



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



PRELIMINARY

PG40 BULLETIN # 78@ NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS Tue, Apr 24, 2018 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=BIID 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=BIID 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:	JUN18	SEP18	DEC18	MAR19
E-MINI NASDAQ FUT	06/15	09/21	12/21	
E-MINI NASDAQ OPT	06/15	09/21	12/21	03/15

EXPIRATION:

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS ON FUTURES

ELIGIBLE OPTIONS SERIES (CALLS & PUTS) FOR TRADING: TUE, APR 24												
	JUN18	SEP18	DEC18	MAR19								
QZ	3900-9150	4120-9190	4350-9210	4370-9240								
EMINI NASD FUT												
JUN18	6660.75			6717.75	6467.25	6526.75	- 14025	1040	625749	233431 +	6290 7214.50	5350.75A
SEP18	6693.00			6742.50B	6494.75A	6552.50	- 14050	----	1184	11179 +	170 7240.75B	5696.75A
DEC18	6766.00			6766.25B	6529.75A	6580.00	- 13975	----	19	100 -	2 7206.50B	5917.25A
MAR19	----			6759.50B	6577.50A	6599.25	- 14025	----	----	6	UNCH 7215.25B	6394.25A
TOTAL EMINI NASD FUT								1040	626952	244716 +	6458	
RTY FUT												
JUN18	1564.20			1577.80	1542.90	1556.80	- 850	3990	130382	502306 +	6403 1622.50B	1421.30A
SEP18	1578.20			1581.80B	1548.00A	1561.30	- 840	----	43	737 +	24 1600.00B	1488.20A
DEC18	----			----	----	1562.20	- 840	----	----	4	UNCH ----	----
TOTAL RTY FUT								5030	757377	503047 +	12885	

ADDITIONAL NASDAQ 100 FUTURES

	LOBEX OPEN	LOBEX HIGH	LOBEX LOW	SETT. PRICE & PT. CHGE	RTH VOLUME	LOBEX <sup>®</sup> VOLUME	OPEN INTEREST	--CONTRACT-- HIGH	LOW
BTC FUT									
APR18	8965.00	9465.00	8920.00	9455.00 + 61000	30	4651	944 -	17311780.00B	5995.00A
MAY18	8945.00	9480.00B	8940.00	9470.00 + 61000	30	443	1152 +	26910810.00B	6490.00A
JUN18	8980.00	9470.00B	8980.00	9475.00 + 61500	----	66	258 +	1720040.00	6060.00
SEP18	9100.00	#9465.00B	9100.00	9510.00 + 61500	----	6	26 +	49465.00B	6640.00A
TOTAL BTC FUT					60	5166	380.00 +	117	
EI FUT									
JUN18	562.40	567.20B	556.50A	558.80 - 290	----	5	-	5605.00B	554.70A
TOTAL EI FUT					0	5	0.00 -	5	
ENY FUT									
JUN18	----	#22330.00B	21980.00A	22075.0 - 11500	----	----	26	UNCH22330.00B	19480.00A
TOTAL ENY FUT					0	0	26.00		
FT1 FUT									
JUN18	7357.00	#7382.00B	7297.00A	7317.00 - 3300	----	90	105 +	257382.00B	6768.00A
TOTAL FT1 FUT					0	90	105.00 +	25	
FT5 FUT									
JUN18	21285.00	21395.00B	21020.00A	21130.0 + 29000	----	84	125 -	2422570.00B	20375.00A
TOTAL FT5 FUT					0	84	125.00 -	24	
FTU FUT									
JUN18	1115.60	1117.90B	1106.70A	1125.50 + 1360	----	55		UNCH1124.70B	1040.30A
TOTAL FTU FUT					0	55	0.00		
II FUT									
APR18	----	----	----	10239.5 + UNCH	----	----	876 +	294----	----
TOTAL II FUT					0	0	876.00 +	294	
RS1 FUT									
JUN18	1486.70	1488.80	1452.10	1461.10 - 1970	----	559	9409 +	541554.60B	1416.80A
TOTAL RS1 FUT					0	559	409.00 +	54	
RSG FUT									
JUN18	1386.50	1388.40	1346.20A	1355.00 - 2750	----	562	3996 -	101465.00B	1323.50A
TOTAL RSG FUT					0	562	996.00 -	10	
RSV FUT									
JUN18	1199.10	1202.20	1178.40	1185.70 - 800	----	546	8239 +	301240.80	1141.00A
TOTAL RSV FUT					0	546	239.00 +	30	
SDA FUT									
DEC18	54.150	54.150	54.100A	54.200 + 50	----	20	47364	UNCH54.550	44.000A
DEC19	57.000	57.050B	57.000	57.100 - 100	----	47	24744 +	6057.900	43.950A
DEC20	59.500	59.500	59.500	59.600 - 100	----	20	20321 -	2061.350	43.900A
DEC21	61.650	61.650	61.650	61.800 - 350	----	20	5972	UNCH64.150B	44.150A
DEC22	63.700	63.700	63.550A	63.600 - 750	----	2	3455	UNCH66.250	56.400A
DEC23	----	66.050B	65.300A	65.400 - 600	----	----	965	UNCH68.050B	57.800A
DEC24	----	----	67.150A	67.200 - 550	----	----	2015	UNCH69.700B	59.800A
DEC25	----	----	68.800A	68.800 - 550	----	----	625	UNCH71.150B	60.650A
DEC26	----	----	70.400A	70.500 - 500	----	----	945	UNCH72.800B	62.150A
DEC27	----	----	72.050A	72.100 - 550	----	----	818	UNCH74.300B	63.900A
DEC28	----	74.150B	73.450A	73.550 - 550	----	----	40	UNCH76.550B	71.500A
TOTAL SDA FUT					0	109	264.00 +	40	
SDI FUT									
JUN18	----	----	----	13.200 + UNCH	----	----	80	UNCH13.350	12.750A
MAR19	----	----	----	13.800 + UNCH	----	----	80	UNCH13.900	13.700A
JUN19	----	----	----	13.400 + UNCH	----	----	40	UNCH13.400	13.300A
TOTAL SDI FUT					0	0	200.00		
TPY FUT									
JUN18	----	#1773.50B	1747.50A	1754.00 - 600	----	----	90	UNCH1773.50B	1625.00A
TOTAL TPY FUT					0	0	90.00		
TRI FUT									
JUN18	----	----	----	5185.50 - 7050	----	----	20260	UNCH----	----
SEP18	----	----	----	5223.00 - 7150	----	----	9950	UNCH----	----
DEC18	----	----	----	5257.50 - 7150	----	----	18250	UNCH----	----
MAR19	----	----	----	5294.50 - 7150	----	----	38100	UNCH----	----
JUN19	----	----	----	5337.50 - 7150	----	----	800	UNCH----	----
TOTAL TRI FUT					0	0	360.00		

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
MAY18												
6390	----		338.25B	*168.25A	----	195.00- 11125	.699	----	----	4	UNCH	487.50B 168.25A
6400	----		329.50B	*162.50A	----	187.75- 11025	.687	----	----	4	UNCH	479.25B 162.50A
6430	----		303.25B	*139.25A	----	166.25- 10700	.649	----	----	55	UNCH	454.25B 139.25A
6440	----		294.75B	*133.00A	----	159.50- 10575	.636	----	----	4	UNCH	446.50B 133.00A
6450	155.00		286.00B	*127.00A	----	152.75- 10450	.622	----	2	10 +	1	438.00B 127.00A



2018 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

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Table with columns: PG40, BULLETIN # 78@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Tue, Apr 24, 2018, PG40. Contains multiple columns of market data including strike prices, bid/ask, volume, and interest.

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. Contains weekly call options data for E-MINI NASDAQ 100.

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. Contains weekly call options data for E-MINI NASDAQ 100 with a 4-week maturity.

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6730	37.00	57.50B	*4.30A	----	6.75-	3675	.065	----	9	9	UNCH	523.25B	4.30A
6740	34.00	52.25B	*3.80A	----	5.75-	3375	.055	----	10	5 -	10	514.50B	3.80A
6750	36.50	47.25B	*2.75	----	5.00-	3050	.047	----	87	17 -	21	505.75B	2.75
6760	15.25	42.50B	*2.95A	----	4.30-	2770	.040	----	6	6 -	1	497.00B	2.95A
6770	37.00	37.75B	*2.65A	----	3.70-	2480	.034	----	7	33 +	2	488.25B	2.65A
6780	29.50	33.75B	*2.35A	----	3.15-	2235	.028	----	6	16	UNCH	479.50B	2.35A
6790	3.00	30.00B	*1.85	----	2.70-	1980	.024	----	16	31	UNCH	470.75B	1.85
6800	20.00	26.50B	*1.50	----	2.30-	1770	.020	----	94	177 +	3	462.25B	1.50
6810	4.25	23.00B	*1.75A	----	1.95-	1555	.016	----	6	17	UNCH	453.75B	1.75A
6820	----	20.25B	*1.60A	----	1.65-	1385	.014	----	2	2	UNCH	445.00B	1.60A
6830	----	17.25B	*1.45A	----	1.40-	1210	.011	----	2	3	UNCH	436.50B	1.45A
6840	7.00	14.75B	*.75	----	1.15-	1060	.009	----	21	11 -	19	428.00B	.75
6850	6.00	6.00	*1.25A	----	.95-	930	.007	----	58	64 +	10	419.50B	1.25A
6860	4.65	4.65	*1.15A	----	.80-	795	.006	----	7	66 -	2	411.25B	1.15A
6870	6.25	6.25	*1.05A	----	.65-	710	.004	----	1	30 -	1	402.75B	1.05A
6880	----	----	*.95A	----	.55-	620	.003	----	1	8	UNCH	394.50B	.95A
6890	----	----	*.90A	----	.45-	530	.003	----	5	5	UNCH	386.25B	.90A
6900	0.70	.90	*.55	----	.35-	465	.002	----	25	217 +	5	378.00B	.55
6910	----	----	*.80A	----	.30-	410	.001	----	50	50	UNCH	374.00B	.80A
6920	----	----	*.75A	----	.25-	360	.001	----	27	27	UNCH	366.25B	.75A
6930	----	----	*.70A	----	.20-	315	.001	----	33	33	UNCH	358.00B	.70A
6940	0.85	.85	*.05	----	.15-	280	.000	----	77	144 -	2	350.25B	.05
6950	0.15	.15	*.05	----	.15-	240	.000	----	120	305 -	82	343.00B	.05
6960	----	----	*.60A	----	.10-	215	.000	----	2	2	UNCH	334.25B	.60A
6970	----	----	*.60A	----	.10-	185	.000	----	1	1	UNCH	326.50B	.60A
6980	----	----	*.55A	----	.05-	170	.000	----	33	33	UNCH	318.75B	.55A
6990	0.05	.05	*.05	----	.05-	145	.000	----	3	31	UNCH	312.00B	.05
7000	1.25	1.30	*.05A	----	.05-	130	.000	----	18	216 -	2	303.50B	.05A
7020	----	----	*.55A	----	CAB	----	.000	----	13	13	UNCH	288.50B	.55A
7030	----	----	*.55A	----	CAB	----	.000	----	8	8	UNCH	281.25B	.55A
7040	----	----	*.50A	----	CAB	----	.000	----	9	9	UNCH	273.50B	.50A
7050	----	----	*.50A	----	CAB	----	.000	----	148	148	UNCH	266.75B	.50A
7060	----	----	*.50A	----	CAB	----	.000	----	63	63	UNCH	260.00B	.50A
7070	0.55	.55	*.50A	----	CAB	----	.000	----	1	2 +	1	252.00B	.50A
7100	----	----	----	----	CAB	----	.000	----	17	17	UNCH	232.25B	.55A
7110	----	----	----	----	CAB	----	.000	----	7	7	UNCH	225.50B	1.20A
7120	----	----	----	----	CAB	----	.000	----	16	16	UNCH	218.50B	1.15A
7140	----	----	----	----	CAB	----	.000	----	17	17	UNCH	205.50B	1.80A
7150	----	----	----	----	CAB	----	.000	----	17	17	UNCH	199.00B	1.70A
7180	----	----	----	----	CAB	----	.000	----	10	10	UNCH	179.50B	1.10A
7190	----	----	----	----	CAB	----	.000	----	2	2	UNCH	174.00B	1.05A
7200	----	----	----	----	CAB	----	.000	----	3	3	UNCH	168.25B	1.00A
7250	----	----	----	----	CAB	----	.000	----	1	1	UNCH	140.00B	.85A
7350	----	----	----	----	CAB	----	.000	----	1	1	UNCH	92.50B	.60A
7390	----	----	----	----	CAB	----	.000	----	91	91	UNCH	76.25B	.55A
7450	----	----	----	----	CAB	----	.000	----	1	1	UNCH	56.25B	7.00A
7500	----	----	----	----	CAB	----	.000	----	1	1	UNCH	42.50B	6.50A
7660	----	----	----	----	CAB	----	.000	----	8	8	UNCH	15.25B	3.30A
7690	----	----	----	----	CAB	----	.000	----	2	2	UNCH	12.25B	5.75A
7710	----	----	----	----	CAB	----	.000	----	1	1	UNCH	10.75B	5.50A
7750	----	----	----	----	CAB	----	.000	----	1	1	UNCH	8.00B	4.90A
8500	----	----	----	----	CAB	----	.000	----	1	1	UNCH	----	----
TOTAL									1237	2737 +	140		
MAY18		(FUTURES SETT. .00)											
6250	----	476.50B	*330.75A	----	357.50-	11075	.736	----	1	----	1	632.00B	330.75A
6400	----	349.75B	*219.00A	----	247.00-	9750	.627	----	1	5 -	1	496.50B	219.00A
6470	----	302.25B	*176.00A	----	200.25+	NEW	.566	----	1	1 +	1	435.50B	176.00A
6520	168.00	264.75B	*148.00A	----	169.50+	NEW	.519	----	7	7 +	7	393.00B	148.00A
6530	156.50	257.25B	*142.50A	----	163.50+	NEW	.509	----	4	4 +	4	384.75B	142.50A
6650	94.75	177.00B	*86.75A	----	101.00+	NEW	.384	----	1	1 +	1	295.50B	86.75A
6660	----	170.75B	*82.75A	----	96.50+	NEW	.373	----	1	1 +	1	288.00B	82.75A
6740	----	134.75B	*55.25A	----	65.00-	5375	.288	----	1	1	UNCH	229.50B	55.25A
6770	----	118.50B	*46.75A	----	55.50-	4875	.258	----	4	4	UNCH	210.50B	46.75A
6800	----	103.25B	*39.75A	----	46.75-	4400	.228	----	15	15	UNCH	190.75B	39.75A
6860	----	76.00B	*27.75A	----	32.50+	NEW	.174	----	4	4 +	4	153.50B	27.75A
6870	----	72.00B	*26.00A	----	30.50+	3300	.166	----	1	1	UNCH	147.75B	26.00A
6880	----	68.00B	*24.50A	----	28.75-	3125	.159	----	1	1	UNCH	142.00B	24.50A
6900	----	60.25B	*21.50A	----	25.25-	2850	.143	----	1	1	UNCH	130.75B	21.50A
7000	----	----	*11.50A	----	12.75+	NEW	.082	----	1	1 +	1	82.50B	11.50A
TOTAL									22	47 +	17		
EMINI NASD CALL		(FUTURES SETT. 6526.75 -		14025.0 )									
JUN18													
4600	----	1.00889.7	----	----	1,928.75-	13925	.989	----	1	1	UNCH	2,383.25E	1,114.50
4700	----	1.00791.0	----	----	1,829.50-	13900	.986	----	4	4	UNCH	2,300.25E	1,031.00
4890	----	1.00604.0	----	----	1,642.00-	13800	.980	----	15	15	UNCH	2,161.75E	877.75A
4920	----	1.00574.5	----	----	1,612.50-	13775	.978	----	8	8	UNCH	2,132.00E	854.25A
4930	----	1.00564.7	----	----	1,602.75-	13775	.978	----	8	8	UNCH	2,122.75E	851.50A
4940	----	1.00555.0	----	----	1,593.00-	13750	.978	----	8	8	UNCH	2,112.75E	843.75A
4960	----	1.00535.2	----	----	1,573.25-	13750	.976	----	14	14	UNCH	2,093.25E	828.25A
5100	----	1.00581.2	----	----	1,436.25-	13650	.969	----	9	9	UNCH	1,955.50E	722.00A
5110	----	1.00571.2	----	----	1,426.50-	13650	.968	----	16	16	UNCH	1,945.75E	714.75A
5150	----	1.00532.0	----	----	1,387.50-	13600	.966	----	15	15	UNCH	1,907.25E	685.50A
5170	----	1.00512.2	----	----	1,368.00-	13600	.964	----	16	16	UNCH	1,887.50E	671.00A
5200	----	1.00482.7	----	----	1,339.00-	13550	.962	----	13	13	UNCH	1,858.25E	649.50A
5340	----	1.00353.0	----	----	1,203.75-	13400	.949	----	11	11	UNCH	1,722.50E	552.75A
5500	----	1.00197.7	----	----	1,050.75-	13175	.931	----	1	1	UNCH	1,670.00	450.50A
5590	----	1.00111.0	----	924.75A	965.75-	13025	.918	----	3	3	UNCH	1,597.50E	397.25A
5700	----	1.00027.2	----	824.25A	863.00-	12825	.898	----	12	12	UNCH	1,491.25E	336.75A
5720	----	1.00008.2	----	806.25A	844.50-	12800	.894	----	16	16	UNCH	1,472.00E	326.25A
5800	----	932.50B	734.75A	----	771.25-	12600	.876	----	1	1	UNCH	1,395.25E	286.00A
5840	----	894.75B	699.50A	----	735.00-	12525	.866	----	2	2	UNCH	1,356.75E	267.00A
5850	----	885.50B	691.00A	----	726.00-	12475	.863	----	1	1	UNCH	1,347.25E	262.25A
5990	----	755.75B	567.25A	----	603.00-	12000	.820	----	4	4	UNCH	1,214.75E	202.50A
6000	----	746.75B	559.00A	----	594.50-	11950	.817	----	53	53	UNCH	1,205.50E	198.50A
6040	----	710.50B	526.00A	----	560.50-	11775	.801	----	2	2	UNCH	1,168.00E	183.25A
6050	----	701.50B	518.25A	----	552.00-	11750	.798	----	3	3	UNCH	1,158.25E	179.75A
6080	----	674.50B	493.75A	----	527.00-	11600	.785	----	3	3	UNCH	1,130.50E	169.00A
6090	----	665.50B	485.50A	----	518.75-	11550	.781	----	1	1	UNCH	1,121.50E	165.50A
6100	----	656.75B	477.50A	----	510.50-	11500	.777	----	4	4	UNCH	1,111.75E	162.00A
6190	----	578.00B	409.00A	----	438.00-	11000	.735	----	1	1	UNCH	1,028.50E	133.00A
6210	----	560.50B	398.00A	----	422.25-	10875	.724	----	1	1	UNCH	1,010.25E	127.25A
6240	----	534.75B	376.00A	----	399.25-	10675	.708	----	5	5	UNCH	982.75B	118.75A
6250	----	526.25B	368.75A	----	391.50-	10625	.703	----	7	7	UNCH	973.75B	116.00A
6260	----	518.00B	361.50A	----	384.00-	10550	.69						



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



PRELIMINARY

Table with columns: PG40, BULLETIN # 78@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, and Tue, Apr 24, 2018 PG40. Contains multiple columns of numerical data representing market information.



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CME Group, Inc.

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PRELIMINARY

PG40 BULLETIN # 78@		NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS										Tue, Apr 24, 2018		PG40
8180	----	----	----	----	----	.10-	15	.000	----	----	20	UNCH	9.50B	2.80A
8190	----	----	----	----	----	.10-	15	.000	----	----	23	UNCH	9.00B	2.75A
8200	----	----	----	----	----	.10-	15	.000	----	----	10	UNCH	8.75B	.70
8230	----	----	----	----	----	.10-	10	.000	----	----	6	UNCH	7.75B	2.60A
8250	----	----	----	----	----	.10-	10	.000	----	----	16	UNCH	7.25B	2.50A
8270	----	----	----	----	----	.10-	10	.000	----	----	1	UNCH	6.75B	2.40A
8290	----	----	----	----	----	.10-	10	.000	----	----	1	UNCH	4.85B	2.35A
8300	----	----	----	----	----	.10-	10	.000	----	----	2	UNCH	6.00	2.00
8310	----	----	----	----	----	.10-	10	.000	----	----	5	UNCH	4.60	2.25A
8330	----	----	----	----	----	.05-	10	.000	----	----	10	UNCH	4.40	2.20A
8350	----	----	----	----	----	.05-	10	.000	----	----	92	UNCH	4.20	2.70
8360	----	----	----	----	----	.05-	10	.000	----	----	10	UNCH	4.10	4.10
8370	----	----	----	----	----	.05-	10	.000	----	----	1	UNCH	4.00	4.00
8430	----	----	----	----	----	.05-	10	.000	----	----	4	UNCH	3.80	3.20
8500	----	----	----	----	----	.05-	5	.000	----	----	32	UNCH	6.00	1.40
TOTAL										1492		9719 +	205	
SEP18	EMINT NASD CALL	(FUTURES SETT.	6552.50 -	14050.0 )										
5560	----	1.00232.5	----	----	1,083.50-	11775	.849	----	----	2	UNCH	1,687.00B	609.25A	
6400	----	538.25B	405.25A	----	432.75-	8400	.595	----	----	2	UNCH	940.50B	171.75A	
6410	----	531.00B	399.75A	----	426.25-	8350	.590	----	----	3	UNCH	932.25B	168.25A	
6450	385.25	502.50B	374.75A	----	401.00-	8100	.573	----	1	15	UNCH	903.00B	155.00A	
6480	360.00	481.75B	357.75A	----	382.25-	7925	.559	----	1	2	UNCH	878.50B	145.25A	
6500	417.50	468.00B	345.25A	----	370.00-	7800	.550	----	20	13 +	6	862.50B	139.25A	
6520	----	454.25B	334.50A	----	358.00-	7675	.541	----	----	5	UNCH	846.25B	133.25A	
6550	----	434.00B	317.50A	----	340.25-	7500	.526	----	----	2	UNCH	822.50B	124.50A	
6570	----	421.00B	305.75A	----	328.75-	7350	.517	----	----	3	UNCH	802.25B	119.00A	
6580	----	414.25B	300.25A	----	323.00-	7300	.512	----	----	9	UNCH	798.50B	116.25A	
6590	----	407.75B	294.75A	----	317.25-	7225	.507	----	----	1	UNCH	790.75B	113.50A	
6600	----	401.25B	290.25A	----	311.75-	7150	.502	----	----	10	UNCH	782.75B	111.00A	
6610	----	395.00B	285.00A	----	306.00-	7100	.497	----	----	2	UNCH	775.00B	108.50A	
6620	----	388.50B	279.75A	----	300.50-	7025	.492	----	----	54	UNCH	767.25B	105.75A	
6630	----	382.50B	273.75A	----	295.00-	6975	.487	----	----	23	UNCH	769.75B	103.25A	
6650	----	369.75B	263.50A	----	284.25-	6825	.477	----	----	10	UNCH	774.75B	99.25A	
6680	----	351.25B	249.00A	----	268.25-	6625	.462	----	----	2	UNCH	750.75B	92.00A	
6690	----	345.00B	244.25A	----	263.00-	6550	.457	----	----	3	UNCH	743.00B	90.00A	
6700	348.50	348.50	239.25A	----	258.00-	6475	.452	----	4	3 +	2	735.50B	87.75A	
6740	----	315.50B	220.75A	----	238.00-	6175	.431	----	----	2	UNCH	705.50B	79.50A	
6750	229.75	309.75B	216.00A	----	233.00-	6125	.426	----	20	42 -	2	697.75B	76.75A	
6760	----	303.75B	211.50A	----	228.25-	6050	.421	----	----	4	UNCH	690.50B	75.25A	
6770	----	298.25B	206.75A	----	223.50-	5975	.416	----	----	2	UNCH	683.00B	73.50A	
6790	----	289.50B	198.25A	----	214.00-	5825	.405	----	----	2	UNCH	668.00B	69.75A	
6800	202.00	284.00B	193.75A	----	209.50-	5750	.400	----	2	10	UNCH	660.25B	68.00A	
6810	----	278.50B	189.75A	----	205.00-	5675	.395	----	----	6	UNCH	653.25B	66.25A	
6850	----	256.75B	173.00A	----	187.25-	5375	.374	----	----	47	UNCH	623.50B	59.50A	
6880	----	241.50B	159.75A	----	174.75-	5125	.358	----	----	2	UNCH	602.00B	54.75A	
6890	----	236.50B	157.50A	----	170.50-	5075	.353	----	----	3	UNCH	594.00B	53.25A	
6900	161.00	231.25B	153.75A	----	166.50-	5000	.347	----	1	130	UNCH	587.75B	51.75A	
6910	----	226.25B	150.00A	----	162.50-	4925	.342	----	----	70	UNCH	580.25B	50.25A	
6920	----	221.25B	146.25A	----	158.50-	4850	.337	----	----	3	UNCH	573.50B	49.00A	
6950	----	206.75B	135.75A	----	147.25-	4600	.321	----	----	3	UNCH	552.50B	42.50	
7000	127.00	183.75B	119.50A	----	129.50-	4225	.295	----	1	98 +	1	518.25B	39.00A	
7010	----	179.25B	*116.25A	----	126.00-	4150	.290	----	----	3	UNCH	510.50B	116.25A	
7040	----	166.50B	*107.00A	----	116.25-	3925	.275	----	----	1	UNCH	490.50B	107.00A	
7050	109.00	162.25B	*103.75A	----	113.00-	3875	.269	----	1	1	UNCH	485.25B	103.75A	
7070	----	152.75B	*98.25A	----	107.00-	3700	.259	----	----	4	UNCH	472.00B	98.25A	
7080	----	148.50B	*95.25A	----	104.00-	3625	.254	----	----	3	UNCH	465.50B	95.25A	
7100	----	140.75B	*90.00A	----	98.25-	3475	.245	----	----	10	UNCH	452.50B	90.00A	
7110	----	138.50B	*87.00A	----	95.25-	3425	.240	----	----	2	UNCH	446.25B	87.00A	
7120	120.50	134.50B	*84.25A	----	92.50-	3375	.235	----	2	1 -	1	440.00B	84.25A	
7150	86.50	124.00B	*77.25A	----	84.75-	3150	.221	----	3	21	UNCH	421.00B	77.25A	
7170	----	116.75B	*73.00A	----	79.75-	3000	.211	----	----	2	UNCH	408.50B	73.00A	
7180	76.75	113.75B	*70.50A	----	77.25-	2950	.207	----	2	1 -	1	402.25B	70.50A	
7200	105.00	107.25B	*65.50	----	72.75-	2800	.198	----	6	16 -	2	390.50B	65.50	
7230	81.00	97.50B	*60.50A	----	66.25-	2600	.185	----	1	1	UNCH	372.50B	60.50A	
7240	----	94.50B	*58.75A	----	64.00-	2550	.180	----	----	5	UNCH	367.00B	58.75A	
7250	----	92.00B	*57.00A	----	62.00-	2475	.176	----	----	12	UNCH	361.00B	57.00A	
7270	----	86.00B	*53.25A	----	58.25-	2350	.168	----	----	4	UNCH	349.75B	53.25A	
7300	----	78.00B	*48.50A	----	52.75-	2175	.156	----	----	6	UNCH	333.00B	48.50A	
7350	----	65.75B	*41.25A	----	44.50-	1900	.137	----	----	1	UNCH	306.25B	41.25A	
7360	----	63.50B	*39.75A	----	43.00-	1825	.133	----	----	2	UNCH	301.00B	39.75A	
7400	60.50	60.50	*34.75A	----	37.50-	1625	.120	----	2	387	UNCH	280.50B	34.75A	
7450	----	46.50B	*29.50A	----	31.50-	1375	.104	----	----	2	UNCH	255.25B	29.50A	
7480	----	41.75B	*26.75A	----	28.25-	1250	.096	----	----	6	UNCH	241.25B	26.75A	
7500	----	38.75B	*23.00A	----	26.25-	1175	.090	----	----	20	UNCH	231.75B	23.00A	
7540	----	33.25B	*21.50A	----	22.75-	1025	.080	----	----	3	UNCH	216.25	21.50A	
7550	21.00	32.00B	*19.00A	----	22.00+	NEW	.078	----	50	50 +	50	210.50B	19.00A	
7590	----	----	*18.00A	----	19.00-	850	.069	----	----	1	UNCH	194.25B	18.00A	
7600	----	----	*17.25A	----	18.50-	800	.068	----	----	51	UNCH	190.50B	17.25A	
7640	----	----	*15.25A	----	16.00-	700	.060	----	----	18	UNCH	175.00B	15.25A	
7690	----	----	*13.00A	----	13.50-	550	.052	----	----	27	UNCH	156.25B	13.00A	
7710	----	----	*12.00A	----	12.75-	500	.049	----	----	48	UNCH	149.25B	12.00A	
7720	----	----	*11.75A	----	12.25-	500	.047	----	----	34	UNCH	145.75B	11.75A	
7740	----	----	*11.00A	----	11.50-	450	.045	----	----	25	UNCH	139.50B	11.00A	
7800	9.00	9.00	*9.00	----	9.50-	325	.038	----	1	104 -	1	121.00B	9.00	
7810	----	----	*9.00A	----	9.00-	325	.036	----	----	1	UNCH	117.25B	9.00A	
7880	----	----	*7.50A	----	7.25-	250	.030	----	----	1	UNCH	98.50B	7.50A	
7900	----	----	*7.00A	----	7.00-	200	.029	----	----	6	UNCH	93.25B	7.00A	
8000	----	----	----	----	5.25-	125	.022	----	----	27	UNCH	71.25B	7.25	
8010	----	----	----	----	5.00-	125	.021	----	----	2	UNCH	69.25B	7.00A	
8030	----	----	----	----	4.75-	125	.020	----	----	78	UNCH	65.25B	5.00	
8040	----	----	----	----	4.60-	115	.019	----	----	40	UNCH	63.50B	5.00	
8200	----	----	----	----	3.00-	60	.013	----	----	1	UNCH	39.50B	6.25A	
8300	----	----	----	----	2.30-	40	.010	----	----	2	UNCH	28.75B	6.00A	
8350	----	----	----	----	2.00-	35	.009	----	----	4	UNCH	25.00	5.25	
8400	----	----	----	----	1.75-	30	.008	----	----	10	UNCH	24.75	11.50A	
8500	----	----	----	----	1.35-	15	.006	----	----	5	UNCH	13.50B	6.00	
8550	----	----	----	----	1.20-	10	.005	----	----	1	UNCH	9.00	6.00	
8600	----	----	----	----	1.05-	10	.004	----	----	8	UNCH	10.00	7.75	
8670	----	----	----	----	.90	UNCH	.004	----	----	80	UNCH	7.75	7.50	



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PRELIMINARY

Table with columns: PG40, BULLETIN # 78@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Tue, Apr 24, 2018, PG40. Rows include contract details like 7180, 7190, 7200, etc., with associated prices and volumes.

THE INFORMATION CONTAINED IN THIS REPORT IS COMPILED FOR THE CONVENIENCE OF THE USER AND IS FURNISHED WITHOUT RESPONSIBILITY FOR ACCURACY OR CONTENT. IT IS ACCEPTED BY THE USER ON THE CONDITION THAT ERRORS OR OMISSIONS SHALL NOT BE MADE THE BASIS FOR ANY CLAIM, DEMAND, OR CAUSE FOR ACTION.



PRELIMINARY

PG40 BULLETIN # 78@		NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS										Tue, Apr 24, 2018		PG40
1670	----	.70B	*.55A	----	.60-	5	.025	----	----	23	UNCH	30.40B	.55A	
1675	----	.60B	*.50A	----	.50-	5	.021	----	----	3	UNCH	28.40B	.50A	
1680	----	----	----	----	.45-	5	.019	----	----	83	UNCH	26.50B	.50A	
1685	----	----	----	----	.40-	5	.016	----	----	76	UNCH	24.70B	.50A	
1690	----	----	----	----	.35-	5	.014	----	----	54	UNCH	23.00B	.45A	
1695	----	----	----	----	.30-	5	.012	----	----	7	UNCH	21.30B	.40A	
1700	----	.35B	----	----	.25-	5	.010	----	----	30	UNCH	19.80B	.40A	
1705	----	----	----	----	.25-	5	.010	----	----	14	UNCH	18.30B	.35A	
1710	----	----	----	----	.20-	5	.008	----	----	68	UNCH	16.90B	.45A	
1710	----	----	----	----	.05-	5	.001	----	----	42	UNCH	.30B	----	
1715	----	----	----	----	.20-	5	.008	----	----	4	UNCH	15.60B	.40A	
1720	----	----	----	----	.15-	5	.006	----	----	14	UNCH	14.40B	.45A	
1730	----	----	----	----	.15	UNCH	.006	----	----	2	UNCH	12.20B	.55A	
1735	----	----	----	----	.15	UNCH	.005	----	----	20	UNCH	11.20B	.35A	
1740	----	----	----	----	.10-	5	.004	----	----	4	UNCH	10.30B	.45A	
1745	----	----	----	----	.10-	5	.004	----	----	121	UNCH	9.40B	.30A	
1750	----	----	----	----	.10	UNCH	.003	----	----	18	UNCH	8.60B	.40A	
1755	----	----	----	----	.10	UNCH	.003	----	----	14	UNCH	7.90B	.10	
1760	----	----	----	----	.10	UNCH	.003	----	----	37	UNCH	7.20B	.10	
1765	----	----	----	----	.05-	5	.002	----	----	85	UNCH	6.40B	.10	
1770	----	----	----	----	.05-	5	.001	----	----	4	UNCH	6.00B	.30A	
1780	----	----	----	----	.05	UNCH	.001	----	----	20	UNCH	5.00B	.50A	
1800	----	----	----	----	.05	UNCH	.000	----	----	10	UNCH	3.40B	.10	
1810	----	----	----	----	.05	UNCH	.000	----	----	10	UNCH	2.35B	.10	
TOTAL										213				
JUN18	RTM EOM	(FUTURES SETT.	6526.75 -	14025.0 )						4487 +	195			
1560	----	52.60B	36.50A	----	42.60-	340	.518	----	----	26	UNCH	65.80B	27.00A	
1575	----	43.00B	29.00A	----	34.20-	300	.458	----	----	25	UNCH	55.30B	22.10A	
1590	----	34.30B	22.60A	----	26.90-	250	.397	----	----	31	UNCH	46.10B	17.90A	
1600	----	29.20B	18.90A	----	22.60-	210	.356	----	----	20	UNCH	40.10B	16.40A	
1605	----	26.70B	17.20A	----	20.60-	200	.335	----	----	16	UNCH	37.30B	15.10A	
1615	----	22.30B	14.10A	----	17.00-	160	.295	----	----	18	UNCH	32.00B	12.70A	
1620	----	20.20B	12.70A	----	15.40-	150	.275	----	----	31	UNCH	29.50B	11.70A	
1625	----	18.30B	11.50A	----	13.90-	130	.256	----	----	90	UNCH	27.20B	10.70A	
1635	----	14.80B	9.30A	----	11.20-	110	.219	----	----	18	UNCH	22.80B	8.90A	
1640	----	13.30B	8.30A	----	10.10-	90	.203	----	----	14	UNCH	20.80B	8.10A	
1655	----	9.30B	*5.90A	----	7.20-	60	.156	----	----	45	UNCH	15.60B	5.90A	
1760	----	----	----	----	.85+	5	.023	----	----	30	UNCH	1.45B	.80A	
1770	----	----	----	----	.75+	10	.020	----	----	72	UNCH	1.20B	.70A	
1775	----	----	----	----	.70+	10	.019	----	----	20	UNCH	1.10B	.70A	
1780	----	----	----	----	.65+	10	.018	----	----	10	UNCH	1.05B	.75A	
1875	----	----	----	----	.20+	5	.005	----	----	20	UNCH	.20B	.15	
1925	----	----	----	----	.10	UNCH	.002	----	----	60	UNCH	.10B	.10	
1950	----	----	----	----	.10+	5	.002	----	----	22	UNCH	.10B	.10	
TOTAL										0				
JUL18	RTM EOM	(FUTURES SETT.	.00)							568				
1490	----	110.30B	89.00A	----	97.20-	530	.715	----	----	15	UNCH	152.40B	65.90A	
1510	----	94.40B	74.30A	----	82.00-	490	.667	----	----	17	UNCH	136.00B	55.00A	
1520	----	86.70B	67.20A	----	74.80-	470	.641	----	----	18	UNCH	128.00B	50.00A	
1530	----	79.30B	60.70A	----	67.80-	440	.613	----	----	18	UNCH	120.20B	45.20A	
1545	----	68.60B	51.40A	----	58.00-	390	.568	----	----	26	UNCH	92.00B	38.60A	
1560	----	58.70B	42.90A	----	49.00+	NEW	.519	----	1	1 +	1	97.80B	32.60A	
1570	----	52.30B	37.70A	----	43.30-	300	.485	----	----	18	UNCH	90.70B	29.10A	
1595	----	37.80B	26.40A	----	30.70-	240	.397	----	----	25	UNCH	60.80B	21.40A	
1610	----	30.40B	20.80A	----	24.40-	190	.343	----	----	71	UNCH	64.50B	17.50A	
1620	----	26.00B	17.60A	----	20.60-	180	.307	----	----	8	UNCH	58.60B	15.30A	
1630	----	22.00B	14.70A	----	17.30-	150	.273	----	----	22	UNCH	52.90B	13.30A	
1635	----	20.20B	13.50A	----	15.90-	130	.257	----	----	20	UNCH	39.40B	12.40A	
1640	----	18.40B	12.20A	----	14.50-	120	.240	----	----	23	UNCH	47.60B	11.60A	
1645	----	16.70B	11.20A	----	13.10-	120	.224	----	----	8	UNCH	34.80B	10.70A	
1650	----	15.20B	10.10A	----	11.90-	100	.209	----	----	20	UNCH	42.60B	9.80A	
1655	----	13.80B	9.20A	----	10.80-	90	.194	----	----	16	UNCH	30.60B	9.00A	
1660	----	12.40B	8.40A	----	9.80-	80	.180	----	----	43	UNCH	37.70B	8.30A	
1665	----	11.20B	7.60A	----	8.80-	70	.166	----	----	35	UNCH	26.70B	7.60A	
1670	----	10.00B	*6.90A	----	7.90-	70	.153	----	----	71	UNCH	33.50B	6.90A	
1675	----	9.00B	*6.20A	----	7.20-	50	.142	----	----	26	UNCH	31.40B	6.20A	
1685	----	7.10B	*5.10A	----	5.80-	40	.120	----	----	30	UNCH	19.90B	5.10A	
1690	----	6.40B	*4.60A	----	5.20-	30	.110	----	----	28	UNCH	25.70B	4.60A	
1730	----	2.50B	*2.10A	----	2.25-	15	.054	----	----	24	UNCH	14.00B	2.10A	
1735	----	2.25B	*1.95A	----	2.05-	10	.049	----	----	24	UNCH	8.60B	1.95A	
1740	----	2.00B	*1.75A	----	1.85-	10	.045	----	----	2	UNCH	11.90B	1.75A	
1755	1.45	1.45	*1.40A	----	1.40-	5	.035	----	14	46 +	14	6.00B	1.40A	
1760	----	----	----	----	1.25-	5	.031	----	----	32	UNCH	8.40B	1.35A	
1770	1.05	1.05	*1.05	----	1.05+	NEW	.027	----	13	13 +	13	7.00B	1.05	
1875	----	----	----	----	.10-	5	.003	----	----	2	UNCH	.70B	.70A	
TOTAL										28				
AUG18	RTM EOM	(FUTURES SETT.	.00)							702 +	28			
1680	----	#13.20B	*9.60A	----	10.70-	70	.173	----	----	2	UNCH	13.20B	9.60A	
TOTAL										0				
RTO OPT										2				
JUN18	RTO OPT	(FUTURES SETT.	6526.75 -	14025.0 )										
1440	----	142.30B	116.90A	----	126.60-	690	.849	----	----	7	UNCH	198.00B	79.80A	
1445	----	137.80B	112.40A	----	122.20-	680	.842	----	----	17	UNCH	193.90B	76.90A	
1450	----	133.20B	108.00A	----	117.70-	670	.833	----	----	14	UNCH	189.30B	74.00A	
1470	----	115.10B	90.90A	----	100.30-	640	.795	----	----	2	UNCH	172.40B	62.80A	
1475	----	110.60B	86.20A	----	96.10-	620	.784	----	----	9	UNCH	168.10B	59.70A	
1480	----	106.30B	82.20A	----	91.90-	610	.773	----	----	1	UNCH	163.90B	56.80A	
1485	----	101.70B	78.20A	----	87.70-	600	.761	----	----	10	UNCH	159.70B	53.90A	
1490	----	97.60B	74.30A	----	83.70-	580	.748	----	----	4	UNCH	155.60B	50.70A	
1495	----	93.90B	70.60A	----	79.60-	570	.735	----	----	10	UNCH	151.40B	48.00A	
1500	----	89.70B	66.60A	----	75.60-	560	.721	----	----	252	UNCH	147.30B	45.40A	
1505	----	85.50B	63.00A	----	71.70-	550	.707	----	----	29	UNCH	143.30B	42.80A	
1510	----	81.30B	59.30A	----	67.90-	530	.691	----	----	14	UNCH	139.20B	40.30A	
1515	----	77.60B	55.80A	----	64.10-	510	.675	----	----	18	UNCH	135.20B	38.00A	
1520	----	73.50B	52.40A	----	60.40-	500	.658	----	----	58	UNCH	131.20B	35.70A	
1525	----	69.50B	48.70A	----	56.80-	480	.640	----	----	11	UNCH	127.50B	33.50A	
1530	----	65.60B	45.40A	----	53.30-	460	.622	----	----	7	UNCH	123.50B	31.40A	
1535	----	61.80B	42.30A	----	49.80-	450	.603	----	----	29	UNCH	119.80B	29.30A	
1540	----	58.20B	39.20A	----	46.50-	420	.583	----	----	37	UNCH	115.80B	27.40A	
1545	----	54.50B	36.30A	----	43.30-	400	.562	----	----	25	UNCH	112.20B	25.50A	
1550	----	50.90B	33.50A	----	40.20-	380	.541	----	----	42	UNCH	108.50B	23.80A	
1555	----	47.40B	30.80A	----	37.20-	360	.519	----	----	28	UNCH	104.80B	22.10A	
1560	----	44.10B	28.30A	----	34.30-	340	.497	----	----	48	UNCH	101.10B	20.50A	
1565	----	40.90B	25.90A	----	31.60-	310	.474	----	----	23	UNCH	97.60B	19.00A	
1570	----	37.70B	23.60A	----	29.00-	290	.451	----	----	42	UNCH	94.20B	17.60A	
1575	----	34.80B	21.40A	----	26.50-	270	.427	----	----	22	UNCH	90.70B	16.30A	



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PRELIMINARY

PG40 BULLETIN # 78@		NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS										Tue, Apr 24, 2018		PG40
1690	----	2.00B	1.45A	----	1.65	UNCH	.050	----	----	23	UNCH	29.20B	1.45A	
1695	----	1.75B	1.30A	----	1.50+	5	.045	----	----	77	UNCH	27.50B	1.30A	
1700	----	1.50B	1.20A	----	1.35+	10	.041	----	----	33	UNCH	25.60B	1.20A	
1705	----	1.35B	1.10A	----	1.20+	5	.037	----	----	36	UNCH	24.10B	1.10A	
1710	----	1.20B	----	----	1.10+	10	.034	----	----	17	UNCH	22.60B	1.00A	
1715	----	1.05B	----	----	1.00+	10	.031	----	----	60	UNCH	21.10B	.90A	
1720	1.00	1.05	.85A	----	.90+	5	.028	----	20	27	UNCH	19.60B	.80A	
1725	----	.85B	----	----	.80+	5	.025	----	----	31	UNCH	18.30B	.75A	
1730	----	.75B	----	----	.75+	5	.023	----	----	22	UNCH	17.00B	.70A	
1735	----	.70B	----	----	.70+	5	.021	----	----	20	UNCH	15.80B	.65A	
1740	----	----	----	----	.60	UNCH	.019	----	----	13	UNCH	14.70B	.60A	
1745	----	----	----	----	.55	UNCH	.017	----	----	9	UNCH	13.60B	.55A	
1790	----	----	----	----	.30+	5	.009	----	----	29	UNCH	6.60B	.60A	
1800	----	----	----	----	.25	UNCH	.007	----	----	30	UNCH	5.60B	.55A	
1810	----	----	----	----	.20	UNCH	.006	----	----	65	UNCH	4.70B	.30A	
1825	----	----	----	----	.20+	5	.005	----	----	106	UNCH	3.60B	.15	
1830	----	----	----	----	.20+	5	.005	----	----	50	UNCH	3.30B	.20	
1840	----	----	----	----	.15	UNCH	.004	----	----	10	UNCH	2.70B	.15	
1850	----	----	----	----	.15+	5	.004	----	----	13	UNCH	2.25B	.35A	
1860	----	----	----	----	.15+	5	.004	----	----	44	UNCH	1.85B	.45A	
1870	----	----	----	----	.10	UNCH	.002	----	----	12	UNCH	1.50B	.10	
1875	----	----	----	----	.10	UNCH	.002	----	----	27	UNCH	1.40B	.15	
1880	----	----	----	----	.10	UNCH	.002	----	----	38	UNCH	1.25B	.10	
1900	----	----	----	----	.10+	5	.002	----	----	6	UNCH	.80B	.30	
1910	----	----	----	----	.10+	5	.002	----	----	16	UNCH	.65B	.20	
1925	----	----	----	----	.05	UNCH	.001	----	----	20	UNCH	.45B	.25	
TOTAL										62		2661 +	42	
SEP18	RTD OPT	(FUTURES SETT.	6552.50 -	14050.0 )	205.20-	630	.837	----	----	5	UNCH	270.40B	146.90A	
1375	----	220.60B	195.80A	----	200.90-	620	.832	----	----	10	UNCH	266.20B	143.40A	
1380	----	216.00B	191.50A	----	192.20-	620	.822	----	----	29	UNCH	257.30B	136.60A	
1390	----	207.10B	183.30A	----	183.70-	600	.811	----	----	20	UNCH	248.70B	130.20A	
1400	----	198.30B	174.60A	----	175.20-	590	.799	----	----	44	UNCH	240.40B	123.80A	
1410	----	189.60B	166.40A	----	166.80-	580	.787	----	----	15	UNCH	232.00B	117.60A	
1420	----	181.10B	158.20A	----	158.60-	570	.773	----	----	2	UNCH	223.60B	111.50A	
1430	----	172.70B	150.20A	----	150.50-	550	.759	----	----	6	UNCH	215.50B	105.20A	
1440	----	164.30B	142.20A	----	126.90-	510	.712	----	----	5	UNCH	191.00B	88.40A	
1470	----	139.80B	119.10A	----	119.30-	500	.695	----	----	2	UNCH	183.10B	83.10A	
1480	----	131.70B	111.70A	----	97.60-	430	.637	----	----	10	UNCH	160.00B	68.20A	
1510	----	109.20B	90.70A	----	90.70-	420	.616	----	----	11	UNCH	152.60B	63.50A	
1520	----	101.90B	83.40A	----	87.30-	410	.605	----	----	11	UNCH	148.90B	61.50A	
1525	----	98.40B	80.20A	----	84.00-	400	.594	----	----	38	UNCH	145.30B	59.20A	
1530	----	94.90B	77.10A	----	77.70-	370	.572	----	----	21	UNCH	138.10B	54.90A	
1540	----	88.10B	71.00A	----	65.70-	330	.523	----	----	7	UNCH	124.20B	47.10A	
1560	----	75.20B	59.50A	----	62.90-	310	.511	----	----	7	UNCH	95.50B	45.20A	
1565	----	72.10B	56.80A	----	60.10-	300	.498	----	----	7	UNCH	117.50B	43.20A	
1570	----	69.00B	54.20A	----	57.40-	290	.486	----	----	3	UNCH	114.20B	41.20A	
1575	----	66.00B	51.60A	----	54.70-	280	.473	----	----	19	UNCH	110.80B	39.40A	
1580	----	63.00B	49.10A	----	52.10-	270	.460	----	----	18	UNCH	82.80B	37.50A	
1585	----	60.20B	46.70A	----	49.60-	260	.447	----	----	13	UNCH	104.70B	35.70A	
1590	----	57.30B	44.40A	----	44.70-	240	.420	----	----	3	UNCH	98.40B	32.40A	
1600	----	51.90B	39.90A	----	42.30-	230	.407	----	----	14	UNCH	71.00B	30.80A	
1605	----	49.30B	37.70A	----	40.00-	230	.393	----	----	7	UNCH	92.10B	29.20A	
1610	----	46.80B	35.70A	----	37.80-	220	.380	----	----	3	UNCH	65.40B	27.70A	
1615	----	44.30B	33.70A	----	35.70-	210	.366	----	----	24	UNCH	86.30B	26.30A	
1620	----	42.00B	31.80A	----	33.70-	190	.353	----	----	25	UNCH	83.50B	24.90A	
1625	----	39.70B	29.90A	----	31.70-	180	.340	----	----	13	UNCH	80.80B	23.60A	
1630	----	37.40B	28.10A	----	29.80-	180	.326	----	----	13	UNCH	55.00B	22.30A	
1635	----	35.30B	26.40A	----	28.00-	170	.313	----	----	26	UNCH	75.40B	21.10A	
1640	----	33.20B	24.80A	----	26.30-	150	.300	----	----	5	UNCH	50.20B	19.90A	
1645	----	31.20B	23.20A	----	24.60-	150	.287	----	----	17	UNCH	69.80B	18.80A	
1650	----	29.30B	21.80A	----	23.00-	140	.274	----	----	1	UNCH	45.60B	17.70A	
1655	----	27.40B	20.30A	----	21.50-	130	.262	----	----	35	UNCH	65.00B	16.70A	
1660	----	25.70B	19.00A	----	20.10-	120	.250	----	----	21	UNCH	41.30B	15.70A	
1665	----	24.00B	17.70A	----	18.70-	110	.237	----	----	19	UNCH	60.10B	14.80A	
1670	----	22.40B	16.50A	----	17.40-	110	.225	----	----	26	UNCH	57.80B	13.90A	
1675	----	20.80B	15.40A	----	16.20-	100	.214	----	----	10	UNCH	55.50B	13.10A	
1680	----	19.40B	14.30A	----	14.00-	80	.192	----	----	20	UNCH	51.10B	11.50A	
1690	----	16.70B	12.30A	----	12.00-	70	.171	----	----	14	UNCH	46.80B	10.20A	
1700	----	14.20B	10.60A	----	8.70-	50	.134	----	----	1	UNCH	39.20B	7.80A	
1720	----	10.30B	7.80A	----	8.00-	40	.125	----	----	25	UNCH	37.30B	7.20A	
1725	----	9.40B	*7.20A	----						0		625		
TOTAL										37		321 +	37	
DEC18	RTD OPT	(FUTURES SETT.	6580.00 -	13975.0 )	159.60-	500	.710	----	----	2	UNCH	193.60B	126.80A	
1450	----	174.80B	153.90A	----	152.20-	480	.696	----	----	3	UNCH	185.50B	120.70A	
1460	----	167.10B	146.70A	----	141.40-	450	.675	----	----	33	UNCH	174.20B	111.80A	
1475	----	155.80B	136.20A	----	124.00-	410	.636	----	----	27	UNCH	156.70B	97.80A	
1500	----	137.60B	119.10A	----	117.30-	400	.620	----	3	24 +	3	149.60B	92.40A	
1510	125.60	130.40B	111.60A	----	110.80-	380	.603	----	----	28	UNCH	142.80B	87.20A	
1520	----	123.60B	105.20A	----	107.60-	370	.594	----	14	32 +	14	139.40B	84.60A	
1525	115.10	120.20B	102.10A	----	104.40-	370	.586	----	----	42	UNCH	136.10B	82.10A	
1530	----	116.90B	99.10A	----	98.20-	350	.568	----	----	2	UNCH	129.40B	77.20A	
1540	----	110.20B	93.10A	----	92.20+	NEW	.550	----	1	1 +	1	125.20B	72.50A	
1550	99.70	103.90B	87.30A	----	86.30-	330	.531	----	1	3 +	1	120.10B	68.00A	
1560	95.60	97.60B	81.70A	----	80.70+	NEW	.512	----	14	14 +	14	113.80B	63.60A	
1570	90.90	91.50B	76.20A	----	77.90+	NEW	.502	----	3	3 +	3	110.70B	61.50A	
1575	87.00	88.50B	73.60A	----	75.20+	NEW	.492	----	1	1 +	1	107.60B	59.40A	
1580	83.90	85.60B	71.00A	----	64.90-	260	.453	----	----	6	UNCH	95.80B	51.50A	
1600	----	74.50B	61.10A	----	60.10-	250	.432	----	----	5	UNCH	90.10B	47.90A	
1610	----	69.10B	56.50A	----	55.50-	230	.412	----	----	13	UNCH	84.60B	44.40A	
1620	----	64.10B	52.10A	----	53.20-	220	.402	----	----	10	UNCH	81.90B	42.70A	
1625	----	61.60B	49.90A	----	51.00-	220	.392							







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PG40 BULLETIN # 78@

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS

Tue, Apr 24, 2018 PG40

MINI NSDO	EOM C													
6690	17.75	81.00B	*14.25A	----	18.50-	46.50	.170	----	12	13 +	12	524.75B	14.25A	
6700	57.00	75.00B	*11.50	----	16.75-	43.25	.155	----	17	18 +	7	515.75B	11.50	
6710	65.50	81.00	*11.75A	----	15.00-	40.25	.141	----	6	3 -	6	507.75B	11.75A	
6720	---	64.00B	*10.75A	----	13.50-	37.00	.128	----	---	1	UNCH	498.25B	10.75A	
6750	10.00	49.00B	*8.25A	----	9.75-	28.50	.095	----	9	10 -	4	472.00B	8.25A	
6760	39.00	44.50B	*7.50A	----	8.75-	25.75	.086	----	1	2	UNCH	463.50B	7.50A	
6770	---	40.25B	*7.00A	----	7.75-	23.50	.076	----	5	8 +	5	455.50B	7.00A	
6780	---	36.25B	*6.50A	----	7.00	NEW	.069	----	1	1 +	1	446.25B	6.50A	
6790	---	32.50B	*6.00A	----	6.25-	19.00	.062	----	1	1	UNCH	437.75B	6.00A	
6800	10.00	28.75B	*5.50A	----	5.50-	17.00	.055	----	6	9 +	1	429.25B	5.50A	
6810	12.00	25.50B	*4.75A	----	5.00-	15.00	.050	----	1	1	UNCH	420.50B	4.75A	
6840	---	17.00B	*3.50A	----	3.60-	10.40	.035	----	10	23 +	10	395.50B	3.50A	
6850	---	14.25B	*3.00A	----	3.20-	9.30	.031	----	---	11	UNCH	387.25B	3.00A	
6860	---	12.00B	*2.80A	----	2.85-	8.15	.028	----	---	1	UNCH	379.00B	2.80A	
6880	---	---	*2.35A	----	2.30-	6.20	.022	----	---	6	UNCH	362.75B	2.35A	
6900	---	---	*2.50A	----	1.85-	4.40	.018	----	---	109	UNCH	382.50B	2.50A	
6920	---	---	*2.30A	----	1.50-	3.30	.014	----	---	1	UNCH	366.25B	2.30A	
6950	---	---	*2.20A	----	1.10-	1.90	.010	----	---	2	UNCH	344.00B	2.20A	
6980	---	---	---	----	.80-	1.05	.007	----	---	8	UNCH	320.50B	2.00A	
7000	---	---	---	----	.65-	0.65	.005	----	---	19	UNCH	305.25B	5.50A	
7010	---	---	---	----	.60-	0.50	.005	----	---	1	UNCH	298.00B	5.00A	
7020	---	---	---	----	.55-	0.35	.004	----	---	1	UNCH	290.00B	4.50A	
7050	---	---	---	----	.40-	0.10	.003	----	---	1	UNCH	268.50B	3.25A	
7100	---	---	---	----	.25+	0.10	.002	----	---	50	UNCH	233.50B	2.55A	
7150	---	---	---	----	.20+	0.15	.001	----	---	1	UNCH	200.50B	3.00A	
7160	---	---	---	----	.15+	0.10	.001	----	---	2	UNCH	194.00B	3.00A	
7180	---	---	---	----	.15+	0.15	.001	----	---	1	UNCH	181.75B	2.70A	
7200	---	.10B	---	----	.10+	0.10	.000	----	---	16	UNCH	170.00B	3.25A	
7230	---	---	---	----	.10+	0.10	.000	----	---	1	UNCH	153.00B	2.75A	
7250	---	.15B	---	----	.10+	0.10	.000	----	---	11	UNCH	142.00B	5.25A	
7260	---	---	---	----	.10+	0.10	.000	----	---	86	UNCH	136.50B	5.25A	
7300	---	---	---	----	.05+	0.05	.000	----	---	4	UNCH	116.75B	5.00A	
7480	---	---	---	----	CAB	---	.000	----	---	3	UNCH	59.50B	8.75A	
7500	---	---	---	----	CAB	---	.000	----	---	4	UNCH	55.00B	8.00A	
7600	---	---	---	----	CAB	---	---	----	---	20	UNCH	31.25B	3.00	
7620	---	---	---	----	CAB	---	---	----	---	1	UNCH	28.25B	5.25A	
TOTAL	---	---	---	----	---	---	---	----	98	597 +	44	---	---	
MAY18	MINI NSDO EOM C													
6380	---	392.50B	251.75A	----	271.00-	96.00	.636	----	---	5	UNCH	837.25B	236.25A	
6400	---	376.25B	238.75A	----	257.00-	94.25	.621	----	---	1	UNCH	819.00B	226.00A	
6520	174.00	283.00B	*159.75A	----	179.75-	NEW	.519	----	2	---	UNCH	712.00B	159.75A	
6550	152.00	261.00B	*143.50A	----	162.25	NEW	.491	----	2	---	UNCH	685.50B	143.50A	
6620	---	212.50B	*110.25A	----	124.75-	70.00	.423	----	---	1	UNCH	624.75B	110.25A	
6660	93.75	186.25B	*92.75A	----	105.75-	NEW	.382	----	1	1 +	1	590.75B	92.75A	
6700	151.25	161.75B	*77.25A	----	88.50-	59.00	.342	----	13	10 -	5	557.00B	77.25A	
6750	---	133.25B	*61.25A	----	69.25-	52.00	.291	----	---	10	UNCH	515.50B	61.25A	
6760	---	128.00B	*58.25A	----	66.00-	50.25	.281	----	---	1	UNCH	507.50B	58.25A	
6770	---	122.75B	*55.50A	----	62.50-	49.00	.271	----	---	1	UNCH	499.25B	55.50A	
6800	84.50	107.50B	*47.25A	----	53.25-	44.25	.243	----	3	7 -	1	511.75B	47.25A	
6810	---	102.75B	*44.75A	----	50.50-	42.75	.234	----	---	1	UNCH	503.50B	44.75A	
6830	47.00	93.50B	*40.25A	----	45.00-	39.75	.215	----	1	1	UNCH	487.75B	40.25A	
6840	65.00	89.00B	*38.00A	----	42.50-	38.25	.206	----	7	24 +	5	478.25B	38.00A	
6850	81.00	84.75B	*36.00A	----	40.00-	36.75	.197	----	10	16 -	2	471.25B	36.00A	
6860	---	80.50B	*34.00A	----	37.75-	35.25	.189	----	---	1	UNCH	463.25B	34.00A	
6890	---	68.75B	*29.25A	----	31.50-	30.50	.165	----	---	1	UNCH	439.75B	29.25A	
6900	---	65.00B	*27.75A	----	29.75-	29.00	.158	----	1	6 -	1	432.00B	27.75A	
6910	---	61.50B	*26.25A	----	27.75-	27.75	.150	----	---	2	UNCH	424.50B	26.25A	
6920	---	58.00B	*24.75A	----	26.25-	26.25	.143	----	---	1	UNCH	417.25B	24.75A	
6960	---	45.50B	*19.75A	----	20.25-	20.75	.117	----	---	1	UNCH	387.00B	19.75A	
6980	---	40.00B	*17.75A	----	17.75-	18.25	.105	----	---	5	UNCH	372.75B	17.75A	
7000	---	34.75B	*15.75A	----	15.50-	16.00	.094	----	---	7	UNCH	358.50B	15.75A	
7050	---	24.00B	*12.25A	----	11.00-	11.25	.070	----	---	2	UNCH	323.00B	12.25A	
7080	---	18.75B	*10.50A	----	9.00-	8.75	.059	----	1	1 -	1	302.50B	10.50A	
7100	---	15.75B	*9.50A	----	7.75-	7.50	.052	----	1	23 -	1	288.25B	9.50A	
7140	---	---	*8.25A	----	6.00-	5.00	.041	----	---	1	UNCH	263.50B	8.25A	
7150	---	---	*7.75A	----	5.50-	4.50	.038	----	---	4	UNCH	257.25B	7.75A	
7200	---	---	*5.75A	----	3.90-	2.60	.028	----	---	7	UNCH	226.00B	5.75A	
7250	---	---	---	----	2.75-	1.50	.020	----	---	3	UNCH	198.25B	9.00A	
7260	---	---	---	----	2.55-	1.35	.019	----	---	24	UNCH	191.75B	8.50A	
7300	---	---	---	----	1.90-	0.80	.014	----	---	4	UNCH	170.50B	7.25A	
7360	---	---	---	----	1.20-	0.35	.009	----	---	1	UNCH	142.00B	5.25A	
7500	---	---	---	----	.40-	0.05	.003	----	---	4	UNCH	86.25B	4.75	
7570	---	---	---	----	.20-	0.05	.001	----	---	3	UNCH	64.25B	5.00	
7580	---	---	---	----	.20	UNCH	.001	----	---	1	UNCH	61.50B	7.50A	
7600	---	---	---	----	.15-	0.05	.001	----	---	10	UNCH	56.50B	2.00	
7800	---	---	---	----	.05	UNCH	.000	----	---	28	UNCH	23.75	1.35	
7900	---	---	---	----	CAB	---	.000	----	---	4	UNCH	8.75B	1.30	
8000	---	---	---	----	CAB	---	.000	----	---	5	UNCH	2.20	1.70	
8090	---	---	---	----	CAB	---	.000	----	---	1	UNCH	---	---	
TOTAL	---	---	---	----	---	---	---	----	42	229 -	5	---	---	
JUN18	MINI NSDO EOM C													
6300	---	524.75B	377.75A	----	399.50-	99.00	.672	----	---	20	UNCH	924.00B	347.50A	
6390	---	452.75B	308.75A	----	334.00-	94.25	.623	----	---	2	UNCH	845.75B	294.50A	
6450	279.50	406.50B	271.00A	----	292.75-	90.50	.586	----	1	---	1	794.25B	262.00A	
6500	---	369.00B	241.00A	----	260.00-	87.25	.553	----	---	108	UNCH	752.25B	236.50A	
6600	---	298.00B	*186.50A	----	200.75-	78.25	.482	----	---	40	UNCH	669.50B	186.50A	
6660	---	258.25B	*156.25A	----	169.00-	71.75	.437	----	---	2	UNCH	621.00B	156.25A	
6700	---	233.00B	*138.00A	----	149.75-	67.00	.407	----	---	1	UNCH	589.25B	138.00A	
6720	132.75	220.75B	*129.50A	----	140.50-	64.75	.391	----	3	6	UNCH	573.50B	129.50A	
6750	---	203.00B	*116.75A	----	127.50-	60.75	.368	----	---	1	UNCH	550.25B	116.75A	
6800	---	175.00B	*98.25A	----	107.50-	54.25	.330	----	---	167	UNCH	575.75B	98.25A	
6820	---	164.25B	*91.00A	----	100.00-	51.75	.315	----	---	6	UNCH	560.25B	91.00A	
6870	---	139.25B	*75.00A	----	83.00-	45.25	.277	----	---	4	UNCH	521.75B	75.00A	
6900	---	125.25B	*66.50A	----	73.75-	41.25	.256	----	---	13	UNCH	499.75B	66.50A	
6950	---	103.75B	*54.25A	----	60.00-	35.00	.221	----	---	13	UNCH	462.50B	54.25A	
6960	---	99.75B	*52.00A	----	57.50-	33.75	.214	----	---	19	UNCH	455.00B	52.00A	
6970	---	95.75B	*49.75A	----	55.00-	32.50	.207	----	---	7	UNCH	447.75B	49.75A	
7000	55.00	84.75B	*43.75A	----	48.25-	29.00	.188	----	25	196 +	25	424.75B	43.75A	
7010	---	81.25B	*41.75A	----	46.00-	28.00	.182	----	---	1	UNCH	419.00B	41.75A	
7080	---	59.25B	*30.25A	----	33.00-	20.75	.141	----	---	1	UNCH	371.00B	30.25A	
7100	---	53.75B	*27.00A	----	30.00-	18.75	.131	----	---	3	UNCH	359.00B	27.00A	
7150	---	41.25B	*21.50A	----	23.25-	14.50	.107	----	---	1	UNCH	326.00B	21.50A	
7200	---	31.25B	*17.00A	----	17.75-	11.00	.086	----	---	4	UNCH			



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PRELIMINARY

PG40 BULLETIN # 78@

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS

Tue, Apr 24, 2018 PG40

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. Includes sub-headers QN1 PUT and MAY18.

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. Includes sub-headers QN2 PUT and MAY18.

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. Includes sub-headers QN4 PUT and APR18.

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PRELIMINARY

PG40	BULLETIN # 78@	NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS								Tue, Apr 24, 2018			PG40	
5000	----	----	----	----	----	CAB	----	----	----	10	UNCH	12.75B	1.60A	
5050	----	----	----	----	----	CAB	----	----	----	10	UNCH	14.00B	1.65A	
5200	----	----	----	----	----	CAB	----	----	----	50	UNCH	19.50B	1.85A	
5400	----	----	----	----	----	CAB	----	----	----	2	UNCH	29.00B	1.25A	
5510	0.55	.55	*.55	----	----	.05	UNCH	.000	----	6	12 +	6	36.25B	.55
5700	----	----	----	----	----	.15	UNCH	.000	----	2	UNCH	54.00B	.50A	
5720	----	----	----	----	----	.15	UNCH	.000	----	1	UNCH	56.50B	.50A	
5770	----	----	----	----	----	.20	UNCH	.000	----	1	UNCH	62.25B	.55A	
5790	----	----	----	----	----	.25	UNCH	.000	----	1	UNCH	64.50B	.60A	
5800	----	----	----	----	----	.25	UNCH	.000	----	74	UNCH	66.00B	.70A	
5890	0.75	.80	*.70	----	----	.50+	NEW	.001	----	10	10 +	10	78.50B	.60
5900	0.65	.95	*.35A	----	----	.50+	10	.001	----	16	13 +	6	80.25B	.35A
5930	----	.70B	----	----	----	.65+	20	.002	----	7	UNCH	85.00B	.85A	
5950	----	.85B	----	----	----	.75+	25	.003	----	25	UNCH	88.25B	.90A	
5980	----	1.15B	----	----	----	.90+	30	.003	----	3	UNCH	93.50B	.95A	
6000	1.45	1.60	1.15	----	----	1.05+	40	.004	----	4	57 +	1	97.25B	.80
6050	2.00	2.30B	2.00	----	----	1.50+	60	.007	----	150	201 +	145	106.75B	1.25A
6070	----	2.75B	----	----	----	1.75+	75	.009	----	----	25	UNCH	111.50B	1.35A
6100	1.25	4.00	*.85	----	----	2.15+	95	.011	----	77	235 +	63	118.25B	.85
6110	----	4.00B	----	----	----	2.30+	105	.012	----	7	UNCH	119.75B	1.65A	
6120	----	4.35B	----	----	----	2.50+	115	.014	----	2	UNCH	122.75B	1.70A	
6130	4.45	4.80B	3.50A	----	----	2.70+	130	.015	----	2	4 +	1	124.75B	1.80A
6140	----	5.25B	----	----	----	2.90+	140	.017	----	----	16	UNCH	128.00B	1.85A
6150	2.00	7.00	2.00	----	----	3.15+	155	.019	----	103	162 +	100	130.75B	1.95A
6200	4.25	9.25B	4.25	----	----	4.60+	240	.030	----	93	30 -	89	146.50B	2.40A
6210	----	10.25B	----	----	----	5.00+	265	.033	----	5	UNCH	149.75B	2.55A	
6250	----	14.50B	3.05A	----	----	7.00+	390	.050	----	138	UNCH	163.75B	3.05A	
6260	----	16.00B	3.20A	----	----	7.50+	415	.054	----	22	UNCH	167.50B	2.95	
6300	7.00	22.25B	*3.85A	----	----	10.50+	595	.080	----	126	177 +	115	183.00B	3.85A
6310	----	24.00B	*4.10A	----	----	11.50+	660	.088	----	82	87 +	47	187.25B	4.10A
6320	20.75	26.00B	*4.25A	----	----	12.50+	725	.097	----	30	31 +	30	191.25B	4.25A
6330	23.00	28.25B	*4.60A	----	----	13.75+	NEW	.108	----	1	1 +	1	195.50B	4.60A
6340	----	30.50B	*4.80A	----	----	15.00+	875	.118	----	1	UNCH	199.75B	4.80A	
6350	11.00	33.00B	*4.50A	----	----	16.25+	950	.129	----	56	150 +	54	204.25B	4.50A
6360	7.00	35.50B	*5.50A	----	----	17.75+	1025	.142	----	1	3 +	1	208.75B	5.50A
6370	24.50	38.50B	6.00A	----	----	19.25+	1125	.155	----	5	7 +	5	213.25B	6.00A
6380	----	41.25B	6.50A	----	----	21.00+	1225	.169	----	87	88 -	2	218.00B	6.50A
6390	17.75	44.50B	7.00A	----	----	23.00+	1325	.185	----	90	124 +	81	222.75B	6.75A
6400	13.25	47.50B	7.50A	----	----	25.00+	1450	.202	----	117	330 +	96	227.75B	7.00A
6410	28.50	50.75B	8.00A	----	----	27.25+	1575	.220	----	3	8 +	2	232.75B	7.25A
6420	----	54.75B	8.75A	----	----	29.75+	1725	.239	----	5	15 -	1	238.00B	7.50A
6430	55.75	58.25B	9.50A	----	----	32.25+	1875	.259	----	2	5	UNCH	243.25B	8.00A
6440	41.50	62.25B	10.25A	----	----	35.25+	2050	.280	----	3	7 +	1	248.75B	8.25A
6450	18.00	66.50B	11.00A	----	----	38.25+	2225	.302	----	131	63 +	37	253.75B	8.00
6460	32.00	71.00B	12.00A	----	----	41.50+	2425	.325	----	5	21 +	3	259.25B	9.00A
6470	26.25	75.50B	13.00A	----	----	44.75+	2600	.349	----	5	12 +	3	264.75B	9.50A
6480	63.00	80.00B	14.00A	----	----	48.50+	2825	.373	----	22	28	UNCH	270.50B	10.00A
6490	----	85.00B	15.25A	----	----	52.50+	3050	.399	----	1	15 +	1	277.00B	10.50A
6500	21.00	90.00B	16.50A	----	----	56.75+	3300	.424	----	58	249 +	25	283.00B	11.00A
6510	46.25	95.50B	17.75A	----	----	61.00+	3525	.450	----	36	23 +	17	289.00B	11.50A
6520	14.25	101.00B	14.25	----	----	65.75+	3800	.477	----	84	168 +	77	295.25B	12.00A
6530	40.25	103.75B	20.50A	----	----	70.50+	4050	.504	----	9	22 +	5	301.25B	12.75
6540	----	109.25B	22.00A	----	----	75.50+	4325	.530	----	1	49 +	1	307.00B	13.50A
6550	41.75	115.00B	23.75A	----	----	80.75+	4625	.557	----	78	84 -	21	313.50B	14.00A
6560	----	121.75B	25.25A	----	----	86.00+	4875	.584	----	2	13 +	1	320.50B	14.75A
6570	54.25	128.75B	27.25A	----	----	91.50+	5175	.611	----	3	10 +	3	326.50B	15.50A
6580	40.00	134.50B	29.25A	----	----	97.25+	5450	.638	----	37	77 +	10	333.25B	16.50A
6590	----	141.75B	31.25A	----	----	103.00+	5725	.664	----	----	10	UNCH	340.00B	17.25A
6600	43.75	149.00B	33.75A	----	----	109.25+	6050	.690	----	80	274 +	1	347.75B	18.25A
6610	----	156.50B	35.75A	----	----	115.50+	6350	.716	----	2	114 +	1	354.75B	19.25A
6620	53.75	164.00B	38.75A	----	----	122.00+	6650	.742	----	5	7 +	5	361.75B	20.25A
6630	95.50	172.00B	41.50A	----	----	128.75+	6950	.766	----	4	8 -	1	369.00B	21.50A
6640	60.00	179.75B	44.25A	----	----	136.00+	7300	.789	----	9	27 +	1	375.50B	22.50A
6650	46.00	187.75B	46.00	----	----	143.25+	7625	.811	----	90	67 -	25	383.00B	21.00
6660	----	196.25B	50.50A	----	----	150.75+	7950	.832	----	8	UNCH	390.25B	25.25A	
6670	56.00	205.00B	54.00A	----	----	158.75+	8300	.851	----	9	7 +	3	398.00B	26.75A
6680	119.00	213.50B	57.50A	----	----	166.75+	8650	.869	----	8	55 -	1	405.50B	28.25A
6690	139.25	222.75B	62.00A	----	----	175.00+	9000	.885	----	1	78 -	1	413.25B	29.75A
6700	75.00	233.50	64.00	----	----	183.50+	9350	.899	----	69	120 +	12	421.25B	31.50A
6710	----	240.50B	70.25A	----	----	192.25+	9700	.912	----	40	UNCH	429.00B	33.25A	
6720	----	250.00B	75.00A	----	----	201.00+	10025	.924	----	1	24 -	1	437.00B	35.25A
6730	----	259.00B	80.25A	----	----	210.00+	10350	.934	----	19	UNCH	445.25B	37.25A	
6740	----	268.75B	85.25A	----	----	219.00+	10650	.944	----	27	UNCH	453.50B	39.25A	
6750	124.50	278.00B	90.50A	----	----	228.25+	10975	.952	----	14	45 -	13	461.50B	40.00
6760	----	287.50B	96.25A	----	----	237.50+	11250	.959	----	41	UNCH	469.75B	44.00A	
6770	----	297.25B	102.00A	----	----	247.00+	11550	.965	----	66	UNCH	478.25B	46.50A	
6780	----	306.75B	108.00A	----	----	256.25+	11775	.971	----	1	UNCH	486.75B	49.25A	
6790	----	312.75B	114.50A	----	----	266.00+	12050	.975	----	8	UNCH	495.50B	52.25A	
6800	295.00	322.50B	121.25A	----	----	275.50+	12250	.979	----	1	12 -	1	504.00B	55.25A
6810	----	332.25B	128.25A	----	----	285.25+	12475	.983	----	3	UNCH	512.75B	58.25A	
6830	----	352.00B	143.00A	----	----	304.50+	12800	.988	----	11	UNCH	530.25B	65.25A	
6850	----	371.75B	158.75A	----	----	324.25+	13100	.992	----	51	UNCH	548.00B	69.75A	
6880	----	394.25B	184.25A	----	----	353.75+	13400	.996	----	35	UNCH	576.25B	74.50A	
6900	----	413.25B	202.25A	----	----	373.50+	13550	.997	----	24	UNCH	593.75B	78.00A	
6910	----	423.25B	211.50A	----	----	383.50+	13625	.998	----	49	UNCH	603.00B	80.00A	
6950	----	463.00B	249.25A	----	----	423.25+	13775	.999	----	1	UNCH	640.50B	87.75A	
7000	----	513.00B	298.00A	----	----	473.25+	13900	.999	----	1	UNCH	688.00B	98.75A	
7030	----	390.50B	327.50A	----	----	503.25+	13950	.999	----	9	UNCH	716.75B	106.25A	
7050	----	410.50B	347.50A	----	----	523.25+	13975	.999	----	13	UNCH	736.25B	111.75A	
TOTAL										1834	4248 +	815		
MAY18	QNA PUT													
4950	2.15	#2.60B	2.15	----	----	2.25+	NEW	.007	----	10	10 +	10	2.60B	2.15A
5000	----	#3.05B	----	----	----	2.60+	35	.008	----	----	10	UNCH	3.05B	2.15
5900	29.25	#39.50B	18.50A	----	----	31.50+	1075	.108	----	2	4	UNCH	39.50B	12.50
5950	----	#45.00B	21.00A	----	----	35.75+	NEW	.122	----	1	1 +	1	45.00B	14.75A
6000	----	#51.75B	23.75A	----	----	41.00+	NEW	.140	----	1	1 +	1	51.75B	16.50A
6150	50.00	#77.25B	35.00A	----	----	62.00+	NEW	.206	----	1	1 +	1	77.25B	23.50A



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Table with columns: PG40, BULLETIN # 78@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Tue, Apr 24, 2018, PG40. Contains multiple columns of numerical data representing market information.

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PG40	BULLETIN # 78@	NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS										Tue, Apr 24, 2018		PG40
5850	153.00	153.00	103.00A	----	140.75+	3075	.215	----	1	1	UNCH	388.00B	83.00A	
5900	130.00	162.50B	110.00A	----	150.00+	3250	.228	----	1	4	UNCH	409.75B	88.50A	
5920	----	166.75B	113.00A	----	154.00+	3325	.234	----	----	1	UNCH	417.75B	90.50A	
5990	----	182.25B	123.50A	----	168.25+	3575	.254	----	----	2	UNCH	450.00B	97.25A	
6000	140.00	185.00B	125.00A	----	172.50+	3600	.257	----	90	334 -	29	454.75B	97.75A	
6010	----	187.00B	126.75A	----	177.00+	3750	.260	----	----	1	UNCH	459.50B	99.50A	
6030	----	192.00B	130.00A	----	181.50+	3825	.273	----	----	4	UNCH	469.00B	101.50A	
6050	----	197.00B	133.50A	----	193.25+	4025	.289	----	----	1	UNCH	478.75B	103.75A	
6100	----	209.75B	142.50A	----	205.75+	4250	.306	----	----	30	UNCH	503.50B	101.25	
6150	----	223.50B	152.00A	----	219.00+	4475	.324	----	----	9	UNCH	529.50B	115.25A	
6200	197.00	238.00B	158.75A	----	224.75+	4575	.332	----	5	146 +	4	556.75B	121.50A	
6220	----	244.00B	166.50A	----	236.25+	4775	.347	----	----	30	UNCH	568.00B	124.00A	
6250	----	253.00B	173.00A	----	248.25+	4975	.363	----	----	20	UNCH	584.75B	128.25A	
6260	----	256.25B	175.25A	----	254.50+	5100	.371	----	----	33	UNCH	590.75B	129.50A	
6300	----	269.25B	184.50A	----	264.25+	5275	.383	----	----	3	UNCH	614.25B	135.25A	
6320	----	276.50B	189.50A	----	267.50+	5325	.387	----	----	2	UNCH	626.25B	138.25A	
6350	211.00	287.00B	197.00A	----	281.25+	5575	.404	----	197	198 +	195	644.50B	142.75A	
6360	----	289.75B	199.50A	----	288.25+	5675	.413	----	----	4	UNCH	651.00B	144.25A	
6400	----	305.00B	209.75A	----	299.00+	5850	.426	----	88	125 +	75	676.25B	150.50A	
6420	----	312.50B	215.25A	----	310.25+	6050	.440	----	----	2	UNCH	689.25B	153.50A	
6450	----	324.00B	224.00A	----	318.00+	6175	.449	----	----	18	UNCH	709.00B	158.50A	
6480	----	336.25B	232.50A	----	337.75+	6475	.473	----	1	2070 +	1	742.50B	167.25A	
6500	----	344.25B	238.75A	----	350.25+	6675	.487	----	----	4	UNCH	777.75B	176.25A	
6550	----	365.25B	254.25A	----	354.50+	6725	.492	----	----	9	UNCH	799.25B	182.00A	
6580	----	378.50B	264.50A	----	358.75+	6800	.497	----	77	74 +	23	813.50B	185.75A	
6590	----	383.75B	268.00A	----	362.25+	NEW	.502	----	4	4 +	4	821.00B	187.75A	
6600	284.25	388.25B	271.25A	----	367.50+	6925	.507	----	----	3	UNCH	828.25B	189.75A	
6610	288.00	393.00B	274.75A	----	372.00+	7000	.512	----	----	2	UNCH	835.75B	191.75A	
6620	----	396.50B	278.25A	----	381.00+	7125	.522	----	----	21	UNCH	850.75B	195.75A	
6630	----	401.75B	281.75A	----	385.75+	7225	.527	----	----	13	UNCH	858.50B	198.25A	
6650	----	410.75B	289.00A	----	395.00+	7350	.537	----	----	16	UNCH	873.75B	202.50A	
6660	----	416.75B	292.50A	----	404.50+	7475	.547	----	----	62	UNCH	889.00B	206.75A	
6680	----	426.25B	300.00A	----	409.50+	7575	.552	----	----	8	UNCH	896.75B	209.00A	
6700	----	436.50B	307.75A	----	419.25+	7700	.562	----	----	9	UNCH	912.50B	213.50A	
6710	----	442.00B	311.75A	----	424.25+	7775	.568	----	----	21	UNCH	920.25B	216.00A	
6730	----	452.50B	319.75A	----	429.25+	7850	.573	----	----	2	UNCH	928.25B	218.50A	
6740	----	457.75B	323.75A	----	439.50+	7975	.583	----	----	68	UNCH	944.25B	223.00A	
6750	----	462.50B	328.00A	----	455.50+	8225	.599	----	----	41	UNCH	968.50B	230.50A	
6770	----	473.25B	336.25A	----	483.00+	8600	.625	----	1	43 -	1	1.010.00B	243.00A	
6800	----	490.00B	349.25A	----	488.75+	8675	.631	----	----	1	UNCH	1.018.25B	246.50A	
6850	----	519.00B	372.50A	----	512.00+	8975	.652	----	----	5	UNCH	1.052.00B	257.25A	
6880	----	524.75B	377.25A	----	536.25+	9300	.673	----	----	1	UNCH	1.086.50B	268.25A	
6900	----	549.25B	396.50A	----	574.25+	9725	.704	----	----	22	UNCH	1.139.25B	286.50A	
6940	----	575.50B	417.50A	----	580.75+	9800	.709	----	----	1	UNCH	808.50B	289.50A	
6940	----	614.25B	449.75A	----	600.75+	10025	.724	----	----	3	UNCH	829.25B	299.25A	
7000	----	621.00B	455.00A	----	621.25+	10250	.740	----	----	68	UNCH	823.50B	309.25A	
7010	----	641.75B	472.25A	----	656.75+	10625	.764	----	----	5	UNCH	861.00B	326.75A	
7040	----	651.50B	490.00A	----	678.75+	10825	.778	----	----	17	UNCH	884.00B	337.50A	
7070	----	669.75B	520.50A	----	755.75+	11525	.823	----	----	78	UNCH	963.25B	374.00	
7120	----	715.00B	650.75B	----	1.155.75+	13500	.949	----	----	1	UNCH	1.361.50B	633.25A	
7150	----	----	----	----	----	----	----	----	----	470	4535 +	274	----	----
7250	----	----	----	----	----	----	----	----	----	----	----	----	----	----
7700	----	----	983.75A	----	----	----	----	----	----	----	----	----	----	----
TOTAL	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DEC18	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4350	----	36.00B	----	----	37.50+	600	.046	----	----	36	UNCH	56.50B	27.00	
4440	----	40.50B	----	----	42.00+	700	.051	----	----	23	UNCH	68.00B	32.75	
4500	----	43.75B	----	----	45.25+	775	.055	----	----	7	UNCH	73.50B	35.00A	
4510	----	44.25B	----	----	45.75+	775	.056	----	----	2	UNCH	125.00	35.00	
4600	----	50.00B	----	----	51.00+	875	.062	----	----	104	UNCH	117.50B	34.00	
4700	----	57.00B	----	----	57.50+	1025	.070	----	----	3	UNCH	130.00B	43.00A	
4800	----	64.50B	----	----	64.50+	1150	.079	----	----	15	UNCH	143.50B	47.75A	
5000	----	82.50B	----	----	81.25+	1500	.099	----	----	70	UNCH	194.00	53.00	
5030	----	85.50B	----	----	84.00+	1525	.102	----	----	1	UNCH	179.00B	60.75A	
5180	----	102.25B	----	----	99.50+	1825	.121	----	----	5	UNCH	206.00B	71.00A	
5230	----	108.50B	----	----	105.25+	1925	.128	----	----	1	UNCH	215.25B	75.00A	
5250	----	111.00B	----	----	107.50+	1950	.130	----	----	18	UNCH	219.25B	76.50A	
5500	----	147.50B	114.75A	----	141.50+	2525	.170	----	304	UNCH	274.00B	96.75A		
5600	159.00	164.50B	127.25A	----	157.75+	2800	.189	----	1	1 +	1	300.00B	104.75A	
5700	----	184.00B	141.50A	----	175.50+	3075	.209	----	----	1	UNCH	332.75B	114.50A	
5750	----	194.25B	149.00A	----	185.00+	3225	.219	----	----	3	UNCH	347.50B	119.75A	
5800	----	205.25B	157.00A	----	195.00+	3375	.231	----	200	UNCH	362.50B	125.25A		
5900	----	228.25B	174.25A	----	216.50+	3700	.254	----	----	1	UNCH	393.75B	137.00A	
6000	----	253.75B	193.00A	----	240.00+	4025	.280	----	6	683 +	4	429.00B	150.00A	
6030	----	261.75B	199.00A	----	247.50+	4125	.288	----	----	4	UNCH	440.25B	154.25A	
6050	----	267.75B	203.25A	----	252.75+	4200	.293	----	----	1	UNCH	447.00B	157.00A	
6100	----	282.00B	214.00A	----	266.00+	4375	.307	----	----	12	UNCH	464.50B	164.25A	
6120	----	287.75B	218.25A	----	271.25+	4425	.313	----	----	1	UNCH	473.50	167.25A	
6300	----	345.50B	262.50A	----	325.50+	5200	.368	----	----	2	UNCH	547.75B	196.50A	
6360	----	366.75B	279.00A	----	345.50+	5450	.388	----	----	4	UNCH	574.50B	207.25A	
6440	----	397.25B	303.00A	----	374.25+	5875	.416	----	250	UNCH	613.75B	222.75A		
6450	----	401.00B	306.00A	----	377.75+	5900	.419	----	----	1	UNCH	617.00B	224.50A	
6500	410.00	421.25B	322.00A	----	397.00+	6175	.437	----	2	302	UNCH	642.00B	235.00A	
6600	----	464.25B	355.75A	----	437.75+	6700	.475	----	100	UNCH	693.50B	257.25A		
6650	----	486.50B	374.00A	----	459.25+	6950	.494	----	----	8	UNCH	719.25B	269.00A	
6750	----	535.25B	413.50A	----	505.50+	7450	.533	----	3	UNCH	777.00B	294.00A		
6780	----	550.50B	426.00A	----	520.25+	7625	.545	----	3	UNCH	794.75B	302.00A		
6800	----	561.00B	434.50A	----	530.00+	7700	.553	----	4	UNCH	806.50B	307.50A		
6820	----	571.50B	443.25A	----	540.25+	7800	.562	----	3	UNCH	818.75B	313.25A		
6830	----	577.00B	447.50A	----	545.50+	7875	.566	----	3	UNCH	824.75B	314.00A		
6850	----	588.00B	456.50A	----	555.75+	7950	.574	----	20	UNCH	837.00B	319.75A		
6900	----	615.75B	480.25A	----	582.50+	8200	.594	----	1	UNCH	868.25B	334.25A		
6910	----	621.50B	484.75A	----	588.00+	8250	.598	----	5	UNCH	881.25B	337.25A		
6940	----	639.00B	499.25A	----	604.75+	8400	.611	----	3	UNCH	900.75B	346.50A		
7030	----	693.50B	545.00A	----	657.25+	8875	.648	----	1	UNCH	845.50B	375.75A		
7090	----	731.75B	577.50A	----	694.50+	9225	.672	----	1	UNCH	910.50B	396.75A		
7180	----	792.00B	629.50A	----	753.25+	9725	.708	----	2	UNCH	948.75B	430.00A		
7200	----	806.00B	641.50A	----	766.75+	9825	.716	----	2					



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ADDITIONAL NASDAQ 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. Lists additional NASDAQ put options data.



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PG40 BULLETIN # 78@

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS

Tue, Apr 24, 2018 PG40

Table with columns for contract symbols (e.g., 5.50B, 3.05A), prices, and volumes. Includes a 'ON OOF' column on the left and a 'UNCH' column on the right. The table lists various options contracts and their corresponding market data.

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PG40 BULLETIN # 78@

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS

Tue, Apr 24, 2018 PG40

MINI NSDO EOM P													
6100	---	76.00B	36.50A	----	63.25+	23.50	.195	----	----	6	UNCH	298.50B	28.50A
6110	64.50	78.00B	37.25A	----	64.75	NEW	.200	----	2	2 +	2	301.75B	29.25A
6140	---	84.00B	40.00A	----	69.75+	26.00	.214	----	----	13	UNCH	312.75B	29.50A
6150	71.00	86.00B	40.75A	----	71.50+	26.50	.219	----	2	4	UNCH	316.25B	32.00A
6180	---	92.25B	43.75A	----	76.75+	28.25	.234	----	1	7	UNCH	328.00B	32.00A
6190	---	94.50B	44.75A	----	78.75+	29.00	.240	----	----	1	UNCH	332.00B	32.75A
6200	---	97.00B	46.00A	----	80.75+	29.75	.245	----	12	16 -	12	336.00B	33.50A
6210	---	99.00B	47.00A	----	82.75+	30.50	.251	----	----	1	UNCH	340.00B	34.25A
6230	---	104.00B	49.25A	----	86.75+	31.75	.262	----	----	2	UNCH	348.00B	35.75A
6250	---	109.00B	51.75A	----	91.00+	33.00	.274	----	1	7 +	1	356.25B	37.50A
6290	---	119.75B	56.75A	----	100.25+	36.00	.299	----	----	2	UNCH	376.25B	41.00A
6300	105.00	122.50B	58.25A	----	102.75+	37.00	.306	----	1	4 +	1	377.25B	41.75A
6310	---	125.50B	59.75A	----	105.25+	37.75	.312	----	----	1	UNCH	380.00B	42.75A
6350	---	138.50B	66.00A	----	115.75+	41.00	.340	----	----	5	UNCH	402.00B	46.75A
6370	---	145.00B	69.25A	----	121.50+	42.75	.355	----	----	5	UNCH	411.25B	49.00A
6400	---	155.25B	74.75A	----	130.50+	45.75	.378	----	----	11	UNCH	426.50B	50.00
6410	---	159.00B	76.75A	----	133.75+	46.75	.386	----	----	1	UNCH	431.00B	53.75A
6430	---	166.00B	80.50A	----	140.25+	48.75	.402	----	----	1	UNCH	441.25B	55.75A
6440	---	170.00B	82.50A	----	143.50+	49.50	.410	----	----	4	UNCH	446.25B	57.25A
6450	---	173.75B	84.75A	----	147.00+	50.75	.418	----	----	10	UNCH	451.50B	59.00A
6480	---	185.75B	91.50A	----	157.50+	53.50	.444	----	1	----	1	467.50B	62.75A
6500	---	194.75B	96.00A	----	165.25+	56.00	.462	----	1	17 +	1	478.25B	66.00A
6530	---	208.50B	103.75A	----	177.00+	59.00	.489	----	----	5	UNCH	495.25B	71.00A
6550	---	217.50B	109.00A	----	185.50+	61.50	.508	----	1	11 -	1	506.75B	74.50A
6600	---	242.75B	123.75A	----	208.25+	67.50	.556	----	----	6	UNCH	535.25B	82.00A
6620	---	253.50B	130.00A	----	218.00+	70.00	.576	----	----	1	UNCH	547.50B	84.75A
6700	157.00	302.00B	157.00	----	261.25+	80.75	.657	----	4	10 +	2	546.50B	96.50A
6720	---	314.00B	167.50A	----	273.25+	83.50	.678	----	----	50	UNCH	559.75B	99.75A
6750	---	334.25B	180.75A	----	292.25+	88.25	.708	----	----	4	UNCH	549.00B	104.75A
6770	---	348.50B	190.00A	----	305.25+	91.00	.728	----	----	1	UNCH	561.75B	108.50A
6800	---	370.50B	205.00A	----	326.00+	95.75	.756	----	----	2	UNCH	538.50B	114.00A
6860	---	416.75B	238.00A	----	370.50+	105.00	.810	----	----	50	UNCH	622.50B	125.50A
TOTAL										45		327 -	14
201806C	MINI NSDO EOM P												
4150	---	2.05B	----	----	2.90+	0.95	.006	----	----	2	UNCH	14.25B	3.95A
5300	---	27.50B	----	----	25.75+	7.75	.058	----	----	1	UNCH	75.25B	14.00
5600	---	48.50B	28.75A	----	43.50+	13.25	.100	----	----	2	UNCH	115.25B	23.00A
5660	---	53.75B	31.75A	----	48.00+	14.50	.110	----	----	1	UNCH	125.50B	25.25A
5740	---	62.25B	36.25A	----	55.25	NEW	.127	----	1	1 +	1	140.50B	28.75A
5800	---	69.75B	40.00A	----	61.25+	18.25	.141	----	----	1	UNCH	152.75B	31.75A
5900	---	83.50B	47.25A	----	73.50+	22.25	.168	----	----	3	UNCH	175.50B	37.50A
6000	---	100.25B	56.25A	----	88.00+	26.50	.199	----	----	2	UNCH	201.00B	43.75A
6200	---	143.25B	80.50A	----	125.00+	36.50	.278	----	----	169	UNCH	262.50B	61.00
6350	---	186.00B	106.00A	----	160.75+	43.75	.353	----	1	6 +	1	319.25B	79.25A
6360	---	189.00B	108.00A	----	163.50+	44.25	.359	----	----	3	UNCH	323.50B	80.25A
6400	---	202.50B	116.25A	----	175.00+	46.50	.382	----	----	1	UNCH	340.50B	84.50A
6410	---	206.00B	118.50A	----	178.00+	47.00	.388	----	----	2	UNCH	345.00B	85.50A
6450	---	220.50B	127.50A	----	190.50	NEW	.413	----	1	1 +	1	363.00B	90.25A
6470	---	228.25B	132.25A	----	197.25+	50.75	.426	----	----	2	UNCH	372.50B	92.50A
6500	---	240.25B	139.75A	----	207.75+	53.00	.446	----	----	4	UNCH	387.00B	96.25A
6560	---	266.75B	156.25A	----	231.00+	58.00	.488	----	----	2	UNCH	417.25B	104.25A
6570	---	271.25B	159.25A	----	235.00+	58.75	.495	----	----	1	UNCH	422.50B	105.50A
6580	---	275.75B	162.25A	----	239.25+	59.75	.502	----	----	1	UNCH	428.00B	107.00A
6590	---	280.25B	165.25A	----	243.75+	61.00	.509	----	----	1	UNCH	433.25B	108.50A
6600	249.00	285.25B	168.25A	----	248.00+	61.75	.517	----	4	5 +	4	438.25B	109.75A
6650	---	310.25B	184.75A	----	271.25+	67.00	.554	----	----	1	UNCH	462.00B	117.50A
6660	---	315.50B	188.25A	----	276.25+	68.25	.562	----	----	1	UNCH	468.00B	119.25A
6680	---	325.50B	195.50A	----	286.25+	70.50	.577	----	----	1	UNCH	480.00B	122.50A
6750	---	365.25B	222.75A	----	324.50+	79.25	.631	----	----	1	UNCH	523.75B	134.50A
6940	---	493.75B	317.25A	----	448.75+	103.75	.771	----	----	1	UNCH	658.00B	176.00A
TOTAL										7		216 +	7
201807C	MINI NSDO EOM P												
4600	10.00	11.00B	*10.00	----	13.25	NEW	.025	----	3	3 +	3	23.50B	10.00
4770	---	15.75B	----	----	17.25+	5.25	.033	----	----	1	UNCH	38.25B	16.50A
5150	---	32.50B	----	----	31.75	NEW	.061	----	1	1 +	1	70.00B	21.50A
5400	---	50.25B	----	----	47.25	NEW	.092	----	1	1 +	1	100.00B	29.75A
5610	---	71.25B	----	----	65.75+	19.50	.127	----	----	1	UNCH	132.75B	36.00
5900	---	114.50B	72.50A	----	103.25+	29.00	.196	----	----	1	UNCH	193.50B	57.75A
6500	---	281.75B	182.75A	----	255.50+	59.50	.448	----	----	18	UNCH	402.25B	142.25A
TOTAL										5		26 +	5

OPTIONS EOO'S, BLOCKS and EXERCISES

PRODUCT	STRIKE PRICE	EEO VOLUME	BLOCK VOLUME	M-T-D BLOCK VOLUME	OPTION EXERCISES	M-T-D OPTION EXERCISES	Transfer VOLUME
EMINI NASD PUT JUN18	E-MINI NASDAQ 100 OPTIONS						
QZ	7920	----	----	----	----	1	0.00
TOTALS		0	0	0	0	1	0