6,936	771	799.6%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	3,878	15,397	-74.8%	0	0	0.0%	0	0	0.0%	11,931	22,198	-46.3%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	160	185	-13.5%	0	0	0.0%	0	0	0.0%	1,006	353	185.0%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	28,112	27,250	3.2%	0	0	0.0%	0	0	0.0%	56,837	47,354	20.0%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	823	1,204	-31.6%	0	0	0.0%	0	0	0.0%	2,047	1,723	18.8%
NAT GAS BASIS SWAP	SGW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NAT GAS BASIS SWAP	TZ6	0	0	0.0%	0	0	0	856	3,596	-76.2%	0	0	0.0%	0	0	0.0%	1,284	3,898	-67.1%
NATURAL GAS	HBI	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	-
NATURAL GAS	XSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS FIXED PRICE S	CFS	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	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	MFS	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	PFS	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	WFS	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	Z5P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NATURAL GAS FIXED PRICE S	ZTS	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

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
NATURAL GAS INDEX	TZI	0	-	-	0	-	0	-	-	0	-	-	0	-	-	56	-	-	
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	117,629	127,549	-7.8%	0	92	-100.0%	51	0	0.0%	239,007	220,228	8.5%
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%
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	149,360	15,200	882.6%	0	0	0.0%	0	0	0.0%	149,360	24,560	508.1%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	6,400	0	0.0%	0	0	0.0%	0	0	0.0%	6,500	510	1,174.5%
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 NEW HAMP 5MW D AH	U2	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D AH	U3	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 SE MASS 5MW D AH O	P5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH P	P4	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	250	1,610	-84.5%	0	0	0.0%	0	0	0.0%	1,165	5,650	-79.4%
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	744	5,366	-86.1%	0	0	0.0%	0	0	0.0%	744	12,696	-94.1%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	0	0	4,280	-100.0%	0	0	0.0%	0	0	0.0%	0	4,280	-100.0%
NGPL MIDCONTINENT SWING S	PX	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	0	-	-
NGPL TEX/OK	PD	0	0	0.0%	0	0	0	0	3,933	-100.0%	0	0	0.0%	0	0	0.0%	0	16,989	-100.0%
NGPL TEXOK INDEX	OI	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 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	675	950	-28.9%	0	0	0.0%	0	0	0.0%	1,910	2,275	-16.0%
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	87	-100.0%
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	658	-100.0%	0	0	0.0%	0	0	0.0%	0	658	-100.0%
NORTHERN ILLINOIS OFF-PEA	UO	0	0	0.0%	0	0	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	184	21,272	-99.1%	0	0	0.0%	0	0	0.0%	184	41,889	-99.6%
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	0	0.0%
NY1% VS GC SPREAD SWAP	VR	0	0	0.0%	0	0	0	2,500	1,100	127.3%	0	0	0.0%	0	0	0.0%	7,128	3,400	109.6%

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

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	145	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	300	250	20.0%	0	0	0.0%	0	0	0.0%	1,175	325	261.5%
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%	0	0	0.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	0	0	0	3,031	3,266	-7.2%	0	24	-100.0%	0	0	0.0%	4,758	6,262	-24.0%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	195	900	-78.3%	0	0	0.0%	0	0	0.0%	853	900	-5.2%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	2,336	6,565	-64.4%	0	0	0.0%	0	0	0.0%	5,686	12,813	-55.6%
NY HARBOR RESIDUAL FUEL C	ML	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NYH NO 2 CRACK SPREAD CAL	HK	0	0	0.0%	0	0	0	200	630	-68.3%	0	0	0.0%	0	0	0.0%	3,741	2,846	31.4%
NY H OIL PLATTS VS NYMEX	YH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NYISO A	KA	0	0	0.0%	0	0	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	0.0%	0	0	0.0%
NYISO CAPACITY	LHV	0	-	-	0	-	0	120	-	-	0	-	-	0	-	-	180	-	-
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	518	168	208.3%	0	0	0.0%	0	0	0.0%	726	207	250.7%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	180	120	50.0%	0	0	0.0%	0	0	0.0%	264	249	6.0%
NYISO G	KG	0	0	0.0%	0	0	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	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	25,080	-100.0%	0	0	0.0%	0	0	0.0%	9,360	25,080	-62.7%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	665	0	0.0%	0	0	0.0%	0	0	0.0%	6,705	0	0.0%
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	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	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH O P	D2	0	0	0.0%	0	0	0	109,600	97,350	12.6%	0	0	0.0%	0	0	0.0%	181,560	97,350	86.5%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	5,850	6,624	-11.7%	0	0	0.0%	0	0	0.0%	13,285	8,476	56.7%
NYISO ZONE J 5MW D AH O P	D4	0	0	0.0%	0	0	0	109,600	93,600	17.1%	0	0	0.0%	0	0	0.0%	109,600	93,600	17.1%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	0	5,100	5,530	-7.8%	0	0	0.0%	0	0	0.0%	5,300	6,180	-14.2%
NY JET FUEL (PLATTS) HEAT OI	1U	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%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	257	1,166	-78.0%	0	0	0.0%	0	0	0.0%	5,712	2,041	179.9%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	453	-100.0%
ONTARIO POWER SWAPS	OFD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	160	-100.0%
ONTARIO POWER SWAPS	OFM	0	0	0.0%	0	0	0	0	3,750	-100.0%	0	0	0.0%	0	0	0.0%	0	3,750	-100.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	45	25	80.0%	0	0	0.0%	0	0	0.0%	130	50	160.0%

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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	110	230	-52.2%	0	0	0.0%	0	0	0.0%	210	230	-8.7%
PANHANDLE BASIS SWAP FUT	PH	0	0	0.0%	0	0	0	0	9,703	-100.0%	0	0	0.0%	0	0	0.0%	48	16,709	-99.7%
PANHANDLE INDEX SWAP FUT	IV	0	0	0.0%	0	0	0	0	558	-100.0%	0	0	0.0%	0	0	0.0%	0	558	-100.0%
PANHANDLE PIPE SWAP	XH	-	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	3,002	-100.0%	0	0	0.0%	0	0	0.0%	0	9,379	-100.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	32	53	-39.6%	0	0	0.0%	0	0	0.0%	138	70	97.1%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	81	53	52.8%	0	0	0.0%	0	0	0.0%	310	120	158.3%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	613	737	-16.8%	0	0	0.0%	0	0	0.0%	867	737	17.6%
PETROCHEMICALS	91	0	0	0.0%	0	0	0	261	53	392.5%	0	0	0.0%	0	0	0.0%	551	121	355.4%
PETROCHEMICALS	HPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETROCHEMICALS	LPE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	MAC	0	0	0.0%	0	0	0	40	30	33.3%	0	0	0.0%	0	0	0.0%	40	30	33.3%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	0	10	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	30	50	-40.0%	0	0	0.0%	0	0	0.0%	85	150	-43.3%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	1,230	1,590	-22.6%	0	0	0.0%	0	0	0.0%	2,820	2,790	1.1%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	395	922	-57.2%	0	0	0.0%	0	0	0.0%	1,465	2,626	-44.2%
PETRO CRCKS & SPRDS ASIA	STI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	105	1,050	-90.0%
PETRO CRCKS & SPRDS ASIA	STR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	200	0	0.0%
PETRO CRCKS & SPRDS ASIA	STS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	CRB	0	0	0.0%	0	0	0	35	10	250.0%	0	0	0.0%	0	0	0.0%	610	60	916.7%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	3,100	1,169	165.2%	0	0	0.0%	0	0	0.0%	6,911	2,959	133.6%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	250	375	-33.3%	0	0	0.0%	0	0	0.0%	1,375	1,100	25.0%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	700	0	0.0%	0	0	0.0%	0	0	0.0%	1,650	0	0.0%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	0	625	-100.0%	0	0	0.0%	0	0	0.0%	0	775	-100.0%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	713	460	55.0%	0	0	0.0%	0	0	0.0%	2,781	925	200.6%
PETRO CRCKS & SPRDS NA	GCM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	18	-100.0%
PETRO CRCKS & SPRDS NA	GCU	0	0	0.0%	0	0	0	5,524	11,531	-52.1%	0	0	0.0%	0	0	0.0%	17,637	18,799	-6.2%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	285	0	0.0%	0	0	0.0%	0	0	0.0%	285	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	1,389	3,032	-54.2%	0	0	0.0%	0	0	0.0%	3,963	7,044	-43.7%
PETRO CRCKS & SPRDS NA	KSD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
PETRO CRCKS & SPRDS NA	MFR	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	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	220	-100.0%
PETRO CRCKS & SPRDS NA	NYF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	100	200.0%
PETRO CRCKS & SPRDS NA	NYH	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

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	10,864	8,164	33.1%	0	0	0.0%	0	0	0.0%	21,461	21,400	0.3%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	13,585	7,505	81.0%	0	0	0.0%	0	0	0.0%	29,556	12,340	139.5%
PETRO CRCKS & SPRDS NA	SF3	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	19	-68.4%
PETRO CRK&SPRD EURO	1NB	0	0	0.0%	0	0	0	1,234	2,420	-49.0%	0	0	0.0%	0	0	0.0%	3,255	5,997	-45.7%
PETRO CRK&SPRD EURO	1ND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	43	0	0	0.0%	0	0	0	143	88	62.5%	0	0	0.0%	0	0	0.0%	409	151	170.9%
PETRO CRK&SPRD EURO	BFR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	BOB	0	0	0.0%	0	0	0	2,292	2,500	-8.3%	0	0	0.0%	0	0	0.0%	5,282	5,385	-1.9%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	20	5	300.0%	0	0	0.0%	0	0	0.0%	20	44	-54.5%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	258	111	132.4%	0	0	0.0%	0	0	0.0%	672	234	187.2%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	2,992	670	346.6%	0	0	0.0%	0	0	0.0%	6,933	1,915	262.0%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
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	0	0.0%
PETRO CRK&SPRD EURO	GCB	0	0	0.0%	0	0	0	50	75	-33.3%	0	0	0.0%	0	0	0.0%	200	535	-62.6%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	30	0	0.0%
PETRO CRK&SPRD EURO	LSU	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	MGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	40	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	140	124	12.9%	0	0	0.0%	0	0	0.0%	264	297	-11.1%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	28	48	-41.7%	0	0	0.0%	0	0	0.0%	38	48	-20.8%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	855	396	115.9%	0	0	0.0%	0	0	0.0%	1,860	613	203.4%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	130	25	420.0%
PETRO CRK&SPRD EURO	SFC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D44	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D45	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D46	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
PETROLEUM PRODUCTS	D64	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	D65	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROLEUM PRODUCTS	EWB	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	EWG	0	0	0.0%	0	0	0	2,884	0	0.0%	0	0	0.0%	0	0	0.0%	7,504	0	0.0%
PETROLEUM PRODUCTS	MBS	0	0	0.0%	0	0	0	80	21	281.0%	0	0	0.0%	0	0	0.0%	80	471	-83.0%
PETROLEUM PRODUCTS	MHE	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	718	-100.0%	0	0	0.0%	0	0	0.0%	0	1,028	-100.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	489	470	4.0%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	0	105	-100.0%	0	0	0.0%	0	0	0.0%	15	127	-88.2%

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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	1,624	782	107.7%	0	0	0.0%	0	0	0.0%	3,241	1,941	67.0%
PETROLEUM PRODUCTS ASIA	MSB	0	-	-	0	-		20	-	-	0	-	-	0	-	-	25	-	-
PETRO OUTRIGHT EURO	0A	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	0B	0	0	0.0%	0	0	0	0	235	-100.0%	0	0	0.0%	0	0	0.0%	43	325	-86.8%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	10	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	2,485	4,873	-49.0%	0	0	0.0%	0	0	0.0%	5,830	8,842	-34.1%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	396	629	-37.0%	0	0	0.0%	0	0	0.0%	1,391	1,284	8.3%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	1,448	796	81.9%	0	0	0.0%	0	0	0.0%	2,413	1,770	36.3%
PETRO OUTRIGHT EURO	1T	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	33	0	0	0.0%	0	0	0	20	97	-79.4%	0	0	0.0%	0	0	0.0%	20	122	-83.6%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	55	135	-59.3%	0	0	0.0%	0	0	0.0%	219	265	-17.4%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	212	75	182.7%	0	0	0.0%	0	0	0.0%	352	187	88.2%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	2	0	0.0%	0	0	0.0%	0	0	0.0%	2	0	0.0%
PETRO OUTRIGHT EURO	7I	0	0	0.0%	0	0	0	25	88	-71.6%	0	0	0.0%	0	0	0.0%	342	380	-10.0%
PETRO OUTRIGHT EURO	7P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT EURO	7R	0	0	0.0%	0	0	0	59	304	-80.6%	0	0	0.0%	0	0	0.0%	383	595	-35.6%
PETRO OUTRIGHT EURO	88	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	CBB	0	-	-	0	-		37	-	-	0	-	-	0	-	-	42	-	-
PETRO OUTRIGHT EURO	CGB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%
PETRO OUTRIGHT EURO	CPB	0	0	0.0%	0	0	0	454	0	0.0%	0	0	0.0%	0	0	0.0%	1,047	70	1,395.7%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	150	60	150.0%	0	0	0.0%	0	0	0.0%	175	108	62.0%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	30	10	200.0%	0	0	0.0%	0	0	0.0%	125	75	66.7%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	60	225	-73.3%	0	0	0.0%	0	0	0.0%	60	326	-81.6%
PETRO OUTRIGHT EURO	ESB	0	-	-	0	-		6	-	-	0	-	-	0	-	-	6	-	-
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	531	67	692.5%	0	0	0.0%	0	0	0.0%	1,368	154	788.3%
PETRO OUTRIGHT EURO	FBD	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	MBB	0	0	0.0%	0	0	0	30	0	0.0%	0	0	0.0%	0	0	0.0%	90	34	164.7%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	668	1,175	-43.1%	0	0	0.0%	0	0	0.0%	1,188	1,964	-39.5%
PETRO OUTRIGHT EURO	SMU	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	TO	0	0	0.0%	0	0	0	110	0	0.0%	0	0	0.0%	0	0	0.0%	110	95	15.8%
PETRO OUTRIGHT EURO	ULB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	375	0	0.0%
PETRO OUTRIGHT EURO	VO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	75	0	0.0%
PETRO OUTRIGHT EURO	W0	0	-	-	0	-		0	-	-	0	-	-	0	-	-	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	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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
PETRO OUTRIGHT EURO	Y0	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FCB	0	0	0.0%	0	0	0	313	0	0.0%	0	0	0.0%	0	0	0.0%	313	96	226.0%
PETRO OUTRIGHT NA	FOB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	FOM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
PETRO OUTRIGHT NA	GBA	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
PETRO OUTRIGHT NA	GUD	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	-	-	-
PETRO OUTRIGHT NA	JE	0	0	0.0%	0	0	0	0	12	-100.0%	0	0	0.0%	0	0	0.0%	0	324	-100.0%
PETRO OUTRIGHT NA	JET	0	0	0.0%	0	0	0	4,070	2,215	83.7%	0	0	0.0%	0	0	0.0%	10,496	3,265	221.5%
PETRO OUTRIGHT NA	MBL	0	0	0.0%	0	0	0	40	0	0.0%	0	0	0.0%	0	0	0.0%	58	0	0.0%
PETRO OUTRIGHT NA	MEN	0	0	0.0%	0	0	0	379	794	-52.3%	0	0	0.0%	0	0	0.0%	1,341	1,706	-21.4%
PETRO OUTRIGHT NA	MEO	0	0	0.0%	0	0	0	12,385	11,043	12.2%	0	0	0.0%	0	0	0.0%	21,976	19,781	11.1%
PETRO OUTRIGHT NA	MFD	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	196	-100.0%
PETRO OUTRIGHT NA	MMF	0	0	0.0%	0	0	0	127	174	-27.0%	0	0	0.0%	0	0	0.0%	295	299	-1.3%
PETRO OUTRIGHT NA	NYT	0	0	0.0%	0	0	0	625	0	0.0%	0	0	0.0%	0	0	0.0%	625	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	0	0.0%
PJM AD HUB 5MW REAL TIME	V3	0	0	0.0%	0	0	0	16,860	163,720	-89.7%	0	0	0.0%	0	0	0.0%	259,885	267,040	-2.7%
PJM AD HUB 5MW REAL TIME	Z9	0	0	0.0%	0	0	0	1,890	8,199	-76.9%	0	0	0.0%	0	0	0.0%	14,880	18,534	-19.7%
PJM AECO DA OFF-PEAK	X1	0	0	0.0%	0	0	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	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	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	0.0%	0	0	0.0%
PJM ATSI ELEC	MOD	0	0	0.0%	0	0	0	46,800	0	0.0%	0	0	0.0%	0	0	0.0%	46,800	0	0.0%
PJM ATSI ELEC	MPD	0	0	0.0%	0	0	0	2,550	0	0.0%	0	0	0.0%	0	0	0.0%	2,550	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%	38,590	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%	2,125	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	63,660	3,750	1,597.6%	0	0	0.0%	0	0	0.0%	211,995	3,750	5,553.2%
PJM DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	3,520	230	1,430.4%	0	0	0.0%	0	0	0.0%	5,050	230	2,095.7%
PJM DUQUESNE 5MW D AH PK	D5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM DUQUS 5MW D AH O PK	D6	-	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	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	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

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	0	13,220	1,060	1,147.2%	0	0	0.0%	0	0	0.0%	30,015	5,105	488.0%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	101,600	70,710	43.7%	0	0	0.0%	0	0	0.0%	788,190	224,730	250.7%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	0	17,529	-100.0%	0	0	0.0%	0	0	0.0%	144,222	77,561	85.9%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	8,693	461	1,785.7%	0	0	0.0%	0	0	0.0%	16,368	2,327	603.4%
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	0	0.0%
PJM PEPCO DA OFF-PEAK	Q8	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM PPL DA OFF-PEAK	F5	0	0	0.0%	0	0	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	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	W6	0	0	0.0%	0	0	0	0	117,000	-100.0%	0	0	0.0%	0	0	0.0%	0	117,000	-100.0%
PJM PSEG DA PEAK	L6	0	0	0.0%	0	0	0	0	2,550	-100.0%	0	0	0.0%	0	0	0.0%	0	2,550	-100.0%
PJM WES HUB PEAK LMP 50 M	4S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	E4	0	0	0.0%	0	0	0	7,500	160,090	-95.3%	0	0	0.0%	0	0	0.0%	7,500	160,090	-95.3%
PJM WESTHDA PEAK	J4	0	0	0.0%	0	0	0	460	6,475	-92.9%	0	0	0.0%	0	0	0.0%	460	6,935	-93.4%
PJM WESTH RT OFF-PEAK	N9	0	0	0.0%	0	0	0	78,290	1,469,756	-94.7%	0	0	0.0%	0	0	0.0%	371,330	1,784,020	-79.2%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	19,712	121,146	-83.7%	0	0	0.0%	0	0	0.0%	41,677	167,647	-75.1%
PLASTICS	PGP	0	0	0.0%	0	0	0	570	330	72.7%	0	0	0.0%	0	0	0.0%	1,030	910	13.2%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	50	323	-84.5%	0	0	0.0%	0	0	0.0%	159	739	-78.5%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	10	59	-83.1%	0	0	0.0%	0	0	0.0%	16	93	-82.8%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	0	2	-100.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	21	29	-27.6%	0	0	0.0%	0	0	0.0%	21	32	-34.4%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	1,005	175	474.3%	0	0	0.0%	0	0	0.0%	2,809	949	196.0%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	8,009	5,758	39.1%	0	0	0.0%	0	0	0.0%	21,416	14,958	43.2%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	5,344	4,850	10.2%	0	0	0.0%	0	0	0.0%	16,604	10,848	53.1%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	430	3,996	-89.2%	0	0	0.0%	0	0	0.0%	1,284	6,490	-80.2%
RBOB CRACK SPREAD BALMO	1E	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLND	1D	0	0	0.0%	0	0	0	184	2,016	-90.9%	0	0	0.0%	0	0	0.0%	1,599	2,016	-20.7%
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 (PLATTS) CAL SWAP	RY	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 UP-DOWN CALENDAR S	RV	0	0	0.0%	0	0	0	0	1,765	-100.0%	0	0	0.0%	0	0	0.0%	0	9,203	-100.0%
RBOB VS HEATING OIL SWAP	RH	0	0	0.0%	0	0	0	4,735	1,725	174.5%	0	0	0.0%	0	0	0.0%	7,485	2,475	202.4%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	0	0	0	736	-100.0%	0	0	0.0%	0	0	0.0%	0	736	-100.0%
SAN JUAN BASIS SWAP	NJ	0	0	0.0%	0	0	0	0	4,516	-100.0%	0	0	0.0%	0	0	0.0%	0	8,616	-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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
SAN JUAN PIPE SWAP	XX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SINGAPORE 180CST BALMO	BS	0	0	0.0%	0	0	0	72	10	620.0%	0	0	0.0%	0	0	0.0%	72	123	-41.5%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	313	36	769.4%	0	0	0.0%	0	0	0.0%	382	76	402.6%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	11,287	3,165	256.6%	0	0	0.0%	0	0	0.0%	28,759	9,275	210.1%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	1,859	1,180	57.5%	0	0	0.0%	0	0	0.0%	3,287	2,371	38.6%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	1,003	230	336.1%	0	0	0.0%	0	0	0.0%	2,209	448	393.1%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	130	586	-77.8%	0	0	0.0%	0	0	0.0%	368	758	-51.5%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	6,395	2,598	146.2%	0	0	0.0%	0	0	0.0%	10,994	5,740	91.5%
SINGAPORE GASOIL	STL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	100	-100.0%
SINGAPORE GASOIL	STZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
SINGAPORE GASOIL CALEND	MSG	0	0	0.0%	0	0	0	250	47	431.9%	0	0	0.0%	0	0	0.0%	434	47	823.4%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	9,897	1,208	719.3%	0	0	0.0%	0	0	0.0%	20,784	3,553	485.0%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	12,296	1,305	842.2%	0	0	0.0%	0	0	0.0%	21,991	2,355	833.8%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	257	56	358.9%	0	0	0.0%	0	0	0.0%	257	56	358.9%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	1,500	500	200.0%	0	0	0.0%	0	0	0.0%	5,190	1,200	332.5%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	2,472	450	449.3%	0	0	0.0%	0	0	0.0%	3,704	875	323.3%
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	0	0.0%
SINGAPORE MOGAS 92 UNLEA	1P	0	0	0.0%	0	0	0	82	25	228.0%	0	0	0.0%	0	0	0.0%	107	25	328.0%
SINGAPORE MOGAS 92 UNLEA	1N	0	0	0.0%	0	0	0	4,892	5,695	-14.1%	0	0	0.0%	0	0	0.0%	21,394	13,324	60.6%
SINGAPORE NAPHTHA BALMO	KU	0	-	-	0	-	0	0	-	-	0	-	0	-	-	0	0	-	-
SINGAPORE NAPHTHA SWAP	SP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SING FUEL	MSD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	0	0.0%
SOCAL BASIS SWAP	NS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SOCAL PIPE SWAP	XN	0	0	0.0%	0	0	0	0	5,600	-100.0%	0	0	0.0%	0	0	0.0%	0	5,600	-100.0%
SONAT BASIS SWAP FUTURE	SZ	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SOUTHERN NAT LA NAT GAS	M8	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	522	-100.0%
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	970	1,242	-21.9%	0	0	0.0%	0	0	0.0%	1,458	1,717	-15.1%
SUMAS NAT GAS PLATTS FIXE	DVS	0	0	0.0%	0	0	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	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TC5 RAS TANURA TO YOKOHA	TH	0	0	0.0%	0	0	0	0	15	-100.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	730	736	-0.8%	0	0	0.0%	0	0	0.0%	881	9,306	-90.5%
TCO NG INDEX SWAP	Q1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TENN 800 LEG NAT GAS INDE	L4	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

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Futures																			
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	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	0.0%	0	428	-100.0%	
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	360	-100.0%	0	0	0.0%	0	0	0.0%	0	360	-100.0%	
Tetco ELA Basis	TE	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
TETCO M-3 INDEX	IX	0	0	0.0%	0	0	0	248	-100.0%	0	0	0.0%	0	0	0.0%	0	248	-100.0%	
Tetco STX Basis	TX	0	0	0.0%	0	0	0	881	-100.0%	0	0	0.0%	0	0	0.0%	0	881	-100.0%	
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	8,919	-100.0%	0	0	0.0%	0	0	0.0%	6,691	18,749	-64.3%	
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%	
TRANSCO ZONE 1 NG BASIS	8E	-	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	62	-100.0%	0	0	0.0%	0	0	0.0%	0	490	-100.0%	
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	856	3,357	-74.5%	0	0	0.0%	0	0	0.0%	4,846	6,072	-20.2%	
TRANSCO ZONE 4 NAT GAS IN	B2	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 BASIS SWAP	NZ	0	0	0.0%	0	0	428	214	100.0%	0	0	0.0%	0	0	0.0%	2,568	1,271	102.0%	
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	856	0	0.0%	0	0	0.0%	0	0	0.0%	856	604	41.7%	
TRANSCO ZONE 6 PIPE SWAP	XZ4	-	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	11	60	-81.7%	0	0	0.0%	0	0	0.0%	31	75	-58.7%	
ULSD 10PPM CIF MED BALMO	X7	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ULSD 10PPM CIF MED SWAP	Z6	0	0	0.0%	0	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	6	5	20.0%	0	0	0.0%	0	0	0.0%	6	27	-77.8%	
ULSD 10PPM CIF VS ICE GAS	7V	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	35	-100.0%	
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	2,950	2,300	28.3%	0	0	0.0%	0	0	0.0%	10,555	3,835	175.2%	
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	43,435	55,273	-21.4%	0	0	0.0%	0	0	0.0%	99,607	111,300	-10.5%	
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%	
VENTURA NAT GAS PLATTS FIX	DVA	-	0	0.0%	-	0	0	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
WAHA BASIS	NW	0	0	0.0%	0	0	0	6,615	-100.0%	0	0	0.0%	0	0	0.0%	731	9,803	-92.5%	
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0	0	620	-100.0%	0	0	0.0%	0	0	0.0%	0	620	-100.0%	
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	225	600	-62.5%	0	0	0.0%	0	0	0.0%	420	1,700	-75.3%	
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	204	0	0.0%	
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	8,241	18,276	-54.9%	0	0	0.0%	0	0	0.0%	23,580	29,985	-21.4%	
WTI CALENDAR	CS	0	60	-100.0%	0	0	39,636	30,747	28.9%	0	78	-100.0%	0	0	0.0%	80,093	60,801	31.7%	
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	1,530	2,180	-29.8%	0	0	0.0%	0	0	0.0%	6,684	3,795	76.1%	
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	270	380	-28.9%	0	0	0.0%	0	0	0.0%	1,820	1,505	20.9%	

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 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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Options																			
1 MO GASOIL CAL SWAP SPR	GXA	0	0	0.0%	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
APPALACHIAN COAL	6K	-	0	0.0%	-	0	0	-	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
BRENT CALENDAR SWAP	BA	0	0	0.0%	0	0	0	1,962	480	308.8%	0	0	0.0%	0	0	0.0%	1,962	510	284.7%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	70	6,849	-99.0%	0	0	0.0%	0	0	0.0%	918	7,649	-88.0%
BRENT OIL LAST DAY	BZO	0	0	0.0%	6,201	0	0	17,700	5,240	237.8%	0	0	0.0%	11,155	0	0.0%	27,285	11,490	137.5%
BRENT OIL LAST DAY	OS	0	16	-100.0%	0	0	0	0	0	0.0%	0	168	-100.0%	48	0	0.0%	0	4,079	-100.0%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	1,321	9,350	-85.9%	0	0	0.0%	0	0	0.0%	2,646	18,625	-85.8%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	50	21,059	-99.8%	0	0	0.0%	0	0	0.0%	70	44,309	-99.8%
COAL API2 INDEX	MTC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	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%	0	50	-100.0%
COAL API4 INDEX	RQA	0	0	0.0%	0	0	0	0	450	-100.0%	0	0	0.0%	0	0	0.0%	0	700	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	60	125	-52.0%	0	0	0.0%	0	0	0.0%	140	325	-56.9%
COAL SWAP	RPF	0	0	0.0%	0	0	0	0	6	-100.0%	0	0	0.0%	0	0	0.0%	40	6	566.7%
CRUDE OIL 1MO	WA	0	0	0.0%	7,800	4,835	0.61	113,000	159,500	-29.2%	0	0	0.0%	18,132	11,387	59.2%	305,750	368,300	-17.0%
CRUDE OIL APO	AO	0	3,352	-100.0%	10	0	0	41,084	28,051	46.5%	0	3,446	-100.0%	10	0	0.0%	75,237	37,008	103.3%
CRUDE OIL CALNDR STRIP	6F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	150	-100.0%
CRUDE OIL OUTRIGHTS	DBP	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	CD	0	0	0.0%	0	0	0	2,000	4,650	-57.0%	0	0	0.0%	0	0	0.0%	3,400	6,850	-50.4%
CRUDE OIL PHY	LC	0	1,100	-100.0%	0	0	0	36,240	62,248	-41.8%	0	3,106	-100.0%	0	0	0.0%	52,180	131,171	-60.2%
CRUDE OIL PHY	LO	0	27,894	-100.0%	2,175,499	3,027,903	-0.28	505,693	905,154	-44.1%	0	77,716	-100.0%	4,609,673	6,214,586	-25.8%	1,117,758	2,058,137	-45.7%
CRUDE OIL PHY	LO1	0	0	0.0%	10,090	7,380	0.37	0	0	0.0%	0	0	0.0%	15,908	10,399	53.0%	0	0	0.0%
CRUDE OIL PHY	LO2	0	0	0.0%	5,545	4,476	0.24	150	0	0.0%	0	0	0.0%	9,819	7,278	34.9%	150	0	0.0%
CRUDE OIL PHY	LO3	0	0	0.0%	4,259	2,763	0.54	100	0	0.0%	0	0	0.0%	9,060	5,314	70.5%	100	0	0.0%
CRUDE OIL PHY	LO4	0	0	0.0%	12,030	4,733	1.54	0	200	-100.0%	0	0	0.0%	18,444	9,536	93.4%	0	200	-100.0%
CRUDE OIL PHY	LO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	6,885	-100.0%	0	0	0.0%
DAILY CRUDE OIL	DNM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ELEC FINSETTLED	PML	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
ELEC MISO PEAK	9T	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	N9P	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHANOL	CE1	0	-	-	0	-	0	0	-	-	0	-	0	-	-	-	15	-	-
ETHANOL	CE3	0	-	-	0	-	0	300	-	-	0	-	0	-	-	-	300	-	-
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	4,240	3,604	17.6%	0	0	0.0%	0	0	0.0%	11,280	9,976	13.1%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	218	-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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Options																			
EURO-DENOMINATED PETRO P	EFB	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO-DENOMINATED PETRO P	NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE N	30	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
GASOIL CRACK SPREAD AVG P	3U	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GASOLINE	GCE	0	0	0.0%	0	0	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	-	-
HEATING OIL PHY	LB	0	4	-100.0%	0	0	0	900	30	2,900.0%	0	44	-100.0%	0	0	0.0%	900	40	2,150.0%
HEATING OIL PHY	OH	0	866	-100.0%	3,869	8,695	-0.56	22,710	38,718	-41.3%	0	2,041	-100.0%	8,393	15,147	-44.6%	41,099	98,514	-58.3%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	5,973	1,685	254.5%	0	0	0.0%	0	0	0.0%	9,907	2,907	240.8%
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%	0	4,000	-100.0%
HUSTN SHIP CHNL PIPE SWP	PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	WJO	0	0	0.0%	0	0	0	3,300	1,500	120.0%	0	0	0.0%	0	0	0.0%	3,300	1,500	120.0%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	0	4,560	-100.0%	0	0	0.0%	0	0	0.0%	0	4,560	-100.0%
MCCLOSKY RCH BAY COAL	MFO	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	G10	0	0	0.0%	0	0	0	0	500	-100.0%	0	0	0.0%	0	0	0.0%	0	500	-100.0%
NATURAL GAS 12 M CSO FIN	G7	-	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%	0	0	0	10,800	8,550	26.3%	0	200	-100.0%	0	0	0.0%	38,300	25,530	50.0%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	250	1,000	-75.0%	0	0	0.0%	0	0	0.0%	750	1,000	-25.0%
NATURAL GAS 3 M CSO FIN	G3	0	0	0.0%	0	0	0	4,275	4,231	1.0%	0	0	0.0%	0	0	0.0%	5,200	7,801	-33.3%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	2,050	0	0.0%	0	0	0.0%	0	0	0.0%	2,050	0	0.0%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	7,800	3,550	119.7%	0	0	0.0%	0	0	0.0%	13,750	3,750	266.7%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	120	2,098	-94.3%	0	0	0.0%	0	0	0.0%	520	9,238	-94.4%
NATURAL GAS PHY	KD	0	0	0.0%	10	0	0	29,910	33,950	-11.9%	0	0	0.0%	30	0	0.0%	52,200	63,201	-17.4%
NATURAL GAS PHY	LN	0	419	-100.0%	858,005	225,126	2.81	1,427,133	1,930,884	-26.1%	0	5,033	-100.0%	1,593,953	357,639	345.7%	3,325,736	3,718,298	-10.6%
NATURAL GAS PHY	ON	0	1,482	-100.0%	202,190	261,056	-0.23	4,828	12,285	-60.7%	0	3,468	-100.0%	458,559	555,945	-17.5%	20,289	22,010	-7.8%
NATURAL GAS PHY	ON1	0	-	-	0	-	0	-	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS PHY	ON5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NG HH 3 MONTH CAL	IC	0	0	0.0%	0	0	0	0	0	0.0%	0	250	-100.0%	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	ZR	0	0	0.0%	0	0	0	606	0	0.0%	0	0	0.0%	0	0	0.0%	606	0	0.0%
NY HARBOR HEAT OIL SWP	AT	0	174	-100.0%	113	0	0	2,171	5,081	-57.3%	0	509	-100.0%	149	0	0.0%	6,400	17,227	-62.8%
NYISO ZONE G 5MW PEAK OPT	9U	0	0	0.0%	0	0	0	8,600	0	0.0%	0	0	0.0%	0	0	0.0%	19,830	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	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL OP	F8	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	1,160	1,040	11.5%	0	0	0.0%	0	0	0.0%	1,435	2,810	-48.9%

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 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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Options																			
PETROCHEMICALS	4I	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	4J	0	0	0.0%	0	0	0	50	1,800	-97.2%	0	0	0.0%	0	0	0.0%	1,875	1,800	4.2%
PETROCHEMICALS	4K	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	CPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	495	-100.0%
PETRO OUTRIGHT EURO	8H	0	0	0.0%	0	0	0	300	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%
PGE CITYGATE PIPE SWAP	CW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM CALENDAR STRIP	6O	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM ELECTRIC	6OO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
PJM MONTHLY	JO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	6OA	0	0	0.0%	0	0	0	600	140	328.6%	0	0	0.0%	0	0	0.0%	1,840	140	1,214.3%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0	0	0	8,200	-100.0%	0	0	0.0%	0	0	0.0%	0	8,200	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	-	-	0	-	5,135	-	-	0	-	-	0	-	-	6,457	-	-	
RBOB 1MO CAL SPD OPTIONS	ZA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	300	1,125	-73.3%	0	48	-100.0%	0	0	0.0%	1,460	1,125	29.8%
RBOB PHY	OB	0	1,289	-100.0%	4,389	7,960	-0.45	12,901	40,916	-68.5%	0	2,838	-100.0%	9,014	14,376	-37.3%	24,432	72,693	-66.4%
RBOB PHY	RF	0	0	0.0%	0	0	0	20	0	0.0%	0	0	0.0%	0	0	0.0%	60	20	200.0%
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	40	-100.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	360	0	0.0%	0	0	0.0%	0	0	0.0%	360	0	0.0%
SHORT TERM	U11	0	0	0.0%	0	0	0	0	435	-100.0%	0	0	0.0%	0	0	0.0%	770	925	-16.8%
SHORT TERM	U12	0	0	0.0%	0	0	0	0	655	-100.0%	0	0	0.0%	0	0	0.0%	595	1,430	-58.4%
SHORT TERM	U13	0	0	0.0%	0	0	0	625	0	0.0%	0	0	0.0%	0	0	0.0%	825	1,500	-45.0%
SHORT TERM	U14	0	0	0.0%	0	0	0	700	0	0.0%	0	0	0.0%	0	0	0.0%	700	1,075	-34.9%
SHORT TERM	U15	0	0	0.0%	0	0	0	1,040	0	0.0%	0	0	0.0%	0	0	0.0%	1,040	850	22.4%
SHORT TERM	U22	0	0	0.0%	0	0	0	250	550	-54.5%	0	0	0.0%	0	0	0.0%	250	800	-68.8%
SHORT TERM	U23	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	370	150	146.7%
SHORT TERM	U24	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	300	0	0.0%
SHORT TERM	U25	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	205	-51.2%
SHORT TERM	U26	0	0	0.0%	0	0	0	0	1,080	-100.0%	0	0	0.0%	0	0	0.0%	0	1,080	-100.0%
SHORT TERM CRUDE OIL	C02	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SHORT TERM NATURAL GAS	U01	0	0	0.0%	0	0	0	425	825	-48.5%	0	0	0.0%	0	0	0.0%	725	1,525	-52.5%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	590	1,000	-41.0%	0	0	0.0%	0	0	0.0%	590	1,000	-41.0%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	750	100	650.0%	0	0	0.0%	0	0	0.0%	750	100	650.0%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	800	-100.0%	0	0	0.0%	0	0	0.0%	75	800	-90.6%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	550	-100.0%	0	0	0.0%	0	0	0.0%	50	800	-93.8%

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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Energy Options																			
SHORT TERM NATURAL GAS U06	0	0	0.0%	0	0	0	2,375	0	0.0%	0	0	0.0%	0	0	0.0%	2,725	730	273.3%	
SHORT TERM NATURAL GAS U07	0	0	0.0%	0	0	0	750	0	0.0%	0	0	0.0%	0	0	0.0%	750	2,000	-62.5%	
SHORT TERM NATURAL GAS U08	0	0	0.0%	0	0	0	1,850	450	311.1%	0	0	0.0%	0	0	0.0%	1,850	750	146.7%	
SHORT TERM NATURAL GAS U09	0	0	0.0%	0	0	0	940	1,047	-10.2%	0	0	0.0%	0	0	0.0%	1,165	1,047	11.3%	
SHORT TERM NATURAL GAS U10	0	0	0.0%	0	0	0	650	300	116.7%	0	0	0.0%	0	0	0.0%	2,250	300	650.0%	
SHORT TERM NATURAL GAS U16	0	0	0.0%	0	0	0	300	560	-46.4%	0	0	0.0%	0	0	0.0%	300	560	-46.4%	
SHORT TERM NATURAL GAS U17	0	0	0.0%	0	0	0	100	280	-64.3%	0	0	0.0%	0	0	0.0%	1,005	280	258.9%	
SHORT TERM NATURAL GAS U18	0	0	0.0%	0	0	0	0	275	-100.0%	0	0	0.0%	0	0	0.0%	0	275	-100.0%	
SHORT TERM NATURAL GAS U19	0	0	0.0%	0	0	0	0	380	-100.0%	0	0	0.0%	0	0	0.0%	805	780	3.2%	
SHORT TERM NATURAL GAS U20	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,375	530	159.4%	
SHORT TERM NATURAL GAS U21	0	0	0.0%	0	0	0	15	0	0.0%	0	0	0.0%	0	0	0.0%	15	325	-95.4%	
SHORT TERM NATURAL GAS U27	0	0	0.0%	0	0	0	975	0	0.0%	0	0	0.0%	0	0	0.0%	1,725	0	0.0%	
SHORT TERM NATURAL GAS U28	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	200	725	-72.4%	
SHORT TERM NATURAL GAS U29	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,325	-100.0%	
SHORT TERM NATURAL GAS U30	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	410	0	0.0%	
SHORT TERM NATURAL GAS U31	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	430	0	0.0%	
SINGAPORE FUEL OIL 180 CS C5	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	
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	10,000	-100.0%	0	0	0.0%	0	0	0.0%	0	10,000	-100.0%	
WTI 12 MONTH CALENDAR OPT WZ	-	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%	670	0	0	31,250	34,000	-8.1%	0	0	0.0%	2,540	0	0.0%	117,720	80,815	45.7%	
WTI CRUDE OIL 1 M CSO FI 7A	0	0	0.0%	0	0	0	48,100	148,450	-67.6%	0	0	0.0%	0	417	-100.0%	100,400	376,005	-73.3%	

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
Metals Futures																			
COMEX GOLD	GC	0	11,065	-100.0%	4,214,319	4,133,280	0.02	178,036	117,317	51.8%	0	21,733	-100.0%	10,007,554	8,003,257	25.0%	363,567	245,385	48.2%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	287	737	-0.61	2,583	6,488	-60.2%	0	0	0.0%	430	1,040	-58.7%	7,941	9,243	-14.1%
NYMEX PLATINUM	PL	0	16	-100.0%	280,338	250,775	0.12	6,555	6,727	-2.6%	0	16	-100.0%	614,740	518,273	18.6%	17,772	13,633	30.4%
PALLADIUM	PA	0	60	-100.0%	135,081	144,725	-0.07	6,567	4,017	63.5%	0	60	-100.0%	241,769	229,709	5.3%	11,838	6,710	76.4%
URANIUM	UX	0	0	0.0%	0	0	0	1,180	400	195.0%	0	0	0.0%	10	0	0.0%	1,540	800	92.5%
COMEX SILVER	SI	0	1,945	-100.0%	1,767,956	1,631,434	0.08	41,354	33,688	22.8%	0	2,760	-100.0%	3,147,014	2,564,275	22.7%	76,344	43,471	75.6%
COMEX E-Mini GOLD	QO	0	0	0.0%	7,854	9,008	-0.13	0	0	0.0%	0	0	0.0%	20,026	16,116	24.3%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	936	805	0.16	0	0	0.0%	0	0	0.0%	1,826	1,344	35.9%	0	0	0.0%
COMEX COPPER	HG	0	47	-100.0%	2,312,645	1,727,895	0.34	35,230	6,366	453.4%	0	47	-100.0%	3,971,005	3,033,536	30.9%	74,129	7,907	837.5%
COMEX MINY COPPER	QC	0	0	0.0%	1,191	588	1.03	0	0	0.0%	0	0	0.0%	1,794	1,021	75.7%	0	0	0.0%
Aluminium MW Trans Prem Platts	AUP	0	0	0.0%	134	975	-0.86	7,531	3,461	117.6%	0	0	0.0%	648	1,269	-48.9%	23,846	10,443	128.3%
ALUMINUM	A38	0	-	-	0	-	30	-	-	0	-	-	0	-	-	30	-	-	
ALUMINUM	AEP	0	0	0.0%	0	48	-1	5,720	619	824.1%	0	0	0.0%	0	264	-100.0%	12,490	1,087	1,049.0%
ALUMINUM	ALA	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
ALUMINUM	ALI	0	0	0.0%	1,206	713	0.69	166	0	0.0%	0	0	0.0%	2,666	932	186.1%	440	0	0.0%
ALUMINUM	EDP	0	-	-	0	-	0	-	-	0	-	-	2	-	-	0	-	-	
ALUMINUM	MJP	0	0	0.0%	10	240	-0.96	480	30	1,500.0%	0	0	0.0%	10	551	-98.2%	3,034	1,252	142.3%
COPPER	HGS	0	0	0.0%	0	0	0	415	70	492.9%	0	0	0.0%	0	0	0.0%	475	497	-4.4%
E-MICRO GOLD	MGC	0	0	0.0%	84,400	101,465	-0.17	0	0	0.0%	0	0	0.0%	161,148	155,618	3.6%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	20	0	0	150	0	0.0%	0	0	0.0%	20	0	0.0%	150	0	0.0%
FERROUS PRODUCTS	SSF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	GPS	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
Gold Kilo	GCK	0	0	0.0%	292	8,644	-0.97	0	0	0.0%	0	0	0.0%	1,078	15,050	-92.8%	0	0	0.0%
IRON ORE 58 CHINA TSI FUTUR	TIC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA PLATTS FL	PIO	0	0	0.0%	0	0	0	952	410	132.2%	0	0	0.0%	0	0	0.0%	992	410	142.0%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	273	320	-0.15	8,652	15,416	-43.9%	0	0	0.0%	661	710	-6.9%	18,901	44,473	-57.5%
LNDN ZINC	ZNC	0	0	0.0%	15	35	-0.57	0	0	0.0%	0	0	0.0%	20	79	-74.7%	0	0	0.0%
METALS	LED	0	-	-	0	-	0	-	-	0	-	-	0	-	-	0	-	-	
SILVER	SIL	0	0	0.0%	4,777	7,958	-0.4	0	0	0.0%	0	0	0.0%	10,579	13,935	-24.1%	0	0	0.0%

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG	
	Metals Options																		
COMEX COPPER	HX	0	712	-100.0%	3,128	1,395	1.24	534	50	968.0%	0	862	-100.0%	5,376	2,676	100.9%	2,439	296	724.0%
COMEX GOLD	OG	0	121,023	-100.0%	536,306	868,443	-0.38	189,784	203,952	-6.9%	0	201,180	-100.0%	1,084,082	1,372,462	-21.0%	339,771	341,551	-0.5%
COMEX SILVER	SO	0	7,277	-100.0%	68,751	112,950	-0.39	12,032	9,875	21.8%	0	12,615	-100.0%	152,859	178,668	-14.4%	22,366	11,910	87.8%
COPPER	H4E	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	OG1	0	26	-100.0%	3,100	1,190	1.61	0	0	0.0%	0	26	-100.0%	4,656	1,753	165.6%	0	100	-100.0%
GOLD	OG2	0	150	-100.0%	1,860	1,145	0.62	0	750	-100.0%	0	150	-100.0%	3,732	1,522	145.2%	200	950	-78.9%
GOLD	OG3	0	0	0.0%	3,129	649	3.82	460	100	360.0%	0	0	0.0%	4,568	1,285	255.5%	760	100	660.0%
GOLD	OG4	0	0	0.0%	1,305	751	0.74	0	0	0.0%	0	0	0.0%	1,506	1,222	23.2%	0	0	0.0%
GOLD	OG5	0	0	0.0%	0	0	0	0	0	0.0%	0	200	-100.0%	0	456	-100.0%	0	100	-100.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	2,210	3,160	-30.1%	0	0	0.0%	0	0	0.0%	3,082	7,040	-56.2%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	3,420	450	660.0%	0	0	0.0%	0	0	0.0%	5,385	4,920	9.5%
NYMEX PLATINUM	PO	0	795	-100.0%	546	761	-0.28	1,572	3,225	-51.3%	0	900	-100.0%	1,265	1,099	15.1%	5,281	8,800	-40.0%
PALLADIUM	PAO	0	219	-100.0%	377	46	7.2	1,735	4,050	-57.2%	0	250	-100.0%	1,440	190	657.9%	5,360	5,925	-9.5%
SILVER	SO1	0	0	0.0%	73	12	5.08	0	0	0.0%	0	0	0.0%	84	12	600.0%	0	0	0.0%
SILVER	SO2	0	0	0.0%	31	0	0	0	0	0.0%	0	0	0.0%	42	0	0.0%	0	0	0.0%
SILVER	SO3	0	0	0.0%	151	0	0	0	0	0.0%	0	0	0.0%	172	0	0.0%	0	0	0.0%
SILVER	SO4	0	0	0.0%	29	8	2.63	0	0	0.0%	0	0	0.0%	31	8	287.5%	0	0	0.0%
SILVER	SO5	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	5	-100.0%	0	0	0.0%
TOTAL FUTURES GROUP																			
Commodities and Alternative Investments Future		0	0	0.0%	15	614	-97.6%	0	0	0.0%	0	0	0.0%	36	1,116	-96.8%	0	0	0.0%
Energy Futures		0	3,618	-100.0%	37,893,676	41,277,222	-8.2%	3,726,262	6,111,974	-39.0%	0	10,348	-100.0%	77,103,581	78,397,849	-1.7%	8,736,352	10,573,418	-17.4%
Metals Futures		0	13,133	-100.0%	8,811,734	8,019,645	9.9%	295,601	195,009	51.6%	0	24,616	-100.0%	18,183,000	14,556,979	24.9%	613,489	385,311	59.2%
TOTAL FUTURES		0	16,751	-100.0%	46,705,425	49,297,481	-5.3%	4,021,863	6,306,983	-36.2%	0	34,964	-100.0%	95,286,617	92,955,944	2.5%	9,349,841	10,958,729	-14.7%
TOTAL OPTIONS GROUP																			
Energy Options		0	36,596	-100.0%	3,290,680	3,554,927	-7.4%	2,368,107	3,510,786	-32.5%	0	98,867	-100.0%	6,764,887	7,208,909	-6.2%	5,418,602	7,255,929	-25.3%
Metals Options		0	130,202	-100.0%	618,786	987,350	-37.3%	211,747	225,612	-6.1%	0	216,183	-100.0%	1,259,813	1,561,358	-19.3%	384,644	381,692	0.8%
TOTAL OPTIONS		0	166,798	-100.0%	3,909,466	4,542,277	-13.9%	2,579,854	3,736,398	-31.0%	0	315,050	-100.0%	8,024,700	8,770,267	-8.5%	5,803,246	7,637,621	-24.0%

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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	CME ClearPort FEB 2017	CME ClearPort FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG	CME ClearPort Y.T.D 2017	CME ClearPort Y.T.D 2016	% CHG
TOTAL COMBINED																		
Commodities and Alternative Investments	0	0	0.0%	15	614	-97.6%	0	0	0.0%	0	0	0.0%	36	1,116	-96.8%	0	0	0.0%
Energy	0	40,214	-100.0%	41,184,356	44,832,149	-8.1%	6,094,369	9,622,760	-36.7%	0	109,215	-100.0%	83,868,468	85,606,758	-2.0%	14,154,954	17,829,347	-20.6%
Metals	0	143,335	-100.0%	9,430,520	9,006,995	4.7%	507,348	420,621	20.6%	0	240,799	-100.0%	19,442,813	16,118,337	20.6%	998,133	767,003	30.1%
GRAND TOTAL	0	183,549	-100.0%	50,614,891	53,839,758	-6.0%	6,601,717	10,043,381	-34.3%	0	350,014	-100.0%	103,311,317	101,726,211	1.6%	15,153,087	18,596,350	-18.5%