S&P 500 CALL OPTIONS

2018 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin
CME Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000

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Side 01

PRELIMINARY

PG49 BULLETIN # 76@ S&P 500 CALL OPTIONS Fri, Apr 20, 2018 PG49

INDIVIDUAL CONTRACT PRICE DATA FOR OPEN, HIGH, LOW, CLOSE AND SETTLEMENT PLUS CLEARED VOLUME FIGURES REFLECT CME REGULAR TRADING HOURS SESSION 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 EXCERCISES, 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 = $12.50 PRODCUT 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.

S&P 500 CONTRACTS LAST TRADE DATES

EXPIRATION:	APR18	MAY18	JUN18	JUL18	AUG18	SEP18	DEC18	MAR19
EOM S&P 500 OPT	04/30	05/31	06/29	07/31	08/31	09/28		
EOW1 S&P 500 OPT	04/06	05/04						
EOW2 S&P 500 OPT	04/13	05/11						
EOW4 S&P 500 OPT	04/27	05/25						
S&P 500 OPT			06/14			09/20	12/20	03/14
S&P 500 FUT			06/14			09/20	12/20	03/14

EXPIRATION:	APR18	MAY18	JUN18	JUL18	SEP18	DEC18	MAR19
BTC FUT	04/27	05/25	06/29		09/28		
EI FUT			06/15				
ENY FUT			06/07				
EOW3 S&P 500 OPT	04/20	05/18		07/20			
FT1 FUT			06/15				
FT5 FUT			06/15				
FTU FUT			06/15				
II FUT	04/26						
RS1 FUT			06/15				
RSG FUT			06/15				
RSV FUT			06/15				
	04/23						
	04/25						
SDA FUT						12/21	
SDI FUT			06/15				03/15
TPY FUT			06/07				
TRI FUT			06/15		09/21	12/21	03/15

S&P 500 OPTIONS ON FUTURES

ELIGIBLE OPTIONS SERIES (CALLS & PUTS) FOR TRADING: FRI, APR 20

	APR18	MAY18	JUN18	JUL18	AUG18	SEP18	DEC18	MAR19
EV	100-4200	100-4200	1000-4225	1000-4225	1000-4225	1100-4225		
EV1	100-4200	100-4200						
EV2	100-4200	100-4200						
EV4	100-4200	100-4200						
OS			100-4200			1000-4225	1100-4225	1150-4225

	APR18	MAY18	JUL18
EV3	100-4200	100-4200	1000-4225
S4A	100-4200		
S4C	100-4200		

S&P 500 FUTURES

	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT. PRICE	& PT. CHGE	RTH VOLUME	GLOBEX® VOLUME	OPEN INTEREST		CONTRACT HIGH	CONTRACT LOW
S&P 500 FUT												
JUN18	2693.50 @2694.50	2694.50	2660.00A	2671.50 @2672.00B	2671.60	- 2150	6089	37	70596 +	442	2877.10B	1971.20A
SEP18	----	2699.60B	2671.10A	2671.10A	2676.60	- 2150	----	----	7534 -	3	2881.40B	2076.00A
DEC18	----	2703.50B	2675.00A	2675.00A	2680.20	- 2180	----	----	300	UNCH	2886.80B	1781.70A
TOTAL S&P 500 FUT							6052	37	78430 +	439		

E-MINI S&P 500 FIXING PRICE (ESF): Sep18 2669.94

WK EV-W1 S&p 500 CALLS

STRIKE	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT.PRICE	& PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST		CONTRACT HIGH	CONTRACT LOW
EOW1 S&P 500 C													
MAY18	EOW1 S&P 500 C	(FUTURES SETT.	.00)										
2695	----	----	----	27.20N	17.50-	970	.368	----	----	135	UNCH	----	----
2715	----	----	----	17.00N	9.90-	710	.249	----	----	30	UNCH	----	----
2720	----	----	----	14.80N	8.40-	640	.221	----	----	139	UNCH	----	----
2725	----	----	----	12.90N	7.00-	590	.193	----	----	100	UNCH	----	----
2730	----	----	----	11.10N	5.80+	NEW	.168	----	450	100 +	100	----	----
2740	----	----	----	8.10N	3.90-	420	.123	----	----	275	UNCH	----	----
2750	----	----	----	5.80N	2.50+	NEW	.085	----	450	125 +	125	----	----
2760	----	----	----	3.90N	1.60-	230	.058	----	----	225	UNCH	----	----
2800	----	----	----	1.00N	.35-	65	.013	----	----	64	UNCH	4.60	4.60
2850	0.30	#.30	*.30	0.30	.15+	NEW	.005	----	2	2 +	2	.30	.30
2910	----	----	----	0.20N	.05-	15	.000	----	----	70	UNCH	.60	.60
TOTAL									902	1265 +	227		

WK EV-W2 S&p 500 CALLS

STRIKE	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT.PRICE	& PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST		CONTRACT HIGH	CONTRACT LOW
EOW2 S&P 500 C													
MAY18	EOW2 S&P 500 C	(FUTURES SETT.	.00)										
2730	----	----	----	15.50N	9.70-	580	.220	----	----	135	UNCH	----	----
2735	----	----	----	13.70N	8.40-	530	.198	----	----	139	UNCH	----	----
2740	----	----	----	12.10N	7.20+	NEW	.176	----	225	225 +	225	----	----
TOTAL									225	499 +	225		

WK EV-W4 S&P 500 CALLS

STRIKE	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT.PRICE	& PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST		CONTRACT HIGH	CONTRACT LOW
EOW4 S&P 500 C													
APR18	EOW4 S&P 500 C	(FUTURES SETT.	.00)										
2450	----	----	----	243.60N	222.00-	2160	.990	----	----	2	UNCH	257.50	257.50
2600	----	----	----	96.80N	76.50-	2030	.875	----	----	1500	UNCH	----	----
2690	11.50	#11.50	*11.50	11.50	11.90-	1110	.348	----	1	101 +	1	11.50	11.50
2700	----	----	----	17.40N	8.10-	930	.264	----	----	338	UNCH	29.20	15.00
2710	----	----	----	12.60N	5.10-	750	.186	----	----	250	UNCH	----	----
2720	----	----	----	8.60N	3.05-	555	.122	----	225	290 +	115	----	----
2730	----	----	----	5.60N	1.70-	390	.073	----	1	577 +	1	----	----
2735	----	----	----	4.40N	1.20-	320	.053	----	----	138	UNCH	----	----
2740	----	----	----	3.40N	.85-	255	.039	----	450	300 +	75	----	----
2745	----	----	----	2.60N	.60-	200	.028	----	----	135	UNCH	----	----
2750	----	----	----	2.00N	.40-	160	.019	----	1	1551 +	1	6.30B	----
2800	----	----	----	0.30N	.05-	25	.000	----	300	401 +	400	2.50	1.05
2820	----	----	----	0.20N	.05-	15	.000	----	----	70	UNCH	1.45	1.45
2870	----	----	----	0.05N	.05	UNCH	----	----	----	500	UNCH	.30	.30
TOTAL									978	6153 +	593		

S&P 500 CALLS

STRIKE	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT.PRICE	& PT.CHGE.	DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST		CONTRACT HIGH	CONTRACT LOW
S&P 500 CALL													
JUN18	S&P 500 CALL	(FUTURES SETT.	2671.60 -	2150)									
2380	----	----	----	320.70N	301.00-	1970	.913	----	----	1	UNCH	329.00	166.50
2525	----	----	----	186.10N	169.00-	1710	.797	----	----	177	UNCH	----	----
2550	----	----	----	164.20N	147.70-	1650	.764	----	----	177	UNCH	----	----
2565	----	----	----	151.20N	135.20-	1600	.742	----	----	237	UNCH	----	----
2570	----	----	----	146.90N	131.10-	1580	.734	----	----	50	UNCH	----	----
2580	----	----	----	138.60N	122.90-	1570	.717	----	----	105	UNCH	----	----

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2590	----	----	----	130.40N	115.00-	1540	.700	----	----	237	UNCH	----	----
2600	----	----	----	122.30N	107.20-	1510	.681	----	----	5	UNCH	----	----
2625	----	----	----	102.40N	88.60-	1380	.628	----	----	1	UNCH	----	----
2635	----	----	----	94.80N	81.50-	1330	.605	----	----	1	UNCH	85.00B	70.00
2640	----	----	----	91.10N	78.00-	1310	.593	----	----	2	UNCH	98.00	98.00
2650	----	----	----	83.80N	71.20-	1260	.568	----	----	2	UNCH	81.00B	----
2670	----	----	----	69.70N	58.30-	1140	.515	----	----	1	UNCH	80.00B	68.00A
2675	----	----	----	66.30N	55.30-	1100	.500	----	----	2	UNCH	77.50B	65.00A
2680	----	----	----	63.00N	52.30-	1070	.486	----	----	20	UNCH	----	----
2685	----	----	----	59.80N	49.40-	1040	.471	----	----	1	UNCH	----	----
2690	----	----	----	56.60N	46.60-	1000	.456	----	----	5	UNCH	----	----
2695	----	----	----	53.50N	43.90-	960	.441	----	----	1	UNCH	----	----
2700	----	----	----	50.40N	41.30-	910	.426	----	----	133	UNCH	61.00	61.00
2710	----	----	----	44.70N	36.20-	850	.395	----	20	72	+ 19	82.50	82.50
2715	----	----	----	42.00N	33.90-	810	.379	----	----	2	UNCH	----	----
2720	----	----	----	39.30N	31.60-	770	.363	----	----	101	UNCH	----	----
2725	----	----	----	36.80N	29.40-	740	.347	----	----	177	UNCH	----	----
2730	----	----	----	34.40N	27.30-	710	.331	----	----	207	UNCH	154.50	154.50
2735	----	----	----	32.10N	25.30-	680	.316	----	----	3	UNCH	----	----
2740	----	----	----	29.80N	23.40-	640	.300	----	20	20	- 2	----	----
2745	----	----	----	27.70N	21.70-	600	.285	----	----	2	UNCH	----	----
2750	----	----	----	25.70N	20.00-	570	.270	----	----	365	UNCH	44.50	17.30
2755	----	----	----	23.80N	18.40-	540	.255	----	----	1	UNCH	----	----
2760	----	----	----	22.00N	16.90-	510	.240	----	----	9	UNCH	50.60	47.20
2765	----	----	----	20.40N	15.50-	490	.226	----	----	2	UNCH	----	----
2770	----	----	----	18.80N	14.20-	460	.212	----	----	21	UNCH	----	----
2775	----	----	----	17.40N	13.00-	440	.198	----	----	210	UNCH	41.30	27.00
2780	----	----	----	16.00N	11.90-	410	.186	----	----	7	UNCH	----	----
2785	----	----	----	14.70N	10.80-	390	.173	----	----	2	UNCH	----	----
2790	----	----	----	13.50N	9.90-	360	.162	----	----	5	UNCH	----	----
2795	----	----	----	12.40N	9.10-	330	.151	----	----	1	UNCH	----	----
2800	----	----	----	11.30N	8.30-	300	.140	----	----	1111	UNCH	46.00	7.80
2805	----	----	----	10.30N	7.60-	270	.131	----	1	3	UNCH	----	----
2810	----	----	----	9.40N	6.90-	250	.121	----	----	9	UNCH	46.50	46.50
2820	----	----	----	7.80N	5.80-	200	.105	----	----	78	UNCH	----	----
2825	----	----	----	7.10N	5.30-	180	.097	----	----	208	UNCH	----	----
2830	----	----	----	6.50N	4.85-	165	.090	----	----	176	UNCH	----	----
2835	----	----	----	5.90N	4.40-	150	.083	----	----	5	UNCH	6.80	6.80
2840	----	----	----	5.40N	4.00-	140	.077	----	----	30	UNCH	----	----
2845	----	----	----	4.90N	3.65-	125	.071	----	----	4	UNCH	----	----
2850	----	----	----	4.50N	3.35-	115	.066	----	61	4443	- 60	56.20	3.80
2855	----	----	----	4.10N	3.10-	100	.061	----	----	2	UNCH	----	----
2860	----	----	----	3.75N	2.85-	90	.057	----	----	122	UNCH	5.80	5.80
2870	----	----	----	3.15N	2.45-	70	.049	----	----	3	UNCH	20.00	20.00
2875	----	----	----	2.90N	2.30-	60	.046	----	----	253	UNCH	13.50	4.05
2880	----	----	----	2.65N	2.15-	50	.043	----	----	509	UNCH	4.30	4.00
2885	----	----	----	2.45N	2.00-	45	.041	----	----	402	UNCH	4.05	3.95
2890	----	----	----	2.25N	1.85-	40	.038	----	----	150	UNCH	3.85	3.85
2895	----	----	----	2.10N	1.75-	35	.036	----	----	2	UNCH	----	----
2900	----	----	----	1.95N	1.65-	30	.034	----	----	2686	UNCH	12.50	3.30
2905	----	----	----	1.80N	1.55-	25	.032	----	----	1	UNCH	----	----
2910	----	----	----	1.70N	1.45-	25	.030	----	----	1	UNCH	----	----
2915	----	----	----	1.55N	1.35-	20	.028	----	----	1	UNCH	----	----
2920	----	----	----	1.50N	1.25-	25	.026	----	----	12	UNCH	15.00	7.90
2925	----	----	----	1.40N	1.20-	20	.025	----	----	454	UNCH	----	9.20A
2930	----	----	----	1.35N	1.15-	20	.023	----	----	4	UNCH	----	----
2935	----	----	----	1.25N	1.10-	15	.022	----	----	2004	UNCH	----	----
2940	----	----	----	1.20N	1.05-	15	.021	----	----	853	UNCH	8.00	3.00
2945	----	----	----	1.15N	1.00-	15	.020	----	----	3	UNCH	----	----
2950	----	----	----	1.10N	.95-	15	.019	----	----	7110	UNCH	41.50	2.20
2955	----	----	----	1.05N	.90-	15	.018	----	----	3	UNCH	----	----
2960	----	----	----	1.00N	.85-	15	.017	----	----	52	UNCH	2.20	2.20
2970	----	----	----	0.90N	.80-	10	.016	----	----	229	UNCH	8.50	2.20
2975	----	----	----	0.85N	.75-	10	.015	----	60	62	UNCH	10.00	7.00
2995	----	----	----	0.75N	.60-	15	.012	----	----	1550	UNCH	2.80	2.80
3000	----	----	----	0.70N	.60-	10	.012	----	----	290	UNCH	23.20	2.30
3005	----	----	----	0.65N	.60-	5	.011	----	----	2	UNCH	18.20	3.00
3010	----	----	----	0.65N	.55-	10	.011	----	----	11	UNCH	3.10	3.10
3015	----	----	----	0.60N	.55-	5	.010	----	----	1	UNCH	----	----
3025	----	----	----	0.60N	.50-	10	.009	----	----	132	UNCH	17.50	7.50
3050	----	----	----	0.50N	.45-	5	.008	----	----	130	UNCH	13.00	.50
3075	----	----	----	0.40N	.40	UNCH	.007	----	----	13	UNCH	10.30	.30
3100	0.30	.30	*.30	0.30	.30	UNCH	.005	----	1	223	UNCH	8.30	.30
3125	----	----	----	0.30N	.25-	5	.004	----	----	3	UNCH	6.00	1.10
3450	----	----	----	0.05N	.05	UNCH	.000	----	----	20	UNCH	.20	.20
TOTAL									163	25725	- 43		
SEP18		(FUTURES SETT.		2676.60 -	2150)								
2525	----	----	----	225.10N	209.80-	1530	.713	----	----	90	UNCH	----	----
2550	----	----	----	205.00N	190.40-	1460	.687	----	----	90	UNCH	----	----
2570	----	----	----	189.30N	175.10-	1420	.665	----	----	2	UNCH	----	----
2600	----	----	----	166.50N	153.00-	1350	.628	----	----	3	UNCH	----	----
2660	----	----	----	123.60N	111.70-	1190	.544	----	----	4	UNCH	----	----
2670	----	----	----	116.80N	105.30-	1150	.529	----	----	1	UNCH	----	----
2690	----	----	----	103.80N	92.80-	1100	.496	----	----	1	UNCH	----	----
2695	----	----	----	100.60N	89.80-	1080	.488	----	----	3	UNCH	----	----
2700	----	----	----	97.40N	86.80-	1060	.480	----	----	110	UNCH	99.50	83.00
2710	----	----	----	91.20N	81.00-	1020	.462	----	----	2	UNCH	----	----
2715	----	----	----	88.20N	78.20-	1000	.454	----	----	1	UNCH	----	----
2730	----	----	----	79.40N	70.00-	940	.427	----	----	1	UNCH	----	----
2735	----	----	----	76.50N	67.30-	920	.418	----	----	2	UNCH	----	----
2745	----	----	----	71.00N	62.20-	880	.399	----	----	1	UNCH	----	----
2750	----	----	----	68.30N	59.70-	860	.390	----	----	111	UNCH	71.80B	----
2755	----	----	----	65.70N	57.30-	840	.381	----	----	1	UNCH	----	----
2760	----	----	----	63.10N	55.00-	810	.372	----	----	1	UNCH	----	----
2765	----	----	----	60.60N	52.60-	800	.362	----	----	2	UNCH	----	----
2770	----	----	----	58.20N	50.40-	780	.353	----	----	28	UNCH	----	----
2780	----	----	----	53.50N	46.00-	750	.334	----	----	103	UNCH	66.00	66.00
2800	----	----	----	44.70N	38.10-	660	.296	----	----	73	UNCH	73.50	41.50
2805	----	----	----	42.60N	36.20-	640	.287	----	----	1	UNCH	----	----
2820	----	----	----	36.70N	31.10-	560	.259	----	----	7	UNCH	43.00	43.00
2830	----	----	----	33.10N	27.90-	520	.241	----	----	135	UNCH	73.00	73.00
2845	----	----	----	28.20N	23.60-	460	.215	----	----	2	UNCH	----	----
2850	----	----	----	26.70N	22.30-	440	.206	----	----	264	UNCH	53.00	30.50
2860	----	----	----	23.90N	19.90-	400	.190	----	----	1	UNCH	----	----
2885	----	----	----	18.00N	14.70-	330	.152	----	----	1	UNCH	----	----
2890	----	----	----	16.90N	13.90-	300	.146	----	----	5	UNCH	40.30	40.30
2900	----	----	----	15.00N	12.20-	280	.132	----	----	226	UNCH	----	----
2910	----	----	----	13.20N	10.80-	240	.120	----	----	145	UNCH	93.40	65.00
2920	----	----	----	11.70N	9.50-	220	.108	----	----	1	UNCH	----	----
2930	----	----	----	10.20N	8.40-	180	.098	----	----	2	UNCH	----	----
2950	----	----	----	7.90N	6.50-	140	.080	----	----	200	UNCH	13.00	13.00
2990	----	----	----	4.80N	4.10-	70	.054	----	----	1	UNCH	----	----
3000	----	----	----	4.25N	3.70-	55	.049	----	----	4	UNCH	52.70	6.00
3040	----	----	----	2.75N	2.50-	25	.034	----	----	2	UNCH	----	----
3070	----	----	----	2.10N	1.90-	20	.026	----	----	1	UNCH	31.80	31.80
3090	----	----	----	1.75N	1.60-	15	.022	----	----	4	UNCH	----	----
3100	----	----	----	1.60N	1.50-	10	.021	----	----	5	UNCH	5.30	1.40
3120	----	----	----	1.40N	1.25-	15	.017	----	----	2	UNCH	----	----
3140	----	----	----	1.20N	1.10-	10	.015	----	----	2	UNCH	----	----
3190	----	----	----	0.85N	.80-	5	.011	----	----	1	UNCH	----	----
3200	----	----	----	0.80N	.80	UNCH	.011	----	----	1	UNCH	----	----
TOTAL									0	1643			
DEC18		(FUTURES SETT.		2680.20 -	2180)								
2570	----	----	----	219.90N	205.90-	1400	.645	----	----	2	UNCH	221.00	221.00
2600	----	----	----	198.10N	184.50-	1360	.615	----	----	1	UNCH	----	----
2700	----	----	----	130.90N	120.40-	1050	.499	----	----	2	UNCH	----	----
2735	----	----	----	109.90N	100.50-	940	.454	----	----	1	UNCH	94.60	94.60
2750	----	----	----	101.40N	92.40-	900	.433	----	----	1	UNCH	----	----
2775	----	----	----	88.10N	79.60-	850	.398	----	----	42	UNCH	----	----
2800	----	----	----	75.60N	67.90-	770	.362	----	----	126	UNCH	----	----
2815	----	----	----	68.60N	61.30-	730	.341	----	----	1	UNCH	60.00	60.00
2825	----	----	----	64.20N	57.20-	700	.326	----	----	24	UNCH	----	----
2840	----	----	----	57.90N	51.30-	660	.305	----	----	1	UNCH	----	----
2850	----	----	----	54.00N	47.60-	640	.290	----	----	59	UNCH	----	----
2890	----	----	----	39.90N	34.80-	510	.235	----	----	34	UNCH	122.50	82.70
2900	----	----	----	36.80N	32.00-	480	.222	----	----	227	UNCH	74.00	74.00
2910	----	----	----	33.90N	29.40-	450	.209	----	----	8	UNCH	111.30	111.30
2920	----	----	----	31.10N	27.00-	410	.197	----	----	20	UNCH	----	----
2930	----	----	----	28.50N	24.70-	380	.185	----	----	43	UNCH	----	----
2940	----	----	----	26.10N	22.50-	360	.173	----	----	101	UNCH	52.50	52.50
2950	----	----	----	23.80N	20.50-	330	.161	----	----	8	UNCH	31.00	24.80
2960	----	----	----	21.70N	18.60-	310	.150	----	----	26	UNCH	68.00	54.00
2970	----	----	----	19.70N	16.90-	280	.140	----	----	14	UNCH	63.00	63.00

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2980	----	----	----	17.90N	15.40-	250	.130	----	----	103	UNCH	60.50	46.70
2990	----	----	----	16.30N	13.90-	240	.120	----	----	11	UNCH	----	----
3000	12.40	12.40	*12.40	12.40	12.60-	220	.111	----	3	261	+ 3	71.20	12.40
3010	----	----	----	13.40N	11.50-	190	.103	----	----	1	UNCH	----	----
3020	----	----	----	12.20N	10.40-	180	.096	----	----	1	UNCH	23.00	23.00
3025	----	----	----	11.60N	10.00-	160	.092	----	----	1	UNCH	----	----
3050	----	----	----	9.10N	7.90-	120	.076	----	----	2	UNCH	----	----
3060	----	----	----	8.20N	7.20-	100	.070	----	----	10	UNCH	10.80	10.80
3075	----	----	----	7.10N	6.30-	80	.063	----	----	1	UNCH	----	----
3100	----	----	----	5.50N	5.00-	50	.052	----	----	232	UNCH	----	----
3110	----	----	----	5.00N	4.55-	45	.047	----	----	3	UNCH	----	----
3140	----	----	----	3.80N	3.50-	30	.038	----	----	2	UNCH	----	----
3150	----	----	----	3.45N	3.25-	20	.035	----	----	80	UNCH	----	----
3170	----	----	----	2.95N	2.75-	20	.030	----	----	4	UNCH	----	----
3175	----	----	----	2.85N	2.65-	20	.029	----	----	1	UNCH	----	----
3180	----	----	----	2.75N	2.55-	20	.028	----	----	1	UNCH	----	----
3200	----	----	----	2.35N	2.25-	10	.025	----	----	2	UNCH	----	----
3225	----	----	----	2.00N	1.90-	10	.021	----	----	1	UNCH	----	----
3230	----	----	----	1.90N	1.85-	5	.021	----	----	3	UNCH	----	----
3270	----	----	----	1.45N	1.45	UNCH	.016	----	----	1	UNCH	----	----
3290	----	----	----	1.25N	1.30+	5	.015	----	----	1	UNCH	----	----
3300	----	----	----	1.20N	1.20	UNCH	.013	----	----	25	UNCH	8.70	5.00
3325	----	----	----	1.05N	1.05	UNCH	.012	----	----	1	UNCH	----	----
TOTAL									3	1489	+ 3		
EOM S&P 500 C													
APR18	EOM S&P 500 C	(FUTURES SETT. .00)											
2625	----	----	----	75.10N	56.90-	1820	.764	----	----	35	UNCH	----	----
2645	----	----	----	57.90N	41.30-	1660	.670	----	----	35	UNCH	----	----
2650	----	----	----	53.80N	37.70-	1610	.642	----	----	10	UNCH	172.50	138.50
2710	----	----	----	14.20N	6.80-	740	.219	----	----	258	UNCH	----	----
2720	----	----	----	10.10N	4.40-	570	.156	----	----	258	UNCH	----	----
2725	----	----	----	8.30N	3.45-	485	.128	----	----	130	UNCH	----	----
2730	----	----	----	6.80N	2.65-	415	.103	----	----	453	UNCH	----	----
2740	2.10	#2.10	*2.10	2.10	1.45-	300	.062	----	1	254	+ 1	2.10	2.10
2745	----	----	----	3.55N	1.05-	250	.046	----	----	10	UNCH	----	----
2750	----	----	----	2.80N	.75-	205	.034	----	----	1	UNCH	----	----
2760	----	----	----	1.75N	.40-	135	.019	----	----	129	UNCH	----	----
2775	----	----	----	0.90N	.20-	70	.009	----	----	30	UNCH	----	----
2780	----	----	----	0.75N	.15-	60	.007	----	----	253	UNCH	----	----
2790	----	----	----	0.55N	.15-	40	.006	----	----	129	UNCH	.55	.55
2800	----	----	----	0.45N	.10-	35	.004	----	----	22	UNCH	3.10	.25
2810	----	----	----	0.35N	.10-	25	.004	----	----	1	UNCH	----	----
2825	0.15	.15	*.15	0.15	.05-	20	.001	----	541	592	+ 528	1.00	.15
2850	----	----	----	0.15N	.05-	10	.000	----	----	500	UNCH	.30	.25
2870	----	----	----	0.10N	CAB	----	.000	----	----	60	UNCH	.80	.50
2875	----	----	----	0.10N	CAB	----	.000	----	----	13	UNCH	.45	.45
2900	----	----	----	0.10N	CAB	----	.000	----	----	45	UNCH	----	----
2925	----	----	----	0.05N	CAB	----	----	----	----	188	UNCH	.15	.15
2930	----	----	----	0.05N	CAB	----	----	----	----	50	UNCH	----	----
2935	----	----	----	0.05N	CAB	----	----	----	----	17	UNCH	----	----
2940	----	----	----	0.05N	CAB	----	----	----	----	27	UNCH	----	----
2950	----	----	----	0.05N	CAB	----	----	----	----	263	UNCH	.10	.10
3025	----	----	----	----	CAB	----	----	----	----	2253	UNCH	----	----
3030	----	----	----	----	CAB	----	----	----	----	100	UNCH	----	----
3075	----	----	----	----	CAB	----	----	----	----	4757	UNCH	.10	.10
TOTAL									542	10873	+ 529		
MAY18	EOM S&P 500 C	(FUTURES SETT. .00)											
2750	----	----	----	17.80N	12.80-	500	.222	----	----	168	UNCH	----	----
2760	----	----	----	14.60N	10.40-	420	.190	----	----	128	UNCH	----	----
2800	5.50	5.50	*5.50	5.50	4.35-	205	.095	----	7	47	UNCH	10.00	5.50
2820	----	----	----	4.20N	2.85-	135	.066	----	----	1	UNCH	----	----
2825	----	----	----	3.75N	2.55-	120	.059	----	----	70	UNCH	----	----
2850	----	----	----	2.30N	1.60-	70	.038	----	----	158	UNCH	----	----
2875	----	----	----	1.55N	1.10-	45	.026	----	----	4	UNCH	----	----
2900	----	----	----	1.15N	.80-	35	.019	----	----	6	UNCH	----	----
2925	----	----	----	0.90N	.60-	30	.014	----	----	12	UNCH	----	----
2950	----	----	----	0.65N	.50-	15	.011	----	----	26	UNCH	5.10	1.00
TOTAL									7	620			
JUN18	EOM S&P 500 C	(FUTURES SETT. .00)											
2750	----	----	----	35.20N	28.10-	710	.313	----	----	50	UNCH	----	----
2830	----	----	----	10.50N	7.90-	260	.124	----	----	50	UNCH	----	----
2890	----	----	----	3.85N	3.05-	80	.055	----	----	500	UNCH	4.10	3.95
2910	----	----	----	2.85N	2.30-	55	.042	----	----	500	UNCH	----	----
2925	----	----	----	2.30N	1.90-	40	.035	----	----	1000	UNCH	----	----
2950	----	----	----	1.70N	1.45-	25	.027	----	----	1000	UNCH	----	----
3000	----	----	----	1.05N	.90-	15	.017	----	----	2000	UNCH	----	----
TOTAL									0	5100			
JUL18	EOM S&P 500 C	(FUTURES SETT. .00)											
2725	----	----	----	61.40N	52.10-	930	.409	----	----	69	UNCH	----	----
2750	----	----	----	48.30N	40.30-	800	.351	----	----	69	UNCH	----	----
TOTAL									0	138			

ADDITIONAL S&P CALLS

STRIKE	OPEN RANGE	HIGH	LOW	CLOSING RANGE	SETT.PRICE & PT.CHGE.		DELTA	EXER CISES	VOLUME TRADES CLEARED	OPEN INTEREST		--CONTRACT-- HIGH	LOW
EOW3 S&P 500 C													
APR18	EOW3 S&P 500 C	(FUTURES SETT. .00)											
2650	----	----	----	43.70N	19.90-	23.80	1.000	142	2	----	142	----	----
2660	3.60	3.60	*3.60	3.60	9.90-	24.30	1.000	250	200	----	300	33.00B	3.60
2665	----	----	----	29.50N	4.90	NEW	1.000	94	94	----	UNCH	31.00B	----
2670	5.50	5.50	*.60	.60	CAB	----	1.000	----	4	----	7	45.00B	.60
2675	5.00	5.00	*3.50	3.50	CAB	----	----	----	2	----	39	56.50	3.50
2685	2.00	#2.00	*.60	.60	CAB	----	----	----	310	----	UNCH	2.00	.60
2690	3.60	#3.60	*.20	.20	CAB	----	----	----	154	----	562	3.60	.20
2700	.10	.10	*.10	.10	CAB	----	----	----	10	----	610	16.50	.10
2710	.15	.15	*.15	.15	CAB	----	----	----	5	----	588	11.70	.15
2715	----	CAB	CAB	----	CAB	----	----	----	5	----	79	----	----
2735	----	CAB	CAB	----	CAB	----	----	----	22	----	UNCH	----	----
2750	----	----	----	.05N	CAB	----	----	----	82	----	830	14.50	.10A
TOTAL									0	0	- 5250		
MAY18	EOW3 S&P 500 C	(FUTURES SETT. .00)											
100	----	----	----	2589.40N	2568.00-	21.40	1.000	----	----	60	UNCH	----	----
2100	----	----	----	593.20N	571.90-	21.30	.990	----	----	60	UNCH	----	----
2550	----	----	----	152.40N	134.30-	18.10	.831	----	----	40	UNCH	----	----
2600	----	----	----	108.00N	91.80-	16.20	.735	----	----	40	UNCH	----	----
2625	----	----	----	87.20N	72.40-	14.80	.669	----	----	200	UNCH	----	----
2650	----	----	----	67.70N	54.50-	13.20	.588	----	----	388	UNCH	----	----
2670	----	----	----	53.40N	41.60-	11.80	.513	----	----	7	UNCH	----	----
2675	----	----	----	50.00N	38.60	NEW	.493	----	82	82	+ 82	----	----
2700	----	----	----	34.30N	25.40-	8.90	.387	----	----	25	UNCH	----	----
2730	----	----	----	19.70N	13.50-	6.20	.255	----	----	195	UNCH	----	----
2740	----	----	----	15.90N	10.70-	5.20	.216	----	137	322	+ 137	----	----
2750	----	----	----	12.70N	8.40-	4.30	.180	----	----	464	UNCH	19.50	12.00
2760	----	----	----	10.10N	6.40-	3.70	.146	----	----	225	UNCH	----	----
2765	----	----	----	8.90N	5.60-	3.30	.131	----	----	22	UNCH	----	----
2770	----	----	----	7.90N	4.95-	2.95	.118	----	----	4	UNCH	----	----
2790	----	----	----	4.80N	2.85-	1.95	.075	----	----	34	UNCH	11.30	8.30
2800	----	----	----	3.75N	2.20-	1.55	.059	----	----	275	UNCH	9.50	6.00
2810	----	----	----	2.95N	1.75-	1.20	.048	----	----	5	UNCH	6.00	6.00
2820	----	----	----	2.35N	1.40-	0.95	.039	----	----	5	UNCH	----	----
2825	----	----	----	2.10N	1.25-	0.85	.035	----	----	636	UNCH	4.00	4.00
2850	1.00	1.00	*1.00	1.00	.85-	0.50	.023	----	200	1859	- 150	2.15	1.00
2860	----	----	----	1.15N	.75-	0.40	.020	----	----	441	UNCH	----	----
2875	----	----	----	.95N	.65-	0.30	.017	----	----	106	UNCH	3.80	3.80
2880	----	----	----	.90N	.60-	0.30	.016	----	----	98	UNCH	6.00	2.00
2895	----	----	----	.75N	.50-	0.25	.013	----	----	20	UNCH	9.30	9.30
2900	.45	.45	*.45	.45	.50-	0.20	.013	----	400	7585	+ 400	9.50B	.45
2910	----	----	----	.65N	.45-	0.20	.011	----	----	48	UNCH	.70	.70
2920	----	----	----	.60N	.40-	0.20	.010	----	----	375	UNCH	3.75	3.75
2925	----	----	----	.55N	.35-	0.20	.009	----	----	750	UNCH	1.45	1.45
2935	----	----	----	.50N	.35-	0.15	.008	----	----	5	UNCH	6.00	6.00
2940	----	----	----	.50N	.35-	0.15	.008	----	----	30	UNCH	----	----
2950	----	----	----	.45N	.30-	0.15	.007	----	1100	3875	+ 1100	6.20	.65
2955	----	----	----	.45N	.30-	0.15	.007	----	----	250	UNCH	----	----
2960	----	----	----	.40N	.30-	0.10	.007	----	----	38	UNCH	4.55	4.55
3000	----	----	----	.30N	.20-	0.10	.004	----	----	2530	UNCH	.40	.40
3070	----	----	----	.15N	.15	UNCH	.003	----	----	171	UNCH	6.70	.20
3085	----	----	----	.15N	.10-	0.05	.002	----	----	109	UNCH	.15	.15
TOTAL									0	21379	+ 1569		
JUL18	EOW3 S&P 500 C	(FUTURES SETT. .00)											
1000	----	----	----	1690.60N	1669.20-	21.40	.999	----	----	10	UNCH	1707.50	1707.50
1025	----	----	----	1665.70N	1644.40-	21.30	.999	----	----	7	UNCH	----	----

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2775	----	----	----	32.90N	26.50-	6.40	.278	----	----	1	UNCH	27.00	27.00
2800	----	----	----	23.80N	18.80-	5.00	.220	----	----	1	UNCH	----	----
2850	----	----	----	11.40N	8.70-	2.70	.123	----	----	3	UNCH	12.20	12.20
2875	----	----	----	7.70N	5.90-	1.80	.090	----	----	1	UNCH	----	----
2900	3.85	3.85	*3.85	3.85	4.05-	1.15	.065	----	18	19 +	18	17.70	3.85
2905	----	#4.00	*4.00	4.00	3.75	NEW	.061	----	150	150 +	150	4.00	4.00
2910	3.95	#3.95	*3.95	3.95	3.50	NEW	.058	----	100	100 +	100	3.95	3.95
3000	----	----	----	1.45N	1.25-	0.20	.022	----	----	10	UNCH	----	----
3025	----	----	----	1.20N	1.00-	0.20	.017	----	----	7	UNCH	----	----
TOTAL									0	309 +	268		
MDV MID													
APR18	MDV MID	(FUTURES SETT.	.00)										
2770	.10	#.10	*.10	.10	.05	NEW	.000	----	300	300 +	300	.10	.10
2775	.10	#.10	*.10	.10	.05	NEW	.000	----	100	100 +	100	.10	.10
2780	.10	#.10	*.10	.10	.05	NEW	.000	----	200	200 +	200	.10	.10
2800	.15	#.15	*.10	.10	.05	NEW	.000	----	900	800 +	800	.15	.10
2825	----	CAB	CAB	----	CAB	----	----	----	700	700 +	700	----	----
TOTAL									0	2100 +	2100		
MMV MID													
APR18	MMV MID	(FUTURES SETT.	.00)										
2700	1.80	#1.80	*1.80	1.80	.65	NEW	.047	----	1	1 +	1	1.80	1.80
2715	.10	#.10	*.10	.10	.10	NEW	.005	----	200	300 +	300	.10	.10
2720	.10	#.10	*.10	.10	.05	NEW	.002	----	100	150 +	150	.10	.10
2725	.10	#.10	*.10	.10	.05	NEW	.001	----	500	500 +	500	.10	.10
2740	.10	#.10	*.10	.10	.05	NEW	.000	----	400	400 +	400	.10	.10
2750	.10	#.10	*.10	.10	.05	NEW	----	----	100	100 +	100	.10	.10
2850	----	----	----	----	CAB	----	----	----	----	200	UNCH	.10	.10
2900	----	----	----	----	CAB	----	----	----	----	300	UNCH	.10	.10
TOTAL									0	1951 +	1451		

E-MINI S&P 500 FIXING PRICE (ESF): Sep18 2669.94