



CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000



FINAL

PG40 BULLETIN #222@ NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS Thu, Nov 16, 2017 PG40

INDIVIDUAL CONTRACT PRICE DATA FOR OPEN, HIGH, LOW, CLOSE AND SETTLEMENT PLUS CLEARED VOLUME FIGURES REFLECT CME REGULAR TRADING HOURS SESSION ONLY. RTH VOLUME REFLECTS PIT TRADING AND CASH-FOR-FUTURES ONLY. VOLUME OR OPEN INTEREST (BOTH BEFORE AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: CASH FOR FUTURES, SPREADS, PRIOR DAYS' CLEARED TRADES (OUT-TRADES), POSITION ADJUSTMENTS, OPTIONS EXERCISES, POSITIONS IN DELIVERY, OR POSITIONS IN A CASH SETTLEMENT CYCLE. B=BID A=ASK N=NOMINAL P=POST SETTLEMENT SESSION #=NEW CONTRACT HIGH PRICE *=NEW CONTRACT LOW PRICE R=RECORD VOL OR OPN INT. SETTLEMENT PRICE DETERMINED BY CME RULE 813. B=BID A=ASK N=NOMINAL P=POST SETTLEMENT CAB(CABINET TRANSACTION) 1/2 TICK VALUE = NASDAQ 100 = \$2.50. PRODUCT LISTINGS REPRESENT CONTRACTS WITH PRICE/VOLUME ACTIVITY AND/OR HAVE ESTABLISHED OPEN INTEREST. PRODUCTS ELIGIBLE TO TRADE BUT ARE INACTIVE DO NOT APPEAR IN THIS REPORT.

NASDAQ 100 AND E-MINI NASDAQ 100 CONTRACTS LAST TRADE DATES

EXPIRATION:	DEC17	MAR18	JUN18	SEP18
E-MINI NASDAQ FUT	12/15	03/16	06/15	
E-MINI NASDAQ OPT	12/15	03/16	06/15	09/21

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS ON FUTURES

ELIGIBLE OPTIONS SERIES (CALLS & PUTS) FOR TRADING: THU, NOV 16				
DEC17	MAR18	JUN18	SEP18	
QZ 3430-7000	3730-7000	3900-7000	4120-7000	

EMINI NASD FUT																
DEC17	6264.50		#6358.50	6260.75	6341.00	+	7475	9565	330129	292214	+	9460	6358.50	4558.50A		
MAR18	6281.00		#6374.00B	6278.00A	6357.00	+	7475	----	952	2452	+	10	6374.00B	4897.50A		
JUN18	6309.50		#6382.50	6309.50	6366.75	+	7475	----	70	149	+	18	6382.50	5350.75A		
DEC18	----		6366.25B	----	6387.25	+	7475	----	----	6		UNCH	6375.50	5917.25A		
TOTAL EMINI NASD FUT											9565	331151	294821	+	9488	
RTY FUT																
DEC17	1463.80		1492.60	1462.10	1486.00	+	2220	4620	129420	542707	+	1705	1518.00	1348.40A		
MAR18	1466.60		1493.20B	1463.60A	1487.00	+	2220	----	109	1187	+	102	1517.40B	1440.00A		
TOTAL RTY FUT											14185	460680	543894	+	11295	

ADDITIONAL NASDAQ 100 FUTURES

	GLOBAL OPEN	GLOBAL HIGH	GLOBAL LOW	SETT. PRICE & PT. CHGE	RTH VOLUME	GLOBAL VOLUME	OPEN INTEREST	--CONTRACT-- HIGH	LOW
EI FUT									
DEC17	545.60	548.60B	545.00A	543.70 + 600	----	15	20	UNCH555.40B	525.10A
TOTAL EI FUT					0	15	20.00		
ENY FUT									
DEC17	22550.00	22600.00B	22000.00A	22585.00 + 48500	----	1	15 +	123410.00B	19100.00A
TOTAL ENY FUT					0	1	15.00 +	1	
FT1 FUT									
DEC17	7372.00	7390.50B	7361.50A	7390.00 + 2350	----	40	185 +	17549.50B	7154.00A
TOTAL FT1 FUT					0	40	185.00 +	1	
FT5 FUT									
DEC17	20345.00	20720.00B	20290.00A	20650.00 + 36000	----	136	210 -	4420880.00B	19090.00
TOTAL FT5 FUT					0	136	210.00 -	44	
FTU FUT									
DEC17	1050.40	1056.40B	1049.90A	1054.40 + 470	----	23		UNCH1085.20B	1046.90A
TOTAL FTU FUT					0	23	0.00		
II FUT									
NOV17	----	----	----	10293.00 + 16550	----	459	480 -	592----	----
TOTAL II FUT					0	459	480.00 -	592	
RS1 FUT									
DEC17	1427.40	1434.90B	1427.10A	1432.80 + 1130	----	241	8214 -	221437.50	1361.30
TOTAL RS1 FUT					0	241	214.00 -	22	
RSG FUT									
DEC17	1311.90	1320.10B	1311.90	1318.30 + 1320	----	163	9419 -	291320.20B	1237.40A
TOTAL RSG FUT					0	163	419.00 -	29	
RSV FUT									
DEC17	1168.50	1174.00B	1168.40A	1171.70 + 760	4425	162	13019 -	11761187.30B	1126.80A
TOTAL RSV FUT					4425	162	1019.00 -	1176	
SDA FUT									
DEC17	----	----	----	49.000 + 50	----	----	7936	UNCH49.750B	44.100
DEC18	----	----	----	52.700 + UNCH	----	----	28283	UNCH53.300	44.000A
DEC19	54.850	54.900	54.850	54.900 + 250	200	40	25791 +	24056.450	43.950A
DEC20	----	56.950B	----	57.000 + 400	----	----	21193	UNCH58.550B	43.900A
DEC21	----	58.750B	----	58.750 + 550	----	----	7421	UNCH60.550B	44.150A
DEC22	----	60.250B	----	60.350 + 550	----	----	3030	UNCH62.500B	56.400A
DEC23	----	61.750B	----	61.850 + 600	----	----	1340	UNCH64.500B	57.800A
DEC24	----	63.250B	----	63.400 + 550	----	----	3320	UNCH66.800B	59.800A
DEC25	----	64.550B	----	64.700 + 450	----	----	800	UNCH68.500	60.650A
DEC26	----	66.100B	----	66.250 + 400	----	----	1020	UNCH70.700	62.150A
DEC27	----	67.700B	----	67.800 + 500	----	----	881	UNCH72.800B	63.900A
TOTAL SDA FUT					200	40	1015.00 +	240	
SDI FUT									
DEC17	----	----	----	12.250 + UNCH	----	----	60	UNCH12.330B	12.150A
JUN18	----	----	----	12.700 + UNCH	----	----	100	UNCH12.950	12.750A
TOTAL SDI FUT					0	0	160.00		
TRI FUT									
DEC17	----	----	----	5035.00 + 4250	----	----	16690	UNCH----	----
MAR18	----	----	----	5055.00 + 4250	----	----	15403	UNCH----	----
JUN18	----	----	----	5091.00 + 4250	----	----	10875	UNCH----	----
SEP18	----	----	----	5113.50 + 4250	----	----	5000	UNCH----	----
TOTAL TRI FUT					0	0	1968.00		

NASDAQ 100 WEEKLY-1 CALLS

STRIKE	OPEN	RANGE	HIGH	LOW	CLOSING RANGE	SETT. PRICE & PT. CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	--CONTRACT-- HIGH	LOW
DEC17						(FUTURES SETT. .00)						
5820	----		#537.50B	----	----	524.50+ 7125	.972	----	----	1	UNCH	537.50B 392.75A
5890	----		#468.25B	----	----	455.25+ 7025	.964	----	----	1	UNCH	468.25B 328.00A
6050	----		#311.25B	----	----	298.75+ 6500	.925	----	----	3	UNCH	311.25B 192.75A
6160	188.00		207.25B	188.00	----	195.75+ NEW	.852	----	3	3 +	3	208.50B 114.25A
6170	----		198.00B	----	----	187.00+ 5550	.842	----	----	1	UNCH	199.75B 108.25A
6190	----		180.25B	----	----	169.25+ 5325	.819	----	----	7	UNCH	183.00B 97.00A
6200	----		171.25B	----	----	160.50+ 5175	.807	----	----	7	UNCH	174.50B 91.25A
6220	----		154.00B	----	----	143.50+ 4900	.778	----	----	93	UNCH	158.25B 78.50A
6230	127.25		145.25B	127.25	----	135.00+ 4725	.762	----	3	4 +	2	150.25B 72.50A
6240	----		137.00B	----	----	127.00+ 4575	.745	----	----	1	UNCH	142.50B 66.75A
6250	----		128.75B	----	----	118.75+ 4400	.727	----	----	7	UNCH	134.75B 61.25A
6260	----		120.25B	----	----	111.00+ 4225	.708	----	1	51	UNCH	127.25B 56.00A
6280	----		104.50B	----	----	95.75+ 3850	.665	----	101	93 +	68	112.75B 46.25A
6300	85.00		89.50B	83.00A	----	81.50+ 3450	.617	----	1	1	UNCH	99.00B 37.50A
6310	----		82.25B	----	----	74.50+ 3225	.591	----	2	2	UNCH	92.50B 33.50A
6320	----		76.00B	----	----	68.00+ 3025	.564	----	----	1	UNCH	86.00B 30.00A
6340	45.50		63.75B	44.50	----	55.75+ 2600	.507	----	4	7 +	1	74.00B 23.25A
6350	54.00		57.50B	49.00	----	50.00+ 2375	.476	----	3	3	UNCH	68.25B 20.50A
6360	----		51.50B	----	----	44.50+ 2150	.445	----	----	6	UNCH	62.75B 18.00A
6380	17.25		41.00B	17.25	----	34.75+ 1750	.382	----	2	1	UNCH	52.50B 13.75A

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Table with columns: PG40 BULLETIN #222@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, Nov 16, 2017, PG40. Rows include contract details like 6400, 6410, 6420, etc.

E-MINI NASDAQ 100 WEEKLY-2 CALLS

Table with columns: STRIKE, OPEN, RANGE, HIGH, LOW, CLOSING, RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Rows include contract details like 5440, 6050, 6210, etc.

E-MINI NASDAQ 100 WEEKLY-4 CALLS

Table with columns: STRIKE, OPEN, RANGE, HIGH, LOW, CLOSING, RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW. Rows include contract details like 5960, 6040, 6070, etc.

Table with columns: E-MINI NASDAQ 100 CALL, E-MINI NASDAQ 100 CALL, (FUTURES SETT. .00), 6341.00 +, 7475.0. Rows include contract details like 4510, 4660, 4730, etc.

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PG40	BULLETIN #222@	NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS								Thu, Nov 16, 2017		PG40	
5850	500.00	#514.25B	500.00	----	502.25+	6675	.930	----	2	23 -	1	514.25B	49.50A
5860	----	#504.50B	----	----	492.75+	6650	.928	----	----	6	UNCH	504.50B	48.75A
5870	----	#495.00B	----	----	483.25+	6625	.925	----	----	1	UNCH	495.00B	47.50A
5880	----	#485.50B	----	----	473.50+	6600	.922	----	----	11	UNCH	485.50B	46.00A
5890	----	#475.50B	----	----	464.00+	6575	.919	----	----	5	UNCH	475.50B	44.75A
5900	----	#466.25B	----	----	454.50+	6550	.917	----	----	294	UNCH	466.25B	43.50A
5910	----	#456.50B	----	----	445.00+	6500	.914	----	----	5	UNCH	456.50B	42.25A
5920	----	#447.00B	----	----	435.50+	6475	.911	----	----	8	UNCH	447.00B	41.00A
5930	----	#437.50B	----	----	426.00+	6425	.907	----	----	8	UNCH	437.50B	40.00A
5940	----	#428.00B	----	----	416.50+	6400	.904	----	----	1	UNCH	428.00B	40.00A
5950	408.25	#418.50B	407.75A	----	407.00+	6350	.900	----	1	44	UNCH	418.50B	38.75A
5960	----	#409.00B	----	----	397.50+	6300	.896	----	----	11	UNCH	409.00B	39.50A
5970	----	#399.50B	----	----	388.25+	6275	.892	----	----	5	UNCH	399.50B	38.25A
5980	----	#390.00B	----	----	378.75+	6225	.889	----	----	10	UNCH	390.00B	37.00A
5990	----	#381.00B	----	----	369.50+	6175	.884	----	----	10	UNCH	381.00B	36.00A
6000	351.00	#371.50B	351.00	----	360.00+	6100	.879	----	7	800	UNCH	371.50B	20.00
6010	----	#362.00B	----	----	350.75+	6050	.875	----	----	23	UNCH	362.00B	33.75A
6020	335.50	#352.75B	335.50	----	341.50+	6000	.870	----	5	27 -	5	352.75B	32.75A
6030	----	#343.75B	----	----	332.25+	5950	.865	----	----	5	UNCH	343.75B	31.75A
6040	----	#334.50B	----	----	323.00+	5875	.860	----	----	94	UNCH	334.50B	35.50A
6050	----	#325.00B	----	----	313.75+	5800	.855	----	----	167	UNCH	325.00B	34.25A
6060	----	#316.00B	----	----	304.75+	5750	.848	----	1	8 +	1	316.00B	33.00A
6070	----	#307.00B	----	----	295.50+	5650	.843	----	46	353	UNCH	307.00B	34.50A
6080	----	#298.00B	----	----	286.50+	5600	.836	----	----	56	UNCH	298.00B	33.25A
6090	----	#289.00B	----	----	277.50+	5500	.829	----	----	92	UNCH	289.00B	32.25A
6100	260.00	#280.25B	260.00	----	268.50+	5425	.822	----	12	456 +	1	280.25B	31.00A
6110	----	#271.25B	----	----	259.50+	5325	.815	----	----	112	UNCH	271.25B	30.50A
6120	----	262.50B	----	----	250.75+	5250	.807	----	----	10	UNCH	262.50B	29.75A
6130	----	253.75B	----	----	242.00+	5150	.799	----	----	135	UNCH	254.00B	28.75A
6140	----	244.75B	----	----	233.25+	5050	.790	----	----	10	UNCH	245.50B	27.75A
6150	225.00	236.50B	225.00	----	224.75+	4975	.782	----	1	356	UNCH	237.25B	26.00
6160	----	228.00B	----	----	216.00+	4850	.772	----	----	29	UNCH	229.25B	25.75A
6170	----	219.25B	----	----	207.75+	4775	.762	----	----	101	UNCH	221.00B	25.00A
6180	----	211.00B	----	----	199.25+	4650	.751	----	----	76	UNCH	213.00B	24.00A
6190	----	202.75B	----	----	191.25+	4575	.740	----	----	106	UNCH	205.00B	23.25A
6200	190.50	194.25B	187.25A	----	183.00+	4450	.728	----	1	404 +	1	197.25B	21.00
6210	----	186.25B	----	----	175.00+	4325	.716	----	----	427	UNCH	189.50B	21.75A
6220	----	178.25B	----	----	167.25+	4225	.704	----	----	11	UNCH	182.00B	21.00A
6230	----	170.25B	----	----	159.50+	4125	.690	----	----	60	UNCH	174.50B	20.25A
6240	----	162.50B	----	----	152.00+	4025	.676	----	----	105	UNCH	167.00B	19.50A
6250	154.00	154.75B	148.25A	----	144.75+	3925	.662	----	79	195 +	42	160.00	18.75A
6260	125.00	147.25B	125.00	----	137.50+	3825	.647	----	2	68	UNCH	152.75B	17.75A
6270	----	139.75B	----	----	130.50+	3725	.631	----	1	32	UNCH	145.75B	16.25A
6280	----	132.50B	----	----	123.75+	3625	.615	----	2	199 -	1	138.75B	14.75A
6290	----	125.50B	----	----	117.25+	3550	.598	----	2	84 -	1	132.00B	13.50A
6300	79.00	118.50B	79.00	----	110.75+	3450	.581	----	213	512 +	46	125.75	7.75A
6310	87.00	112.00B	86.00A	----	104.25+	3325	.563	----	7	94 +	2	119.00B	11.25A
6320	73.50	105.75	73.50	----	98.00+	3200	.545	----	122	156 +	91	112.75B	10.25A
6330	80.50	98.75B	80.50	----	92.00+	3100	.527	----	3	163	UNCH	106.75B	9.50A
6340	----	92.50B	----	----	86.00+	2950	.508	----	1	310 +	1	100.75B	8.75A
6350	61.75	86.25B	61.75	----	80.00+	2800	.489	----	65	300 +	15	96.25B	8.00A
6360	71.50	80.25B	70.50A	----	74.25+	2650	.469	----	13	17 +	9	89.25B	7.25A
6370	62.00	75.25	62.00	----	68.50+	2475	.449	----	206	215 -	192	83.75B	6.50A
6380	45.00	69.00B	45.00	----	63.00+	2325	.428	----	35	232 +	15	78.50B	6.00A
6390	63.00	63.75B	58.00A	----	58.00+	2175	.408	----	2	40 +	2	73.50B	5.50A
6400	44.00	58.75B	43.50	----	53.00+	2025	.386	----	19	623 +	1	68.50B	4.90A
6410	50.25	53.75B	49.75A	----	48.50+	1875	.365	----	3	51 +	1	64.00B	4.45A
6420	35.00	49.25B	34.00A	----	44.25+	1750	.344	----	204	408 +	111	59.50B	4.10A
6430	----	44.75B	----	----	40.50+	1650	.324	----	200	328 +	200	55.25B	3.75A
6440	38.75	40.50B	37.50A	----	36.75+	1500	.304	----	3	46 +	2	51.25B	3.45A
6450	26.00	36.75B	26.00	----	33.50+	1400	.284	----	15	2121 -	4	47.50B	3.20A
6460	32.50	33.00B	30.50A	----	30.50+	1325	.266	----	201	227 +	200	43.75B	2.95A
6470	27.50	29.50B	27.50	----	27.50+	1200	.247	----	4	54	UNCH	41.00	2.75A
6480	16.00	26.50B	16.00	----	25.00+	1125	.229	----	236	258 +	211	37.25B	2.55A
6490	21.00	23.50B	21.00	----	22.50+	1025	.212	----	8	10 -	1	34.25B	2.40A
6500	14.00	21.50	13.75	----	20.25+	925	.196	----	62	794 -	25	31.75	2.10
6510	----	18.50B	----	----	18.25+	850	.180	----	----	18	UNCH	29.50B	2.10A
6520	11.25	16.25B	10.75A	----	16.25+	750	.165	----	13	66 -	8	28.00B	2.00A
6530	9.00	14.25B	7.25A	----	14.50+	675	.151	----	6	112 +	1	26.50B	1.90A
6540	5.75	12.50B	5.75	----	13.00+	600	.138	----	13	52 -	10	25.25B	1.80A
6550	----	11.00B	----	----	11.50+	525	.125	----	216	512 +	202	24.00B	2.00A
6560	7.50	9.50B	6.50A	----	10.25+	475	.113	----	5	19 +	4	22.75B	1.90A
6570	8.50	8.50	8.50	----	9.00+	405	.102	----	9	15 -	9	21.50B	2.10A
6580	7.25	7.25	7.25	----	8.00+	355	.092	----	16	90 +	13	20.25B	1.95A
6590	----	6.50B	----	----	7.25+	320	.084	----	----	21	UNCH	19.25B	1.85A
6600	3.75	6.00	3.75	----	6.50+	285	.077	----	261	3539 -	242	18.00B	1.20
6610	----	5.00B	----	----	5.75+	245	.069	----	----	44	UNCH	15.25B	2.20A
6620	3.65	4.40B	3.65	----	5.00+	200	.061	----	1	46 +	1	14.50B	2.85A
6630	3.10	3.95B	3.05A	----	4.50+	175	.055	----	5	85 +	4	8.75B	1.15
6640	----	3.50B	----	----	4.05+	155	.050	----	----	75	UNCH	7.75B	2.65A
6650	----	3.15B	----	----	3.65+	135	.046	----	----	918	UNCH	7.00	2.55A
6660	2.90	2.95	2.90	----	3.30+	120	.041	----	2	47	UNCH	6.50B	2.45A
6670	----	2.55B	----	----	3.00+	105	.038	----	----	41	UNCH	5.75	2.35A
6680	----	2.30B	----	----	2.70+	90	.034	----	----	55	UNCH	5.25B	2.25A
6690	----	2.15B	----	----	2.50+	80	.032	----	244	2516 -	224	4.95B	1.50
6700	1.75	2.10	1.70	----	2.30+	75	.029	----	5	786 +	4	5.25	.75
6710	----	1.75B	----	----	2.15+	70	.027	----	----	7	UNCH	4.15B	1.95A
6730	----	1.45B	----	----	1.95+	70	.024	----	1	20 +	1	3.45B	1.75A
6740	----	1.30B	----	----	1.85+	65	.023	----	----	37	UNCH	3.15B	1.70A
6750	----	1.20B	----	----	1.75+	65	.021	----	230	438 +	227	2.90B	1.00
6800	----	----	----	----	1.50+	65	.017	----	----	98	UNCH	1.60	1.15
6900	----	----	----	----	1.15+	60	.012	----	----	111	UNCH	.90B	1.35A
6980	----	----	----	----	.90+	50	.009	----	----	10	UNCH	.60B	.35
7000	----	----	----	----	.85+	45	.008	----	----	225	UNCH	.55B	.50
TOTAL									2812	22730 +	685		
MAR18	EMINI NASD CALL	(FUTURES SETT. 6357.00 + 7475.0)											
5460	----	#946.75B	----	----	937.75+	6525	.895	----	----	18	UNCH	946.75B	276.75A
5500	----	#910.00B	----	----	901.00+	6475	.888	----	----	1	UNCH	910.00B	256.25A
5600	----	#818.75B	----	----	810.50+	6300	.866	----	----	17	UNCH	818.75B	209.00A
5690	----	#738.25B	----	----	730.75+	6150	.842	----	----	1	UNCH	738.25B	171.50A
5750	----	#685.50B											



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CME Group, Inc.

20 South Wacker Drive, Chicago, Illinois 60606-7499.

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FINAL

PG40	BULLETIN #222@	NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS								Thu, Nov 16, 2017			PG40
6320	----	#246.50B	----	----	242.25+	3775	.543	----	----	2	UNCH	246.50B	37.00A
6330	----	#240.25B	----	----	236.00+	3725	.536	----	----	2	UNCH	240.25B	36.00A
6340	----	#234.00B	----	----	230.00+	3675	.529	----	----	1	UNCH	234.00B	61.00A
6350	230.75	#230.75	225.75A	----	224.00+	3625	.522	----	1	3	UNCH	230.75	58.75A
6370	212.75	#216.00B	212.75	----	212.00+	NEW	.507	----	2	2 +	2	216.00B	54.50A
6380	210.50	#210.50	208.00A	----	206.25+	3425	.499	----	2	6	UNCH	210.50	52.25A
6390	205.50	#205.50	202.25A	----	200.75+	3400	.492	----	2	2	UNCH	205.50	50.25A
6400	200.00	#200.00	196.75A	----	195.00+	3325	.484	----	1	5 -	1	200.00	48.00A
6450	153.00	#171.00B	153.00	----	168.25+	3050	.446	----	1	400 -	1	171.00B	38.50A
6500	136.00	#145.50B	136.00	----	143.75+	2750	.406	----	53	677 -	1	145.50B	30.25A
6510	----	#140.75B	----	----	139.00+	2700	.398	----	----	63	UNCH	140.75B	29.25A
6530	----	#131.25B	----	----	130.00+	2600	.382	----	----	1	UNCH	131.25B	26.50A
6540	----	#126.75B	----	----	125.50+	2525	.374	----	----	1	UNCH	126.75B	25.25A
6550	----	#122.25B	----	----	121.25+	2475	.365	----	----	36	UNCH	122.25B	23.75A
6560	----	#118.00B	----	----	117.00+	2400	.357	----	----	30	UNCH	118.00B	23.00A
6600	96.50	#103.75	96.50	----	101.00+	2175	.325	----	6	21 +	3	103.75	17.50
6650	74.00	#82.50B	74.00	----	83.00+	1900	.285	----	31	21 -	30	82.50B	14.75A
6670	----	#75.75B	----	----	76.50+	1800	.270	----	----	4	UNCH	75.75B	13.25A
6700	63.00	#67.50	63.00	----	67.50+	1650	.247	----	2	117 +	2	67.50	14.50A
6720	----	#60.25B	----	----	61.75+	1550	.233	----	----	3	UNCH	60.25B	13.25A
6750	----	#52.00B	----	----	54.00+	1400	.211	----	----	97	UNCH	52.00B	11.75A
6800	----	#40.00B	----	----	42.75+	1175	.178	----	----	135	UNCH	40.00B	9.25A
6850	32.00	#32.00	32.00	----	33.50+	975	.148	----	1	30	UNCH	32.00	10.00A
6900	----	#22.00B	----	----	25.75+	775	.120	----	----	2	UNCH	22.00B	7.50A
6990	----	#11.75B	----	----	15.75+	500	.081	----	----	1	UNCH	11.75B	3.00
7000	----	#12.00B	----	----	14.75+	475	.077	----	----	3	UNCH	12.00B	5.00
TOTAL										165	2774 -	34	
JUN18	EMINI NASD CALL	(FUTURES SETT. 6366.75 + 7475.0)											
4600	----	#1.00801	----	----	1,786.50+	7075	.953	----	----	1	UNCH	1,801.75B	1,114.50A
5700	----	#803.00B	----	----	789.75+	5725	.788	----	----	11	UNCH	803.00B	336.75A
5720	----	#786.25B	----	----	773.25+	5675	.782	----	----	13	UNCH	786.25B	326.25A
5840	----	#689.25B	----	----	676.00+	5375	.747	----	----	2	UNCH	689.25B	267.00A
5990	----	#573.25B	----	----	559.50+	4950	.695	----	----	4	UNCH	573.25B	202.50A
6000	----	#565.75B	----	----	552.00+	4925	.691	----	----	1	UNCH	565.75B	198.50A
6040	----	#536.00B	----	----	522.50+	4825	.676	----	----	2	UNCH	536.00B	183.25A
6050	----	#528.75B	----	----	515.00+	4775	.672	----	----	3	UNCH	528.75B	179.75A
6080	----	#507.00B	----	----	493.50+	4700	.659	----	----	2	UNCH	507.00B	169.00A
6090	----	#499.75B	----	----	486.25+	4675	.655	----	----	1	UNCH	499.75B	165.50A
6250	----	#390.25B	----	----	379.00+	4200	.583	----	----	1	UNCH	390.25B	116.00A
6270	----	#377.25B	----	----	366.50+	4150	.573	----	----	2	UNCH	377.25B	110.75A
6300	----	#358.25B	----	----	348.00+	4025	.558	----	----	6	UNCH	358.25B	103.00A
6350	324.75	#327.50B	324.75	----	318.50+	3825	.532	----	1	1 +	1	327.50B	91.25A
6400	----	#298.00B	----	----	290.50+	3650	.506	----	----	3	UNCH	298.00B	80.50A
6470	----	#258.75B	----	----	253.25+	3350	.468	----	----	16	UNCH	258.75B	81.75A
6500	----	#242.75B	----	----	238.00+	3200	.452	----	----	15	UNCH	242.75B	75.25A
6520	----	#232.50B	----	----	228.25+	3125	.441	----	----	16	UNCH	232.50B	71.00A
6530	----	#227.50B	----	----	223.25+	3075	.435	----	----	1	UNCH	227.50B	69.00A
6600	----	#193.50B	----	----	190.75+	2800	.396	----	----	8	UNCH	193.50B	56.00A
6700	----	#150.25B	----	----	148.25+	2350	.338	----	----	1	UNCH	150.25B	42.75A
6730	----	#141.00B	----	----	136.75+	2225	.321	----	----	7	UNCH	141.00B	38.75A
6740	----	#134.75B	----	----	133.00+	2200	.316	----	----	7	UNCH	134.75B	37.50A
6780	----	#120.25B	----	----	119.00+	2050	.293	----	----	8	UNCH	120.25B	32.75A
6800	117.75	#117.75	117.75	----	112.25+	1950	.282	----	1	12 -	1	117.75	21.50
6810	----	#110.00B	----	----	109.25+	1925	.277	----	----	6	UNCH	110.00B	29.50A
6840	----	#100.25B	----	----	100.00+	1800	.261	----	----	5	UNCH	100.25B	26.50A
6850	----	#97.25B	----	----	97.00+	1750	.255	----	----	2	UNCH	97.25B	18.50A
6860	----	#94.25B	----	----	94.25+	1725	.250	----	----	4	UNCH	94.25B	25.00A
6870	----	#91.25B	----	----	91.50+	1700	.245	----	----	1	UNCH	91.25B	24.25A
6900	----	#82.75B	----	----	83.50+	1575	.230	----	----	13	UNCH	82.75B	22.00A
6920	----	#77.25B	----	----	78.50+	1500	.220	----	----	3	UNCH	77.25B	25.50A
7000	----	#58.00B	----	----	60.50+	1225	.182	----	----	4	UNCH	58.00B	49.00A
TOTAL										2	182		
SEP18	EMINI NASD CALL	(FUTURES SETT. .00)											
6100	----	#576.00B	----	----	563.50+	4575	.638	----	----	4	UNCH	576.00B	296.00A
6400	----	#386.25B	----	----	380.75+	3325	.522	----	----	2	UNCH	386.25B	171.75A
6500	----	#330.75B	----	----	329.75+	3375	.480	----	----	1	UNCH	330.75B	139.25A
6510	----	#325.25B	----	----	324.75+	3375	.476	----	----	2	UNCH	325.25B	136.00A
6650	----	#255.75B	----	----	255.75+	3000	.414	----	----	10	UNCH	255.75B	99.25A
6750	----	#211.50B	----	----	211.00+	2600	.369	----	----	2	UNCH	211.50B	76.75A
6800	----	#191.25B	----	----	190.75+	2400	.346	----	----	5	UNCH	191.25B	68.00A
6910	----	#150.75B	----	----	151.75+	2075	.298	----	----	1	UNCH	150.75B	50.25A
7000	----	#122.25B	----	----	124.00+	1800	.260	----	----	2	UNCH	122.25B	39.00A
TOTAL										0	29		
RTM, EOM	RTM, EOM	(FUTURES SETT. .00)											
NOV17	----	----	----	----	116.00+	2200	1.000	----	----	38	UNCH	148.90B	35.30A
1370	----	----	----	----	111.00+	2200	1.000	----	----	15	UNCH	144.10B	32.90A
1380	----	----	----	----	106.00+	2200	1.000	----	----	8	UNCH	139.60B	30.50A
1385	----	----	----	----	101.00+	2190	1.000	----	----	62	UNCH	134.80B	28.30A
1390	----	----	----	----	96.00+	2190	1.000	----	----	31	UNCH	130.10B	26.10A
1395	----	----	----	----	91.00+	2180	1.000	----	----	20	UNCH	125.30B	24.10A
1400	----	----	----	----	86.00+	2180	1.000	----	----	14	UNCH	120.60B	22.20A
1405	----	----	----	----	81.00+	2170	1.000	----	----	23	UNCH	115.90B	20.40A
1410	----	----	----	----	76.00+	2160	1.000	----	----	14	UNCH	111.20B	18.70A
1415	----	73.70B	----	----	71.00+	2150	1.000	----	----	23	UNCH	106.60B	17.20A
1420	----	68.70B	----	----	66.00+	2140	1.000	----	----	24	UNCH	101.90B	15.60A
1425	----	63.70B	----	----	61.00+	2120	.999	----	----	15	UNCH	97.40B	14.10A
1430	----	58.70B	----	----	56.10+	2120	.999	----	----	18	UNCH	92.90B	12.90A
1435	----	53.80B	----	----	51.10+	2090	.999	----	----	19	UNCH	88.40B	11.70A
1440	----	48.80B	----	----	46.10+	2060	.999	----	----	28	UNCH	83.90B	10.50A
1445	----	43.90B	----	----	41.10+	2000	.998	----	----	27	UNCH	79.50B	9.50A
1450	----	41.40B	----	----	36.20+	1940	.997	----	----	10	UNCH	75.20B	8.50A
1455	----	36.40B	----	----	31.20+	1820	.995	----	----	19	UNCH	70.90B	7.70A
1455	----	37.70B	17.30A	----	32.90+	1540	.881	----	----	15	UNCH	51.30B	13.20A
1460	----	31.40B	----	----	26.30+	1680	.991	----	----	21	UNCH	66.70B	6.10A
1460	----	33.10B	14.10A	----	28.50+	1420	.847	----	----	31	UNCH	47.00B	10.70A
1465	----	26.50B	----	----	21.40+	1480	.983	----	----	20	UNCH	62.60B	4.30A
1465	----	28.70B	11.20A	----	24.20+	1280	.802	----	----	24	UNCH	43.00B	8.50A
1470	----	21.70B	----	----	16.60+	1225	.964	----	----	74	UNCH	58.50B	2.90A
1470	11.60	24.40B	8.80A	----	20.10+	1120	.748	----	15	3 -	7	39.60B	6.70
1475	14.50	17.00B	12.60A	----	12.00+	925	.915	----	22	30 -	21	54.60B	1.90A
1475	9.40	20.40B	9.30A	----	16.30+	950	.682	----	58	110 -	17	35.70B	5.10A
1480	10.60	16.80B	10.40A	----	12.90+	780	.607	----	54	57	UNCH	32.00B	3.90A
1480	----	21.00B	----	----	17.40+	890	.573	----	----	1	UNCH	54.40B	6.80A
1480	12.90	13.40</											



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PG40 BULLETIN #222@		NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS						Thu, Nov 16, 2017		PG40		
1525	----	.70B	----	----	.60+	45	.047	----	5	UNCH	13.80B	.45A
1530	----	----	----	----	.05+	5	.000	----	186	UNCH	19.90B	.45A
1530	----	.45B	----	----	.45+	35	.034	----	8	UNCH	11.60B	.55A
1535	----	----	----	----	.05+	5	.000	----	271	UNCH	17.60B	.35A
1535	----	1.05B	----	----	1.15+	60	.069	----	2	UNCH	21.10B	1.15A
1535	----	.30B	----	----	.35+	30	.026	----	11	UNCH	9.60B	.65A
1540	----	.75B	----	----	.90+	45	.055	----	1	UNCH	18.90B	1.25A
1540	----	----	----	----	.05+	5	.000	----	91	UNCH	15.50B	.30A
1545	----	----	----	----	.05+	5	.000	----	75	UNCH	13.50B	.30A
1550	----	.45B	----	----	.55+	20	.034	----	17	UNCH	15.00B	.80A
1570	----	----	----	----	.25+	5	.014	----	17	UNCH	8.80B	.40A
1575	----	----	----	----	.05+	5	.003	----	25	UNCH	1.60B	.40A
TOTAL									273			
DEC17	RTM EOM	(FUTURES SETT. 6341.00 + 7475.0)							3151 - 93			
1370	----	125.70B	----	----	121.70+	1940	.901	----	1	UNCH	155.00B	95.00A
1385	----	111.80B	----	----	107.80+	1870	.877	----	3	UNCH	141.50B	82.10A
1400	----	#93.00B	----	----	88.40+	NEW	.922	----	10	+	10	93.00B 62.00A
1450	53.90	55.90B	38.50A	----	52.70+	NEW	.695	----	1	+	1	86.30B 34.40A
1455	----	52.20B	35.30A	----	49.00+	1330	.673	----	4	UNCH	82.30B	31.50A
1460	----	48.40B	32.20A	----	45.40+	1280	.651	----	2	----	2	78.50B 28.80A
1465	----	44.80B	29.30A	----	41.90+	1220	.627	----	5	2 -	3	74.60B 26.20A
1480	----	34.60B	21.60A	----	32.10+	1040	.548	----	15	UNCH	63.70B	19.10A
1485	----	31.50B	19.30A	----	29.10+	970	.520	----	30	UNCH	60.20B	17.20A
1490	----	28.50B	----	----	26.30+	910	.491	----	20	UNCH	56.80B	15.40A
1495	----	25.80B	----	----	23.60+	830	.462	----	9	UNCH	53.50B	13.70A
1500	----	23.10B	----	----	21.00+	750	.431	----	16	UNCH	50.20B	12.10A
1505	----	20.60B	----	----	18.70+	690	.401	----	10	UNCH	47.20B	10.70A
1510	----	18.30B	----	----	16.50+	620	.370	----	1	UNCH	44.10B	9.50A
1510	----	#10.20B	----	----	8.30+	395	.296	----	7	UNCH	10.20B	4.00A
1525	----	12.30B	----	----	11.20+	450	.283	----	19	UNCH	35.60B	6.40A
1530	----	10.70B	----	----	9.70+	400	.256	----	11	UNCH	33.00B	5.70A
1550	----	5.60B	----	----	5.40+	NEW	.163	----	2	+	2	23.70B 3.40A
1570	----	2.70B	----	----	2.90+	115	.097	----	9	UNCH	16.20B	2.15A
1575	----	2.25B	----	----	2.50+	95	.085	----	15	UNCH	14.70B	2.10A
1580	----	1.85B	----	----	2.15+	80	.075	----	53	UNCH	13.20B	1.85A
1585	----	1.50B	----	----	1.90+	70	.066	----	38	UNCH	11.80B	1.60A
1590	----	1.25B	----	----	1.65+	55	.058	----	35	UNCH	10.50B	1.40A
1595	----	1.00B	----	----	1.45+	50	.052	----	2	UNCH	9.40B	1.25A
1600	----	----	----	----	1.30+	45	.046	----	10	UNCH	8.30B	1.10A
1610	----	----	----	----	1.00+	30	.036	----	15	UNCH	6.50B	.90A
1630	----	----	----	----	.60+	15	.022	----	15	UNCH	3.80B	.70A
TOTAL									24		353 + 8	
JAN18	RTM EOM	(FUTURES SETT. .00)										
1375	----	128.00B	106.40A	----	124.40+	1770	.827	----	1	UNCH	137.90B	99.80A
1385	----	116.30B	94.60A	----	112.60+	1770	.832	----	35	UNCH	144.80B	85.20A
1390	----	111.80B	90.70A	----	108.20+	1740	.822	----	40	UNCH	140.40B	43.50A
1395	----	107.60B	86.40A	----	103.90+	1720	.812	----	2	UNCH	136.10B	77.80A
1445	----	66.50B	49.40A	----	63.40+	1390	.679	----	3	UNCH	94.90B	43.80A
1455	----	59.10B	42.90A	----	56.20+	1310	.644	----	18	UNCH	87.00B	38.30A
1460	----	55.50B	39.80A	----	52.70+	1270	.625	----	20	UNCH	83.40B	17.80A
1465	----	52.00B	36.90A	----	49.30+	1220	.605	----	21	UNCH	79.50B	33.00A
1470	----	48.70B	34.10A	----	46.00+	1170	.585	----	43	UNCH	76.10B	15.30A
1475	----	46.00B	31.50A	----	42.80+	1120	.564	----	2	UNCH	72.50B	14.20A
1475	----	49.60B	35.80A	----	47.00+	NEW	.560	----	2	+	2	57.50B 32.60A
1480	----	42.80B	----	----	39.80+	1080	.543	----	58	UNCH	69.00B	13.10A
1480	----	46.30B	33.20A	----	43.90+	1060	.541	----	2	+	2	54.20B 30.20A
1485	----	39.70B	----	----	36.80+	1020	.520	----	116	UNCH	65.60B	23.70A
1490	----	36.70B	----	----	33.90+	960	.498	----	75	UNCH	62.30B	12.90A
1495	----	33.80B	----	----	31.20+	900	.475	----	77	UNCH	59.00B	19.80A
1500	----	31.10B	----	----	28.60+	850	.451	----	69	UNCH	55.80B	10.50A
1505	----	28.40B	----	----	26.10+	790	.427	----	40	UNCH	52.60B	16.30A
1510	----	26.00B	----	----	23.80+	730	.403	----	30	UNCH	49.70B	8.50A
1515	----	23.60B	----	----	21.60+	680	.380	----	29	UNCH	46.70B	13.30A
1520	----	21.40B	----	----	19.50+	620	.356	----	5	UNCH	43.90B	6.90A
1525	----	19.30B	----	----	17.60+	580	.332	----	8	UNCH	41.20B	6.20A
1530	----	17.30B	----	----	15.80+	530	.309	----	8	UNCH	38.50B	5.40A
1535	----	15.50B	----	----	14.10+	480	.286	----	28	UNCH	35.90B	8.60A
1540	9.80	13.80B	9.80	----	12.60+	440	.264	----	3	+	1	33.50B 4.40A
1545	8.60	12.20B	8.60	----	11.20+	400	.242	----	10	UNCH	31.10B	6.80A
1550	7.60	10.80B	7.60	----	9.90+	350	.222	----	4	+	4	28.90B 3.50A
1555	----	9.50B	----	----	8.80+	320	.203	----	40	UNCH	26.80B	5.40A
1560	----	8.30B	----	----	7.70+	280	.183	----	42	UNCH	24.70B	2.85A
1565	5.80	7.20B	5.80	----	6.80+	250	.166	----	12	+	12	22.80B 4.30A
1570	----	6.30B	----	----	6.00+	220	.151	----	10	UNCH	20.80B	2.35A
1575	----	5.50B	----	----	5.30+	195	.136	----	10	UNCH	19.20B	3.40A
1580	----	6.60B	----	----	6.70+	220	.151	----	1	UNCH	9.60B	4.55A
1580	----	4.80B	----	----	4.65+	170	.122	----	5	UNCH	17.60B	3.10A
1585	----	4.20B	----	----	4.10+	150	.110	----	2	UNCH	16.00B	2.80A
1590	----	3.70B	----	----	3.65+	135	.100	----	25	UNCH	14.60B	2.45A
1595	----	3.20B	----	----	3.25+	120	.090	----	10	UNCH	13.20B	2.25A
1600	----	2.80B	----	----	2.90+	105	.081	----	15	UNCH	12.00B	2.00A
1605	----	2.50B	----	----	2.55+	90	.073	----	1	UNCH	10.80B	1.85A
1610	----	2.25B	----	----	2.30+	80	.066	----	4	UNCH	9.70B	1.65A
1615	----	2.00B	----	----	2.05+	70	.060	----	45	UNCH	8.70B	1.50A
1620	----	1.75B	----	----	1.85+	65	.054	----	10	UNCH	7.80B	1.40A
1625	----	1.55B	----	----	1.70+	60	.050	----	34	UNCH	7.00B	1.00
1630	----	1.40B	----	----	1.55+	55	.046	----	23	UNCH	6.20B	1.05
1635	----	1.25B	----	----	1.40+	45	.041	----	5	UNCH	5.50B	1.00A
1640	----	1.10B	----	----	1.25+	40	.037	----	5	UNCH	4.90B	.90A
1650	----	.90B	----	----	1.05+	35	.031	----	6	UNCH	3.80B	.80A
1660	----	.70B	----	----	.90+	30	.027	----	20	UNCH	2.95B	.75A
1670	----	----	----	----	.75+	20	.022	----	5	UNCH	2.25B	.70A
1675	----	----	----	----	.70+	20	.021	----	30	UNCH	1.95B	.65
1680	----	----	----	----	.60+	15	.018	----	6	UNCH	1.65B	.70
1700	----	----	----	----	.45+	10	.013	----	11	UNCH	.85B	----
TOTAL									35		1261 + 21	
FEB18	RTM EOM	(FUTURES SETT. .00)										
1380	----	127.20B	106.40A	----	123.80+	1710	.796	----	1	UNCH	136.60B	100.10A
1390	117.90	118.70B	98.50A	----	115.40+	1660	.778	----	1	-	1	128.00B 92.50A
1480	----	51.80B	38.40A	----	49.40+	1090	.539	----	4	+	3	58.80B 35.10A
1490	----	45.60B	----	----	43.50+	NEW	.504	----	1	+	1	52.50B 30.50A
1565	----	13.50B	----	----	12.80+	380	.229	----	10	UNCH	17.20B	8.70A
TOTAL									6		17 + 3	
RTM OPT	RTM OPT	(FUTURES SETT. 6341.00 + 7475.0)										
1350	----	142.40B	----	----	137.70+	2090	.955	----	2	UNCH	171.50B	53.00A
1380	----	113.50B	----	----	108.70+	1980	.926	----	75	UNCH	143.50B	37.10A
1390	----	104.00B	----	----	99.30+	1940	.911	----	1	UNCH	134.50B	32.50A
1400	----	94.50B	----	----	90.00+	1880	.892	----	10	+	10	125.40B 28.40A
1440	----	59.10B	39.30A	----	54.90+	1540	.773	----	2	UNCH	90.70B	15.10A
1445	----	54.90B	35.90A	----	50.80+	1470	.751	----	5	UNCH	86.60B	13.90A
1450	----	50.90B	32.50A	----	46.90+	1410	.728	----	41	UNCH	82.	



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PG40	BULLETIN #222@	NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS								Thu, Nov 16, 2017				PG40
1535	4.70	5.50B	4.70	----	4.95+	225	.175	----	43	58 +	18	26.60B	2.40A	
1540	----	4.60B	----	----	4.15+	190	.151	----	----	124	UNCH	24.30B	2.10A	
1545	----	3.70B	----	----	3.50+	155	.131	----	----	46	UNCH	22.10B	1.90A	
1550	----	3.00B	----	----	2.95+	130	.113	----	3	83	UNCH	20.00B	1.05	
1555	----	2.50B	----	----	2.50+	110	.098	----	----	25	UNCH	18.00B	1.45A	
1560	----	2.10B	----	----	2.15+	95	.085	----	2	43	UNCH	16.20B	1.25A	
1565	----	1.80B	----	----	1.80+	75	.072	----	----	12	UNCH	14.50B	1.10A	
1570	----	1.55B	----	----	1.55+	65	.063	----	----	32	UNCH	13.00B	1.00A	
1575	----	1.30B	----	----	1.35+	55	.055	----	----	130	UNCH	11.60B	.90A	
1580	----	1.10B	----	----	1.15+	50	.047	----	----	306	UNCH	10.40B	.80A	
1585	----	.95B	----	----	1.00+	40	.041	----	----	50	UNCH	9.20	.70A	
1590	----	.80B	----	----	.90+	40	.037	----	----	64	UNCH	8.20B	.65A	
1595	----	.70B	----	----	.75+	30	.031	----	----	55	UNCH	7.30B	.60A	
1600	----	.60B	----	----	.70+	30	.029	----	----	193	UNCH	6.40B	.55A	
1605	----	.50B	----	----	.60+	25	.025	----	----	12	UNCH	5.70B	.50A	
1610	----	.45B	----	----	.55+	25	.022	----	----	196	UNCH	5.00B	.45A	
1615	----	.40B	----	----	.50+	25	.020	----	----	70	UNCH	4.40B	.55A	
1620	----	.35B	----	----	.45+	25	.018	----	----	44	UNCH	3.85B	.35	
1625	----	.30B	----	----	.40+	20	.016	----	----	51	UNCH	3.40B	.45A	
1630	----	.25B	----	----	.35+	20	.014	----	----	49	UNCH	3.00B	.45A	
1635	----	.20B	----	----	.30+	15	.012	----	----	22	UNCH	2.65B	.40A	
1640	----	.20B	----	----	.30+	15	.012	----	----	4	UNCH	2.35B	.40A	
1645	----	.15B	----	----	.25+	15	.010	----	----	14	UNCH	1.85B	.35A	
1650	----	.15B	----	----	.25+	15	.009	----	----	111	UNCH	1.85B	.35A	
1675	----	----	----	----	.15+	10	.005	----	----	20	UNCH	1.00B	.30A	
1680	----	----	----	----	.15+	10	.005	----	----	12	UNCH	.90B	.30A	
TOTAL										211		3303 +	112	
MAR18	RTO OPT	(FUTURES SETT. 6357.00 + 7475.0)												
1400	----	116.60B	98.00A	----	113.70+	1540	.734	----	----	1	UNCH	142.30B	46.20A	
1490	----	53.60B	----	----	51.60+	1040	.508	----	----	2	UNCH	76.70B	18.00A	
1530	----	32.90B	----	----	31.40+	700	.380	----	----	1	UNCH	53.30B	10.70A	
1550	----	24.60B	----	----	23.60+	560	.315	----	----	1	UNCH	43.30B	8.50A	
TOTAL										0				
JUN18	RTO OPT	(FUTURES SETT. 6366.75 + 7475.0)												
1540	----	49.60B	40.60A	----	49.30+	860	.411	----	----	2	UNCH	68.30B	35.00A	
TOTAL										0				

ADDITIONAL NASDAQ CALLS

STRIKE	OPEN	RANGE	HIGH	LOW	CLOSING RANGE	SETT. PRICE & PT. CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	--CONTRACT--	
ON OOF	ON OOF										HIGH	LOW
NOV17	ON OOF		(FUTURES SETT. .00)									
5200	----		----	----	----	1141.00+ 74.75	1.000	----	----	4	UNCH	1092.00B 629.75A
5250	----		----	----	----	1091.00+ 74.75	1.000	----	----	4	UNCH	1042.25B 585.25A
5350	----		----	----	----	991.00+ 74.75	1.000	----	----	5	UNCH	946.75 498.75A
5400	----		----	----	----	941.00+ 74.75	1.000	----	----	1	UNCH	892.50B 456.75A
5440	----		----	----	----	901.00+ 74.75	1.000	----	----	1	UNCH	852.75B 424.25A
5560	----		----	----	----	781.00+ 74.75	1.000	----	----	1	UNCH	733.25B 329.75A
5700	----		----	----	----	641.00+ 74.75	1.000	----	----	1	UNCH	610.00B 230.50A
5740	----		----	----	----	601.00+ 74.75	1.000	----	----	1	UNCH	555.00B 204.75A
5760	----		----	----	----	581.00+ 74.50	1.000	----	----	2	UNCH	553.75B 192.00A
5770	----		----	----	----	571.00+ 74.50	1.000	----	----	1	UNCH	551.50B 182.75A
5790	----		----	----	----	551.00+ 74.50	1.000	----	----	2	UNCH	531.50B 169.50A
5800	----		----	----	----	541.00+ 74.50	1.000	----	----	5	UNCH	521.75B 163.25A
5820	----		----	----	----	521.00+ 74.25	1.000	----	----	1	UNCH	501.50B 150.75A
5830	----		----	----	----	511.00+ 74.25	1.000	----	----	1	UNCH	491.50B 144.50A
5850	----		----	----	----	491.00+ 74.25	1.000	----	----	23	UNCH	474.25B 132.75A
5860	----		----	----	----	481.00+ 74.25	1.000	----	----	1	UNCH	464.25B 127.00A
5870	----		----	----	----	471.00+ 74.25	1.000	----	----	5	UNCH	454.50B 121.25A
5890	----		----	----	----	451.00+ 74.00	1.000	----	----	3	UNCH	452.25B 110.25A
5900	----		----	----	----	441.00+ 74.00	1.000	----	----	15	UNCH	442.25B 105.00A
5910	----		----	----	----	431.00+ 74.00	.999	----	----	50	UNCH	432.50B 99.75A
5920	----		----	----	----	421.00+ 73.75	.999	----	----	5	UNCH	422.50B 94.75A
5930	----		----	----	----	411.00+ 73.75	.999	----	----	1	UNCH	412.50B 89.75A
5940	----		----	----	----	401.00+ 73.75	.999	----	----	51	UNCH	402.75B 85.00A
5950	----		----	----	----	391.00+ 73.75	.999	----	----	13	UNCH	392.75B 80.50A
5960	----		----	----	----	381.00+ 73.50	.999	----	----	11	UNCH	382.75B 76.00A
5970	366.00	366.00	366.00	366.00	366.00	371.00+ 73.50	.999	----	1	2	UNCH	373.00B 71.50A
5990	----		----	----	----	351.25+ 73.75	.999	----	----	10	UNCH	353.00B 63.25A
6000	----		273.25B	----	----	341.25+ 73.50	.999	----	----	795	UNCH	343.25B 59.25A
6010	----		----	----	----	331.25+ 73.50	.999	----	----	5	UNCH	333.25B 55.25A
6020	----		----	----	----	321.25+ 73.50	.999	----	----	67	UNCH	323.50B 51.75A
6030	----		----	----	----	311.25+ 73.25	.999	----	----	52	UNCH	319.00B 48.25A
6040	----		#312.75B	----	----	301.25+ 73.25	.999	----	----	40	UNCH	312.75B 44.75A
6050	----		#302.75B	----	----	291.25+ 73.00	.999	----	----	28	UNCH	302.75B 41.50A
6060	----		#292.75B	----	----	281.50+ 73.25	.999	----	2	24	UNCH	292.75B 38.50A
6070	----		#283.00B	----	----	271.50+ 73.00	.999	----	----	14	UNCH	283.00B 35.50A
6080	----		#273.00B	----	----	261.50+ 72.75	.999	----	----	6	UNCH	273.00B 32.75A
6090	----		#263.00B	----	----	251.50+ 72.75	.999	----	----	25	UNCH	263.00B 30.00A
6100	----		#253.00B	----	----	241.50+ 72.50	.998	----	2	390	UNCH	253.00B 27.75A
6110	----		#243.00B	----	----	231.75+ 72.25	.998	----	----	194	UNCH	243.00B 25.25A
6120	----		#233.25B	----	----	221.75+ 72.00	.998	----	----	274	UNCH	233.25B 23.25A
6130	----		#223.25B	----	----	211.75+ 71.75	.998	----	9	140	UNCH	223.25B 21.25A
6140	----		#213.25B	----	----	201.75+ 71.25	.997	----	----	94	UNCH	213.25B 19.25A
6150	184.00	184.00	#203.25B	184.00	----	191.75+ 70.75	.997	----	3	429	UNCH	203.25B 17.50A
6160	----		#193.50B	----	----	181.75+ 70.25	.997	----	----	198	UNCH	193.50B 16.00A
6170	----		#183.50B	----	----	171.75+ 69.50	.997	----	----	539	UNCH	183.50B 14.50A
6180	----		#173.50B	----	----	162.00+ 68.75	.996	----	----	342	UNCH	173.50B 13.00A
6190	----		163.75B	----	----	152.00+ 67.75	.996	----	----	250	UNCH	164.00B 11.75A
6200	155.50	155.50	148.50A	155.50	----	142.00+ 66.50	.995	----	27	984 -	14	158.00 10.00
6210	108.00	108.00	108.00	108.00	----	132.00+ 65.25	.994	----	22	170 -	1	145.75B 9.50A
6220	----		133.75B	----	----	122.00+ 63.50	.993	----	----	333	UNCH	137.00B 8.50A
6230	----		124.00B	----	----	112.00+ 61.50	.992	----	----	536	UNCH	128.00B 7.50
6240	95.00	114.00B	95.00	114.00B	----	102.25+ 59.25	.991	----	2	364 -	2	119.50B 7.00A
6250	51.00	104.25B	51.00	104.25B	----	92.25+ 56.25	.988	----	70	1332 +	47	111.00B 6.25
6260	40.00	94.25B	40.00	94.25B	----	82.50+ 53.00	.984	----	71	112 -	10	102.50B 5.50A
6270	30.00	84.50B	29.25	84.50B	----	72.75+ 49.00	.978	----	26	348 +	3	94.50



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PG40 BULLETIN #222@ NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS Thu, Nov 16, 2017 PG40

Table with columns for contract symbols (e.g., #1018.00E, #786.25B), prices, and volumes. Includes sub-sections for 'ON OOF' and 'TOTAL' for both 'NOV17' and 'DEC17'.

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PG40 BULLETIN #222@ NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS Thu, Nov 16, 2017 PG40

Table with columns: MINI NSDQ EOM C, (FUTURES SETT. .00), and various price and volume data for NASDAQ 100 and E-MINI NASDAQ 100 options.

E-MINI NASDAQ 100 WEEKLY-1 PUTS

Table with columns: STRIKE, OPEN, RANGE, HIGH, LOW, CLOSING, RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW.

E-MINI NASDAQ 100 WEEKLY-2 PUTS

Table with columns: STRIKE, OPEN, RANGE, HIGH, LOW, CLOSING, RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW.

E-MINI NASDAQ 100 WEEKLY-4 PUTS

Table with columns: STRIKE, OPEN, RANGE, HIGH, LOW, CLOSING, RANGE, SETT. PRICE & PT. CHGE., DELTA, EXER CISES, VOLUME TRADES CLEARED, OPEN INTEREST, --CONTRACT-- HIGH, LOW.

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Table with columns: PG40, BULLETIN #222@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, Nov 16, 2017, PG40. Contains multiple rows of market data including prices, volumes, and option types.



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PG40	BULLETIN #222@	NASDAQ 100 AND E-MINI	NASDAQ 100 OPTIONS	Thu, Nov 16, 2017	PG40					
4840	----	----	*1.40A	----	4	UNCH	341.00B	1.40A		
4850	----	----	*1.45A	----	146	UNCH	345.25B	1.45A		
4860	----	----	*1.45A	----	10	UNCH	349.50B	1.45A		
4870	----	----	*1.50A	----	3	UNCH	353.75B	1.50A		
4880	----	----	*1.55A	----	9	UNCH	358.50B	1.55A		
4890	----	----	*1.55A	----	1	UNCH	362.50B	1.55A		
4900	----	----	*1.60A	----	97	UNCH	367.00B	1.60A		
4940	----	----	*1.70A	----	2	UNCH	385.25B	1.70A		
4950	----	----	*1.75A	----	80	UNCH	390.00B	1.75A		
4970	----	----	*1.80A	----	1	UNCH	399.50B	1.80A		
4990	----	----	1.90A	----	127	-	1	409.25B	1.90A	
5000	1.95	2.10	1.90A	----	504	1475 +	483	414.00B	1.75	
5010	----	----	*1.95A	----	22	UNCH	419.25B	1.95A		
5020	----	----	*2.00A	----	22	UNCH	424.00B	2.00A		
5030	----	----	*2.05A	----	8	UNCH	429.00B	2.05A		
5050	----	----	*2.10A	----	35	UNCH	439.00B	2.10A		
5100	----	----	*2.35A	----	270	UNCH	466.00B	2.35A		
5110	----	----	*2.40A	----	9	UNCH	471.25B	2.40A		
5120	----	----	*2.45A	----	1	UNCH	476.75B	2.45A		
5130	----	----	*2.50A	----	22	UNCH	482.50B	2.50A		
5140	----	----	*2.55A	----	1	UNCH	488.00B	2.55A		
5150	2.90	2.90	*2.60A	----	4	145	UNCH	493.75B	2.60A	
5160	----	----	*2.65A	----	2	UNCH	499.50B	2.65A		
5170	----	----	*2.75A	----	5	UNCH	505.00B	2.75A		
5180	----	----	*2.80A	----	20	UNCH	511.00B	2.80A		
5190	----	----	*2.85A	----	4	UNCH	516.75B	2.85A		
5200	2.70	3.05	*2.70	----	13	142 -	9	522.50B	2.70	
5210	----	----	*2.95A	----	3	UNCH	528.75B	2.95A		
5220	----	----	*3.00A	----	7	UNCH	534.50B	3.00A		
5230	----	----	*3.10A	----	25	UNCH	540.75B	3.10A		
5240	----	----	*3.15A	----	26	UNCH	546.50B	3.15A		
5250	3.00	3.00	*3.00	----	6	90	UNCH	552.50B	3.00	
5260	----	----	*3.30A	----	46	UNCH	559.25B	3.30A		
5270	----	----	*3.35A	----	110	UNCH	565.25B	3.35A		
5280	----	----	*3.40A	----	101	UNCH	572.25B	3.40A		
5290	----	----	*3.50A	----	23	UNCH	578.00B	3.50A		
5300	----	----	3.55A	----	265	UNCH	584.25B	3.55		
5310	----	----	*3.60A	----	5	UNCH	590.75B	3.60A		
5320	----	----	*3.70A	----	14	UNCH	597.25B	3.70A		
5330	----	----	*3.75A	----	16	UNCH	604.25B	3.75A		
5340	----	----	*3.80A	----	6	UNCH	611.00B	3.80A		
5350	----	----	*3.90A	----	172	UNCH	617.25B	3.90A		
5360	----	----	*3.95A	----	21	UNCH	624.50B	3.95A		
5370	----	----	*4.05A	----	10	UNCH	631.50B	4.05A		
5380	----	----	*4.10A	----	14	UNCH	637.50B	4.10A		
5390	----	----	*4.20A	----	5	UNCH	644.50B	4.20A		
5400	----	----	*4.25A	----	751	UNCH	651.25B	4.25A		
5410	----	----	*4.35A	----	10	UNCH	658.25B	4.35A		
5420	----	----	*4.45A	----	4	UNCH	666.00B	4.45A		
5430	----	----	*4.50A	----	3	UNCH	673.25B	4.50A		
5440	----	----	*4.60A	----	22	UNCH	680.00B	4.60A		
5450	----	----	*4.65A	----	134	UNCH	687.50B	4.65A		
5460	----	----	*4.75A	----	13	UNCH	694.75B	4.75A		
5470	----	----	*4.85A	----	2	UNCH	701.25B	4.85A		
5480	----	----	*4.90A	----	16	UNCH	709.00B	4.90A		
5490	4.75	4.75	*4.75	----	50	59 +	49	716.75B	4.75	
5500	5.00	5.00	4.60	----	3	978 +	3	724.25B	4.00	
5510	----	----	*5.25A	----	5	UNCH	731.50B	5.25A		
5520	----	----	*5.25A	----	4	UNCH	739.00B	5.25A		
5530	----	----	*5.50A	----	7	UNCH	746.75B	5.50A		
5540	5.75	5.75	*5.50A	----	5	18 +	5	754.00B	5.50A	
5550	----	----	*5.75A	----	298	UNCH	761.75B	5.75A		
5560	----	----	*5.75A	----	18	UNCH	769.50B	5.75A		
5570	5.25	5.25	*5.25	----	20	69 +	20	777.25B	5.25	
5580	----	----	*6.00A	----	91	UNCH	785.25B	6.00A		
5590	----	----	*6.00A	----	68	UNCH	793.00B	6.00A		
5600	6.50	6.50	*5.75	----	170	1082 +	90	800.75B	5.75	
5610	6.00	6.00	*6.00	----	76	+	3	808.75B	6.00	
5620	----	----	*6.50A	----	5	229	UNCH	816.75B	6.50A	
5630	7.00	7.00	*6.50A	----	4	238	UNCH	824.75B	6.50A	
5640	----	----	*6.75A	----	101	UNCH	832.75B	6.75A		
5650	----	----	*6.75A	----	5	346 +	5	841.00B	6.75A	
5660	----	----	*7.00A	----	2	132 +	1	849.25B	7.00A	
5670	----	----	*7.25A	----	1	34	+	1	857.50B	7.25A
5680	6.50	6.75B	*6.50	----	1	23 +	1	865.50B	6.50	
5690	----	----	*7.50A	----	1	24	+	1	873.75B	7.50A
5700	8.00	8.00	*7.50	----	27	516 -	3	882.25B	7.50	
5710	----	----	*7.75A	----	43	UNCH	890.50B	7.75A		
5720	----	----	*8.00A	----	46	279	UNCH	899.00B	8.00A	
5730	----	----	*8.00A	----	236	UNCH	907.50B	8.00A		
5740	12.00	12.00	*8.25A	----	7	129	UNCH	915.75B	8.25A	
5750	8.75	8.75	*8.50A	----	2	1736	UNCH	924.25B	8.50A	
5760	8.50	8.50	*8.50	----	2	33 +	2	932.50B	8.50	
5770	----	----	*9.00A	----	131	UNCH	941.25B	9.00A		
5780	----	----	*9.00A	----	47	UNCH	950.50B	9.00A		
5790	----	----	*9.25A	----	24	UNCH	959.25B	9.25A		
5800	10.00	10.00	*9.50A	----	115	384 -	29	967.00B	9.50A	
5810	----	----	*9.75A	----	13	UNCH	975.50B	9.75A		
5820	----	----	*10.00A	----	8	UNCH	984.50B	10.00A		
5830	----	----	*10.25A	----	30	UNCH	993.25B	10.25A		
5840	14.00	14.00	*10.75A	----	9	98 -	6	1.002.00B	10.75A	
5850	11.50	11.50	*11.00A	----	35	519 -	11	1.011.00B	11.00A	
5860	13.75	13.75	*11.25A	----	20	17 -	19	1.020.00B	11.25A	
5870	15.50	15.50	*11.50A	----	9	42	UNCH	1.028.75B	11.50A	
5880	16.25	16.25	*12.00A	----	30	401	UNCH	1.037.75B	12.00A	
5890	----	----	*12.25A	----	148	UNCH	1.047.75B	12.25A		
5900	17.25	17.25	*12.25	----	117	678 -	66	1.055.75B	12.25	
5910	----	----	*13.00A	----	40	UNCH	1.065.00B	13.00A		
5920	16.00	25.00B	*13.25A	----	16	269 -	2	1.075.00B	13.25A	
5930	----	----	*14.00A	----	157	UNCH	1.083.75B	14.00A		
5940	----	26.75B	*14.50A	----	3	15	UNCH	1.093.25B	14.50A	
5950	15.50	27.75B	*15.00	----	2	622 -	5	1.101.50B	15.00	
5960	----	28.75B	*15.50A	----	1	36	UNCH	1.110.50B	15.50A	
5970	20.00	29.75B	*16.00A	----	1	36	UNCH	1.120.50B	16.00A	
5980	17.50	30.75B	*16.50A	----	1	143 +	1	1.129.00B	16.50A	
5990	----	32.00B	*17.00A	----	8	UNCH	1.138.25B	17.00A		
6000	30.00	33.25B	*17.00	----	202	940 -	3	1.148.75B	17.00	
6010	----	34.50B	*18.50A	----	89	UNCH	1.157.00B	18.50A		
6020	21.50	35.75B	*19.75A	----	4	123 -	4	1.166.75B	19.00A	
6030	----	37.00B	*19.75A	----	442	UNCH	1.176.75B	19.75A		
6040	23.50	38.50B	*20.50A	----	5	203 -	3	1.185.00B	20.50A	
6050	24.00	40.00B	*20.75	----	16	581 +	15	1.194.50B	20.75	
6060	23.50	41.50B	*22.25A	----	3	99	UNCH	1.204.25B	22.25A	
6070	25.00	43.00B	*23.00A	----	50	324 -	4	1.214.00B	23.00A	
6080	----	44.75B	*24.00A	----	236	UNCH	1.224.00B	24.00A		
6090	----	46.50B	*25.00A	----	55	UNCH	1.233.50B	25.00A		
6100	36.50	48.50B	*25.50	----	137	502 -	97	1.243.00B	25.50	
6110	35.50	50.25B	*27.00A	----	2	28	UNCH	1.252.50B	27.00A	
6120	32.50	32.50	*28.00A	----	6	25 -	6	1.262.00B	28.00A	
6130	48.00	54.50B	*29.25A	----	11	409 -	10	1.271.50B	29.25A	
6140	----	56.75B	*30.50A	----	5	24 -	5	1.281.00B	30.50A	
6150	42.50	42.50	*31.75A	----	11	269 -	1	1.290.75B	31.75A	
6160	40.50	61.50B	*33.25A	----	3	94 -	3	1.299.50B	33.25A	
6170	37.75	37.75	*34.50A	----	78	UNCH	1.310.25B	34.50A		
6180	----	66.75B	*36.25A	----	2	12 -	2	1.320.00B	36.25A	
6190	64.00	69.75B	*37.75A	----	10	53 +	7	1.328.50B	37.75A	
6200	63.00	72.50B	*39.50A	----	66	326 +	3	1.329.00B	39.50A	
6210	49.00	75.75B	*41.25A	----	6	39 +	1	1.348.75B	41.25A	
6220	----	79.00B	*43.25A	----	11	156 +	9	1.358.50B	43.25A	
6230	----	82.50B	*45.25A	----	82	173 +	61	1.368.25B	45.25A	
6240	53.50	86.00B	*47.25A	----	4	19	UNCH	1.377.25B	47.25A	
6250	58.00	89.75B	*49.25	----	30	100 +	24	1.387.00B	49.25	
6260	82.00	93.75B	*51.50	----	153	181 +	96	1.397.00B	51.50	
6270	89.50	97.75B	*54.50A	----	7	37 -	4	1.407.25B	54.50A	
6280	63.75	102.00B	*57.00A	----	5	33 -	3	1.417.25B	57.00A	
6290	62.00	106.25B	*60.00A	----	3	19 -	2	1.426.25B	60.00A	
6300	107.50	110.50B	*61.25	----	27	281 +	1	1.437.25B	61.25	
6310	83.50	115.50B	*66.00A	----	3	86 +	1	1.438.00B	66.00A	
6320	78.00	120.25B	*68.50	----	4	25 +	1	1.439.00B	68.50	
6330	84.50	125.25B	*72.75A	----	17	15 +	10	1.439.75B	72.75A	
6340	----	130.50B								



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CME Group, Inc.

20 South Wacker Drive, Chicago, Illinois 60606-7499.

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PG40	BULLETIN #222@	NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS								Thu, Nov 16, 2017		PG40	
6370	---	148.25B	*88.50A	---	97.50-	4975	.550	---	---	1	UNCH	1.265.75B	88.50A
6380	94.00	154.25B	*92.75A	---	102.00+	NEW	.571	---	1	+	1	1.275.50B	92.75A
6400	120.75	160.75B	*97.50A	---	106.75-	5300	.591	---	12	+	11	1.258.00B	97.50A
6410	126.50	167.50B	*102.50A	---	112.00-	5450	.613	---	14	+	14	1.151.25B	102.50A
6450	132.25	174.25B	*107.50A	---	117.50+	NEW	.634	---	6	+	6	1.161.00B	107.50A
6500	---	204.00B	*133.00A	---	142.50-	6050	.715	---	---	1	UNCH	1.200.00B	133.00A
6500	164.00	245.25B	*164.00	---	179.00-	6550	.803	---	20	+	20	1.192.75B	164.00
TOTAL									2431	+	23816	+	691
MAR18													
3730	---	---	---	---	2.70-	60	.005	---	---	2	UNCH	17.00	17.00
3740	---	---	---	---	2.75-	60	.005	---	---	1	UNCH	16.00B	----
3800	---	---	---	---	3.00-	65	.006	---	---	21	UNCH	31.50	3.00
3950	---	---	---	---	3.70-	80	.007	---	---	30	UNCH	25.75B	15.00
3980	---	---	---	---	3.85-	80	.007	---	---	8	UNCH	27.25B	33.00A
3990	---	---	---	---	3.90-	85	.008	---	---	10	UNCH	28.00B	33.25A
4000	---	---	---	---	3.95-	85	.008	---	---	250	UNCH	28.50B	7.00
4200	---	---	---	---	5.25-	100	.011	---	---	40	UNCH	64.75B	19.50
4400	---	---	---	---	7.25-	150	.015	---	---	200	UNCH	88.50B	10.25A
4460	---	---	---	---	8.00-	150	.017	---	---	4	UNCH	97.00B	11.25A
4490	---	---	---	---	8.25-	175	.018	---	---	10	UNCH	102.00B	11.50A
4500	---	---	---	---	8.50-	175	.018	---	---	23	UNCH	102.75B	8.25
4600	---	---	---	---	10.00-	225	.022	---	---	6	UNCH	119.75B	9.00
4610	---	---	---	---	10.25-	225	.023	---	---	7	UNCH	121.50B	13.50A
4650	---	---	---	---	10.75-	250	.024	---	---	1	UNCH	128.50B	11.50
4660	---	---	---	---	11.00-	250	.024	---	---	4	UNCH	130.50B	13.25A
4680	---	---	---	---	11.50-	250	.026	---	---	1	UNCH	134.25B	13.50A
4690	---	---	---	---	11.75-	250	.026	---	---	1	UNCH	136.00B	13.75A
4700	---	---	---	---	11.75-	275	.026	---	---	6	UNCH	138.00B	14.00A
4710	---	---	---	---	12.00-	275	.027	---	---	4	UNCH	140.00B	14.25A
4720	---	---	---	---	12.25-	275	.027	---	---	1	UNCH	142.00B	14.25A
4800	---	---	---	---	14.00-	325	.032	---	---	13	UNCH	158.50B	16.00A
4810	---	---	---	---	14.25-	325	.032	---	---	2	UNCH	160.75B	16.25A
4850	---	---	---	---	15.25-	350	.035	---	---	1	UNCH	169.75B	17.25A
4900	---	---	---	---	16.75-	375	.038	---	---	8	UNCH	181.75B	15.00
4950	---	---	---	---	18.25-	400	.042	---	---	2	UNCH	194.50B	19.75A
4960	---	---	---	---	18.50-	425	.042	---	---	15	UNCH	197.25B	19.75
4990	---	---	---	---	19.50-	425	.045	---	---	11	UNCH	205.25B	21.00A
5000	---	---	---	---	19.75-	450	.045	---	---	40	UNCH	208.25B	19.00
5010	---	---	---	---	20.25-	425	.047	---	---	21	UNCH	211.00B	21.75A
5020	---	---	---	---	20.50-	450	.047	---	---	10	UNCH	214.00B	20.25
5040	---	---	---	---	21.25-	450	.049	---	---	20	UNCH	219.75B	22.75A
5050	---	---	---	---	21.50-	475	.050	---	---	90	UNCH	222.75B	23.00A
5080	---	---	---	---	22.75-	500	.053	---	---	15	UNCH	232.00B	24.00A
5090	---	---	---	---	23.00-	500	.053	---	---	5	UNCH	235.00B	24.50A
5100	25.00	25.00	*24.75A	---	23.50-	500	.054	---	1	110	-	238.25B	24.75A
5150	---	---	*26.75A	---	25.50-	550	.059	---	---	150	UNCH	254.75B	26.75A
5190	---	---	*28.50A	---	27.50-	575	.064	---	---	5	UNCH	268.75B	28.50A
5200	---	---	28.75A	---	28.00-	575	.065	---	---	119	UNCH	272.25B	25.00A
5210	---	---	*29.25A	---	28.50-	600	.067	---	---	5	UNCH	275.75B	29.25A
5230	---	---	*30.25A	---	29.25-	625	.069	---	---	40	UNCH	283.25B	30.25A
5250	---	---	31.25A	---	30.50-	625	.071	---	---	69	UNCH	290.75B	28.25
5270	---	---	*32.25A	---	31.50-	650	.074	---	---	50	UNCH	298.50B	32.25A
5300	---	---	*33.75A	---	33.00-	700	.078	---	---	374	UNCH	310.50B	33.75A
5320	---	---	*34.75A	---	34.25-	725	.081	---	---	1	UNCH	318.75B	34.75A
5350	---	---	*36.50A	---	36.00-	775	.085	---	---	100	UNCH	331.25B	36.50A
5390	---	---	*39.00A	---	38.75-	800	.092	---	---	5	UNCH	348.75B	39.00A
5400	---	---	*39.75A	---	39.25-	850	.093	---	---	28	UNCH	353.25B	39.75A
5450	---	---	*43.00A	---	43.00-	900	.102	---	---	81	UNCH	376.75B	43.00A
5460	---	---	*43.75A	---	43.75-	925	.104	---	---	52	UNCH	381.50B	43.75A
5480	---	---	*45.25A	---	45.25-	950	.107	---	---	1	UNCH	391.25B	45.25A
5500	---	---	46.75A	---	47.00-	975	.111	---	---	158	UNCH	401.25B	43.00
5550	---	---	50.75A	---	51.25-	1075	.122	---	75	1	-	427.00B	50.50A
5580	---	---	53.50A	---	54.00-	1125	.128	---	---	38	UNCH	443.25B	53.25A
5590	---	---	54.50A	---	55.00-	1125	.131	---	---	3	UNCH	448.75B	54.25A
5600	60.00	60.00	55.25A	---	56.00-	1150	.133	---	15	97	+	454.50B	51.00
5610	58.50	58.50	56.25A	---	57.00-	1175	.136	---	4	1	-	460.00B	56.25A
5620	---	---	57.25A	---	58.25-	1175	.138	---	---	15	UNCH	465.75B	57.25A
5640	---	---	59.25A	---	60.25-	1225	.143	---	---	100	UNCH	477.25B	59.25A
5650	---	---	60.25A	---	61.25-	1250	.146	---	---	10	UNCH	483.25B	60.25A
5670	---	---	*62.25A	---	63.75-	1250	.151	---	---	1	UNCH	495.00B	62.25A
5680	---	---	63.50A	---	64.75-	1275	.154	---	---	21	UNCH	501.00B	63.50A
5690	---	---	*64.50A	---	66.00-	1300	.157	---	---	6	UNCH	507.25B	64.50A
5700	66.25	66.25	65.75A	---	67.25-	1300	.159	---	1	278	UNCH	513.25B	65.50A
5710	---	---	*66.75A	---	68.50-	1325	.162	---	---	1	UNCH	519.50B	66.75A
5740	---	---	70.25A	---	72.25-	1400	.171	---	---	48	UNCH	540.75B	70.25A
5750	---	---	71.50A	---	73.50-	1425	.174	---	85	85	+	547.25B	71.50A
5800	77.50	77.50	*76.00	---	80.25-	1550	.190	---	5	298	-	580.25B	76.00
5810	---	---	79.50A	---	81.75-	1575	.193	---	---	1	UNCH	587.00B	79.25A
5820	---	---	80.75A	---	83.25-	1600	.197	---	---	2	UNCH	594.00B	80.75A
5830	---	---	82.25A	---	84.75-	1625	.200	---	---	2	UNCH	600.75B	82.25A
5840	---	---	83.75A	---	86.25-	1650	.204	---	---	2	UNCH	607.75B	83.75A
5850	---	---	85.25A	---	87.75-	1700	.207	---	76	6	-	614.75B	85.25A
5860	---	---	86.75A	---	89.25-	1725	.211	---	---	2	UNCH	621.75B	86.75A
5870	---	---	88.25A	---	90.75-	1775	.214	---	---	18	UNCH	629.00B	88.25A
5880	---	---	89.75A	---	92.25-	1825	.218	---	---	3	UNCH	636.00B	89.75A
5890	---	---	91.50A	---	94.00-	1850	.222	---	---	2	UNCH	643.25B	91.50A
5900	---	---	93.00A	---	95.50-	1900	.226	---	---	123	UNCH	650.50B	92.75A
5910	---	---	94.75A	---	97.00-	1975	.229	---	---	3	UNCH	658.00B	94.75A
5950	---	---	101.75A	---	104.00-	2150	.246	---	---	34	UNCH	687.75B	101.50A
5980	---	---	107.25A	---	109.50-	2300	.259	---	---	1	UNCH	710.50B	107.00A
6000	127.00	127.00	111.25A	---	113.25-	2425	.267	---	12	45	+	726.25B	111.00A
6040	---	---	*119.50A	---	122.00-	2575	.287	---	---	49	UNCH	757.75B	119.50A
6050	---	---	*121.75A	---	124.25-	2625	.2						



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PG40	BULLETIN #222@	NASDAQ 100 AND E-MINI	NASDAQ 100	OPTIONS	Thu, Nov 16, 2017	PG40							
5910	----	----	169.00A	----	167.00-	2250	.275	----	----	2	UNCH	522.25B	165.50A
5930	----	----	173.50A	----	171.25-	2300	.282	----	----	16	UNCH	533.25B	169.75A
5950	----	----	178.00A	----	175.75-	2350	.289	----	----	1	UNCH	544.75B	174.25A
5980	----	----	185.00A	----	182.75-	2450	.300	----	----	16	UNCH	562.00B	181.25A
6110	----	----	218.75A	----	217.25-	2800	.352	----	----	1	UNCH	642.25B	214.75A
6120	----	----	221.50A	----	220.00-	2850	.357	----	----	6	UNCH	648.75B	218.00A
6200	262.00	262.00	245.75A	----	245.50+	NEW	.393	----	10	10 +	10	702.25B	247.50A
6250	----	----	262.25A	----	263.00-	3225	.416	----	----	1	UNCH	745.75B	259.00A
TOTAL									20	582 +	16		
SEP18													
4210	----	----	----	----	28.50-	325	.037	----	----	9	UNCH	26.00	25.00
4250	----	----	----	----	33.75-	375	.044	----	----	1	UNCH	54.75B	36.25A
4260	----	----	----	----	34.25-	375	.045	----	----	1	UNCH	55.50B	36.75A
4270	----	----	38.25A	----	34.75-	375	.045	----	----	1	UNCH	56.50B	37.25A
4280	----	----	38.75A	----	35.25-	375	.046	----	----	1	UNCH	57.25B	37.50A
4290	----	----	39.25A	----	35.50-	400	.046	----	----	1	UNCH	58.00B	38.00A
4300	----	----	39.50A	----	36.00-	400	.047	----	----	1	UNCH	59.00B	38.50A
4430	----	----	45.75A	----	42.50-	450	.056	----	----	5	UNCH	70.75B	33.75
4500	----	----	49.50A	----	46.25-	500	.061	----	----	1	UNCH	78.00B	45.00
4700	----	----	62.00A	----	59.00-	650	.078	----	----	3	UNCH	101.50B	56.00
5000	----	----	86.50A	----	84.00-	925	.111	----	----	1	UNCH	148.00B	86.00
5150	----	----	*102.00A	----	100.00-	1075	.132	----	----	10	UNCH	177.25B	102.00A
5300	----	----	*120.25A	----	118.75-	1250	.156	----	----	2	UNCH	211.25B	120.25A
5350	----	----	127.00A	----	125.50-	1325	.165	----	----	2	UNCH	223.75B	120.00
5600	----	----	*166.50A	----	166.00-	1750	.216	----	----	6	UNCH	296.25B	166.50A
6000	250.50	251.50B	*250.50	----	256.00-	2550	.327	----	2	2 +	2	454.75B	250.50
6100	----	----	284.75A	----	286.00-	2825	.361	----	----	1	UNCH	503.50B	280.25A
6170	----	----	306.75A	----	310.00-	3075	.386	----	----	1	UNCH	540.25B	302.50A
6250	----	----	334.00A	----	339.75-	3425	.417	----	----	10	UNCH	584.75B	327.25A
TOTAL									2	59 +	2		
NOV17													
1200	----	----	*.10A	----	.05-	15	.000	----	----	10	UNCH	.35	.10A
1210	----	----	*.10A	----	.05-	15	.000	----	----	10	UNCH	.35	.10A
1220	----	----	*.15A	----	.05-	20	.000	----	----	30	UNCH	.45B	.15A
1225	----	----	*.15A	----	.05-	20	.000	----	----	10	UNCH	2.85B	.15A
1225	----	----	*.10A	----	.05-	15	.000	----	----	10	UNCH	.40	.10A
1230	----	----	*.10A	----	.05-	20	.000	----	----	10	UNCH	.50	.10A
1245	----	----	*.10A	----	.05-	20	.000	----	----	20	UNCH	.55B	.10A
1285	----	----	*.20A	----	.15-	30	.004	----	----	17	UNCH	13.50B	.20A
1300	----	----	*.25A	----	.15-	40	.004	----	----	2	UNCH	15.60B	.25A
1305	----	----	*.25A	----	.20-	40	.005	----	----	17	UNCH	16.50B	.25A
1330	----	----	*.35A	----	.30-	50	.009	----	----	1	UNCH	21.20B	.35A
1350	----	----	*.50A	----	.40-	70	.013	----	----	2	UNCH	27.60B	.50A
1365	----	----	*.20A	----	.15-	50	.005	----	----	5	UNCH	1.90B	.20A
1375	----	----	*.25A	----	.20-	55	.007	----	----	10	UNCH	2.30B	.25A
1390	----	----	*.30A	----	.25-	75	.010	----	----	5	UNCH	3.20B	.30A
1395	1.00	1.00	*1.00	----	.90-	150	.035	----	1	1	UNCH	42.30B	1.00
1400	----	----	*.35A	----	.30-	95	.013	----	----	10	UNCH	4.05B	.35A
1405	----	----	*.40A	----	.30-	115	.014	----	----	5	UNCH	4.55B	.40A
1405	----	----	*1.20A	----	1.10-	195	.044	----	----	3	UNCH	46.50B	1.20A
1410	----	----	*.15A	----	.05-	50	----	----	----	175	UNCH	78.50B	.15A
1410	----	----	*.45A	----	.35-	135	.017	----	----	10	UNCH	5.10B	.45A
1415	----	----	*.20A	----	.05-	60	----	----	----	62	UNCH	82.00B	.20A
1415	----	----	*.50A	----	.40-	160	.020	----	----	10	UNCH	5.80B	.50A
1420	----	----	*1.70A	----	1.60-	300	.067	----	----	1	UNCH	53.50B	1.70A
1420	----	----	*.20A	----	.05-	75	----	----	----	109	UNCH	85.10B	.20A
1425	----	----	*.20A	----	.05-	90	.000	----	----	48	UNCH	88.60B	.20A
1425	0.70	.70	*.65A	----	.55-	225	.030	----	1	24 -	1	7.50B	.65A
1430	----	----	*.20A	----	.05-	110	.000	----	----	160	UNCH	92.40B	.20A
1430	----	----	*.75A	----	.65-	270	.036	----	----	25	UNCH	8.40B	.75A
1430	----	----	*2.25A	----	2.15-	395	.092	----	----	3	UNCH	58.70B	2.25A
1435	----	----	*.85A	----	.80-	325	.046	----	----	15	UNCH	9.60B	.85A
1435	0.20	.20	*.20	----	.05-	135	.000	----	1	380	UNCH	96.00B	.20
1440	----	----	*.25A	----	.10-	165	.000	----	----	88	UNCH	99.80B	.25A
1445	0.25	.25	*.25	----	.10-	215	.001	----	1	80	UNCH	103.70B	.25
1445	1.40	1.40	*1.15A	----	1.20-	470	.072	----	3	57	UNCH	12.40B	1.15A
1445	----	----	*3.45A	----	3.45-	615	.147	----	----	25	UNCH	67.50B	3.45A
1450	----	----	*1.35A	----	1.50-	570	.092	----	----	31	UNCH	14.00B	1.35A
1450	0.40	.40	*.25	----	.15-	290	.002	----	21	258 -	21	107.10B	.25
1455	----	----	*1.65A	----	1.90-	680	.118	----	----	11	UNCH	15.90B	1.65A
1455	0.40	.40	*.30A	----	.20-	395	.004	----	2	102 -	2	111.60B	.30A
1455	----	----	*4.60A	----	4.85-	785	.204	----	----	5	UNCH	73.80B	4.60A
1460	1.40	1.55B	*.35A	----	.30-	540	.008	----	1	245	UNCH	115.60B	.35A
1460	6.30	6.30	*2.00A	----	2.45-	805	.152	----	43	8 -	36	17.90B	2.00A
1460	5.90	5.90	*5.40A	----	5.80+	NEW	.239	----	4	4 +	4	77.20B	5.40A
1465	----	----	*1.05A	----	.40-	740	.016	----	----	249	UNCH	119.70B	1.05A
1465	----	----	*2.60A	----	3.20-	940	.197	----	----	16	UNCH	20.10B	2.60A
1465	7.00	16.80B	*6.20A	----	6.90-	980	.279	----	2	3	UNCH	80.70B	6.20A
1470	1.20	1.20	*1.20	----	.60-	1000	.035	----	1	318 -	1	124.00B	1.20
1470	----	----	*3.20A	----	4.15-	1095	.251	----	----	18	UNCH	22.50B	3.20A
1475	5.40	5.60B	*.80A	----	1.00-	1290	.084	----	54	131 -	14	128.20B	.80A
1475	----	----	*4.10A	----	5.40-	1260	.317	----	----	29	UNCH	25.80B	4.10A
1480	5.00	5.00	*1.20A	----	1.80-	1600	.205	----	3	150	UNCH	132.30B	1.20A
1480	15.50	24.90B	*9.90A	----	11.40-	1330	.426	----	6	6	UNCH	91.90B	9.90A
1480	----	----	*5.30A	----	6.90-	1440	.392	----	----	6	UNCH	29.40B	5.30A
1485	4.75	5.50B	*2.00A	----	3.40-	1880	.441	----	13	195 -	2	137.10B	2.00A
1485	14.50	15.10B	*6.80A	----	8.90-	1600	.479	----	20	17 +	16	33.30B	6.80A
1490	7.50	7.50	*5.70A	----	6.20-	2060	.719	----	1	429 -	1	141.60B	5.70A
1490	----	----	*8.70A	----	11.30-	1760	.570	----	----	8	UNCH	37.50B	8.70A
1495	----	----	*11.00A	----	14.20-	1880	.661	----	----	23	UNCH	41.80B	11.00A
1495	----	----	*6.00A	----	10.10-	2140	.886	----	----	304	UNCH	145.80B	6.00A
1495	----	35.40B	16.00A	----	18.50-	1680	.604	----	----	2	UNCH	104.40B	14.90A
1500	----	----	13.50A	----	14.70-	2170	.948	----	----	114	UNCH	150.40B	12.20A
1500	----	----	14.50A	----	17.70-	1980	.743	----	----	26	UNCH	46.40B	14.40A
1505	----	----	17.90A	----	21.50-	2050	.812	----	----	18	UNCH	51.00B	16.10A
1505	----	----	18.30A	----	19.50-	2180	.973	----	----	56	UNCH	155.00B	13.80A
1510	----	----	----	----	24.40-	2190	.988	----	----	73	UNCH	159.70B	15.70A
1510	----	----	21.80A	----	25.70-	2100	.867	----	----	5	UNCH	55.80B	17.90A
1515	----	----	----	----	29.20-	2200	.993	----	----	37	UNCH	164.40B	17.60A
1515	----	----	26.20A	----	30.20-	2130	.904	----	----	11	UNCH	60.70B	20.00A
1520	----	----	----	----	34.10-	2210	.997	----	----	105	UNCH	169.20B	20.00A
1525	----	----	----	----	39.10-	2210	.998	----	----	11	UNCH	174.50B	22.60A
2150	----	----	----	----	663.60-	2220	1.000	----	----	3	UNCH	685.50B	634.50A
TOTAL									178	4477 -	58		
DEC17													
1125	----	----	----	----	.60-	15	.008	----	----	100	UNCH	.95	.75
1130	----	----	----	----	.65-	10	.009	----	----	50	UNCH	1.00	.90A
1150	----	----	----	----	.75-	15	.011	----	----	61	UNCH	1.40B	.85
1160	----	----	----	----	.80-	20	.012	----	----	159	UNCH	1.50B	.70
1170	----	----	----	----	.85								



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FINAL

Table with columns: PG40, BULLETIN #222@, NASDAQ 100 AND E-MINI, NASDAQ 100 OPTIONS, Thu, Nov 16, 2017, PG40. Rows include various contract specifications and prices for different months (e.g., JAN18, FEB18, DEC17, MAR18).

ADDITIONAL NASDAQ PUTS

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FINAL

PG40 BULLETIN #222@

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS

Thu, Nov 16, 2017 PG40

STRIKE	OPEN	RANGE	HIGH	LOW	CLOSING	RANGE	SETT. PRICE & PT. CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	--CONTRACT-- HIGH	LOW		
4360	---	---	---	---	---	---	CAB	---	---	---	1	UNCH	4.10B	2.05	
4430	---	---	---	---	---	---	CAB	---	---	---	10	UNCH	4.95B	.35A	
4500	---	---	---	---	---	---	CAB	---	---	---	3	UNCH	6.00	.35A	
4530	---	---	---	---	---	---	CAB	---	---	---	6	UNCH	6.50	.35A	
4570	---	---	---	---	---	---	CAB	---	---	---	100	UNCH	7.00B	.35A	
4600	---	---	---	---	---	---	CAB	---	---	---	1	UNCH	7.50B	.40A	
4620	---	---	---	---	---	---	CAB	---	---	---	3	UNCH	7.75B	.40A	
4650	---	---	---	---	---	---	CAB	---	---	---	152	UNCH	8.50B	.40A	
4660	---	---	---	---	---	---	CAB	---	---	---	455	UNCH	8.50B	.40A	
4670	---	---	---	---	---	---	CAB	---	---	---	178	UNCH	8.75B	.40A	
4700	---	---	---	---	---	---	CAB	---	---	---	2	UNCH	9.75B	.40A	
4730	---	---	---	---	---	---	CAB	---	---	---	122	UNCH	12.50B	.40A	
4750	---	---	---	---	---	---	CAB	---	---	---	692	UNCH	13.25B	.45A	
4770	---	---	---	---	---	---	CAB	---	---	---	224	UNCH	14.00B	.45A	
4790	---	---	---	---	---	---	CAB	---	---	---	875	UNCH	14.75B	.45A	
4800	---	---	---	---	---	---	CAB	---	---	---	300	UNCH	15.25B	.45A	
4850	---	---	---	---	---	---	CAB	---	---	---	40	UNCH	17.25B	.55A	
4900	---	---	---	---	---	---	CAB	---	---	---	10	UNCH	19.75B	.60A	
4950	---	---	---	---	---	---	CAB	---	---	---	12	UNCH	22.50B	.65A	
4990	---	---	---	---	---	---	CAB	---	---	---	5	UNCH	25.00	.70A	
5000	---	---	---	---	---	---	CAB	---	---	---	1200	UNCH	25.50B	.60	
5020	---	---	---	---	---	---	CAB	---	---	---	19	UNCH	26.75B	.70A	
5030	---	---	---	---	---	---	CAB	---	---	---	23	UNCH	27.50B	.75A	
5040	---	---	---	---	---	---	CAB	---	---	---	7	UNCH	28.25B	.75A	
5050	---	---	---	---	---	---	CAB	---	---	---	230	UNCH	29.00B	.25A	
5070	---	---	---	---	---	---	CAB	---	---	---	45	UNCH	30.50B	.80A	
5080	---	---	---	---	---	---	CAB	---	---	---	257	UNCH	31.25B	.25A	
5090	---	---	---	---	---	---	CAB	---	---	---	5	UNCH	32.00B	.65A	
5100	---	---	---	---	---	---	CAB	---	---	---	146	UNCH	32.75B	.30A	
5110	---	---	---	---	---	---	CAB	---	---	---	3	UNCH	33.50B	.30A	
5120	---	---	---	---	---	---	CAB	---	---	---	2	UNCH	34.50B	.30A	
5130	---	---	---	---	---	---	CAB	---	---	---	6	UNCH	35.25B	.30A	
5140	---	---	---	---	---	---	CAB	---	---	---	42	UNCH	36.25B	.30A	
5150	---	---	---	---	---	---	CAB	---	---	---	1	UNCH	37.00B	.30A	
5160	---	---	---	---	---	---	CAB	---	---	---	51	UNCH	38.00B	.30A	
5170	---	---	---	---	---	---	CAB	---	---	---	226	UNCH	39.00B	.20	
5180	---	---	---	---	---	---	CAB	---	---	---	25	UNCH	40.00B	.30A	
5200	---	---	---	---	---	---	CAB	---	---	---	869	UNCH	58.25B	.30A	
5210	---	---	---	---	---	---	CAB	---	---	---	3	UNCH	43.00B	.30A	
5220	---	---	---	---	---	---	CAB	---	---	---	13	UNCH	44.00B	.20	
5230	---	---	---	---	---	---	CAB	---	---	---	100	UNCH	45.00B	.30A	
5250	---	---	---	---	---	---	CAB	---	---	---	120	UNCH	47.25B	.30A	
5260	---	---	---	---	---	---	CAB	---	---	---	1	UNCH	48.50B	.30A	
5270	---	---	---	---	---	---	CAB	---	---	---	7	UNCH	49.75B	.30A	
5280	---	---	---	---	---	---	CAB	---	---	---	2	UNCH	51.00B	.30A	
5290	---	---	---	---	---	---	CAB	---	---	---	2	UNCH	52.25B	.30A	
5300	---	---	---	---	---	---	CAB	---	---	---	41	UNCH	53.50B	.30A	
5310	---	---	---	---	---	---	CAB	---	---	---	225	UNCH	54.75B	.30A	
5320	---	---	---	---	---	---	CAB	---	---	---	7	UNCH	56.25B	.30A	
5330	---	---	---	---	---	---	CAB	---	---	---	228	UNCH	57.50B	.30A	
5350	---	---	---	---	---	---	CAB	---	---	---	245	UNCH	60.25B	.30A	
5370	---	---	---	---	---	---	CAB	---	---	---	12	UNCH	63.25B	.30A	
5380	---	---	---	---	---	---	CAB	---	---	---	2	UNCH	64.75B	.30A	
5390	---	---	---	---	---	---	CAB	---	---	---	4	UNCH	66.50B	.30A	
5400	---	---	---	---	---	---	CAB	---	---	---	88	UNCH	68.00B	.30A	
5420	---	---	---	---	---	---	CAB	---	---	---	90	UNCH	71.25B	.30A	
5430	---	---	---	---	---	---	CAB	---	---	---	2	UNCH	73.00B	.30A	
5440	---	---	---	---	---	---	CAB	---	---	---	311	UNCH	74.75B	.30A	
5450	---	---	---	---	---	---	CAB	---	---	---	15	UNCH	76.50B	.35A	
5460	---	---	---	---	---	---	CAB	---	---	---	852	UNCH	78.50B	.15	
5470	---	---	---	---	---	---	CAB	---	---	---	3	UNCH	80.25B	.35A	
5480	---	---	---	---	---	---	CAB	---	---	---	15	UNCH	82.25B	.50A	
5490	.45	---	.45	*.25A	---	---	CAB	---	---	2	4	UNCH	84.25B	.25A	
5500	---	---	---	---	---	---	CAB	---	---	---	100	UNCH	86.25B	.50A	
5510	---	---	---	---	---	---	CAB	---	---	---	10	UNCH	88.25B	.45A	
5520	---	---	---	---	---	---	CAB	---	---	---	6	UNCH	90.50B	.45A	
5530	---	---	---	---	---	---	CAB	---	---	---	5	UNCH	92.50B	.45A	
5540	---	---	---	---	---	---	CAB	---	---	---	7	UNCH	94.75B	.60A	
5550	---	---	---	---	---	---	CAB	---	---	---	458	UNCH	97.00B	.60A	
5560	---	---	---	---	---	---	CAB	---	---	---	5	UNCH	99.25B	.65A	
5570	---	---	---	---	---	---	CAB	---	---	---	436	UNCH	101.50B	.70A	
5580	---	---	---	---	---	---	CAB	---	---	---	43	UNCH	104.00B	.40A	
5590	---	---	---	---	---	---	CAB	---	---	---	32	UNCH	106.50B	.70A	
5600	---	---	---	---	---	---	CAB	---	---	---	85	UNCH	109.00B	.40	
5610	---	---	---	---	---	---	CAB	---	---	---	182	UNCH	111.75B	.75A	
5620	---	---	---	---	---	---	CAB	---	---	---	513	UNCH	114.50B	.50	
5630	---	---	---	---	---	---	CAB	---	---	---	3	UNCH	117.00B	.85A	
5640	---	---	---	---	---	---	CAB	---	---	---	158	UNCH	120.25B	.90A	
5650	---	---	---	---	---	---	CAB	---	---	---	780	UNCH	123.25B	.95A	
5660	---	---	---	---	---	---	CAB	---	---	---	60	UNCH	126.25B	.95A	
5670	---	---	---	---	---	---	CAB	---	---	---	14	UNCH	129.25B	1.00A	
5680	---	---	---	---	---	---	CAB	---	---	---	99	UNCH	132.50B	1.00	
5690	---	---	---	---	---	---	CAB	---	---	---	37	UNCH	135.75B	1.05A	
5700	---	---	---	---	---	---	CAB	---	---	---	431	UNCH	139.00B	.50	
5720	---	---	---	---	---	---	CAB	---	---	---	800	UNCH	146.00B	1.10A	
5730	---	---	---	---	---	---	CAB	---	---	---	703	UNCH	149.25B	1.10A	
5740	---	---	---	---	---	---	CAB	---	---	---	84	UNCH	153.00B	1.15A	
5750	---	---	---	---	---	---	CAB	---	---	---	478	UNCH	157.00B	1.20A	
5760	---	---	---	---	---	---	CAB	---	---	---	48	UNCH	160.50B	1.20A	
5770	---	---	---	---	---	---	CAB	---	---	---	52	UNCH	164.25B	1.20A	
5780	---	---	---	---	---	---	CAB	---	---	---	512	UNCH	168.25B	1.25A	
5790	---	---	---	---	---	---	CAB	---	---	---	36	UNCH	172.25B	1.30A	
5800	.20	---	.20	*.20	---	---	CAB	---	---	11	1000	11	176.50B	.20	
5810	---	---	---	---	---	---	CAB	---	---	---	29	UNCH	180.75B	1.35A	
5820	---	---	---	*.40A	---	---	CAB	---	---	---	121	UNCH	185.00B	.40A	
5830	---	---	---	*.40A	---	---	CAB	---	---	---	286	UNCH	189.50B	.40A	
5840	---	---	---	*.40A	---	---	CAB	---	---	---	167	UNCH	194.25B	.40A	
5850	---	---	---	*.40A	---	---	CAB	.05-	0.55	---	385	UNCH	198.25B	.40A	
5860	---	---	---	*.40A	---	---	CAB	.05-	0.55	---	371	UNCH	203.50B	.40A	
5870	---	---	---	*.40A	---	---	CAB	.05-	0.60	---	97	UNCH	208.25B	.40A	
5880	---	---	---	*.40A	---	---	CAB	.05-	0.65	---	488	UNCH	213.00B	.40A	
5890	---	---	---	*.40A	---	---	CAB	.05-	0.70	---	93	UNCH	217.75B	.40A	
5900	---	---	---	*.45A	---	---	CAB	.05-	0.75	---	850	UNCH	223.00B	.45A	
5910	---	---	---	*.40A	---	---	CAB	.05-	0.80	.000	61	UNCH	228.25B	.40A	
5920	---	---	---	*.40A	---	---	CAB	.05-	0.85	.000	51	UNCH	233.25B	.40A	
5930	---	---	---	*.40A	---	---	CAB	.10-	0.90	.000	26	UNCH	239.00B	.40A	
5940	---	---	---	*.40A	---	---	CAB	.10-	0.95	.000	2	130	UNCH	244.50B	.40A
5950	.10	---	.10	*.10	---	---	CAB	.10-	1.00	.000	3	348	3	250.00B	.10
5960	---	---	---	*.40A	---	---	CAB	.10-	1.05	.000	50	UNCH	255.75B	.40A	
5970	---	---	---	*.40A	---	---	CAB	.15-	1.10	.000	144	UNCH	261.50B	.40A	
5980	---	---	---	*.40A	---	---	CAB	.15-	1.15	.000	599	UNCH	267.50B	.40A	
5990	.40	---	.55	*.40	---	---	CAB	.15-	1.25	.000	4	84	UNCH	273.25B	.40
6000	---	---	---	*.40A	---	---	CAB	.20-	1.25	.000	---	1225	UNCH	279.75B	.40A
6010	---	---	---	*.45A	---	---	CAB	.25-	1.30	.000	---	11	UNCH	286.00B	.45A
6020	.65	---	.65	*.50A	---	---	CAB	.25-	1.40</						



CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000



FINAL

PG40 BULLETIN #222@ NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS Thu, Nov 16, 2017 PG40

Table with multiple columns containing market data for various options contracts, including prices, volumes, and bid/ask information.



2017 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

20 South Wacker Drive, Chicago, Illinois 60606-7499.

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FINAL

PG40 BULLETIN #222@		NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS						Thu, Nov 16, 2017			PG40				
MINI	NSDQ	EOM	P												
5630				----	*12.00A	----	11.50-	5.75	.051	----	----	10	UNCH	112.50B	12.00A
5650				----	*12.50A	----	12.00-	6.00	.054	----	1	4 +	1	117.00B	12.50A
5660				----	*12.75A	----	12.25-	6.25	.055	----	----	3	UNCH	119.50B	12.75A
5690				----	*13.50A	----	13.25-	6.75	.060	----	----	12	UNCH	127.75B	13.50A
5700	14.00			14.00	*13.75A	----	13.50-	7.25	.062	----	3	6	UNCH	131.00B	13.75A
5710				----	*14.25A	----	14.00-	7.25	.064	----	----	3	UNCH	134.00B	14.25A
5720				----	*14.50A	----	14.25-	7.50	.065	----	----	15	UNCH	136.75B	14.50A
5730				----	*14.75A	----	14.75-	7.50	.068	----	----	1	UNCH	139.75B	14.75A
5750				----	*15.50A	----	15.50-	8.00	.072	----	3	10 +	3	146.25B	15.50A
5770				----	*16.25A	----	16.25-	8.75	.076	----	----	4	UNCH	153.00B	16.25A
5780				----	*16.75A	----	16.75-	8.75	.078	----	----	4	UNCH	156.75B	16.75A
5790				----	*17.00A	----	17.25-	9.00	.081	----	----	3	UNCH	159.75B	17.00A
5800				----	*17.50A	----	17.75-	9.25	.083	----	----	22	UNCH	163.50B	17.50A
5810				----	*18.00A	----	18.25-	9.50	.086	----	----	2	UNCH	167.25B	18.00A
5820				----	*18.50A	----	18.75-	9.75	.088	----	----	1	UNCH	170.75B	18.50A
5830				----	*19.00A	----	19.25-	10.00	.091	----	----	2	UNCH	175.00B	19.00A
5840	18.75			18.75	*18.75	----	19.75-	10.50	.093	----	1	1 +	1	178.50B	18.75
5850				----	*20.00A	----	20.25-	10.75	.096	----	----	8	UNCH	182.50B	20.00A
5870	20.25			20.25	*20.25	----	21.50-	11.25	.102	----	3	100	UNCH	190.75B	20.25
5880				----	*21.50A	----	22.25-	11.50	.106	----	----	1	UNCH	195.00B	21.50A
5890				----	*22.25A	----	22.75-	12.00	.109	----	----	8	UNCH	199.25B	22.25A
5900				----	*22.75A	----	23.50-	12.25	.112	----	33	15 -	20	203.50B	22.75A
5920				----	*24.00A	----	25.00-	13.00	.120	----	----	7	UNCH	213.00B	24.00A
5940				----	*25.50A	----	26.50-	13.75	.127	----	----	1	UNCH	222.25B	25.50A
5950				----	*26.25A	----	27.25-	14.25	.131	----	----	7	UNCH	226.75B	26.25A
5960				----	*27.00A	----	28.00-	14.75	.135	----	----	1	UNCH	231.75B	27.00A
5970				----	*27.75A	----	29.00-	15.00	.140	----	----	6	UNCH	237.00B	27.75A
5980				----	*28.75A	----	30.00-	15.50	.145	----	----	3	UNCH	241.75B	28.75A
6000	30.25			30.25	*30.25	----	31.75-	16.50	.154	----	38	47 -	21	252.50B	30.25
6010				----	*31.50A	----	32.75-	17.25	.159	----	----	200	UNCH	257.75B	31.50A
6030				----	*33.50A	----	35.00-	18.00	.170	----	----	1	UNCH	268.75B	33.50A
6050				----	*35.50A	----	37.25-	19.25	.181	----	----	2	UNCH	280.50B	35.50A
6060				----	*36.75A	----	38.50-	20.00	.187	----	----	4	UNCH	286.50B	36.75A
6070				----	*38.00A	----	40.00-	20.25	.194	----	----	40	UNCH	292.50B	38.00A
6080				----	*39.00A	----	41.25-	21.00	.200	----	----	41	UNCH	298.50B	39.00A
6100				----	*41.75A	----	44.00-	22.25	.214	----	6	73	UNCH	311.25B	41.75A
6130				----	*46.00A	----	48.75-	24.25	.236	----	----	2	UNCH	330.75B	46.00A
6140				----	*47.75A	----	50.50-	25.00	.244	----	----	1	UNCH	337.50B	47.75A
6150				----	*49.25A	----	52.25-	25.75	.252	----	----	21	UNCH	344.00B	49.25A
6160				----	*51.00A	----	54.25-	26.25	.261	----	----	1	UNCH	351.25B	51.00A
6180				----	*54.50A	----	58.25-	27.50	.279	----	1	----	1	365.50B	54.50A
6200				91.75B	*58.50A	----	62.50-	29.00	.298	----	13	22 +	11	380.00B	58.50A
6210				----	*60.75A	----	64.75-	30.00	.308	----	----	2	UNCH	387.50B	60.75A
6230	66.75			101.25B	*65.00A	----	69.50-	31.50	.329	----	5	106 +	5	402.50B	65.00A
6240	90.00			91.50B	*67.50A	----	72.00-	32.50	.340	----	1	1	UNCH	410.50B	67.50A
6250	84.75			84.75	*69.75A	----	74.75-	33.25	.351	----	1	3 -	1	418.50B	69.75A
6260				112.00B	*72.50A	----	77.50-	34.00	.363	----	----	101	UNCH	426.50B	72.50A
6280				120.00B	*77.75A	----	83.25-	36.00	.387	----	----	100	UNCH	442.50B	77.75A
6310				132.75B	*86.75A	----	93.00-	38.75	.425	----	----	6	UNCH	468.00B	86.75A
6400				----	*121.50A	----	129.25-	49.25	.556	----	----	4	UNCH	547.75B	121.50A
6500				----	*175.50A	----	185.25-	60.75	.716	----	----	1	UNCH	641.75B	175.50A
6550				286.25B	*210.00A	----	220.25-	65.50	.790	----	----	1	UNCH	690.25B	210.00A
TOTAL											138	1481 -	36		
201801C	MINI	NSDQ	EOM	P											
4500				----	----	----	3.00-	1.10	.008	----	----	9	UNCH	5.25	5.25
4540				----	----	----	3.30-	1.20	.009	----	----	6	UNCH	6.50B	4.50
4600				----	----	----	3.75-	1.50	.010	----	----	9	UNCH	9.25	7.00A
4640				----	----	----	4.10-	1.65	.011	----	----	5	UNCH	10.00	7.00
4650				----	----	----	4.20-	1.55	.012	----	----	2	UNCH	10.00	7.50A
4660				----	----	----	4.30-	1.70	.012	----	----	1	UNCH	10.00	7.50A
4670				----	----	----	4.40-	1.85	.012	----	----	1	UNCH	10.00	7.75A
4680				----	----	----	4.50-	1.75	.013	----	----	1	UNCH	10.00	7.75A
4690				----	----	----	4.60-	1.90	.013	----	----	1	UNCH	10.00	8.00A
4700				----	----	----	4.70-	1.80	.013	----	----	84	UNCH	11.00	5.50
4800				----	----	----	5.75-	2.25	.016	----	----	25	UNCH	15.50	7.50A
4810				----	*7.50A	----	6.00-	2.25	.017	----	----	3	UNCH	12.25B	7.00
4860				----	*8.00A	----	6.50-	2.50	.019	----	----	10	UNCH	13.75B	8.00A
4880				----	*8.25A	----	6.75-	2.50	.019	----	----	5	UNCH	14.50B	8.25A
4950				----	9.25A	----	7.75-	2.75	.023	----	----	3	UNCH	17.00B	7.00A
5140				----	*12.25A	----	11.25-	3.75	.034	----	----	1	UNCH	26.25B	12.25A
5200				----	*13.50A	----	12.50-	4.25	.038	----	----	2	UNCH	30.00B	13.50A
5240				----	*14.50A	----	13.50-	4.50	.041	----	----	1	UNCH	32.75B	14.50A
5300				----	*16.00A	----	15.00-	5.25	.047	----	----	1	UNCH	37.25B	16.00A
5320				----	*16.50A	----	15.75-	5.25	.049	----	----	15	UNCH	38.75B	16.50A
5350				----	*17.50A	----	16.75-	5.75	.052	----	----	2	UNCH	41.50B	17.50A
5360				----	*17.75A	----	17.00-	5.75	.053	----	----	15	UNCH	42.25B	17.75A
5400				----	*19.00A	----	18.50-	6.25	.058	----	----	5	UNCH	46.25B	19.00A
5440				----	*20.50A	----	20.00-	6.75	.063	----	----	4	UNCH	50.25B	20.50A
5500				----	*22.75A	----	22.75-	7.50	.072	----	----	5	UNCH	57.25B	20.00
5600				----	*27.75A	----	28.00-	9.25	.090	----	----	1	UNCH	84.00B	27.75A
5620				----	*28.75A	----	29.25-	9.50	.094	----	2	1 -	1	87.75B	28.75A
5650				----	*30.50A	----	31.25-	10.00	.101	----	----	1	UNCH	93.50B	30.50A
5670				----	*32.00A	----	32.50-	10.50	.105	----	2	----	2	97.50B	32.00A
5800				----	*42.00A	----	43.00-	14.00	.140	----	----	12	UNCH	128.00B	42.00A
5810				----	*42.75A	----	44.00-	14.25	.143	----	----	100	UNCH	130.75B	42.75A
5900				----	*52.25A	----	53.75-	17.25	.176	----	----	1	UNCH	157.75B	52.25A
5940				----	*57.00A	----	59.00-	18.50	.193	----	----	100	UNCH	171.50B	57.00A
5990				----	*64.00A	----	66.25-	20.50	.216	----	----	5	UNCH	190.25B	64.00A
6000				----	*65.50A	----	67.75-	21.00	.221	----	----	4	UNCH	194.25B	65.50A
6100	98.25			99.25B	*82.75A	----	85.75-	26.00	.277	----	1	50	UNCH	239.00B	82.75A
6200				----	*105.00A	----	109.25-	31.75	.347	----	----	1	UNCH	293.00B	105.00A
6230				----	*113.00A	----	117.50-	33.75	.371	----	----	50	UNCH	311.25B	113.00A
6300				----	*134.50A	----	139.75-	38.50	.432	----	----	3	UNCH	357.50B	134.50A
TOTAL											5	545 -	3		
201802C	MINI	NSDQ	EOM	P											
4660				----	----	----	8.00-	2.00	.020	----	----	1	UNCH	10.00	10.00
4670				----	10.00A	----	8.25-	2.00	.020	----	----	1	UNCH	10.00	10.00
4680				----	----	----	8.25-	2.00	.020	----	----	1	UNCH	10.00	10.00