

NYMEX/COMEX Exchange Volume Comparison Report - Monthly

	Commodity Indicator	Open Outcry MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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%	32	61	-0.48	0	0	0.0%	0	0	0.0%	50	688	-92.7%	0	0	0.0%
COFFEE	KT	0	0	0.0%	0	21	-1	0	0	0.0%	0	0	0.0%	0	66	-100.0%	0	0	0.0%
COTTON	TT	0	0	0.0%	2	6	-0.67	0	0	0.0%	0	0	0.0%	3	280	-98.9%	0	0	0.0%
SUGAR 11	YO	0	0	0.0%	1	12	-0.92	0	0	0.0%	0	0	0.0%	18	182	-90.1%	0	0	0.0%
Energy Futures																			
CRUDE OIL PHY	CL	0	2,802	-100.0%	25,792,347	22,205,472	0.16	624,844	732,232	-14.7%	0	11,064	-100.0%	67,671,939	67,949,541	-0.4%	1,699,365	2,263,362	-24.9%
CRUDE OIL	WS	0	0	0.0%	200	0	0	11,455	2,483	361.3%	0	0	0.0%	200	0	0.0%	27,723	66,420	-58.3%
MINY WTI CRUDE OIL	QM	0	0	0.0%	305,868	267,886	0.14	0	0	0.0%	0	0	0.0%	725,302	964,634	-24.8%	0	0	0.0%
BRENT OIL LAST DAY	BZ	0	0	0.0%	2,133,449	1,930,390	0.11	21,467	20,367	5.4%	0	0	0.0%	5,890,478	6,781,696	-13.1%	64,322	62,208	3.4%
HEATING OIL PHY	HO	0	130	-100.0%	3,232,179	2,605,559	0.24	265,240	203,119	30.6%	0	425	-100.0%	9,375,797	8,566,722	9.4%	776,844	655,294	18.5%
HTG OIL	BH	0	0	0.0%	0	0	0	0	821	-100.0%	0	0	0.0%	0	0	0.0%	0	821	-100.0%
MINY HTG OIL	QH	0	0	0.0%	2	9	-0.78	0	0	0.0%	0	0	0.0%	10	25	-60.0%	0	0	0.0%
RBOB PHY	RB	0	116	-100.0%	4,080,318	3,473,657	0.17	300,021	169,887	76.6%	0	214	-100.0%	11,729,557	10,247,692	14.5%	832,934	460,818	80.8%
MINY RBOB GAS	QU	0	0	0.0%	4	6	-0.33	0	0	0.0%	0	0	0.0%	17	13	30.8%	0	0	0.0%
NATURAL GAS	HP	0	800	-100.0%	34,454	14,338	1.4	135,231	101,074	33.8%	0	800	-100.0%	85,500	24,864	243.9%	387,610	309,151	25.4%
LTD NAT GAS	HH	0	0	0.0%	99,047	81,798	0.21	186,515	207,696	-10.2%	0	0	0.0%	342,307	224,827	52.3%	584,742	561,853	4.1%
MINY NATURAL GAS	QG	0	0	0.0%	27,625	28,848	-0.04	0	0	0.0%	0	0	0.0%	104,549	78,119	33.8%	0	0	0.0%
PJM MONTHLY	JM	0	0	0.0%	0	0	0	120	40	200.0%	0	0	0.0%	0	0	0.0%	120	654	-81.7%
NATURAL GAS PHY	NG	0	204	-100.0%	8,811,167	7,432,270	0.19	327,064	216,398	51.1%	0	967	-100.0%	25,657,279	20,485,808	25.2%	974,669	632,957	54.0%
RBOB GAS	RT	0	0	0.0%	0	0	0	1,520	1,695	-10.3%	0	0	0.0%	0	0	0.0%	5,060	4,045	25.1%
3.5% FUEL OIL CID MED SWA	7D	0	0	0.0%	0	0	0	113	220	-48.6%	0	0	0.0%	0	0	0.0%	847	897	-5.6%
3.5% FUEL OIL CIF BALMO S	8D	0	0	0.0%	0	0	0	5	50	-90.0%	0	0	0.0%	0	0	0.0%	120	115	4.3%
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	1,166	-100.0%	0	0	0.0%	0	0	0.0%	0	2,381	-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	0	0.0%	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	70	-100.0%	0	0	0.0%	0	0	0.0%	0	70	-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 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 MAR 2017	Outcry MAR 2016	% CHG	MAR 2017	MAR 2016	CHG	ClearPort MAR 2017	ClearPort MAR 2016	CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	CHG	Y.T.D 2017	Y.T.D 2016	CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
<b>Energy Futures</b>																			
ARGUS LLS VS. WTI (ARG) T	E5	0	0	0.0%	0	0	0	3,145	17,261	-81.8%	0	0	0.0%	0	0	0.0%	22,145	41,794	-47.0%
ARGUS PROPAN FAR EST INDE	7E	0	0	0.0%	0	0	0	1,487	1,004	48.1%	0	0	0.0%	0	0	0.0%	4,362	3,119	39.9%
ARGUS PROPAN(SAUDI ARAMC	9N	0	0	0.0%	0	0	0	981	752	30.5%	0	0	0.0%	0	0	0.0%	3,362	2,795	20.3%
AUSTRIALIAN COKE COAL	ALW	0	0	0.0%	0	0	0	136	390	-65.1%	0	0	0.0%	0	0	0.0%	819	960	-14.7%
BRENT BALMO SWAP	J9	0	0	0.0%	0	0	0	0	237	-100.0%	0	0	0.0%	0	0	0.0%	25	730	-96.6%
BRENT CALENDAR SWAP	CY	0	0	0.0%	0	0	0	2,704	4,470	-39.5%	0	0	0.0%	0	0	0.0%	10,549	7,611	38.6%
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	2,220	335	562.7%	0	0	0.0%	0	0	0.0%	11,282	1,196	843.3%
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	60	-100.0%	0	0	0.0%	0	0	0.0%	0	60	-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	-	-	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	360	285	26.3%	0	0	0.0%	0	0	0.0%	2,265	3,210	-29.4%
CENTERPOINT BASIS SWAP	PW	0	0	0.0%	0	0	0	0	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%	249	1,423	-0.83	163,316	97,486	67.5%	0	0	0.0%	917	2,864	-68.0%	388,920	266,432	46.0%
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	105	250	-58.0%	0	0	0.0%	0	0	0.0%	681	1,050	-35.1%
CHICAGO UNL GAS PL VS RBO	3C	0	0	0.0%	0	0	0	0	300	-100.0%	0	0	0.0%	0	0	0.0%	0	1,425	-100.0%
CIG BASIS	CI	0	0	0.0%	0	0	0	186	1,277	-85.4%	0	0	0.0%	0	0	0.0%	186	22,193	-99.2%
CIG ROCKIES NG INDEX SWA	Z8	0	0	0.0%	0	0	0	720	0	0.0%	0	0	0.0%	0	0	0.0%	720	930	-22.6%
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	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	70,200	0	0.0%	0	0	0.0%	0	0	0.0%	137,240	138,920	-1.2%
CIN HUB 5MW D AH PK	H5	0	0	0.0%	0	0	0	0	0	0.0%	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	70,200	208,184	-66.3%	0	0	0.0%	0	0	0.0%	135,040	558,704	-75.8%
CIN HUB 5MW REAL TIME PK	H3	0	0	0.0%	0	0	0	3,345	16,111	-79.2%	0	0	0.0%	0	0	0.0%	14,500	45,526	-68.2%
COAL SWAP	ACM	0	0	0.0%	0	0	0	410	190	115.8%	0	0	0.0%	0	0	0.0%	665	1,490	-55.4%
COAL SWAP	SSI	0	0	0.0%	0	0	0	0	0	0.0%	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	7,640	-100.0%	0	0	0.0%	0	0	0.0%	0	11,606	-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

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity		Outcry	Outcry	%	MAR	MAR	CHG	ClearPort	ClearPort	CHG	Outcry	Outcry	CHG	Y.T.D	Y.T.D	CHG	ClearPort	ClearPort	%
Indicator		MAR	MAR		2017	2016		MAR 2017	MAR 2016		Y.T.D	Y.T.D		2017	2016		Y.T.D	Y.T.D	
		2017	2016								2017	2016							
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	612	18	3,300.0%	0	0	0.0%	0	0	0.0%	851	841	1.2%
CONWAY NORMAL BUTANE (O	8M	0	0	0.0%	0	0	0	1,632	0	0.0%	0	0	0.0%	0	0	0.0%	2,429	75	3,138.7%
CONWAY PROPANE 5 DECIMAL	8K	0	0	0.0%	8	0	0	8,213	5,554	47.9%	0	0	0.0%	19	0	0.0%	26,358	17,641	49.4%
CRUDE OIL	CHB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
CRUDE OIL	LPS	0	0	0.0%	0	0	0	2,675	8,238	-67.5%	0	0	0.0%	0	0	0.0%	10,920	17,355	-37.1%
CRUDE OIL OUTRIGHTS	37	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	42	0	0	0.0%	0	0	0	60	146	-58.9%	0	0	0.0%	0	0	0.0%	525	183	186.9%
CRUDE OIL OUTRIGHTS	CC5	0	-	-	0	-		150	-	-	0	-	-	0	-	-	150	-	-
CRUDE OIL OUTRIGHTS	CSN	0	-	-	0	-		30	-	-	0	-	-	0	-	-	30	-	-
CRUDE OIL OUTRIGHTS	CSW	0	-	-	0	-		235	-	-	0	-	-	0	-	-	505	-	-
CRUDE OIL OUTRIGHTS	DBL	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	500	50	900.0%
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	-		45	-	-	0	-	-	0	-	-	110	-	-
CRUDE OIL OUTRIGHTS	HTT	0	0	0.0%	0	0	0	9,265	1,200	672.1%	0	0	0.0%	0	0	0.0%	24,871	1,200	1,972.6%
CRUDE OIL OUTRIGHTS	SSW	0	-	-	0	-		15	-	-	0	-	-	0	-	-	15	-	-
CRUDE OIL OUTRIGHTS	WCC	0	0	0.0%	0	0	0	3,900	3,585	8.8%	0	0	0.0%	0	0	0.0%	20,922	19,030	9.9%
CRUDE OIL OUTRIGHTS	WCW	0	-	-	0	-		120	-	-	0	-	-	0	-	-	120	-	-
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	0	0.0%	0	0	0.0%	0	0	0.0%	0	325	-100.0%
CRUDE OIL SPRDS	WTT	0	0	0.0%	0	0	0	4,905	1,515	223.8%	0	0	0.0%	0	0	0.0%	16,270	3,029	437.1%
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%

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		Outcry	Outcry	%	MAR	MAR	%	ClearPort	ClearPort	%	Outcry	Outcry	%	Y.T.D	Y.T.D	%	ClearPort	ClearPort	%
Indicator		MAR	MAR	CHG	2017	2016	CHG	MAR 2017	MAR 2016	CHG	Y.T.D	Y.T.D	CHG	2017	2016	CHG	Y.T.D	Y.T.D	% CHG
		2017	2016								2017	2016					2017	2016	
<b>Energy Futures</b>																			
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,810	3,040	25.3%
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	0.0%
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	0.0%
DIESEL10PPM BARG VS ICE LS	LSE	-	0	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	0	7,192	-100.0%	0	0	0.0%	0	0	0.0%	0	8,410	-100.0%
DOMINION TRANSMISSION INC	PG	0	0	0.0%	0	0	0	8,127	15,487	-47.5%	0	0	0.0%	0	0	0.0%	35,825	53,603	-33.2%
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	0.0%
DUBAI CRUDE OIL CALENDAR	DC	0	0	0.0%	0	0	0	5,490	289	1,799.7%	0	0	0.0%	0	0	0.0%	25,204	2,871	777.9%
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	0.0%	1,500	0	0.0%
EASTERN RAIL DELIVERY CSX	QX	0	0	0.0%	0	0	0	749	987	-24.1%	0	0	0.0%	0	0	0.0%	3,014	3,087	-2.4%
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%	896	36	2,388.9%
EIA FLAT TAX ONHWAY DIESE	A5	0	0	0.0%	0	0	0	737	1,021	-27.8%	0	0	0.0%	0	0	0.0%	2,682	4,901	-45.3%
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	0.0%
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 DLY PEAK	N1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
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	0.0%
ELEC ERCOT OFF PEAK	O1	-	0	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	0	0	0.0%	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	0.0%
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 OFF PEAK	46	0	0	0.0%	0	0	0	0	0	0.0%	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	0.0%
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	0.0%
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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	372	-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 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 MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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																			
EMMISSIONS	CPL	-	0	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	0.0%
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	4,280	-100.0%
ERCOT NORTH ZMCPE 5MW PE	I5	0	0	0.0%	0	0	0	400	0	0.0%	0	0	0.0%	0	0	0.0%	830	235	253.2%
ETHANOL T2 FOB ROTT INCL D	Z1	0	0	0.0%	0	0	0	2,917	1,795	62.5%	0	0	0.0%	0	0	0.0%	11,305	5,566	103.1%
EU LOW SULPHUR GASOIL CRA	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	0	0	0.0%	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	557	239	133.1%	0	0	0.0%	0	0	0.0%	1,926	871	121.1%
EURO 3.5% FUEL OIL SPREAD	FK	0	0	0.0%	0	0	0	571	692	-17.5%	0	0	0.0%	0	0	0.0%	1,644	1,997	-17.7%
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	0	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	90	-83.3%	0	0	0.0%	0	0	0.0%	198	175	13.1%
EUROPE 1% FUEL OIL NWE CA	UF	0	0	0.0%	0	0	0	90	159	-43.4%	0	0	0.0%	0	0	0.0%	400	536	-25.4%
EUROPE 1% FUEL OIL RDAM C	UH	0	0	0.0%	0	0	0	10	0	0.0%	0	0	0.0%	0	0	0.0%	10	101	-90.1%
EUROPE 3.5% FUEL OIL MED	UI	0	0	0.0%	0	0	0	192	358	-46.4%	0	0	0.0%	0	0	0.0%	1,034	1,197	-13.6%
EUROPE 3.5% FUEL OIL RDAM	UV	0	0	0.0%	0	0	0	11,052	6,753	63.7%	0	0	0.0%	0	0	0.0%	32,510	20,850	55.9%
EUROPEAN GASOIL (ICE)	7F	0	0	0.0%	3,779	278,094	-0.99	0	5,400	-100.0%	0	0	0.0%	9,004	1,035,151	-99.1%	0	75,000	-100.0%
EUROPEAN NAPHTHA BALMO	KZ	0	0	0.0%	0	0	0	420	187	124.6%	0	0	0.0%	0	0	0.0%	1,145	486	135.6%
EUROPEAN NAPHTHA CRACK SP	EN	0	0	0.0%	0	0	0	8,142	3,506	132.2%	0	0	0.0%	0	0	0.0%	23,731	10,821	119.3%
EUROPE DATED BRENT SWAP	UB	0	0	0.0%	0	0	0	374	150	149.3%	0	0	0.0%	0	0	0.0%	416	11,778	-96.5%
EUROPE JET KERO NWE CALS	UJ	0	0	0.0%	0	0	0	36	20	80.0%	0	0	0.0%	0	0	0.0%	36	38	-5.3%
EUROPE NAPHTHA CALSWAP	UN	0	0	0.0%	0	0	0	2,965	1,581	87.5%	0	0	0.0%	0	0	0.0%	8,309	3,311	151.0%
EURO PROPANE CIF ARA SWA	PS	0	0	0.0%	0	0	0	1,286	927	38.7%	0	0	0.0%	0	0	0.0%	3,929	2,600	51.1%
FL GAS ZONE 3 NAT GAS IND	Q9	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
FLORIDA GAS ZONE3 BASIS S	FP	0	0	0.0%	0	0	0	0	552	-100.0%	0	0	0.0%	0	0	0.0%	0	552	-100.0%
FREIGHT MARKETS	FLP	0	0	0.0%	0	0	0	106	48	120.8%	0	0	0.0%	0	0	0.0%	285	655	-56.5%
FUEL OIL CRACK VS ICE	FO	0	0	0.0%	0	0	0	5,741	4,539	26.5%	0	0	0.0%	0	0	0.0%	12,368	12,052	2.6%
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	33	-100.0%	0	0	0.0%	0	0	0.0%	0	161	-100.0%
FUEL OIL (PLATS) CAR CN	1X	0	0	0.0%	0	0	0	0	36	-100.0%	0	0	0.0%	0	0	0.0%	0	54	-100.0%
FUELOIL SWAP:CARGOES VS.B	FS	0	0	0.0%	0	0	0	276	346	-20.2%	0	0	0.0%	0	0	0.0%	968	1,738	-44.3%
GAS EURO-BOB OXY NWE BAR	7H	0	0	0.0%	0	0	0	8,205	5,889	39.3%	0	0	0.0%	0	0	0.0%	23,618	23,520	0.4%
GAS EURO-BOB OXY NWE BAR	7K	0	0	0.0%	0	0	0	24,787	13,181	88.1%	0	0	0.0%	0	0	0.0%	66,141	49,905	32.5%

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

**NYMEX/COMEX Exchange Volume Comparison Report - Monthly**

		Open	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity		Outcry	Outcry		MAR	MAR		ClearPort	ClearPort		Outcry	Outcry		Y.T.D	Y.T.D		ClearPort	ClearPort	
Indicator		MAR	MAR	CHG	2017	2016	CHG	MAR 2017	MAR 2016	CHG	Y.T.D	Y.T.D	CHG	2017	2016	CHG	Y.T.D	Y.T.D	% CHG
		2017	2016								2017	2016					2017	2016	
<b>Energy Futures</b>																			
GASOIL 0.1 BRGS FOB VS IC	6V	0	0	0.0%	0	0	0	0	1	-100.0%	0	0	0.0%	0	0	0.0%	0	1	-100.0%
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%
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%	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	-	-	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	9	-100.0%	0	0	0.0%	0	0	0.0%	0	39	-100.0%
GASOIL 0.1 ROTTERDAM BARG	VL	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	40	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	120	30	300.0%	0	0	0.0%	0	0	0.0%	455	54	742.6%
GASOIL BULLET SWAP	BG	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
GASOIL CALENDAR SWAP	GX	0	0	0.0%	0	0	0	0	48	-100.0%	0	0	0.0%	0	0	0.0%	18	68	-73.5%
GASOIL CRACK SPREAD CALE	GZ	0	0	0.0%	0	0	0	5,780	1,640	252.4%	0	0	0.0%	0	0	0.0%	24,083	3,588	571.2%
GASOIL MINI CALENDAR SWAP	QA	0	0	0.0%	0	0	0	271	239	13.4%	0	0	0.0%	0	0	0.0%	577	824	-30.0%
GASOLINE UP-DOWN BALMO S	1K	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	0	810	-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	1,875	1,690	10.9%	0	0	0.0%	0	0	0.0%	6,395	7,395	-13.5%
GRP THREE UNL GS (PLT) VS	A8	0	0	0.0%	0	0	0	925	710	30.3%	0	0	0.0%	0	0	0.0%	1,739	3,990	-56.4%
GULF COAST 3% FUEL OIL BA	VZ	0	0	0.0%	0	0	0	543	1,063	-48.9%	0	0	0.0%	0	0	0.0%	3,489	2,964	17.7%
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	138	0	0.0%	0	0	0.0%	0	0	0.0%	248	123	101.6%
GULF COAST JET VS NYM 2 H	ME	0	0	0.0%	0	0	0	57,956	36,505	58.8%	0	0	0.0%	0	0	0.0%	149,226	96,447	54.7%
GULF COAST NO.6 FUEL OIL	MF	0	0	0.0%	0	0	0	63,144	61,437	2.8%	0	0	0.0%	0	0	0.0%	194,038	191,195	1.5%
GULF COAST NO.6 FUEL OIL	MG	0	0	0.0%	0	0	0	772	1,516	-49.1%	0	0	0.0%	0	0	0.0%	5,414	4,266	26.9%
GULF COAST ULSD CALENDAR	LY	0	0	0.0%	0	3	-1	214	903	-76.3%	0	0	0.0%	0	3	-100.0%	1,030	3,051	-66.2%
GULF COAST ULSD CRACK SP	GY	0	0	0.0%	0	0	0	1,000	225	344.4%	0	0	0.0%	0	0	0.0%	1,000	1,950	-48.7%
HEATING OIL BALMO CLNDR S	1G	0	0	0.0%	0	0	0	175	0	0.0%	0	0	0.0%	0	0	0.0%	175	175	0.0%
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%

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 MAR 2017	Outcry MAR 2016	% CHG	MAR 2017	MAR 2016	CHG	ClearPort MAR 2017	ClearPort MAR 2016	CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	CHG	Y.T.D 2017	Y.T.D 2016	CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
HENRY HUB BASIS SWAP	HB	0	0	0.0%	1,230	0	0	10,538	18,654	-43.5%	0	0	0.0%	2,996	0	0.0%	22,107	74,883	-70.5%
HENRY HUB INDEX SWAP FUTL	IN	0	0	0.0%	1,230	0	0	8,400	18,654	-55.0%	0	0	0.0%	2,996	0	0.0%	20,529	68,806	-70.2%
HENRY HUB SWAP	NN	0	0	0.0%	9,814	229,831	-0.96	165,247	274,768	-39.9%	0	736	-100.0%	37,598	585,447	-93.6%	421,540	1,076,502	-60.8%
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%
HOUSTON SHIP CHANNEL BASI	NH	0	0	0.0%	0	0	0	0	1,042	-100.0%	0	0	0.0%	0	0	0.0%	0	12,724	-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	7,650	10	76,400.0%	0	0	0.0%	0	0	0.0%	24,433	10	244,230.0%
IN DELIVERY MONTH EUA	6T	0	0	0.0%	0	0	0	0	2,000	-100.0%	0	0	0.0%	0	0	0.0%	0	12,500	-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	0	15	-100.0%	0	0	0.0%	0	0	0.0%	5	60	-91.7%
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	20	-100.0%	0	0	0.0%	0	0	0.0%	10	20	-50.0%
JAPAN C&F NAPHTHA CRACK S	JB	0	0	0.0%	0	0	0	517	253	104.3%	0	0	0.0%	0	0	0.0%	1,402	1,912	-26.7%
JAPAN C&F NAPHTHA SWAP	JA	0	0	0.0%	0	0	0	1,400	1,224	14.4%	0	0	0.0%	0	0	0.0%	3,884	3,792	2.4%
JAPAN NAPHTHA BALMO SWAP	E6	0	0	0.0%	0	0	0	30	175	-82.9%	0	0	0.0%	0	0	0.0%	127	267	-52.4%
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	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	220	86	155.8%	0	0	0.0%	0	0	0.0%	290	185	56.8%
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	0	0.0%	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	14,881	3,500	325.2%	0	0	0.0%	0	0	0.0%	23,589	11,040	113.7%
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	135	1,900	-92.9%	0	0	0.0%	0	0	0.0%	535	2,217	-75.9%
LA CARBOB GASOLINE(OPIS)S	JL	0	0	0.0%	0	0	0	250	1,050	-76.2%	0	0	0.0%	0	0	0.0%	650	3,775	-82.8%
LA JET FUEL VS NYM NO 2 H	MQ	0	0	0.0%	0	0	0	0	102	-100.0%	0	0	0.0%	0	0	0.0%	25	660	-96.2%
LA JET (OPIS) SWAP	JS	0	0	0.0%	0	0	0	1,350	2,312	-41.6%	0	0	0.0%	0	0	0.0%	6,310	5,412	16.6%

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 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 MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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																			
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	2,205	8,143	-72.9%	0	0	0.0%	0	0	0.0%	15,485	20,384	-24.0%
MARS (ARGUS) VS WTI SWAP	YX	0	0	0.0%	0	0	0	1,475	3,695	-60.1%	0	0	0.0%	0	0	0.0%	11,131	20,893	-46.7%
MARS (ARGUS) VS WTI TRD M	YV	0	0	0.0%	0	0	0	25,217	8,375	201.1%	0	0	0.0%	0	0	0.0%	80,277	29,107	175.8%
MARS BLEND CRUDE OIL	MB	0	0	0.0%	0	0	0	369	2,180	-83.1%	0	0	0.0%	0	0	0.0%	5,184	3,971	30.5%
MCCLOSKY ARA ARGS COAL	MTF	0	0	0.0%	0	0	0	49,804	191,447	-74.0%	0	0	0.0%	0	0	0.0%	174,327	631,016	-72.4%
MCCLOSKY RCH BAY COAL	MFF	0	0	0.0%	0	0	0	5,650	24,414	-76.9%	0	0	0.0%	0	0	0.0%	20,358	83,383	-75.6%
MGF FUT	MGF	0	0	0.0%	0	0	0	162	0	0.0%	0	0	0.0%	0	0	0.0%	162	60	170.0%
MGN1 SWAP FUT	MGN	0	0	0.0%	0	0	0	120	103	16.5%	0	0	0.0%	0	0	0.0%	452	545	-17.1%
MICHCON NG INDEX SWAP	Y8	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
MICHIGAN BASIS	NF	0	0	0.0%	0	0	0	0	122	-100.0%	0	0	0.0%	0	0	0.0%	2,592	3,747	-30.8%
MICHIGAN MISO	HMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	59,040	127,640	-53.7%
MICHIGAN MISO	HMW	0	0	0.0%	0	0	0	0	0	0.0%	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	463	244	89.8%	0	0	0.0%	0	0	0.0%	1,136	1,137	-0.1%
MINI RBOB V. EBOBARG NWE B	MXR	0	0	0.0%	0	0	0	0	0	0.0%	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	1,854	1,480	25.3%	0	0	0.0%	0	0	0.0%	6,509	3,311	96.6%
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	150	100	50.0%	0	0	0.0%	0	0	0.0%	260	298	-12.8%
MNC FUT	MNC	0	0	0.0%	0	0	0	5,725	4,272	34.0%	0	0	0.0%	0	0	0.0%	13,601	12,161	11.8%
MONT BELVIEU ETHANE 5 DECI	C0	0	0	0.0%	0	0	0	22,464	40,182	-44.1%	0	0	0.0%	0	0	0.0%	114,688	95,564	20.0%
MONT BELVIEU ETHANE OPIS E	8C	0	0	0.0%	0	0	0	75	150	-50.0%	0	0	0.0%	0	0	0.0%	1,725	415	315.7%
MONT BELVIEU LDH PROPANE	B0	0	0	0.0%	28	5	4.6	112,019	82,771	35.3%	0	0	0.0%	63	32	96.9%	314,251	265,487	18.4%
MONT BELVIEU LDH PROPANE	8O	0	0	0.0%	0	0	0	774	1,118	-30.8%	0	0	0.0%	0	0	0.0%	7,710	1,889	308.2%
MONT BELVIEU NATURAL GAS	7Q	0	0	0.0%	0	0	0	4,348	8,338	-47.9%	0	0	0.0%	0	0	0.0%	16,279	30,536	-46.7%
MONT BELVIEU NATURAL GAS	R0	0	0	0.0%	0	0	0	210	272	-22.8%	0	0	0.0%	0	0	0.0%	1,216	625	94.6%
MONT BELVIEU NORMAL BUTA	D0	0	0	0.0%	0	0	0	37,483	33,712	11.2%	0	0	0.0%	0	0	0.0%	94,320	81,066	16.3%
MONT BELVIEU NORMAL BUTA	8J	0	0	0.0%	0	0	0	1,750	492	255.7%	0	0	0.0%	0	0	0.0%	3,797	2,215	71.4%
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	0	2,350	-100.0%	0	0	0.0%	0	0	0.0%	1,284	6,248	-79.4%
NATURAL GAS	HBI	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS	XIC	0	-	-	0	-		44	-	-	0	-	-	0	-	-	44	-	-
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%

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 MAR 2017	Outcry MAR 2016	% CHG	MAR 2017	MAR 2016	% CHG	ClearPort MAR 2017	ClearPort MAR 2016	% CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	% CHG	Y.T.D 2017	Y.T.D 2016	% CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
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%
NATURAL GAS INDEX	TZI	0	0	0.0%	0	0	0	600	610	-1.6%	0	0	0.0%	0	0	0.0%	656	610	7.5%
NATURAL GAS PEN SWP	NP	0	0	0.0%	0	0	0	119,562	138,821	-13.9%	0	92	-100.0%	51	0	0.0%	358,569	359,049	-0.1%
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	7,440	20,512	-63.7%	0	0	0.0%	0	0	0.0%	156,800	45,072	247.9%
NEPOOL INTR HUB 5MW D AH	U6	0	0	0.0%	0	0	0	420	2,325	-81.9%	0	0	0.0%	0	0	0.0%	6,920	2,835	144.1%
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	640	-100.0%	0	0	0.0%	0	0	0.0%	0	640	-100.0%
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	4,000	-100.0%	0	0	0.0%	0	0	0.0%	0	4,000	-100.0%
NEPOOL W CNTR M 5MW D AH	R6	0	0	0.0%	0	0	0	0	1,685	-100.0%	0	0	0.0%	0	0	0.0%	0	1,685	-100.0%
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	710	2,100	-66.2%	0	0	0.0%	0	0	0.0%	1,875	7,750	-75.8%
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	904	-100.0%	0	0	0.0%	0	0	0.0%	744	13,600	-94.5%
NGPL MIDCONTINENT INDEX	IW	0	0	0.0%	0	0	0	0	0	0.0%	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	800	1,087	-26.4%	0	0	0.0%	0	0	0.0%	800	18,076	-95.6%
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	300	0	0.0%	0	0	0.0%	0	0	0.0%	2,210	2,275	-2.9%
NORTHEN NATURAL GAS DEM	PE	0	0	0.0%	0	0	0	0	276	-100.0%	0	0	0.0%	0	0	0.0%	0	363	-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 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 MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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																			
NORTHEN NATURAL GAS VENT	PF	0	0	0.0%	0	0	0	0	951	-100.0%	0	0	0.0%	0	0	0.0%	0	1,609	-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	60	-1	62	15,506	-99.6%	0	0	0.0%	0	60	-100.0%	246	57,395	-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	1,760	2,415	-27.1%	0	0	0.0%	0	0	0.0%	8,888	5,815	52.8%
NY 2.2% FUEL OIL (PLATTS	Y3	0	0	0.0%	0	0	0	0	44	-100.0%	0	0	0.0%	0	0	0.0%	0	189	-100.0%
NY 3.0% FUEL OIL (PLATTS	H1	0	0	0.0%	0	0	0	285	275	3.6%	0	0	0.0%	0	0	0.0%	1,460	600	143.3%
NY HARBOR 1% FUEL OIL BAL	VK	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	0	30	-100.0%
NY HARBOR HEAT OIL SWP	MP	0	0	0.0%	3	3	0	2,038	4,632	-56.0%	0	24	-100.0%	3	3	0.0%	6,796	10,894	-37.6%
NY HARBOR LOW SULPUR GAS	NLS	0	0	0.0%	0	0	0	975	225	333.3%	0	0	0.0%	0	0	0.0%	1,828	1,125	62.5%
NY HARBOR RESIDUAL FUEL 1	MM	0	0	0.0%	0	0	0	5,225	2,719	92.2%	0	0	0.0%	0	0	0.0%	10,911	15,532	-29.8%
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	2,240	1,196	87.3%	0	0	0.0%	0	0	0.0%	5,981	4,042	48.0%
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	-		15	-	-	0	-	-	0	-	-	195	-	-
NYISO CAPACITY	NNC	0	0	0.0%	0	0	0	570	330	72.7%	0	0	0.0%	0	0	0.0%	1,296	537	141.3%
NYISO CAPACITY	NRS	0	0	0.0%	0	0	0	421	324	29.9%	0	0	0.0%	0	0	0.0%	685	573	19.5%
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	86	-100.0%	0	0	0.0%	0	0	0.0%	0	86	-100.0%
NYISO J OFF-PEAK	KK	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	0	40	-100.0%
NYISO ZONE A 5MW D AH O P	K4	0	0	0.0%	0	0	0	0	97,920	-100.0%	0	0	0.0%	0	0	0.0%	9,360	123,000	-92.4%
NYISO ZONE A 5MW D AH PK	K3	0	0	0.0%	0	0	0	0	430	-100.0%	0	0	0.0%	0	0	0.0%	6,705	430	1,459.3%
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	30,840	82,560	-62.6%	0	0	0.0%	0	0	0.0%	212,400	179,910	18.1%
NYISO ZONE G 5MW D AH PK	T3	0	0	0.0%	0	0	0	8,275	2,408	243.6%	0	0	0.0%	0	0	0.0%	21,560	10,884	98.1%
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%	109,600	93,600	17.1%
NYISO ZONE J 5MW D AH PK	D3	0	0	0.0%	0	0	0	2,340	1,075	117.7%	0	0	0.0%	0	0	0.0%	7,640	7,255	5.3%
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%

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		Outcry	Outcry	%	MAR	MAR	%	ClearPort	ClearPort	%	Outcry	Outcry	%	Y.T.D	Y.T.D	%	ClearPort	ClearPort	%
Indicator		MAR	MAR	CHG	2017	2016	CHG	MAR 2017	MAR 2016	CHG	Y.T.D	Y.T.D	CHG	2017	2016	CHG	Y.T.D	Y.T.D	CHG
		2017	2016								2017	2016					2017	2016	
<b>Energy Futures</b>																			
NY ULSD (ARGUS) VS HEATING	7Y	0	0	0.0%	0	0	0	1,060	489	116.8%	0	0	0.0%	0	0	0.0%	6,772	2,530	167.7%
ONEOK OKLAHOMA NG BASIS	8X	0	0	0.0%	0	0	0	0	306	-100.0%	0	0	0.0%	0	0	0.0%	0	759	-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	0	0.0%	0	0	0.0%	0	0	0.0%	0	3,750	-100.0%
ONTARIO POWER SWAPS	OPD	0	0	0.0%	0	0	0	10	20	-50.0%	0	0	0.0%	0	0	0.0%	140	70	100.0%
ONTARIO POWER SWAPS	OPM	0	0	0.0%	0	0	0	0	0	0.0%	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	3,874	-100.0%	0	0	0.0%	0	0	0.0%	48	20,583	-99.8%
PANHANDLE INDEX SWAP FUT	IV	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	558	-100.0%
PANHANDLE PIPE SWAP	XH	0	0	0.0%	0	0	0	864	0	0.0%	0	0	0.0%	0	0	0.0%	864	0	0.0%
PERMIAN BASIS SWAP	PM	0	0	0.0%	0	0	0	0	1,398	-100.0%	0	0	0.0%	0	0	0.0%	0	10,777	-100.0%
PETROCHEMICALS	22	0	0	0.0%	0	0	0	104	27	285.2%	0	0	0.0%	0	0	0.0%	242	97	149.5%
PETROCHEMICALS	32	0	0	0.0%	0	0	0	104	31	235.5%	0	0	0.0%	0	0	0.0%	414	151	174.2%
PETROCHEMICALS	8I	0	0	0.0%	0	0	0	1,800	42	4,185.7%	0	0	0.0%	0	0	0.0%	2,667	779	242.4%
PETROCHEMICALS	9I	0	0	0.0%	0	0	0	233	95	145.3%	0	0	0.0%	0	0	0.0%	784	216	263.0%
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	10	80	-87.5%	0	0	0.0%	0	0	0.0%	50	110	-54.5%
PETROCHEMICALS	MAE	0	0	0.0%	0	0	0	10	70	-85.7%	0	0	0.0%	0	0	0.0%	10	90	-88.9%
PETROCHEMICALS	MAS	0	0	0.0%	0	0	0	10	20	-50.0%	0	0	0.0%	0	0	0.0%	95	170	-44.1%
PETROCHEMICALS	MBE	0	0	0.0%	0	0	0	775	5,105	-84.8%	0	0	0.0%	0	0	0.0%	3,595	7,895	-54.5%
PETROCHEMICALS	MNB	0	0	0.0%	0	0	0	1,044	2,097	-50.2%	0	0	0.0%	0	0	0.0%	2,509	4,723	-46.9%
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	64	0	0.0%	0	0	0.0%	0	0	0.0%	264	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	0	110	-100.0%	0	0	0.0%	0	0	0.0%	610	170	258.8%
PETRO CRCKS & SPRDS NA	EXR	0	0	0.0%	0	0	0	3,072	1,430	114.8%	0	0	0.0%	0	0	0.0%	9,983	4,389	127.5%
PETRO CRCKS & SPRDS NA	FOC	0	0	0.0%	0	0	0	990	725	36.6%	0	0	0.0%	0	0	0.0%	2,365	1,825	29.6%
PETRO CRCKS & SPRDS NA	GBB	0	0	0.0%	0	0	0	740	0	0.0%	0	0	0.0%	0	0	0.0%	2,390	0	0.0%
PETRO CRCKS & SPRDS NA	GCC	0	0	0.0%	0	0	0	325	300	8.3%	0	0	0.0%	0	0	0.0%	325	1,075	-69.8%
PETRO CRCKS & SPRDS NA	GCI	0	0	0.0%	0	0	0	1,730	1,290	34.1%	0	0	0.0%	0	0	0.0%	4,511	2,215	103.7%
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	5,527	5,473	1.0%	0	0	0.0%	0	0	0.0%	23,164	24,272	-4.6%
PETRO CRCKS & SPRDS NA	GFC	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	485	0	0.0%
PETRO CRCKS & SPRDS NA	HOB	0	0	0.0%	0	0	0	2,238	8,858	-74.7%	0	0	0.0%	0	0	0.0%	6,201	15,902	-61.0%

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	%	MAR	MAR	%	ClearPort	ClearPort	%	Outcry	Outcry	%	Y.T.D	Y.T.D	%	ClearPort	ClearPort	%
Indicator		MAR	MAR	CHG	2017	2016	CHG	MAR 2017	MAR 2016	CHG	Y.T.D	Y.T.D	CHG	2017	2016	CHG	Y.T.D	Y.T.D	CHG
		2017	2016								2017	2016					2017	2016	% CHG
<b>Energy Futures</b>																			
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	-	-
PETRO CRCKS & SPRDS NA	NFG	0	0	0.0%	0	0	0	86	0	0.0%	0	0	0.0%	0	0	0.0%	86	220	-60.9%
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	-	-
PETRO CRCKS & SPRDS NA	RBB	0	0	0.0%	0	0	0	7,934	5,821	36.3%	0	0	0.0%	0	0	0.0%	29,395	27,221	8.0%
PETRO CRCKS & SPRDS NA	RVG	0	0	0.0%	0	0	0	17,455	7,988	118.5%	0	0	0.0%	0	0	0.0%	47,011	20,328	131.3%
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	1,749	1,510	15.8%	0	0	0.0%	0	0	0.0%	5,004	7,507	-33.3%
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	201	400	-49.8%	0	0	0.0%	0	0	0.0%	610	551	10.7%
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	2,248	1,757	27.9%	0	0	0.0%	0	0	0.0%	7,530	7,142	5.4%
PETRO CRK&SPRD EURO	EOB	0	0	0.0%	0	0	0	48	16	200.0%	0	0	0.0%	0	0	0.0%	68	60	13.3%
PETRO CRK&SPRD EURO	EPN	0	0	0.0%	0	0	0	576	100	476.0%	0	0	0.0%	0	0	0.0%	1,248	334	273.7%
PETRO CRK&SPRD EURO	EVC	0	0	0.0%	0	0	0	3,657	1,371	166.7%	0	0	0.0%	0	0	0.0%	10,590	3,286	222.3%
PETRO CRK&SPRD EURO	FBT	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	170	-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	200	25	700.0%	0	0	0.0%	0	0	0.0%	400	560	-28.6%
PETRO CRK&SPRD EURO	GOC	0	0	0.0%	0	0	0	5	0	0.0%	0	0	0.0%	0	0	0.0%	35	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	30	0	0.0%	0	0	0.0%	0	0	0.0%	70	0	0.0%
PETRO CRK&SPRD EURO	MUD	0	0	0.0%	0	0	0	222	58	282.8%	0	0	0.0%	0	0	0.0%	486	355	36.9%
PETRO CRK&SPRD EURO	NBB	0	0	0.0%	0	0	0	0	27	-100.0%	0	0	0.0%	0	0	0.0%	38	75	-49.3%
PETRO CRK&SPRD EURO	NOB	0	0	0.0%	0	0	0	1,468	505	190.7%	0	0	0.0%	0	0	0.0%	3,328	1,118	197.7%
PETRO CRK&SPRD EURO	SFB	0	0	0.0%	0	0	0	0	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	-	-
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	2,535	50	4,970.0%	0	0	0.0%	0	0	0.0%	10,039	50	19,978.0%

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

Commodity Indicator		Open Outcry MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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	MBS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	80	471	-83.0%
PETROLEUM PRODUCTS	MHE	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
PETROLEUM PRODUCTS	MPE	0	0	0.0%	0	0	0	0	150	-100.0%	0	0	0.0%	0	0	0.0%	0	1,178	-100.0%
PETROLEUM PRODUCTS	VU	0	0	0.0%	0	0	0	15	402	-96.3%	0	0	0.0%	0	0	0.0%	504	872	-42.2%
PETROLEUM PRODUCTS ASIA	E6M	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%	0	0	0.0%	15	157	-90.4%
PETROLEUM PRODUCTS ASIA	MJN	0	0	0.0%	0	0	0	2,151	1,483	45.0%	0	0	0.0%	0	0	0.0%	5,392	3,424	57.5%
PETROLEUM PRODUCTS ASIA	MSB	0	-	-	0	-		0	-	-	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	50	-100.0%	0	0	0.0%	0	0	0.0%	43	375	-88.5%
PETRO OUTRIGHT EURO	0C	0	0	0.0%	0	0	0	0	56	-100.0%	0	0	0.0%	0	0	0.0%	0	66	-100.0%
PETRO OUTRIGHT EURO	0D	0	0	0.0%	0	0	0	3,025	5,464	-44.6%	0	0	0.0%	0	0	0.0%	8,855	14,306	-38.1%
PETRO OUTRIGHT EURO	0E	0	0	0.0%	0	0	0	676	1,061	-36.3%	0	0	0.0%	0	0	0.0%	2,067	2,345	-11.9%
PETRO OUTRIGHT EURO	0F	0	0	0.0%	0	0	0	1,630	1,163	40.2%	0	0	0.0%	0	0	0.0%	4,043	2,933	37.8%
PETRO OUTRIGHT EURO	1T	0	0	0.0%	0	0	0	36	20	80.0%	0	0	0.0%	0	0	0.0%	36	20	80.0%
PETRO OUTRIGHT EURO	33	0	0	0.0%	0	0	0	60	0	0.0%	0	0	0.0%	0	0	0.0%	80	122	-34.4%
PETRO OUTRIGHT EURO	5L	0	0	0.0%	0	0	0	85	30	183.3%	0	0	0.0%	0	0	0.0%	304	295	3.1%
PETRO OUTRIGHT EURO	63	0	0	0.0%	0	0	0	5	155	-96.8%	0	0	0.0%	0	0	0.0%	357	342	4.4%
PETRO OUTRIGHT EURO	6L	0	0	0.0%	0	0	0	0	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	17	50	-66.0%	0	0	0.0%	0	0	0.0%	359	430	-16.5%
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	335	130	157.7%	0	0	0.0%	0	0	0.0%	718	725	-1.0%
PETRO OUTRIGHT EURO	88	0	0	0.0%	0	0	0	0	5	-100.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
PETRO OUTRIGHT EURO	CBB	0	-	-	0	-		0	-	-	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	571	10	5,610.0%	0	0	0.0%	0	0	0.0%	1,618	80	1,922.5%
PETRO OUTRIGHT EURO	EFF	0	0	0.0%	0	0	0	45	98	-54.1%	0	0	0.0%	0	0	0.0%	220	206	6.8%
PETRO OUTRIGHT EURO	EFM	0	0	0.0%	0	0	0	5	15	-66.7%	0	0	0.0%	0	0	0.0%	130	90	44.4%
PETRO OUTRIGHT EURO	ENS	0	0	0.0%	0	0	0	0	100	-100.0%	0	0	0.0%	0	0	0.0%	60	426	-85.9%
PETRO OUTRIGHT EURO	ESB	0	-	-	0	-		0	-	-	0	-	-	0	-	-	6	-	-
PETRO OUTRIGHT EURO	EWN	0	0	0.0%	0	0	0	606	308	96.8%	0	0	0.0%	0	0	0.0%	1,974	462	327.3%
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%	120	34	252.9%
PETRO OUTRIGHT EURO	MBN	0	0	0.0%	0	0	0	1,050	1,237	-15.1%	0	0	0.0%	0	0	0.0%	2,238	3,201	-30.1%
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%

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 MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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
<b>Energy Futures</b>																		
PETRO OUTRIGHT EURO T0	0	0	0.0%	0	0	0	0	27	-100.0%	0	0	0.0%	0	0	0.0%	110	122	-9.8%
PETRO OUTRIGHT EURO ULB	0	0	0.0%	0	0	0	0	90	-100.0%	0	0	0.0%	0	0	0.0%	375	90	316.7%
PETRO OUTRIGHT EURO V0	0	0	0.0%	0	0	0	75	0	0.0%	0	0	0.0%	0	0	0.0%	150	0	0.0%
PETRO OUTRIGHT EURO W0	0	0	0.0%	0	0	0	0	50	-100.0%	0	0	0.0%	0	0	0.0%	0	50	-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	0	0.0%
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	209	41	409.8%	0	0	0.0%	0	0	0.0%	522	137	281.0%
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	10	0	0.0%	0	0	0.0%	0	0	0.0%	10	3	233.3%
PETRO OUTRIGHT NA GBA	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
PETRO OUTRIGHT NA GUD	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
PETRO OUTRIGHT NA JE	0	0	0.0%	0	0	0	18	115	-84.3%	0	0	0.0%	0	0	0.0%	18	439	-95.9%
PETRO OUTRIGHT NA JET	0	0	0.0%	0	0	0	4,573	2,355	94.2%	0	0	0.0%	0	0	0.0%	15,069	5,620	168.1%
PETRO OUTRIGHT NA MBL	0	0	0.0%	0	0	0	77	0	0.0%	0	0	0.0%	0	0	0.0%	135	0	0.0%
PETRO OUTRIGHT NA MEN	0	0	0.0%	0	0	0	909	835	8.9%	0	0	0.0%	0	0	0.0%	2,250	2,541	-11.5%
PETRO OUTRIGHT NA MEO	0	0	0.0%	0	0	0	15,779	8,282	90.5%	0	0	0.0%	0	0	0.0%	37,755	28,063	34.5%
PETRO OUTRIGHT NA MFD	0	0	0.0%	0	0	0	0	60	-100.0%	0	0	0.0%	0	0	0.0%	0	256	-100.0%
PETRO OUTRIGHT NA MMF	0	0	0.0%	0	0	0	28	110	-74.5%	0	0	0.0%	0	0	0.0%	323	409	-21.0%
PETRO OUTRIGHT NA NYT	0	0	0.0%	0	0	0	0	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	4,240	388,526	-98.9%	0	0	0.0%	0	0	0.0%	264,125	655,566	-59.7%
PJM AD HUB 5MW REAL TIME Z9	0	0	0.0%	0	0	0	1,280	13,090	-90.2%	0	0	0.0%	0	0	0.0%	16,160	31,624	-48.9%
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	0	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	0	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	93,600	-100.0%	0	0	0.0%	0	0	0.0%	38,590	93,600	-58.8%
PJM COMED 5MW D AH PK D8	0	0	0.0%	0	0	0	0	5,100	-100.0%	0	0	0.0%	0	0	0.0%	2,125	5,100	-58.3%
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	9,555	-100.0%	0	0	0.0%	0	0	0.0%	211,995	13,305	1,493.3%

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 MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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 DAYTON DA PEAK	D7	0	0	0.0%	0	0	0	200	535	-62.6%	0	0	0.0%	0	0	0.0%	5,250	765	586.3%
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%
PJM NI HUB 5MW REAL TIME	B3	0	0	0.0%	0	0	0	4,620	4,138	11.6%	0	0	0.0%	0	0	0.0%	34,635	9,243	274.7%
PJM NI HUB 5MW REAL TIME	B6	0	0	0.0%	0	0	0	122,080	130,667	-6.6%	0	0	0.0%	0	0	0.0%	910,270	355,397	156.1%
PJM NILL DA OFF-PEAK	L3	0	0	0.0%	0	0	0	9,871	100,154	-90.1%	0	0	0.0%	0	0	0.0%	154,093	177,715	-13.3%
PJM NILL DA PEAK	N3	0	0	0.0%	0	0	0	514	5,521	-90.7%	0	0	0.0%	0	0	0.0%	16,882	7,848	115.1%
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 PEPKO 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	0	0.0%	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	0	0.0%	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	0	0	0.0%	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	0	0	0.0%	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	192,005	879,016	-78.2%	0	0	0.0%	0	0	0.0%	563,335	2,663,036	-78.8%
PJM WESTH RT PEAK	L1	0	0	0.0%	0	0	0	12,745	63,663	-80.0%	0	0	0.0%	0	0	0.0%	54,422	231,310	-76.5%
PLASTICS	PGP	0	0	0.0%	0	0	0	365	390	-6.4%	0	0	0.0%	0	0	0.0%	1,395	1,300	7.3%
PREMIUM UNLD 10P FOB MED	3G	0	0	0.0%	0	0	0	62	301	-79.4%	0	0	0.0%	0	0	0.0%	221	1,040	-78.8%
PREMIUM UNLEAD 10PPM FOB	8G	0	0	0.0%	0	0	0	5	15	-66.7%	0	0	0.0%	0	0	0.0%	21	108	-80.6%
PREM UNL GAS 10PPM RDAM F	7N	0	0	0.0%	0	0	0	7	0	0.0%	0	0	0.0%	0	0	0.0%	7	2	250.0%
PREM UNL GAS 10PPM RDAM F	7L	0	0	0.0%	0	0	0	11	78	-85.9%	0	0	0.0%	0	0	0.0%	32	110	-70.9%
PROPANE NON-LDH MB (OPIS)	1S	0	0	0.0%	0	0	0	520	0	0.0%	0	0	0.0%	0	0	0.0%	3,329	949	250.8%
PROPANE NON-LDH MT. BEL (O	1R	0	0	0.0%	0	0	0	10,035	8,098	23.9%	0	0	0.0%	0	0	0.0%	31,451	23,056	36.4%
RBOB CALENDAR SWAP	RL	0	0	0.0%	0	0	0	5,537	3,923	41.1%	0	0	0.0%	0	0	0.0%	22,141	14,771	49.9%
RBOB CRACK SPREAD	RM	0	0	0.0%	0	0	0	335	793	-57.8%	0	0	0.0%	0	0	0.0%	1,619	7,283	-77.8%
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	343	160	114.4%	0	0	0.0%	0	0	0.0%	1,942	2,176	-10.8%
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	-	-



### NYMEX/COMEX Exchange Volume Comparison Report - Monthly

		Open Outcry MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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																			
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	0	0.0%	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	1,475	856	72.3%	0	0	0.0%	0	0	0.0%	8,960	3,331	169.0%
ROCKIES KERN OPAL - NW IN	IR	0	0	0.0%	0	0	0	0	0	0.0%	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	1,040	-100.0%	0	0	0.0%	0	0	0.0%	0	9,656	-100.0%
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	60	0	0.0%	0	0	0.0%	0	0	0.0%	132	123	7.3%
SINGAPORE 380CST BALMO	BT	0	0	0.0%	0	0	0	158	375	-57.9%	0	0	0.0%	0	0	0.0%	540	451	19.7%
SINGAPORE 380CST FUEL OIL	SE	0	0	0.0%	0	0	0	11,812	7,651	54.4%	0	0	0.0%	0	0	0.0%	40,571	16,926	139.7%
SINGAPORE FUEL 180CST CAL	UA	0	0	0.0%	0	0	0	803	1,416	-43.3%	0	0	0.0%	0	0	0.0%	4,090	3,787	8.0%
SINGAPORE FUEL OIL SPREAD	SD	0	0	0.0%	0	0	0	706	720	-1.9%	0	0	0.0%	0	0	0.0%	2,915	1,168	149.6%
SINGAPORE GASOIL	MTB	0	0	0.0%	0	0	0	160	235	-31.9%	0	0	0.0%	0	0	0.0%	528	993	-46.8%
SINGAPORE GASOIL	MTS	0	0	0.0%	0	0	0	5,466	3,491	56.6%	0	0	0.0%	0	0	0.0%	16,460	9,231	78.3%
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	300	0	0.0%	0	0	0.0%	0	0	0.0%	400	0	0.0%
SINGAPORE GASOIL CALENDAR	MSG	0	0	0.0%	0	0	0	740	50	1,380.0%	0	0	0.0%	0	0	0.0%	1,174	97	1,110.3%
SINGAPORE GASOIL SWAP	SG	0	0	0.0%	0	0	0	15,419	1,323	1,065.5%	0	0	0.0%	0	0	0.0%	36,203	4,876	642.5%
SINGAPORE GASOIL VS ICE	GA	0	0	0.0%	0	0	0	17,429	1,275	1,267.0%	0	0	0.0%	0	0	0.0%	39,420	3,630	986.0%
SINGAPORE JET KERO BALMO	BX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	257	56	358.9%
SINGAPORE JET KERO GASOIL	RK	0	0	0.0%	0	0	0	2,115	1,025	106.3%	0	0	0.0%	0	0	0.0%	7,305	2,225	228.3%
SINGAPORE JET KEROSENE S	KS	0	0	0.0%	0	0	0	940	865	8.7%	0	0	0.0%	0	0	0.0%	4,644	1,740	166.9%
SINGAPORE JET KERO VS. GAS	ZO	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 UNLEADED	1P	0	0	0.0%	0	0	0	0	860	-100.0%	0	0	0.0%	0	0	0.0%	107	885	-87.9%
SINGAPORE MOGAS 92 UNLEADED	1N	0	0	0.0%	0	0	0	5,482	7,400	-25.9%	0	0	0.0%	0	0	0.0%	26,876	20,724	29.7%
SINGAPORE NAPHTHA BALMO	KU	0	0	0.0%	0	0	0	0	20	-100.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
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	15	0	0.0%	0	0	0.0%	0	0	0.0%	25	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	0	0.0%	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	1,496	515	190.5%	0	0	0.0%	0	0	0.0%	2,954	2,232	32.3%
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%

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 MAR 2017	Outcry MAR 2016	% CHG	MAR 2017	MAR 2016	% CHG	ClearPort MAR 2017	ClearPort MAR 2016	% CHG	Outcry Y.T.D 2017	Outcry Y.T.D 2016	% CHG	Y.T.D 2017	Y.T.D 2016	% CHG	ClearPort Y.T.D 2017	ClearPort Y.T.D 2016	% CHG
Energy Futures																			
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	0	0.0%	0	0	0.0%	0	0	0.0%	0	15	-100.0%
TCO BASIS SWAP	TC	0	0	0.0%	0	0	0	1,467	4,017	-63.5%	0	0	0.0%	0	0	0.0%	2,348	13,323	-82.4%
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	1,037	-100.0%	0	0	0.0%	0	0	0.0%	0	1,037	-100.0%
TENNESSEE 500 LEG BASIS S	NM	0	0	0.0%	0	0	0	428	0	0.0%	0	0	0.0%	0	0	0.0%	428	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%	0	428	-100.0%
TENNESSEE ZONE 0 BASIS SW	NQ	0	0	0.0%	0	0	0	0	428	-100.0%	0	0	0.0%	0	0	0.0%	0	788	-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	0	2,462	-100.0%	0	0	0.0%	0	0	0.0%	0	2,710	-100.0%
Tetco STX Basis	TX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	881	-100.0%
TEXAS EASTERN ZONE M-3 BA	NX	0	0	0.0%	0	0	0	856	6,054	-85.9%	0	0	0.0%	0	0	0.0%	7,547	24,803	-69.6%
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 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	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	490	-100.0%
TRANSCO ZONE4 BASIS SWAP	TR	0	0	0.0%	0	0	0	642	578	11.1%	0	0	0.0%	0	0	0.0%	5,488	6,650	-17.5%
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	0.0%
TRANSCO ZONE 6 BASIS SWAP	NZ	0	0	0.0%	0	0	0	302	2,187	-86.2%	0	0	0.0%	0	0	0.0%	2,870	3,458	-17.0%
TRANSCO ZONE 6 INDEX	IT	0	0	0.0%	0	0	0	0	2,230	-100.0%	0	0	0.0%	0	0	0.0%	856	2,834	-69.8%
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	0	30	25	20.0%	0	0	0.0%	0	0	0.0%	61	100	-39.0%
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	10	7	42.9%	0	0	0.0%	0	0	0.0%	10	7	42.9%
ULSD 10PPM CIF MED VS ICE	Z7	0	0	0.0%	0	0	0	0	48	-100.0%	0	0	0.0%	0	0	0.0%	6	75	-92.0%
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%	0	35	-100.0%
ULSD UP-DOWN BALMO SWP	1L	0	0	0.0%	0	0	0	3,835	3,675	4.4%	0	0	0.0%	0	0	0.0%	14,390	7,510	91.6%
UP DOWN GC ULSD VS NMX H	LT	0	0	0.0%	0	0	0	41,161	48,337	-14.8%	0	0	0.0%	0	0	0.0%	140,768	159,637	-11.8%
USGC UNL 87 CRACK SPREAD	RU	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	0	175	-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	0	1,928	-100.0%	0	0	0.0%	0	0	0.0%	731	11,731	-93.8%
WAHA INDEX SWAP FUTURE	IY	0	0	0.0%	0	0	0	0	840	-100.0%	0	0	0.0%	0	0	0.0%	0	1,460	-100.0%
WESTERN RAIL DELIVERY PRB	QP	0	0	0.0%	0	0	0	120	1,761	-93.2%	0	0	0.0%	0	0	0.0%	540	3,461	-84.4%
WTI-BRENT BULLET SWAP	BY	0	0	0.0%	0	0	0	200	0	0.0%	0	0	0.0%	0	0	0.0%	404	0	0.0%
WTI-BRENT CALENDAR SWAP	BK	0	0	0.0%	0	0	0	4,052	7,007	-42.2%	0	0	0.0%	0	0	0.0%	27,632	36,992	-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 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 MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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																			
WTI CALENDAR	CS	0	0	0.0%	0	0	0	32,679	35,891	-8.9%	0	78	-100.0%	0	0	0.0%	112,772	96,692	16.6%
WTS (ARGUS) VS WTI SWAP	FF	0	0	0.0%	0	0	0	3,705	425	771.8%	0	0	0.0%	0	0	0.0%	10,389	4,220	146.2%
WTS (ARGUS) VS WTI TRD MT	FH	0	0	0.0%	0	0	0	590	60	883.3%	0	0	0.0%	0	0	0.0%	2,410	1,565	54.0%
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	0.0%
APPALACHIAN COAL	6K	-	0	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	0	1,551	-100.0%	0	0	0.0%	0	0	0.0%	1,962	2,061	-4.8%
BRENT OIL LAST DAY	BE	0	0	0.0%	0	0	0	5,190	5,500	-5.6%	0	0	0.0%	0	0	0.0%	6,108	13,149	-53.5%
BRENT OIL LAST DAY	BZO	0	0	0.0%	2,382	1	2,381	17,000	400	4,150.0%	0	0	0.0%	13,537	1	1,353,600.0%	44,285	11,890	272.5%
BRENT OIL LAST DAY	OS	0	13	-100.0%	0	0	0	1,000	1,219	-18.0%	0	181	-100.0%	48	0	0.0%	1,000	5,298	-81.1%
COAL API2 INDEX	CLA	0	0	0.0%	0	0	0	1,240	7,600	-83.7%	0	0	0.0%	0	0	0.0%	3,886	26,225	-85.2%
COAL API2 INDEX	CQA	0	0	0.0%	0	0	0	510	19,900	-97.4%	0	0	0.0%	0	0	0.0%	580	64,209	-99.1%
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	500	-100.0%	0	0	0.0%	0	0	0.0%	0	1,200	-100.0%
COAL SWAP	CPF	0	0	0.0%	0	0	0	0	40	-100.0%	0	0	0.0%	0	0	0.0%	140	365	-61.6%
COAL SWAP	RPF	0	0	0.0%	0	0	0	45	0	0.0%	0	0	0.0%	0	0	0.0%	85	6	1,316.7%
CRUDE OIL 1MO	WA	0	0	0.0%	53,251	31,101	0.71	162,850	217,950	-25.3%	0	0	0.0%	71,383	42,488	68.0%	468,600	586,250	-20.1%
CRUDE OIL APO	AO	0	14	-100.0%	0	0	0	22,443	25,075	-10.5%	0	3,460	-100.0%	10	0	0.0%	97,680	62,083	57.3%
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	2,025	3,025	-33.1%	0	0	0.0%	0	0	0.0%	5,425	9,875	-45.1%
CRUDE OIL PHY	LC	0	2,029	-100.0%	9	0	0	44,860	33,714	33.1%	0	5,135	-100.0%	9	0	0.0%	97,040	164,885	-41.1%
CRUDE OIL PHY	LO	0	29,736	-100.0%	4,126,947	2,628,503	0.57	1,015,059	873,961	16.1%	0	107,452	-100.0%	8,736,620	8,843,089	-1.2%	2,132,817	2,932,098	-27.3%
CRUDE OIL PHY	LO1	0	0	0.0%	10,685	8,012	0.33	0	0	0.0%	0	0	0.0%	26,593	18,411	44.4%	0	0	0.0%
CRUDE OIL PHY	LO2	0	0	0.0%	15,902	7,040	1.26	0	200	-100.0%	0	0	0.0%	25,721	14,318	79.6%	150	200	-25.0%
CRUDE OIL PHY	LO3	0	0	0.0%	6,792	1,860	2.65	100	0	0.0%	0	0	0.0%	15,852	7,174	121.0%	200	0	0.0%
CRUDE OIL PHY	LO4	0	0	0.0%	7,834	1,843	3.25	0	0	0.0%	0	0	0.0%	26,278	11,379	130.9%	0	200	-100.0%
CRUDE OIL PHY	LO5	0	0	0.0%	13,633	0	0	0	0	0.0%	0	0	0.0%	13,633	6,885	98.0%	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%

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 MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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																			
ELEC FINSETTLED	PML	0	0	0.0%	0	0	0	0	44	-100.0%	0	0	0.0%	0	0	0.0%	0	74	-100.0%
ELEC MISO PEAK	9T	0	0	0.0%	0	0	0	820	0	0.0%	0	0	0.0%	0	0	0.0%	820	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	0	35	25	40.0%	0	0	0.0%	0	0	0.0%	50	25	100.0%
ETHANOL	CE3	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%	0	0	0.0%	300	25	1,100.0%
ETHANOL SWAP	CVR	0	0	0.0%	0	0	0	5,032	4,078	23.4%	0	0	0.0%	0	0	0.0%	16,312	14,054	16.1%
ETHANOL SWAP	GVR	0	0	0.0%	0	0	0	255	0	0.0%	0	0	0.0%	0	0	0.0%	255	218	17.0%
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	0	0.0%	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	872	-100.0%	0	0	0.0%	0	0	0.0%	0	872	-100.0%
HEATING OIL CRK SPD AVG PR	3W	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
HEATING OIL PHY	LB	0	0	0.0%	0	0	0	0	20	-100.0%	0	44	-100.0%	0	0	0.0%	900	60	1,400.0%
HEATING OIL PHY	OH	0	855	-100.0%	5,131	10,546	-0.51	24,535	46,791	-47.6%	0	2,896	-100.0%	13,524	25,693	-47.4%	65,634	145,305	-54.8%
HENRY HUB FINANCIAL LAST	E7	0	0	0.0%	0	0	0	2,754	1,184	132.6%	0	0	0.0%	0	0	0.0%	12,661	4,091	209.5%
HO 1 MONTH CLNDR OPTIONS	FA	0	0	0.0%	0	0	0	0	700	-100.0%	0	0	0.0%	0	0	0.0%	0	4,700	-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	1,800	1,200	50.0%	0	0	0.0%	0	0	0.0%	5,100	2,700	88.9%
MCCLOSKY ARA ARGS COAL	MTO	0	0	0.0%	0	0	0	540	1,230	-56.1%	0	0	0.0%	0	0	0.0%	540	5,790	-90.7%
MCCLOSKY RCH BAY COAL	MFO	0	0	0.0%	0	0	0	0	900	-100.0%	0	0	0.0%	0	0	0.0%	0	900	-100.0%
NATURAL GAS	G10	0	0	0.0%	0	0	0	0	0	0.0%	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	17,700	2,500	608.0%	0	200	-100.0%	0	0	0.0%	56,000	28,030	99.8%
NATURAL GAS 2 M CSO FIN	G2	0	0	0.0%	0	0	0	2,000	0	0.0%	0	0	0.0%	0	0	0.0%	2,750	1,000	175.0%
NATURAL GAS 3 M CSO FIN	G3	0	250	-100.0%	0	0	0	8,700	28,006	-68.9%	0	250	-100.0%	0	0	0.0%	13,900	35,807	-61.2%
NATURAL GAS 5 M CSO FIN	G5	0	0	0.0%	0	0	0	1,175	550	113.6%	0	0	0.0%	0	0	0.0%	3,225	550	486.4%
NATURAL GAS 6 M CSO FIN	G6	0	0	0.0%	0	0	0	20,120	350	5,648.6%	0	0	0.0%	0	0	0.0%	33,870	4,100	726.1%
NATURAL GAS OPTION ON CAL	6J	0	0	0.0%	0	0	0	3,160	2,100	50.5%	0	0	0.0%	0	0	0.0%	3,680	11,338	-67.5%
NATURAL GAS PHY	KD	0	0	0.0%	503	0	0	36,980	35,355	4.6%	0	0	0.0%	533	0	0.0%	89,180	98,556	-9.5%
NATURAL GAS PHY	LN	0	2,418	-100.0%	933,328	316,863	1.95	1,407,772	1,553,191	-9.4%	0	7,451	-100.0%	2,527,281	674,502	274.7%	4,733,508	5,271,489	-10.2%
NATURAL GAS PHY	ON	0	879	-100.0%	194,931	243,401	-0.2	4,442	6,375	-30.3%	0	4,347	-100.0%	653,490	799,346	-18.2%	24,731	28,385	-12.9%
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%

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		MAR	MAR		ClearPort	ClearPort		Outcry	Outcry		Y.T.D	Y.T.D		ClearPort	ClearPort	
Indicator		MAR	MAR	CHG	2017	2016	CHG	MAR 2017	MAR 2016	CHG	Y.T.D	Y.T.D	CHG	2017	2016	CHG	Y.T.D	Y.T.D	% CHG
		2017	2016								2017	2016					2017	2016	
Energy Options																			
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	450	720	-37.5%	0	0	0.0%	0	0	0.0%	1,056	720	46.7%
NY HARBOR HEAT OIL SWP	AT	0	162	-100.0%	35	0	0	2,469	3,682	-32.9%	0	671	-100.0%	184	0	0.0%	8,869	20,909	-57.6%
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%	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%
PANHANDLE PIPE SWAP	PU	0	-	-	0	-		2,880	-	-	0	-	-	0	-	-	2,880	-	-
PETROCHEMICALS	4H	0	0	0.0%	0	0	0	347	1,980	-82.5%	0	0	0.0%	0	0	0.0%	1,782	4,790	-62.8%
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	150	-66.7%	0	0	0.0%	0	0	0.0%	1,925	1,950	-1.3%
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	0	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	220	0	0.0%	0	0	0.0%	0	0	0.0%	2,060	140	1,371.4%
PJM WES HUB PEAK CAL MTH	JOA	0	0	0.0%	0	0	0	0	2,100	-100.0%	0	0	0.0%	0	0	0.0%	0	10,300	-100.0%
PJM WES HUB PEAK LMP 50MW	PMA	0	0	0.0%	0	0	0	1,710	1,200	42.5%	0	0	0.0%	0	0	0.0%	8,167	1,200	580.6%
RBOB 1MO CAL SPD OPTIONS	ZA	0	-	-	0	-		0	-	-	0	-	-	0	-	-	0	-	-
RBOB CALENDAR SWAP	RA	0	0	0.0%	0	0	0	105	0	0.0%	0	48	-100.0%	0	0	0.0%	1,565	1,125	39.1%
RBOB PHY	OB	0	2,484	-100.0%	8,085	12,305	-0.34	16,187	32,253	-49.8%	0	5,322	-100.0%	17,099	26,681	-35.9%	40,619	104,946	-61.3%
RBOB PHY	RF	0	0	0.0%	0	0	0	0	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	240	-100.0%	0	0	0.0%	0	0	0.0%	0	280	-100.0%
SAN JUAN PIPE SWAP	PJ	0	0	0.0%	0	0	0	270	0	0.0%	0	0	0.0%	0	0	0.0%	630	0	0.0%
SHORT TERM	U11	0	0	0.0%	0	0	0	0	225	-100.0%	0	0	0.0%	0	0	0.0%	770	1,150	-33.0%
SHORT TERM	U12	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	595	1,430	-58.4%
SHORT TERM	U13	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	925	1,500	-38.3%
SHORT TERM	U14	0	0	0.0%	0	0	0	100	750	-86.7%	0	0	0.0%	0	0	0.0%	800	1,825	-56.2%
SHORT TERM	U15	0	0	0.0%	0	0	0	575	350	64.3%	0	0	0.0%	0	0	0.0%	1,615	1,200	34.6%
SHORT TERM	U22	0	0	0.0%	0	0	0	200	650	-69.2%	0	0	0.0%	0	0	0.0%	450	1,450	-69.0%
SHORT TERM	U23	0	0	0.0%	0	0	0	250	150	66.7%	0	0	0.0%	0	0	0.0%	620	300	106.7%
SHORT TERM	U24	0	0	0.0%	0	0	0	200	550	-63.6%	0	0	0.0%	0	0	0.0%	500	550	-9.1%

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	Open		ELEC	ELEC	%	CME	CME	%	Open	Open	%	ELEC	ELEC	%	CME	CME	
Commodity		Outcry	Outcry	%	MAR	MAR	CHG	ClearPort	ClearPort	CHG	Outcry	Outcry	CHG	Y.T.D	Y.T.D	CHG	ClearPort	ClearPort	%
Indicator		MAR	MAR		2017	2016		MAR 2017	MAR 2016		Y.T.D	Y.T.D		2017	2016		Y.T.D	Y.T.D	
		2017	2016								2017	2016							
<b>Energy Options</b>																			
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	0	0.0%	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	0	550	-100.0%	0	0	0.0%	0	0	0.0%	725	2,075	-65.1%
SHORT TERM NATURAL GAS	U02	0	0	0.0%	0	0	0	265	1,175	-77.4%	0	0	0.0%	0	0	0.0%	855	2,175	-60.7%
SHORT TERM NATURAL GAS	U03	0	0	0.0%	0	0	0	140	200	-30.0%	0	0	0.0%	0	0	0.0%	890	300	196.7%
SHORT TERM NATURAL GAS	U04	0	0	0.0%	0	0	0	0	275	-100.0%	0	0	0.0%	0	0	0.0%	75	1,075	-93.0%
SHORT TERM NATURAL GAS	U05	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	800	-93.8%
SHORT TERM NATURAL GAS	U06	0	0	0.0%	0	0	0	1,175	0	0.0%	0	0	0.0%	0	0	0.0%	3,900	730	434.2%
SHORT TERM NATURAL GAS	U07	0	0	0.0%	0	0	0	425	0	0.0%	0	0	0.0%	0	0	0.0%	1,175	2,000	-41.3%
SHORT TERM NATURAL GAS	U08	0	0	0.0%	0	0	0	0	250	-100.0%	0	0	0.0%	0	0	0.0%	1,850	1,000	85.0%
SHORT TERM NATURAL GAS	U09	0	0	0.0%	0	0	0	215	300	-28.3%	0	0	0.0%	0	0	0.0%	1,380	1,347	2.4%
SHORT TERM NATURAL GAS	U10	0	0	0.0%	0	0	0	1,150	2,415	-52.4%	0	0	0.0%	0	0	0.0%	3,400	2,715	25.2%
SHORT TERM NATURAL GAS	U16	0	0	0.0%	0	0	0	100	725	-86.2%	0	0	0.0%	0	0	0.0%	400	1,285	-68.9%
SHORT TERM NATURAL GAS	U17	0	0	0.0%	0	0	0	150	100	50.0%	0	0	0.0%	0	0	0.0%	1,155	380	203.9%
SHORT TERM NATURAL GAS	U18	0	0	0.0%	0	0	0	0	600	-100.0%	0	0	0.0%	0	0	0.0%	0	875	-100.0%
SHORT TERM NATURAL GAS	U19	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	805	780	3.2%
SHORT TERM NATURAL GAS	U20	0	0	0.0%	0	0	0	100	0	0.0%	0	0	0.0%	0	0	0.0%	1,475	530	178.3%
SHORT TERM NATURAL GAS	U21	0	0	0.0%	0	0	0	400	100	300.0%	0	0	0.0%	0	0	0.0%	415	425	-2.4%
SHORT TERM NATURAL GAS	U27	0	0	0.0%	0	0	0	25	0	0.0%	0	0	0.0%	0	0	0.0%	1,750	0	0.0%
SHORT TERM NATURAL GAS	U28	0	0	0.0%	0	0	0	0	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	250	500	-50.0%	0	0	0.0%	0	0	0.0%	660	500	32.0%
SHORT TERM NATURAL GAS	U31	0	0	0.0%	0	0	0	2,955	750	294.0%	0	0	0.0%	0	0	0.0%	3,385	750	351.3%
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	0	0.0%	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%	1,000	0	0	38,600	19,275	100.3%	0	0	0.0%	3,540	0	0.0%	156,320	100,090	56.2%
WTI CRUDE OIL 1 M CSO FI	7A	0	0	0.0%	0	6,000	-1	71,700	227,050	-68.4%	0	0	0.0%	0	6,417	-100.0%	172,100	603,055	-71.5%

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

**NYMEX/COMEX Exchange Volume Comparison Report - Monthly**

Commodity Indicator		Open Outcry MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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
<b>Metals Futures</b>																			
COMEX GOLD	GC	0	18,973	-100.0%	5,915,268	5,463,079	0.08	204,099	136,183	49.9%	0	40,706	-100.0%	15,922,822	13,466,336	18.2%	567,666	381,568	48.8%
NYMEX HOT ROLLED STEEL	HR	0	0	0.0%	146	289	-0.49	2,751	3,876	-29.0%	0	0	0.0%	576	1,329	-56.7%	10,692	13,119	-18.5%
NYMEX PLATINUM	PL	0	0	0.0%	497,076	399,478	0.24	18,517	6,441	187.5%	0	16	-100.0%	1,111,816	917,751	21.1%	36,289	20,074	80.8%
PALLADIUM	PA	0	3	-100.0%	93,444	88,540	0.06	4,864	4,160	16.9%	0	63	-100.0%	335,213	318,249	5.3%	16,702	10,870	53.7%
URANIUM	UX	0	0	0.0%	402	719	-0.44	342	2,400	-85.8%	0	0	0.0%	412	719	-42.7%	1,882	3,200	-41.2%
COMEX SILVER	SI	0	993	-100.0%	1,468,545	1,182,303	0.24	27,340	11,738	132.9%	0	3,753	-100.0%	4,615,559	3,746,578	23.2%	103,684	55,209	87.8%
COMEX E-Mini GOLD	QO	0	0	0.0%	10,981	13,553	-0.19	0	0	0.0%	0	0	0.0%	31,007	29,669	4.5%	0	0	0.0%
COMEX E-Mini SILVER	QI	0	0	0.0%	860	846	0.02	0	0	0.0%	0	0	0.0%	2,686	2,190	22.6%	0	0	0.0%
COMEX COPPER	HG	0	396	-100.0%	1,798,174	1,585,303	0.13	24,790	4,562	443.4%	0	443	-100.0%	5,769,179	4,618,839	24.9%	98,919	12,469	693.3%
COMEX MINY COPPER	QC	0	0	0.0%	1,030	1,281	-0.2	0	0	0.0%	0	0	0.0%	2,824	2,302	22.7%	0	0	0.0%
Aluminium MW Trans Prem Platts	AUP	0	0	0.0%	159	275	-0.42	5,134	7,635	-32.8%	0	0	0.0%	807	1,544	-47.7%	28,980	18,078	60.3%
ALUMINUM	A38	0	-	-	0	-		0	-	-	0	-	-	0	-	-	30	-	-
ALUMINUM	AEP	0	0	0.0%	40	1,599	-0.97	1,524	334	356.3%	0	0	0.0%	40	1,863	-97.9%	14,014	1,421	886.2%
ALUMINUM	ALA	0	-	-	0	-		100	-	-	0	-	-	0	-	-	100	-	-
ALUMINUM	ALI	0	0	0.0%	528	683	-0.23	180	0	0.0%	0	0	0.0%	3,194	1,615	97.8%	620	0	0.0%
ALUMINUM	EDP	0	0	0.0%	0	0	0	600	96	525.0%	0	0	0.0%	2	0	0.0%	600	96	525.0%
ALUMINUM	MJP	0	0	0.0%	0	94	-1	1,614	242	566.9%	0	0	0.0%	10	645	-98.4%	4,648	1,494	211.1%
COPPER	HGS	0	0	0.0%	0	0	0	141	60	135.0%	0	0	0.0%	0	0	0.0%	616	557	10.6%
E-MICRO GOLD	MGC	0	0	0.0%	99,109	107,614	-0.08	0	0	0.0%	0	0	0.0%	260,257	263,232	-1.1%	0	0	0.0%
FERROUS PRODUCTS	BUS	0	0	0.0%	15	0	0	0	0	0.0%	0	0	0.0%	35	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%	323	5,405	-0.94	0	0	0.0%	0	0	0.0%	1,401	20,455	-93.2%	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	300	780	-61.5%	0	0	0.0%	0	0	0.0%	1,292	1,190	8.6%
IRON ORE 62 CHINA TSI FUTUR	TIO	0	0	0.0%	567	1,897	-0.7	12,548	22,945	-45.3%	0	0	0.0%	1,228	2,607	-52.9%	31,449	67,418	-53.4%
LNDN ZINC	ZNC	0	0	0.0%	0	0	0	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%	4,468	6,727	-0.34	0	0	0.0%	0	0	0.0%	15,047	20,662	-27.2%	0	0	0.0%



NYMEX/COMEX Exchange Volume Comparison Report - Monthly

Commodity Indicator		Open Outcry MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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	38	-100.0%	3,888	1,831	1.12	240	0	0.0%	0	900	-100.0%	9,264	4,507	105.5%	2,679	296	805.1%
COMEX GOLD	OG	0	90,202	-100.0%	738,482	649,168	0.14	187,904	155,500	20.8%	0	291,382	-100.0%	1,822,564	2,021,630	-9.8%	527,675	497,051	6.2%
COMEX SILVER	SO	0	10,913	-100.0%	111,498	88,180	0.26	18,153	9,064	100.3%	0	23,528	-100.0%	264,357	266,848	-0.9%	40,519	20,974	93.2%
COPPER	H4E	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
GOLD	OG1	0	0	0.0%	2,619	1,567	0.67	0	0	0.0%	0	26	-100.0%	7,275	3,320	119.1%	0	100	-100.0%
GOLD	OG2	0	0	0.0%	2,992	1,360	1.2	100	0	0.0%	0	150	-100.0%	6,724	2,882	133.3%	300	950	-68.4%
GOLD	OG3	0	0	0.0%	3,813	1,161	2.28	400	0	0.0%	0	0	0.0%	8,381	2,446	242.6%	1,160	100	1,060.0%
GOLD	OG4	0	0	0.0%	1,260	165	6.64	0	0	0.0%	0	0	0.0%	2,766	1,387	99.4%	0	0	0.0%
GOLD	OG5	0	0	0.0%	2,608	0	0	0	0	0.0%	0	200	-100.0%	2,608	456	471.9%	0	100	-100.0%
IRON ORE 62 CHINA TSI CALL C	ICT	0	0	0.0%	0	0	0	1,500	19,355	-92.3%	0	0	0.0%	0	0	0.0%	4,582	26,395	-82.6%
IRON ORE 62 CHINA TSI PUT O	ICT	0	0	0.0%	0	0	0	6,840	5,370	27.4%	0	0	0.0%	0	0	0.0%	12,225	10,290	18.8%
NYMEX PLATINUM	PO	0	177	-100.0%	354	752	-0.53	858	2,375	-63.9%	0	1,077	-100.0%	1,619	1,851	-12.5%	6,139	11,175	-45.1%
PALLADIUM	PAO	0	10	-100.0%	645	230	1.8	1,450	3,950	-63.3%	0	260	-100.0%	2,085	420	396.4%	6,810	9,875	-31.0%
SILVER	SO1	0	0	0.0%	28	0	0	0	0	0.0%	0	0	0.0%	112	12	833.3%	0	0	0.0%
SILVER	SO2	0	0	0.0%	98	1	97	0	0	0.0%	0	0	0.0%	140	1	13,900.0%	0	0	0.0%
SILVER	SO3	0	0	0.0%	8	5	0.6	0	0	0.0%	0	0	0.0%	180	5	3,500.0%	0	0	0.0%
SILVER	SO4	0	0	0.0%	5	0	0	0	0	0.0%	0	0	0.0%	36	8	350.0%	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%	35	100	-65.0%	0	0	0.0%	0	0	0.0%	71	1,216	-94.2%	0	0	0.0%
Energy Futures		0	4,052	-100.0%	44,533,001	38,549,652	15.5%	3,719,759	5,268,362	-29.4%	0	14,400	-100.0%	121,636,582	116,947,501	4.0%	12,456,111	15,841,780	-21.4%
Metals Futures		0	20,365	-100.0%	9,891,135	8,859,685	11.6%	304,844	201,452	51.3%	0	44,981	-100.0%	28,074,135	23,416,664	19.9%	918,333	586,763	56.5%
TOTAL FUTURES		0	24,417	-100.0%	54,424,171	47,409,437	14.8%	4,024,603	5,469,814	-26.4%	0	59,381	-100.0%	149,710,788	140,365,381	6.7%	13,374,444	16,428,543	-18.6%
TOTAL OPTIONS GROUP																			
Energy Options		0	38,840	-100.0%	5,380,448	3,267,475	64.7%	2,953,905	3,175,396	-7.0%	0	137,707	-100.0%	12,145,335	10,476,384	15.9%	8,372,507	10,431,325	-19.7%
Metals Options		0	101,340	-100.0%	868,298	744,420	16.6%	217,445	195,614	11.2%	0	317,523	-100.0%	2,128,111	2,305,778	-7.7%	602,089	577,306	4.3%
TOTAL OPTIONS		0	140,180	-100.0%	6,248,746	4,011,895	55.8%	3,171,350	3,371,010	-5.9%	0	455,230	-100.0%	14,273,446	12,782,162	11.7%	8,974,596	11,008,631	-18.5%

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 MAR 2017	Open Outcry MAR 2016	% CHG	ELEC MAR 2017	ELEC MAR 2016	% CHG	CME ClearPort MAR 2017	CME ClearPort MAR 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%	35	100	-65.0%	0	0	0.0%	0	0	0.0%	71	1,216	-94.2%	0	0	0.0%
Energy	0	42,892	-100.0%	49,913,449	41,817,127	19.4%	6,673,664	8,443,758	-21.0%	0	152,107	-100.0%	133,781,917	127,423,885	5.0%	20,828,618	26,273,105	-20.7%
Metals	0	121,705	-100.0%	10,759,433	9,604,105	12.0%	522,289	397,066	31.5%	0	362,504	-100.0%	30,202,246	25,722,442	17.4%	1,520,422	1,164,069	30.6%
GRAND TOTAL	0	164,597	-100.0%	60,672,917	51,421,332	18.0%	7,195,953	8,840,824	-18.6%	0	514,611	-100.0%	163,984,234	153,147,543	7.1%	22,349,040	27,437,174	-18.5%