

2019 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.

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

Customer Service: (312) 930-1000

FINAL

PG40 BULLETIN # 99@

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS

Thu, May 23, 2019 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

Table with 5 columns: EXPIRATION, JUN19, SEP19, DEC19, MAR20. Rows: E-MINI NASDAQ FUT, E-MINI NASDAQ OPT.

EXPIRATION:

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS ON FUTURES

Table with 5 columns: JUN19, SEP19, DEC19, MAR20, and a header for ELIGIBLE OPTIONS SERIES (CALLS & PUTS) FOR TRADING: THU, MAY 23.

Main table listing various futures contracts like JUN19, SEP19, DEC19, MAR20 with prices and volumes.

ADDITIONAL NASDAQ 100 FUTURES

Large table listing additional futures contracts with columns for GLOBEX OPEN, GLOBEX HIGH, GLOBEX LOW, SETT. PRICE & PT. CHGE, RTH VOLUME, GLOBEX VOLUME, OPEN INTEREST, --CONTRACT-- HIGH, and --CONTRACT-- LOW.

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Thu, May 23, 2019 PG40

Table with columns: TRI FUT, DEC24, DEC25, TOTAL, TRI FUT, 6465.00, 11825, 6634.25, 12800, 0, 0, 4250, 10500, UNCH----

NASDAQ 100 WEEKLY-1 CALLS

Main 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 data for JUN19 and JUL19.

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.

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Table with columns: PG40, BULLETIN # 99@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. Contains multiple columns of market data including prices, volumes, and option types.

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 option data for E-MINI NASDAQ 100.

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Table with columns: PG40, BULLETIN # 99@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. It contains a detailed list of market data for various indices and options, including prices, volumes, and bid/ask spreads.

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Table with columns: PG40, BULLETIN #, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. Contains multiple rows of market data including prices, volumes, and option details.



NASDAQ 100, E-MINI NASDAQ 100 AND RUSSELL OPTIONS



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Table with columns: PG40, BULLETIN # 99@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. Contains multiple sections for DEC19, MAR20, and MAY20 with various option prices and volumes.

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Table with columns: PG40, BULLETIN # 99@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. Contains multiple rows of market data including prices, volumes, and option details for various contracts.



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Table with columns: PG40, BULLETIN # 99@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. Contains multiple rows of market data for various contracts.

ADDITIONAL NASDAQ 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. Lists call options with their respective prices and volumes.

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Table with columns: PG40, BULLETIN # 99@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. Rows include contract details like 7880, 7900, 7910, etc., with associated prices and volumes.



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PG40 BULLETIN # 99@

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS

Thu, May 23, 2019 PG40

E-MINI NASDAQ 100 WEEKLY-1 PUTS

STRIKE	OPEN	RANGE	HIGH	LOW	CLOSING	RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	--CONTRACT-- HIGH	LOW
JUN19	Q1 PUT		(FUTURES SETT. .00)										
6200	1.35		2.00B	1.30	----	----	1.50+ NEW	.006	----	20	20 + 20	13.50B	1.25A
6370	----		3.60B	----	----	----	2.45+ 90	.012	----	----	2 UNCH	19.50B	1.70A
6450	----		4.90B	----	----	----	3.20+ 130	.016	----	----	5 UNCH	23.25B	1.85A
6480	----		5.50B	----	----	----	3.55+ 150	.018	----	----	5 UNCH	25.00B	2.00A
6500	5.00		6.00B	3.85A	----	----	3.85+ 165	.019	----	9	37 + 9	26.00B	2.05A
6600	----		9.25B	----	----	----	6.00+ 290	.031	----	----	1 UNCH	32.25B	2.75A
6670	----		12.75B	----	----	----	8.00+ 390	.041	----	----	2 UNCH	37.75B	3.50A
6690	----		14.00B	----	----	----	9.00+ 455	.046	----	----	11 UNCH	39.25B	3.75A
6710	----		15.50B	----	----	----	9.75+ 485	.050	----	----	3 UNCH	41.00B	4.05A
6730	----		17.00B	----	----	----	10.75+ 550	.055	----	----	6 UNCH	43.00B	4.40A
6740	----		17.75B	----	----	----	11.25+ 575	.057	----	----	8 UNCH	44.25B	4.60A
6750	----		18.50B	----	----	----	11.75+ 600	.060	----	----	1 UNCH	45.25B	4.75A
6800	----		23.00B	----	----	----	15.00+ 775	.076	----	----	10 UNCH	51.75B	6.00A
6830	----		26.25B	----	----	----	17.25+ 875	.086	----	----	1 UNCH	56.25B	7.00A
6850	26.25		28.50B	18.75A	----	----	19.00+ 975	.095	----	17	13 + 12	59.25B	7.75A
6860	16.75		29.75B	16.75	----	----	19.75+ 1000	.098	----	21	28 UNCH	60.75B	8.00A
6880	23.00		32.25B	21.50A	----	----	21.75+ 1100	.108	----	1	2 + 1	64.00B	8.75A
6890	----		33.75B	----	----	----	22.75+ 1150	.112	----	----	2 UNCH	65.75B	9.00A
6900	20.25		35.00B	20.25	----	----	23.75+ 1200	.117	----	1	12 + 1	67.50B	9.25A
6910	----		36.50B	----	----	----	25.00+ 1250	.122	----	----	50 UNCH	69.25B	9.75A
6920	----		38.00B	----	----	----	26.00+ 1300	.127	----	----	8 UNCH	71.25B	9.75A
6930	----		39.50B	----	----	----	27.25+ 1350	.133	----	6	56 + 6	73.00B	10.00A
6940	41.00		41.25B	28.25A	----	----	28.50+ 1400	.138	----	2	4 UNCH	75.00B	10.25A
6950	20.25		43.00B	20.25	----	----	29.75+ 1475	.144	----	1	2 + 1	77.00B	10.50A
6970	33.00		46.50B	32.00A	----	----	32.50+ 1575	.156	----	2	31 + 2	81.00B	11.00A
6980	30.50		48.25B	29.00A	----	----	34.00+ NEW	.162	----	10	10 + 10	83.25B	11.25A
6990	----		50.25B	----	----	----	35.50+ 1725	.169	----	----	1 UNCH	85.50B	11.75A
7000	----		52.25B	----	----	----	37.00+ 1775	.175	----	51	62 + 50	87.50B	12.00A
7010	48.00		54.25B	38.00A	----	----	38.50+ 1825	.182	----	31	53 UNCH	90.00B	12.25A
7020	50.00		56.25B	39.75A	----	----	40.25+ NEW	.189	----	3	3 + 3	92.25B	12.50A
7030	----		58.50B	----	----	----	42.00+ 1975	.197	----	----	1 UNCH	94.50B	12.75A
7040	----		60.75B	----	----	----	43.75+ 2025	.204	----	----	1 UNCH	97.00B	13.00A
7050	51.25		63.00B	41.75A	----	----	45.75+ 2125	.212	----	2	6 + 2	99.50B	13.50A
7060	----		65.50B	----	----	----	47.50+ 2175	.220	----	----	3 UNCH	102.00B	13.75A
7070	60.50		68.00B	48.75A	----	----	49.50+ 2250	.228	----	2	2 UNCH	104.50B	14.00A
7080	----		70.50B	----	----	----	51.75+ NEW	.237	----	1	1 + 1	107.25B	14.50A
7090	----		73.00B	----	----	----	53.75+ 2425	.245	----	----	3 UNCH	110.00B	14.75A
7100	75.00		75.75B	55.00A	----	----	56.00+ 2500	.254	----	4	22 + 3	112.75B	15.00A
7110	----		78.50B	----	----	----	58.25+ 2575	.263	----	----	5 UNCH	115.50B	15.50A
7130	----		84.25B	----	----	----	63.25+ 2775	.282	----	----	1 UNCH	121.25B	16.25A
7140	84.50		87.25B	64.50A	----	----	65.75+ NEW	.292	----	26	21 + 21	124.25B	16.50A
7150	81.50		90.50B	67.25A	----	----	68.50+ 2975	.302	----	3	14 - 3	127.25B	17.00A
7170	----		97.00B	----	----	----	74.00+ 3150	.322	----	----	5 UNCH	133.50B	17.75A
7190	----		103.75B	----	----	----	79.75+ 3350	.344	----	----	1 UNCH	140.25B	18.75A
7200	59.75		106.25B	59.75	----	----	83.00+ 3475	.355	----	9	88 + 5	143.50B	19.25A
7210	----		109.75B	----	----	----	86.25+ 3600	.366	----	----	3 UNCH	147.00B	19.75A
7220	----		113.50B	----	----	----	89.50+ 3700	.378	----	----	4 UNCH	150.50B	20.25A
7230	----		117.25B	----	----	----	92.75+ 3800	.389	----	----	2 UNCH	154.00B	20.75A
7240	----		121.25B	----	----	----	96.25+ 3925	.401	----	----	2 UNCH	157.75B	21.50A
7250	105.00		125.25B	98.00	----	----	100.00+ 4050	.413	----	6	18 + 5	161.50B	22.00A
7270	----		133.50B	----	----	----	107.50+ NEW	.438	----	1	1 + 1	169.25B	23.25A
7280	----		137.75B	----	----	----	111.50+ 4425	.451	----	----	9 UNCH	173.25B	24.00A
7300	104.25		146.75B	99.75A	----	----	119.50+ 4675	.477	----	136	121 + 104	181.50B	25.25A
7310	----		151.50B	----	----	----	123.75+ 4825	.490	----	----	6 UNCH	185.75B	26.00A
7320	127.75		156.25B	119.25A	----	----	128.25+ 4950	.503	----	5	5 + 4	190.00B	26.50A
7330	138.25		161.00B	129.75A	----	----	132.75+ 5100	.517	----	3	39 + 3	194.50B	27.25A
7350	----		171.25B	----	----	----	142.00+ 5375	.544	----	50	60 + 50	203.50B	29.00A
7370	----		182.00B	----	----	----	152.00+ 5675	.572	----	1	1 UNCH	213.00B	30.50A
7380	----		187.50B	----	----	----	157.00+ 5825	.586	----	----	18 UNCH	217.75B	31.50A
7390	126.50		193.50B	121.00A	----	----	162.25+ 5975	.600	----	5	6 + 5	222.75B	32.25A
7400	----		199.25B	----	----	----	167.75+ 6150	.614	----	121	243 + 21	227.75B	33.25A
7410	----		205.25B	----	----	----	173.25+ 6300	.628	----	----	3 UNCH	233.00B	34.25A
7420	----		211.00B	----	----	----	179.00+ 6475	.642	----	----	2 UNCH	238.25B	35.25A
7430	----		217.50B	----	----	----	184.75+ 6625	.657	----	----	51 UNCH	243.50B	36.25A
7440	----		223.50B	----	----	----	190.75+ 6800	.671	----	----	3 UNCH	249.00B	37.25A
7450	151.25		230.25B	151.25	----	----	196.75+ 6950	.685	----	2	----	254.50B	38.25A
7460	----		236.75B	----	----	----	203.00+ 7100	.699	----	1	2 - 1	260.25B	39.50A
7470	238.75		243.50B	203.50A	----	----	209.50+ 7275	.712	----	2	5 UNCH	266.00B	40.75A
7480	167.25		250.25B	167.25	----	----	216.00+ 7450	.726	----	2	19 UNCH	271.75B	41.75A
7500	----		261.25B	----	----	----	229.75+ 7825	.753	----	----	9 UNCH	283.75B	44.25A
7510	----		269.00B	----	----	----	236.75+ 7975	.767	----	----	1 UNCH	290.00B	45.75A
7530	----		283.50B	----	----	----	251.00+ 8300	.792	----	----	6 UNCH	302.50B	48.50A
7540	----		291.00B	----	----	----	258.50+ 8500	.804	----	----	37 UNCH	309.00B	49.75A
7550	----		299.00B	----	----	----	266.25+ 8675	.816	----	----	43 UNCH	315.50B	51.50A
7560	----		306.50B	----	----	----	274.00+ 8850	.827	----	----	69 UNCH	322.25B	52.75A
7570	----		314.75B	----	----	----	281.75+ 9000	.839	----	----	19 UNCH	329.00B	54.50A
7580	----		323.00B	----	----	----	289.75+ 9175	.850	----	----	1 UNCH	335.75B	56.25A
7590	----		331.50B	----	----	----	298.00+ 9350	.860	----	----	1 UNCH	342.75B	58.00A
7600	----		339.75B	----	----	----	306.25+ 9500	.870	----	----	172 UNCH	350.00B	59.75A
7610	----		348.25B	----	----	----	314.50+ 9650	.880	----	----	1 UNCH	357.00B	61.50A
7630	----		365.50B	----	----	----	331.50+ 9925	.898	----	----	1 UNCH	371.75B	65.50A
7640	----		374.00B	----	----	----	340.25+ 10075	.906	----	----	1 UNCH	379.25B	67.50A
7650	----		383.25B	----	----	----	349.00+ 10200	.914	----	1	1 - 1	386.75B	69.50A
7680	----		#410.50B	----	----	----	376.25+ 10600	.935	----	----	1 UNCH	410.50B	76.25A
7690	----		#419.50B	----	----	----	385.25+ 10700	.941	----	----	5 UNCH	419.50B	78.50A</



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7230	----	#187.50B	----	----	162.75+	4400	.404	----	----	72	UNCH	187.50B	73.50A
7240	154.50	#191.25B	154.50	----	166.25+	NEW	.412	----	2	2 +	2	191.25B	75.25A
7260	161.00	#199.25B	161.00	----	173.50+	NEW	.426	----	3	3 +	3	199.25B	78.75A
7300	----	#215.50B	----	----	188.75+	4950	.456	----	----	1	UNCH	215.50B	85.75A
7400	----	#261.00B	----	----	231.50+	5800	.536	----	----	3	UNCH	261.00B	107.25A
7420	----	#271.00B	----	----	241.00+	6000	.553	----	----	3	UNCH	271.00B	111.75A
7490	----	#308.75B	----	----	276.75+	6675	.613	----	----	1	UNCH	308.75B	130.25A
7540	----	#338.50B	----	----	305.00+	7200	.656	----	----	1	UNCH	338.50B	145.00A
7550	----	#344.50B	----	----	311.00+	NEW	.665	----	1	1 +	1	344.50B	148.25A
7580	----	#363.25B	----	----	329.25+	NEW	.691	----	1	1 +	1	363.25B	157.50A
7600	----	#372.25B	----	----	342.00+	7850	.708	----	2	4	UNCH	372.25B	164.50A
7610	----	#379.25B	----	----	348.50+	7975	.717	----	----	3	UNCH	379.25B	168.00A
TOTAL									13	407 +	11		

E-MINI NASDAQ 100 WEEKLY-2 PUTS

ON2 PUT	STRIKE	OPEN	RANGE	HIGH	LOW	CLOSING	RANGE	SETT. PRICE & PT. CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	--CONTRACT--	HIGH	LOW
JUN19	ON2 PUT														
6130	----	3.45B	----	----	----	----	----	2.40+ NEW	.010	----	7	7 +	7	11.25B	1.80A
6200	----	4.30B	----	----	----	----	----	2.95+ 95	.012	----	----	2	UNCH	16.25B	2.00A
6320	----	6.50B	----	----	----	----	----	4.35+ 165	.019	----	----	1	UNCH	21.25B	2.45A
6400	----	8.75B	----	----	----	----	----	5.75+ 235	.025	----	----	2	UNCH	25.25B	3.00A
6430	----	9.75B	----	----	----	----	----	6.50+ NEW	.028	----	7	7 +	7	27.00B	3.25A
6500	----	12.75B	----	----	----	----	----	8.25+ 355	.036	----	----	1	UNCH	31.50B	4.00A
6540	----	15.00B	----	----	----	----	----	9.75+ 425	.043	----	----	1	UNCH	34.25B	4.55A
6590	----	18.00B	----	----	----	----	----	12.00+ 550	.052	----	----	10	UNCH	37.75B	5.50A
6640	----	21.50B	----	----	----	----	----	14.50+ 650	.062	----	----	1	UNCH	42.25B	6.50A
6770	----	34.25B	----	----	----	----	----	24.00+ NEW	.100	----	6	6 +	6	57.75B	9.75A
6880	----	49.75B	----	----	----	----	----	36.25+ 1550	.147	----	----	9	UNCH	75.50B	13.75A
6900	44.00	53.25B	----	36.25A	----	----	----	39.00+ 1650	.157	----	2	7 +	2	79.50B	14.75A
6910	----	55.00B	----	----	----	----	----	40.25+ 1700	.161	----	----	3	UNCH	81.50B	15.25A
6930	----	58.50B	----	----	----	----	----	43.25+ 1800	.172	----	----	1	UNCH	85.50B	16.25A
6940	----	60.50B	----	----	----	----	----	45.00+ 1875	.178	----	1	21 +	1	87.75B	16.75A
6960	----	64.50B	----	----	----	----	----	48.25+ 2000	.190	----	----	13	UNCH	92.00B	18.00A
7000	42.00	73.00B	----	40.50A	----	----	----	55.25+ 2225	.214	----	1	11	UNCH	105.00	20.50A
7010	----	75.25B	----	----	----	----	----	57.25+ 2300	.221	----	----	3	UNCH	103.25B	21.25A
7020	----	77.75B	----	----	----	----	----	59.00+ 2350	.227	----	----	6	UNCH	105.75B	21.75A
7030	----	80.25B	----	----	----	----	----	61.25+ 2450	.235	----	----	33	UNCH	108.00B	22.50A
7050	----	85.25B	----	----	----	----	----	65.50+ 2575	.249	----	----	1	UNCH	113.00B	24.00A
7060	----	87.75B	----	----	----	----	----	67.50+ 2625	.256	----	----	10	UNCH	115.50B	24.75A
7070	61.75	90.50B	----	58.00A	----	----	----	70.00+ 2725	.264	----	3	31	UNCH	118.25B	25.75A
7080	----	93.25B	----	----	----	----	----	72.25+ 2800	.271	----	----	1	UNCH	120.75B	26.50A
7090	----	96.00B	----	----	----	----	----	74.75+ 2875	.279	----	----	1	UNCH	123.50B	27.50A
7100	----	98.75B	----	----	----	----	----	77.25+ 2950	.287	----	----	17	UNCH	126.25B	28.25A
7110	----	101.75B	----	----	----	----	----	79.75+ 3025	.295	----	----	10	UNCH	129.25B	29.25A
7120	----	104.75B	----	----	----	----	----	82.25+ 3100	.303	----	----	1	UNCH	132.25B	30.25A
7130	----	108.00B	----	----	----	----	----	85.00+ 3200	.312	----	----	1	UNCH	135.00B	31.25A
7150	88.75	114.25B	----	84.50A	----	----	----	90.75+ 3375	.329	----	2	1 -	2	141.25B	33.25A
7190	101.75	126.75B	----	101.00A	----	----	----	102.75+ 3725	.365	----	3	6	UNCH	154.50B	37.75A
7200	105.00	130.25B	----	104.00A	----	----	----	106.00+ 3825	.375	----	3	4 +	3	157.75B	39.00A
7250	----	149.25B	----	----	----	----	----	123.25+ 4325	.424	----	----	5	UNCH	176.00B	45.25A
7270	----	157.50B	----	----	----	----	----	130.75+ 4525	.445	----	----	1	UNCH	183.75B	48.25A
7290	----	166.00B	----	----	----	----	----	138.75+ 4775	.467	----	----	3	UNCH	191.75B	51.25A
7300	126.50	170.50B	----	121.75A	----	----	----	142.75+ 4875	.478	----	3	5 +	3	196.00B	52.75A
7310	135.50	175.25B	----	131.25A	----	----	----	147.00+ 4975	.489	----	3	3 +	3	200.00B	54.50A
7340	----	189.50B	----	----	----	----	----	160.25+ 5350	.522	----	----	18	UNCH	209.75B	59.50A
7350	118.25	194.50B	----	116.50A	----	----	----	164.75+ 5450	.534	----	3	3 +	1	213.75B	61.25A
7370	----	204.75B	----	----	----	----	----	174.25+ 5700	.557	----	----	85	UNCH	223.00B	65.00A
7380	----	210.00B	----	----	----	----	----	179.25+ 5825	.569	----	----	3	UNCH	227.50B	67.00A
7390	----	215.50B	----	----	----	----	----	184.25+ 5950	.580	----	----	3	UNCH	232.25B	69.00A
7400	----	221.00B	----	----	----	----	----	189.50+ 6100	.592	----	----	3	UNCH	237.00B	71.00A
7420	----	232.25B	----	----	----	----	----	200.25+ 6350	.616	----	----	70	UNCH	247.00B	75.00A
7450	228.00	250.25B	----	214.75A	----	----	----	217.00+ 6750	.652	----	4	99	UNCH	262.50B	82.25A
7460	----	256.25B	----	----	----	----	----	223.00+ 6875	.664	----	----	68	UNCH	267.75B	84.50A
7470	----	262.75B	----	----	----	----	----	229.00+ 7025	.676	----	----	6	UNCH	273.25B	87.25A
7480	----	269.00B	----	----	----	----	----	235.25+ 7175	.688	----	----	11	UNCH	278.75B	89.75A
7500	----	282.50B	----	----	----	----	----	248.00+ 7450	.711	----	----	1	UNCH	290.50B	95.00A
7510	----	286.00B	----	----	----	----	----	254.50+ 7600	.723	----	----	6	UNCH	296.25B	98.00A
7530	----	300.25B	----	----	----	----	----	267.75+ 7875	.746	----	----	8	UNCH	308.25B	103.50A
7570	----	329.00B	----	----	----	----	----	296.25+ 8475	.790	----	----	6	UNCH	333.25B	116.25A
7670	----	#409.75B	----	----	----	----	----	375.50+ 9850	.885	----	----	2	UNCH	409.75B	154.75A
7680	----	#418.25B	----	----	----	----	----	384.00+ 9975	.893	----	----	5	UNCH	418.25B	158.50A
7700	----	#436.00B	----	----	----	----	----	401.50+ 10225	.907	----	----	2	UNCH	436.00B	168.25A
TOTAL											48	645 +	31		

E-MINI NASDAQ 100 WEEKLY-4 PUTS

ON4 PUT	STRIKE	OPEN	RANGE	HIGH	LOW	CLOSING	RANGE	SETT. PRICE & PT. CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST	--CONTRACT--	HIGH	LOW
MAY19	ON4 PUT														
6200	----	----	----	----	----	----	----	CAB	----	----	----	50	UNCH	6.25B	.40A
6390	----	----	----	----	----	----	----	.05 UNCH	----	----	----	2	UNCH	10.25B	.50A
6400	----	----	----	----	----	----	----	.05 UNCH	----	----	----	26	UNCH	10.75B	.50A
6410	----	----	----	----	----	----	----	.05 UNCH	----	----	----	10	UNCH	10.75B	.55A
6430	----	----	----	----	----	----	----	.05 UNCH	----	----	----	10	UNCH	11.50	.20
6490	----	----	----	----	----	----	----	.05- 10	----	----	----	5	UNCH	13.50B	.30A
6500	0.05	.05	----	*.05	----	----	----	.05- 10	----	----	15	1 -	15	13.75B	.05
6550	----	----	----	----	----	----	----	.10- 5	.000	----	----	42	UNCH	15.75B	.30A
6560	----	----	----	----	----	----	----	.10- 5	.000	----	----	5	UNCH	16.25B	.30A
6570	----	----	----	----	----	----	----	.10- 5	.000	----	----	1	UNCH	16.75B	.30A
6580	----	----	----</												



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

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FINAL

PG40	BULLETIN # 99@	NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS										Thu, May 23, 2019	PG40
7090	2.00	5.00B	1.40A	----	1.35+	70	.003	----	1	20	UNCH	69.50B	.70A
7100	4.50	5.75B	1.75A	----	1.55+	85	.004	----	75	228 +	3	72.00B	.75
7110	----	6.50B	----	----	1.80+	100	.006	----	71	UNCH	74.50B	.80A	
7120	5.25	7.50B	1.80	----	2.05+	120	.007	----	7	124 +	4	77.25B	.85A
7130	6.00	8.75B	2.60A	----	2.40+	145	.010	----	5	156	UNCH	80.00B	.90A
7140	----	10.00B	----	----	2.80+	175	.013	----	10	UNCH	82.75B	1.00A	
7150	5.75	11.25B	2.90A	----	3.30+	215	.017	----	107	208 +	14	85.50B	1.05A
7160	----	13.00B	----	----	3.90+	260	.023	----	16	UNCH	88.50B	1.15A	
7170	5.75	14.75B	3.95A	----	4.60+	315	.030	----	6	48 +	3	91.50B	1.25A
7180	14.50	16.75B	5.50	----	5.50+	385	.039	----	7	14 +	4	94.50B	1.35A
7190	11.50	19.00B	5.50A	----	6.50+	460	.051	----	5	6 +	2	97.75B	1.45A
7200	10.50	21.25B	6.25A	----	7.50+	535	.064	----	261	294 +	112	101.00B	1.60A
7210	9.25	24.00	7.25A	----	9.00+	650	.082	----	31	44 -	25	104.25B	1.80A
7220	10.00	27.00B	8.50A	----	10.50+	760	.103	----	17	80 +	14	107.75B	2.05A
7230	11.50	30.00B	10.00A	----	12.25+	885	.128	----	16	84 +	6	111.25B	2.25A
7240	13.00	33.50B	11.25	----	14.25+	1030	.158	----	32	62 -	23	115.00B	2.65A
7250	11.00	38.00	11.00	----	16.50+	1190	.192	----	82	182 +	14	118.75B	3.05A
7260	11.00	40.25B	11.00	----	19.00+	1350	.230	----	40	44 +	4	122.50B	3.55A
7270	13.00	44.25B	13.00	----	22.00+	1575	.275	----	49	52 +	25	126.50B	4.15A
7280	15.00	49.00B	12.25	----	25.25+	1775	.324	----	16	150	UNCH	130.50B	4.90A
7290	22.50	54.00B	22.50	----	28.75+	2025	.376	----	4	7	UNCH	134.50B	5.75A
7300	17.50	58.25B	17.50	----	32.75+	2275	.433	----	238	319 -	71	138.75B	6.75A
7310	37.00	64.00B	29.75A	----	37.25+	2575	.492	----	103	55 +	19	143.25B	7.75A
7320	18.00	69.50B	18.00	----	42.00+	2875	.552	----	42	169 +	5	147.50B	9.00A
7330	44.00	76.00B	39.00A	----	47.25+	3200	.612	----	19	82 -	2	152.25B	10.25A
7340	48.25	82.75B	42.25A	----	53.00+	3575	.670	----	2	54	UNCH	156.75B	11.75A
7350	26.50	90.00B	26.50	----	59.00+	3950	.726	----	148	177 -	44	161.75B	13.25A
7360	----	97.50B	----	----	65.75+	4375	.776	----	3	23	UNCH	166.50B	14.00A
7370	34.00	105.50B	34.00	----	72.75+	4800	.822	----	2	74	UNCH	171.75B	14.25A
7380	35.00	113.75B	35.00	----	80.25+	5250	.861	----	49	95 -	15	176.75B	14.75A
7390	----	122.25B	----	----	88.00+	5700	.895	----	53	UNCH	182.00B	15.50A	
7400	45.00	131.00B	45.00	----	96.25+	6175	.922	----	56	166 +	10	187.50B	15.75A
7410	39.25	138.50B	39.25	----	104.75+	6625	.943	----	6	8 +	3	193.00B	16.50A
7420	41.00	148.00B	41.00	----	113.50+	7100	.959	----	35	116 -	14	198.75B	17.00A
7430	57.50	157.25B	57.50	----	122.50+	7550	.971	----	4	47 -	3	204.50B	17.75A
7440	61.25	167.00B	61.25	----	131.75+	8000	.980	----	4	53 -	3	210.25B	18.25A
7450	82.00	176.00B	80.50A	----	141.25+	8450	.986	----	10	102 -	4	216.50B	19.00A
7460	126.00	186.25B	126.00	----	150.75+	8850	.990	----	1	40 -	1	222.50B	19.75A
7470	----	195.75B	----	----	160.50+	9250	.993	----	60	UNCH	228.75B	20.50A	
7480	----	205.25B	----	----	170.25+	9625	.995	----	53	UNCH	235.25B	21.25A	
7490	----	215.25B	----	----	180.00+	9950	.997	----	12	UNCH	241.75B	22.00A	
7500	182.50	225.25B	166.75A	----	189.75+	10250	.997	----	4	249 -	3	248.50B	22.75A
7510	----	235.25B	----	----	199.50+	10500	.998	----	44	UNCH	255.25B	23.50A	
7520	----	245.25B	----	----	209.50+	10750	.998	----	119	UNCH	262.25B	24.50A	
7530	----	254.75B	----	----	219.50+	10975	.999	----	2	59	UNCH	269.25B	25.25A
7540	----	265.00B	----	----	229.25+	11125	.999	----	33	UNCH	276.50B	26.25A	
7550	----	274.75B	----	----	239.25+	11275	.999	----	1	53 -	1	284.00B	27.25A
7560	223.25	285.00B	215.75A	----	249.25+	11425	.999	----	2	21 -	1	291.25B	28.50A
7570	----	294.75B	----	----	259.25+	11525	.999	----	74	UNCH	299.00B	29.75A	
7580	244.00	305.00B	235.25A	----	269.25+	11600	.999	----	1	UNCH	306.50B	30.75A	
7590	263.75	#314.75B	244.25A	----	279.00+	11650	.999	----	1	42	UNCH	314.75B	32.00A
7600	176.75	#322.50B	176.75	----	289.00+	11700	.999	----	35	88 +	3	322.50B	33.25A
7610	----	327.00B	----	----	299.00+	11750	.999	----	15	UNCH	330.50B	34.50A	
7620	----	324.75B	----	----	309.00+	11775	.999	----	27	UNCH	338.50B	36.25A	
7630	----	331.75B	----	----	319.00+	11800	.999	----	5	UNCH	346.75B	37.75A	
7640	----	341.75B	----	----	329.00+	11825	.999	----	88	UNCH	355.25B	39.25A	
7650	----	336.00B	----	----	339.00+	11850	1.000	----	23	UNCH	363.75B	41.00A	
7660	----	346.00B	----	----	349.00+	11850	1.000	----	40	UNCH	372.25B	42.75A	
7670	----	356.00B	----	----	359.00+	11850	1.000	----	151	UNCH	381.00B	44.50A	
7680	----	363.50B	----	----	369.00+	11875	1.000	----	11	UNCH	389.75B	46.25A	
7690	----	364.25B	----	----	379.00+	11875	1.000	----	52	UNCH	398.50B	48.00A	
7700	----	374.25B	----	----	389.00+	11875	1.000	----	9	UNCH	407.50B	50.00A	
7710	----	383.75B	----	----	399.00+	11875	1.000	----	5	UNCH	416.50B	52.00A	
7720	----	393.75B	----	----	409.00+	11875	1.000	----	6	UNCH	425.50B	54.25A	
7730	342.00	403.75B	340.00A	----	419.00+	11900	1.000	----	1	36 +	1	434.75B	56.50A
7740	----	429.00+	----	----	429.00+	11900	1.000	----	24	UNCH	444.00B	59.50A	
7750	384.00	384.00	384.00	----	439.00+	11900	1.000	----	2	131	UNCH	453.25B	62.00A
7770	----	459.00+	----	----	459.00+	11900	1.000	----	4	UNCH	472.00B	67.25A	
7780	----	469.00+	----	----	469.00+	11900	1.000	----	35	UNCH	481.50B	70.00A	
7800	----	489.00+	----	----	489.00+	11900	1.000	----	2	3 -	1	500.50B	76.75A
7810	----	499.00+	----	----	499.00+	11900	1.000	----	15	UNCH	510.25B	80.25A	
7820	----	509.00+	----	----	509.00+	11900	1.000	----	29	UNCH	519.75B	83.25A	
7830	----	519.00+	----	----	519.00+	11900	1.000	----	27	UNCH	529.50B	86.75A	
7840	----	529.00+	----	----	529.00+	11900	1.000	----	15	UNCH	539.25B	90.75A	
7850	----	539.00+	----	----	539.00+	11900	1.000	----	13	UNCH	549.00B	95.25A	
7860	----	549.00+	----	----	549.00+	11900	1.000	----	1	UNCH	558.75B	99.00A	
7880	----	569.00+	----	----	569.00+	11900	1.000	----	8	UNCH	578.25B	107.75A	
7920	----	609.00+	----	----	609.00+	11900	1.000	----	68	UNCH	617.75B	127.75A	
7950	----	639.00+	----	----	639.00+	11900	1.000	----	3	UNCH	647.50B	144.25A	
8600	----	----	----	----	1,289.00+	11925	1.000	----	1575	6763 +	29	1,156.50E	727.00A
TOTAL													
JUN19													
3900	----	----	----	----	.05	UNCH	.000	----	----	1	UNCH	7.50	.30A
4000	----	----	----	----	.10	UNCH	.000	----	----	1	UNCH	7.00B	1.45A
4030	----	----	----	----	.10	UNCH	.000	----	9	UNCH	39.25B	.35	
4180	----	----	----	----	.10	UNCH	.000	----	1	UNCH	57.50B	1.55A	
4200	----	----	----	----	.10	UNCH	.000	----	98	UNCH	59.25B	1.30	
4330	----	----	----	----	.15	UNCH	.000	----	1	UNCH	71.75B	1.60A	
4400	----	----	----	----	.15	UNCH	.000	----	2	UNCH	79.25B	.40A	
4500	----	----	----	----	.20	UNCH	.000	----	1	UNCH	91.00B	.50	
4800	----	----	----	----	.35+	5	.000	----	26	UNCH	133.75B	.45A	
4830	----	----	----	----	.35	UNCH	.001	----	1	UNCH	138.75B	.45A	
4900	----	----	----	----	.40+	5	.001	----	13	UNCH	151.25B	.45	
4910	----	----	----	----	.40+	5	.001	----	7	UNCH	153.00B	.45A	
4970	----	----	----	----	.45+	5	.001	----	62	UNCH	164.50B	.50A	
5000	----	----	----	----	.45	UNCH	.001	----	127	UNCH	170.25B	.50A	
5030	----	.50B	----	----	.50+	5	.001	----	27	UNCH	176.50B	.50A	
5100	----	.55B	----	----	.55+	5	.001	----	1	UNCH	199.75B	.55A	
5120	----	.60B	----	----	.60+	10	.001	----	7	UNCH	204.50B	.55A	
5140	----	.60B	----	----	.60+	10	.001	----	7	UNCH	215.00	.60A	
5150	----	.60B	----	----	.60+	5	.001	----	1	UNCH	211.50B	.60A	
5200	----	.70B	----	----	.65+	10	.002	----	9	UNCH	223.75B	.60A	
5220	----	.70B	----	----	.70+	10	.002	----	1	UNCH	228.75B	.65A	
5250	----	.75B	----	----	.70+	10	.002	----	6	UNCH	236.50B	.65A	



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PG40	BULLETIN # 99@	NASDAQ 100 AND E-MINI	NASDAQ 100 OPTIONS	Thu, May 23, 2019	PG40								
5780	----	2.30B	----	1.75+	40	.006	----	----	1	UNCH	415.75B	1.50A	
5790	----	2.35B	----	1.75+	40	.006	----	----	3	UNCH	420.00B	1.55A	
5800	----	2.40B	----	1.80+	40	.006	----	----	293	UNCH	425.00	1.55A	
5830	----	2.55B	----	1.90+	45	.007	----	----	1	UNCH	437.00B	1.65A	
5840	----	2.65B	----	1.95+	45	.007	----	----	15	UNCH	441.25B	1.65A	
5850	----	2.70B	----	2.00+	50	.007	----	----	17	UNCH	445.75B	1.70A	
5860	----	2.75B	----	2.05+	50	.007	----	----	11	UNCH	450.25B	1.70A	
5870	----	2.85B	----	2.10+	50	.007	----	----	1	UNCH	454.50B	1.70A	
5880	----	2.90B	----	2.15+	55	.008	----	----	1	UNCH	459.00B	1.75A	
5900	----	3.05B	----	2.25+	60	.008	----	----	110	UNCH	468.00B	1.80A	
5910	----	3.15B	----	2.30+	60	.008	----	----	43	UNCH	472.75B	1.80A	
5920	----	3.35B	----	2.35+	60	.008	----	----	42	UNCH	477.25B	1.85A	
5930	----	3.40B	----	2.40+	65	.009	----	----	71	UNCH	482.00B	1.85A	
5940	----	3.50B	----	2.45+	65	.009	----	----	1	UNCH	486.50B	1.90A	
5950	----	3.60B	----	2.50+	65	.009	----	----	88	UNCH	491.25B	1.90A	
5960	----	3.70B	----	2.55+	70	.009	----	----	16	UNCH	496.00B	1.95A	
5970	----	3.80B	----	2.65+	75	.010	----	----	1	UNCH	500.75B	1.95A	
5980	----	3.90B	----	2.70+	75	.010	----	----	5	UNCH	505.75B	2.00A	
5990	----	4.00B	----	2.75+	75	.010	----	----	10	UNCH	510.50B	2.05A	
6000	----	4.10B	----	2.85+	80	.011	----	----	772	UNCH	515.50B	2.05A	
6010	----	4.25B	----	2.90+	85	.011	----	----	8	UNCH	520.25B	2.10A	
6020	----	4.35B	----	3.00+	90	.011	----	----	14	UNCH	525.25B	2.15A	
6040	----	4.60B	----	3.15+	95	.012	----	----	10	UNCH	535.25B	2.20A	
6050	----	4.75B	----	3.20+	95	.012	----	----	7	UNCH	540.50B	2.25A	
6070	----	5.00B	----	3.40+	105	.013	----	----	17	UNCH	550.75B	2.30A	
6090	----	5.25B	----	3.60+	115	.014	----	----	10	UNCH	561.00B	2.40A	
6100	----	5.50B	----	3.70+	120	.014	----	----	125	UNCH	566.25B	2.45A	
6110	----	5.50B	----	3.80+	120	.015	----	----	4	UNCH	571.50B	2.50A	
6120	----	5.75B	----	3.90+	125	.015	----	----	13	UNCH	577.00B	2.55A	
6150	----	6.25B	----	4.25+	140	.016	----	----	22	UNCH	593.00B	2.60	
6160	----	6.50B	----	4.40+	150	.017	----	----	7	UNCH	598.50B	2.65A	
6190	----	7.25B	----	4.80+	170	.019	----	----	2	UNCH	615.00B	2.85A	
6200	----	7.50B	----	4.95+	175	.019	----	1	170 +	1	UNCH	620.75B	2.90A
6210	----	7.75B	----	5.00+	170	.020	----	----	9	UNCH	626.25B	3.00A	
6220	----	8.00B	----	5.25+	190	.020	----	----	8	UNCH	632.00B	3.05A	
6230	----	8.25B	----	5.50+	205	.021	----	----	20	UNCH	637.75B	3.10A	
6240	----	8.50B	----	5.50+	195	.022	----	----	5	UNCH	643.50B	3.20A	
6250	----	8.75B	----	5.75+	210	.023	----	----	138	UNCH	649.25B	3.25A	
6260	----	9.00B	----	6.00+	225	.023	----	----	14	UNCH	655.00B	3.35A	
6270	----	9.25B	----	6.25+	240	.024	----	----	9	UNCH	661.00B	3.45A	
6280	----	9.75B	----	6.50+	255	.025	----	----	6	UNCH	666.75B	3.50A	
6290	----	10.00B	----	6.50+	245	.026	----	----	17	UNCH	672.75B	3.60A	
6300	----	10.25B	----	6.75+	255	.027	----	----	372	UNCH	678.75B	3.70A	
6320	----	11.00B	----	7.25+	280	.028	----	----	12	UNCH	690.75B	3.90A	
6330	----	11.50B	----	7.50+	295	.029	----	----	15	UNCH	697.00B	4.00A	
6340	----	11.75B	----	7.75+	305	.030	----	2	6 -	2	UNCH	703.00B	4.10A
6350	----	12.25B	----	8.00+	315	.031	----	----	67	UNCH	709.25B	4.25A	
6360	----	12.50B	----	8.25+	325	.032	----	----	14	UNCH	715.50B	4.35A	
6370	----	13.00B	----	8.75+	350	.034	----	----	2	UNCH	721.75B	4.45A	
6380	----	13.50B	----	9.00+	375	.035	----	----	13	UNCH	728.00B	4.60A	
6390	----	14.00B	----	9.25+	375	.036	----	----	1	UNCH	734.25B	4.75A	
6400	----	14.25B	----	9.50+	375	.037	----	33	154 +	33	UNCH	740.50B	4.90A
6410	----	14.75B	----	10.00+	425	.039	----	----	2	UNCH	747.00B	5.25A	
6420	----	15.25B	----	10.25+	425	.040	----	----	4	UNCH	753.25B	5.25A	
6430	----	15.75B	----	10.50+	425	.041	----	----	20	UNCH	759.75B	5.50A	
6440	----	16.50B	----	11.00+	450	.043	----	----	7	UNCH	766.25B	5.50A	
6450	11.75	17.00B	11.00A	11.25+	475	.044	----	1	48 +	1	UNCH	772.75B	5.75A
6460	----	17.50B	----	11.75+	500	.046	----	----	4	UNCH	779.50B	6.00A	
6470	----	18.00B	----	12.25+	525	.048	----	----	14	UNCH	786.00B	6.25A	
6480	----	18.75B	----	12.50+	525	.049	----	----	79	UNCH	792.75B	6.25A	
6490	----	19.25B	----	13.00+	550	.051	----	----	17	UNCH	799.25B	6.50A	
6500	15.00	20.00	12.75A	13.50+	575	.052	----	7	495	UNCH	806.00B	6.75A	
6510	18.50	20.50B	14.25A	14.00+	600	.054	----	11	30 +	11	UNCH	812.75B	7.00A
6520	----	21.25B	----	14.50+	625	.056	----	----	21	UNCH	819.50B	7.00A	
6530	----	22.00B	----	15.00+	625	.058	----	----	12	UNCH	826.50B	7.25A	
6540	14.00	22.75B	14.00	15.50+	650	.060	----	1	3	UNCH	833.25B	7.50A	
6550	----	23.50B	----	16.00+	675	.062	----	3	119 -	3	UNCH	840.25B	7.50A
6560	----	24.25B	----	16.75+	725	.064	----	----	47	UNCH	847.00B	7.75A	
6570	----	25.00B	----	17.25+	725	.066	----	----	8	UNCH	854.00B	8.00A	
6580	18.75	25.75B	18.00A	17.75+	750	.068	----	1	11 +	1	UNCH	861.00B	8.25A
6590	----	26.75B	----	18.50+	775	.071	----	----	7	UNCH	868.00B	8.50A	
6600	13.25	27.50B	13.25	19.25+	825	.073	----	8	325 +	2	UNCH	875.25B	8.75A
6610	----	28.50B	----	19.75+	825	.075	----	----	89	UNCH	882.75B	9.00A	
6620	----	29.25B	----	20.50+	850	.078	----	----	33	UNCH	890.00B	9.25A	
6630	----	30.25B	----	21.25+	900	.080	----	----	16	UNCH	897.25B	9.50A	
6640	----	31.25B	----	22.00+	925	.083	----	----	11	UNCH	904.25B	9.75A	
6650	----	32.25B	----	22.75+	950	.086	----	2	45 +	1	UNCH	911.50B	10.00A
6660	----	33.25B	----	23.50+	975	.088	----	----	53	UNCH	918.75B	10.25A	
6670	----	34.25B	----	24.50+	1025	.092	----	----	2	UNCH	926.00B	10.50A	
6680	----	35.25B	----	25.25+	1050	.094	----	----	19	UNCH	933.50B	10.75A	
6690	----	36.25B	----	26.00+	1075	.097	----	----	13	UNCH	940.75B	11.00A	
6700	21.00	37.50B	20.50A	27.00+	1100	.101	----	7	32 -	1	UNCH	948.25B	11.00A
6710	----	38.50B	----	28.00+	1150	.104	----	----	13	UNCH	955.75B	11.25A	
6720	32.75	39.75B	27.25A	29.00+	1200	.107	----	11	18 +	3	UNCH	963.25B	11.50A
6730	----	41.00B	----	30.00+	1225	.111	----	----	29	UNCH	970.50B	11.75A	
6740	----	42.25B	----	31.00+	1250	.114	----	----	18	UNCH	978.00B	12.00A	
6750	25.00	43.75B	25.00	32.00+	1300	.117	----	10	63 +	3	UNCH	985.75B	12.00A
6760	34.50	45.00B	31.00A	33.00+	1325	.121	----	10	15 +	10	UNCH	993.25B	12.50A
6770	42.75	46.50B	33.75A	34.25+	1375	.125	----	1	18	UNCH	1.001.00B	12.75A	
6780	----	47.75B	----	35.25+	1400	.128	----	----	10	UNCH	1.008.75B	13.00A	
6790	----	49.25B	----	36.50+	1450	.132	----	2	7 +	7	UNCH	1.016.50B	13.25A
6800	30.00	50.75B	30.00	37.75+	1500	.137	----	105	329 +	78	UNCH	1.024.25B	13.50A
6810	----	52.25B	----	39.00+	1525	.141	----	----	19	UNCH	1.032.00B	13.75A	
6820	----	53.75B	----	40.25+	1575	.145	----	----	54	UNCH	1.039.75B	14.00A	
6830	----	55.50B	----	41.50+	1600	.149	----	1	12	UNCH	1.047.75B	14.50A	
6840	53.00	57.00B	42.25A	43.00+	1675	.154	----	4	7 +	4	UNCH	1.055.50B	14.75A
6850	36.75	58.75B	36.75	44.25+	1700	.158	----	38	993	UNCH	1.063.25B	15.00A	
6860	----	60.50B	----	45.75+	1750	.162	----	----	18	UNCH	1.071.25B	15.25A	
6870	50.50	62.25B	44.25A	47.25+	1800	.167	----	2	14 +	1	UNCH	1.079.25B	15.75A
6880	46.00	64.00B	45.75A	48.75+	1850	.172	----	11	48 +	10	UNCH	1.087.25B	16.00A
6890	40.75	65.75B	40.75	50.25+	1900	.177	----	1	45	UNCH	1.095.25B	16.25A	
6900	39.00	67.75B	39.00	52.00+	1950	.182	----	26	160 +	10	UNCH	1.103.00B	16.75A
6910	49.75	69.75B	49.75	53.50+	2000	.187	----	19	29 +	19	UNCH	1.111.50B	17.00A
6920	53.00	71.75B	51.50A	55.25+	2050	.192	----	4	94 +	2	UNCH	1.119.75B	17.25A
6930	56.50	73.75B	51.00A	57.00+	2100	.198	----	2	32 +	1	UNCH	1.128.00B	17.75A
6940	----	75.75B	----	58.75+	2150	.203	----	----	29	UNCH	1.136.00B	18.00A	
6950	67.00	78.00B	59.50A										



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



FINAL

Table with columns: PG40, BULLETIN # 99@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. Contains multiple columns of numerical data representing market prices and volumes.



2019 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

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FINAL

PG40	BULLETIN # 99@	NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS							Thu, May 23, 2019			PG40	
6900	190.00	204.00B	180.00A	----	186.00+	3500	.291	----	22	80 +	17	1.136.00E	81.00
6910	----	206.75B	----	----	188.50+	3525	.295	----	2	UNCH	2	1.143.50E	82.75A
6920	----	209.50B	----	----	191.25+	3600	.298	----	----	----	----	1.151.25E	83.75A
6930	----	212.25B	----	----	193.75+	3625	.302	----	----	83	UNCH	1.158.75E	85.00A
6940	----	215.00B	----	----	196.50+	3650	.306	----	----	1	UNCH	1.166.50E	86.00A
6950	----	218.00B	----	----	199.00+	3675	.309	----	----	6	UNCH	1.174.00E	87.25A
6960	----	223.75B	----	----	204.50+	3750	.317	----	----	3	UNCH	1.189.50E	89.50A
6970	----	226.50B	----	----	207.25+	3800	.320	----	----	1	UNCH	1.197.25E	90.50A
6980	212.00	229.50B	203.50A	----	210.00+	3825	.324	----	7	9 +	7	1.205.25E	91.75A
6990	188.50	232.50B	187.75A	----	213.00+	3875	.328	----	141	239 +	114	1.213.00E	93.00A
7000	----	241.75B	----	----	223.50+	3975	.340	----	----	1	UNCH	1.236.50E	96.75A
7030	221.00	248.00B	214.75A	----	227.50+	4050	.348	----	7	15 +	7	1.252.50E	99.50A
7050	----	254.50B	----	----	233.50+	4125	.356	----	----	1	UNCH	1.268.50E	102.00A
7070	----	261.00B	----	----	239.75+	4200	.364	----	----	5	UNCH	1.284.50E	104.75A
7090	235.25	264.25B	225.75	----	243.00+	4250	.368	----	2	71	UNCH	1.292.75E	106.25A
7100	----	280.75B	----	----	259.25+	4450	.389	----	----	2	UNCH	1.333.50E	113.50A
7150	262.00	300.75B	261.75A	----	276.50+	4650	.411	----	10	73 -	3	1.375.00E	121.25A
7200	----	326.00B	----	----	302.25+	4975	.443	----	----	4	UNCH	1.434.00E	133.00A
7270	----	330.25B	----	----	306.00+	5025	.448	----	17	19 +	17	1.442.50E	134.75A
7300	307.00	338.50B	298.00A	----	314.00+	5125	.458	----	6	33 -	3	1.459.50E	138.50A
7320	320.00	346.75B	320.00	----	322.00+	5225	.467	----	1	6 +	1	1.476.75E	142.25A
7330	338.75	377.75B	334.00A	----	351.25+	5575	.502	----	2	69 +	2	1.537.75E	156.00A
7400	348.00	382.25B	345.75A	----	355.75+	5650	.507	----	118	133 +	85	1.546.50E	158.00A
7440	320.50	401.25B	320.50	----	373.75+	5875	.527	----	1	28	UNCH	1.582.00E	166.75A
7500	----	431.00B	----	----	402.25+	6200	.559	----	11	27 +	3	1.635.50E	180.50A
7530	----	446.50B	----	----	417.25+	6400	.575	----	----	244	UNCH	1.662.75E	187.75A
7570	----	473.75B	----	----	443.50+	6725	.601	----	----	17	UNCH	1.708.25E	201.00A
7600	----	485.00B	----	----	454.25+	6850	.612	----	----	40	UNCH	1.726.50E	206.25A
7690	----	538.25B	----	----	505.75+	7475	.661	----	----	24	UNCH	1.810.00E	232.50A
7700	----	544.50B	----	----	512.00+	7575	.666	----	----	15	UNCH	1.819.25E	235.50A
7730	----	563.25B	----	----	530.50+	7800	.683	----	----	239	UNCH	1.847.25E	245.25A
7750	----	569.75B	----	----	543.00+	7925	.693	----	----	40	UNCH	1.866.25E	252.25A
7800	595.00	603.00B	575.75A	----	575.75+	8300	.720	----	1	4 -	1	1.913.50E	269.25A
7900	----	673.75B	----	----	645.75+	9025	.770	----	----	26	UNCH	2.009.00E	307.50A
8000	----	750.00B	----	----	721.50+	9675	.817	----	----	2	UNCH	2.106.00E	351.50A
8200	----	917.75B	----	----	888.50+	10650	.894	----	----	1	UNCH	2.302.75E	460.25A
TOTAL									387	3223 +	234		
DEF19													
3300	----	----	----	----	2.05+	20	.002	----	----	16	UNCH	9.00	4.30A
4000	----	----	----	----	6.25+	100	.008	----	----	34	UNCH	18.00	4.60A
4090	----	----	----	----	7.00+	100	.009	----	----	1	UNCH	89.25B	6.00A
4100	----	----	----	----	7.25+	125	.009	----	----	17	UNCH	90.50B	5.75A
4200	----	----	----	----	8.25+	125	.011	----	----	1	UNCH	101.75B	6.50A
4300	----	----	----	----	9.50+	150	.012	----	----	5	UNCH	114.00B	7.25A
4400	----	9.50B	----	----	11.00+	200	.015	----	----	56	UNCH	127.50B	8.00A
4500	----	11.25B	----	----	12.50+	200	.017	----	----	29	UNCH	142.00B	9.00A
4600	----	13.50B	----	----	14.25+	225	.019	----	----	22	UNCH	157.75B	10.00A
4700	----	15.75B	----	----	16.50+	300	.022	----	----	29	UNCH	174.75B	11.50A
4800	18.75	18.75	18.75	----	19.00+	350	.026	----	1	17 +	1	193.25B	13.00A
4900	----	22.00B	----	----	21.75+	400	.029	----	----	12	UNCH	213.00B	14.75A
5000	----	25.75B	----	----	24.75+	450	.034	----	----	25	UNCH	234.50B	16.50
5100	----	30.00B	----	----	28.50+	525	.039	----	----	9	UNCH	257.25B	18.50A
5200	----	34.75B	----	----	32.75+	600	.044	----	----	10	UNCH	282.00B	21.00A
5300	----	40.25B	----	----	37.50+	675	.051	----	----	4	UNCH	308.25B	23.50A
5400	----	46.50B	----	----	43.00+	775	.058	----	----	8	UNCH	336.25B	26.50A
5500	----	53.50B	----	----	49.25+	875	.066	----	----	93	UNCH	366.25B	29.50A
5600	61.50	61.50	57.50A	----	56.50+	1000	.075	----	2	6 +	2	398.00B	33.25A
5700	----	70.00B	----	----	64.75+	1150	.085	----	----	8	UNCH	432.00B	37.25A
5800	80.00	80.00	74.25A	----	73.75+	1275	.096	----	2	144 +	2	468.25B	41.75A
5900	----	90.50B	----	----	84.00+	1425	.109	----	----	64	UNCH	506.75B	46.50A
6000	90.00	102.50B	90.00	----	95.25+	1575	.123	----	1	82	UNCH	547.25B	52.00A
6100	----	115.50B	----	----	107.75+	1750	.137	----	----	790	UNCH	590.50B	58.00A
6200	----	130.50B	----	----	121.50+	1925	.154	----	----	4	UNCH	636.00B	64.75A
6210	----	132.00B	----	----	123.00+	1950	.155	----	----	10	UNCH	640.75B	65.50A
6280	143.50	143.50	133.50A	----	133.75+	NEW	.168	----	1	1 +	1	674.25B	71.00A
6290	----	145.25B	----	----	135.25+	2100	.170	----	----	2	UNCH	679.25B	71.75A
6300	----	147.00B	----	----	137.00+	2125	.172	----	----	11	UNCH	684.25B	72.50A
6400	----	165.00B	----	----	154.00+	2350	.191	----	----	13	UNCH	734.75B	81.00A
6500	----	184.75B	----	----	173.00+	2600	.212	----	----	3	UNCH	716.00B	90.25A
6550	----	195.25B	----	----	183.25+	2750	.223	----	----	7	UNCH	742.00B	95.50A
6600	----	206.50B	----	----	193.75+	2875	.235	----	----	7	UNCH	769.25B	100.75A
6620	----	211.00B	----	----	198.25+	2925	.240	----	----	12	UNCH	780.25B	103.00A
6680	----	225.00B	----	----	211.75+	3075	.254	----	----	100	UNCH	890.75B	109.75A
6700	----	230.00B	----	----	216.50+	3150	.260	----	----	109	UNCH	902.50B	112.25A
6710	----	232.50B	----	----	218.75+	3175	.262	----	----	1	UNCH	908.50B	113.50A
6780	----	250.50B	----	----	236.00+	3375	.280	----	----	54	UNCH	951.25B	122.50A
6800	----	256.00B	----	----	241.25+	3450	.286	----	----	6	UNCH	963.75B	125.25A
6850	----	269.75B	----	----	254.50+	3625	.300	----	----	1	UNCH	995.50B	132.00A
6900	----	284.00B	----	----	268.50+	3800	.314	----	----	15	UNCH	1.027.75E	139.50A
6920	----	290.00B	----	----	274.25+	3875	.320	----	----	15	UNCH	1.040.75E	142.50A
6990	----	311.50B	----	----	295.00+	4100	.341	----	----	40	UNCH	1.087.50E	153.50A
7000	----	314.75B	----	----	298.00+	4125	.344	----	----	159	UNCH	1.094.25E	155.25A
7040	----	327.75B	----	----	310.50+	4225	.357	----	----	12	UNCH	1.038.00E	162.00A
7050	----	331.00B	----	----	313.75+	4275	.360	----	----	27	UNCH	1.044.75E	163.75A
7060	----	334.50B	----	----	317.00+	4300	.363	----	----	751	UNCH	1.048.00E	165.50A
7100	----	348.25B	----	----	330.00+	4400	.376	----	----	8	UNCH	1.079.25E	172.50A
7200	----	384.00B	----	----	364.75+	4750	.410	----	----	71	UNCH	966.00B	191.25A
7300	----	423.75B	----	----	402.75+	5150	.446	----	----	23	UNCH	1.031.75E	213.00A
7400	----	466.50B	----	----	444.00+	5550	.484	----	----	6	UNCH	1.100.50E	236.75A
7500	----	513.00B	----	----	489.00+	6025	.523	----	----	258	UNCH	1.172.00E	262.75A
7600	----	563.00B	----	----	537.75+	6475	.563	----	----	9	UNCH	1.246.00E	291.50A
7700	----	617.50B	----	----	590.75+	6975	.604	----	----	7	UNCH	1.323.00E	322.25A
7800	----	676.00B	----	----	648.25+	7475	.645	----	----	10	UNCH	1.402.50E	358.00A
7950	----	763.50B	----	----	742.75+	8250	.706	----	----	5	UNCH	1.526.75E	417.00A
8000	----	797.75B	----	----	776.50+	8500	.726	----	----	7	UNCH	1.569.25E	437.50A
TOTAL									7	3246 +	6		
MAR20													
5100	----	49.75B	----	----	49.00+	800	.055	----	----	1	UNCH	52.75B	34.75A
5200	----	56.25B	----	----	55.25+	900	.062	----	----	20	UNCH	59.50B	38.50A
5400	----	72.00B	----	----	69.75+	1050	.077	----	----	2	UNCH	75.50B	43.00
5700	----	102.25B	----	----	98.00+	1375	.107	----	----	1	UNCH	106.00B	62.75A
6300	----</												



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Table with columns: PG40, BULLETIN # 99@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. Contains multiple rows of market data including prices, volumes, and option details.

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Table with columns: PG40, BULLETIN # 99@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. Rows include contract specifications and prices for various months and strikes.

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PG40 BULLETIN # 99@

NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS

Thu, May 23, 2019 PG40

Main table of options data for May 23, 2019, listing various contracts with columns for bid/ask, volume, and price.

Summary table for SEP19 and DEC19, providing totals for various option contracts.

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Table with columns: PG40, BULLETIN # 99@, NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS, Thu, May 23, 2019, PG40. Contains market summary data for various indices and options.

ADDITIONAL NASDAQ PUTS

Main table listing individual options 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-sections for 201907C and 201905C.



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PG40 BULLETIN # 99@ NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS Thu, May 23, 2019 PG40

Table with columns: MINI NSDQ EOM P, Bid, Ask, Spread, Volume, Open Interest, Last Price, etc. Includes rows for various stock options and a summary row for 201906C.

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PG40 BULLETIN # 99@ NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS Thu, May 23, 2019 PG40

Table with columns: MINI NSDQ EOM P, Bid, Ask, Last, Change, Volume, Open Interest, Call/Put, Strike, Expiry, etc. Rows include options for various dates from 5980 to 7950.

Table with columns: TOTAL, 201907C, MINI NSDQ EOM P, Bid, Ask, Last, Change, Volume, Open Interest, Call/Put, Strike, Expiry, etc. Rows include options for dates from 5500 to 7300.

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PG40 BULLETIN # 99@		NASDAQ 100 AND E-MINI NASDAQ 100 OPTIONS										Thu, May 23, 2019		PG40
MINI NSDQ EOM P		271.50B	----	----	245.25	NEW	.465	----	1	1 +	1	276.50B	87.00A	
7310	----	280.25B	----	----	253.25+	54.25	.477	----	3	3	UNCH	284.50B	90.00A	
7380	260.00	302.50B	257.50A	----	274.75	NEW	.509	----	3	3 +	3	305.75B	98.00A	
7400	----	312.00B	----	----	283.50+	58.75	.522	----	27	27	UNCH	314.75B	101.25A	
7500	----	362.50B	----	----	332.00+	66.00	.589	----	1	1	UNCH	362.75B	120.00A	
7540	----	#384.75B	----	----	353.25+	69.00	.617	----	5	5	UNCH	384.75B	128.50A	
7600	----	#420.00B	----	----	387.50+	74.50	.659	----	3	3	UNCH	420.00B	142.50A	
7670	----	#459.50B	----	----	430.75+	80.75	.707	----	5	5	UNCH	459.50B	160.50A	
7680	----	#466.00B	----	----	437.25+	81.50	.714	----	5	5	UNCH	466.00B	163.50A	
7700	----	#479.75B	----	----	450.50+	83.50	.727	----	2	2	UNCH	479.75B	169.00A	
7800	----	#551.00B	----	----	521.00+	91.75	.792	----	2	2	UNCH	551.00B	201.00A	
TOTAL									60	395 +	52			
201908C MINI NSDQ EOM P		43.25B	----	----	37.50+	9.50	.072	----	3	3	UNCH	50.00B	20.00A	
6000	----	98.50B	----	----	87.25+	20.25	.160	----	1	1	UNCH	106.75B	38.75A	
6500	----	115.00B	----	----	102.50+	23.00	.185	----	1	3	UNCH	123.50B	44.50A	
6600	----	155.50B	----	----	139.50	NEW	.245	----	1	1 +	1	163.50B	58.75A	
6800	----	207.50B	157.00	----	187.75+	37.50	.319	----	1	2 -	1	214.25B	77.75A	
7000	157.00	273.50B	----	----	249.75+	47.00	.409	----	2	2	UNCH	278.00B	103.25A	
7200	----	313.00B	----	----	287.25	NEW	.459	----	1	1 +	1	317.75B	119.00A	
7300	----	357.00B	----	----	329.25+	58.50	.513	----	2	2	UNCH	357.75B	137.50A	
7400	----	#406.00B	357.75A	----	376.75+	65.00	.569	----	2	2 -	2	406.00B	158.50A	
7500	366.00	#460.75B	----	----	430.00+	72.00	.627	----	2	2	UNCH	460.75B	183.00A	
7600	----	#582.50B	----	----	554.75+	86.75	.744	----	2	2	UNCH	582.50B	244.25A	
7800	----								6	21 -	1			
TOTAL														

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 CALL JUN19 QZ	E-MINI NASDAQ 100 OPTIONS CALL 5800	----	----	----	----	1	0.00
TOTALS		0	0	0	0	1	0
EMINI NASD PUT JUN19 QZ	E-MINI NASDAQ 100 OPTIONS PUT 8400	----	----	----	1	1	0.00
QZ	8500	----	----	----	3	3	0.00
QZ	8580	----	----	----	85	85	0.00
QZ	8590	----	----	----	10	67	0.00
QZ	8600	----	----	----	109	164	0.00
QZ	8640	----	----	----	85	176	0.00
QZ	8650	----	----	----	126	126	0.00
TOTALS		0	0	0	334	622	0