CUSTOMER SERVICE OPEN AN ACCOUNT PROFILE LOG OUT

Search or get a quote

Accounts & Trade Planning & Advice News & Research **Investment Products** Why Fidelity

Research >

Content and data provided by various third parties and Fidelity Investments – Terms of Use

Options

Quotes & Tools Market Overview Trading Ideas

Fidelity Learning Center

Print Help/Glossary

Option Chain | Key Statistics | IV Index | Option Quote & Chart | Probability Calculator | P/L Calculator | Market Commentary

CMCSA

COMCAST CORPORATION \$35.41 • 0.19 (0.54%)

AS OF 4:00:00PM ET 09/28/2018 C More Quote Information

Strategy Calls & Puts Strikes All

Volume All Open Int All

Weekly
Histogram
View Demo | Settings View All Expiration Dates

OCT 19 NOV 16 JAN 18 2019 FEB 15 MAR 15 APR 18 JUN 21 JAN 17 2020 JAN 15 2021

▲ □ Apply Reset

Expand All|Collapse All

<u>Last</u>	<u>Change</u>	Bid Size	Bid	<u>Ask</u>			Open Int	Imp Vol	<u>Delta</u>	Gamma	<u>Theta</u>	Action	Strike		Las	Change	Bid Size	<u>Bid</u>	<u>Ask</u>	Ask Size	Fee
					(CALLS						Oct	19 '18 (1	9 days)							F
14.80	0.00	0	15.80	19.85	0	0	0		0.8975	0.0062	-0.1222	-	17.5		0.05	0.00	0	0.00	0.01	0	
0.00	0.00	0	13.30	17.35	0	0	0		0.8776	0.0082	-0.1182	-	20	1	0.10	0.00	0	0.00	0.01	0	
11.55	0.00	0	10.75	14.90	0	0	0		0.8534	0.0109	-0.1148	-	22.5		0.02	0.00	0	0.00	0.01	0	
10.00	0.00	0	8.70	12.40	0	0	125	102.39 %	0.9457	0.0164	-0.0289	-	25	-	0.0	0.00	0	0.00	0.02	0	
10.02	0.00	0	6.65	9.75	0	0	1,075	90.90 %	0.8998	0.0261	-0.0363	-	27.5		0.0	0.00	0	0.00	0.02	0	
0.00	0.00	0	4.35	8.35	0	0	0	-	0.766	0.0242	-0.0922	-	29		0.03	0.00	0	0.00	0.02	0	
5.55	0.00	0	5.15	5.55	0	0	4,886		0.9088	0.0442	-0.0248	-	30	-	0.03	0.00	0	0.02	0.04	0	
0.00	0.00	0	2.76	6.85	0	0	0		0.734	0.0301	-0.0852	-	30.5	٠,	0.00	0.00	0	0.00	0.04	0	
0.00	0.00	0	2.30	6.25	0	0	0		0.7245	0.0333	-0.0798	-	31	-	0.04	0.00	0	0.01	0.04	0	
0.00	0.00	0	1.81	5.20	0	0	0		0.7326	0.0421	-0.0613	-	31.5	-	0.05	0.00	0	0.02	0.04	0	
0.00	0.00	0	1.27	4.85	0	0	0		0.7101	0.0443	-0.0631	-	32	٠,	0.06	0.00	0	0.04	0.07	0	
2.89	0.00	0	2.76	2.95	0	0	4,248		0.9344	0.0868	-0.0118	-	32.5	-	0.08	0.00	0	0.07	0.09	0	
2.32	0.00	0	2.23	2.53	0	0	110		0.8575	0.121	-0.0192	-	33	٦.	0.09	0.00	0	0.10	0.12	0	
1.83	0.00	0	1.83	2.01	0	0	40	16.82 %	0.9726	0.0866	-0.0035	-	33.5	٦,	0.19	0.00	0	0.16	0.18	0	
1.59	0.00	0	1.50	1.57	0	0	419	21.34 %	0.8045	0.2103	-0.0168	-	34	٦,	0.26	0.00	0	0.24	0.26	0	
1.13	0.00	0	1.13	1.17	0	0	823	20.69 %	0.6959	0.2362	-0.0173	-			0.34	0.00	0	0.36	0.39	0	
0.79	0.00	0	0.82	0.85	0	0	28,244	20.15 %	0.5807	0.2432	-0.0167	-	35				0	0.52	0.57	0	
0.54	0.00	0	0.55	0.58	0	0	2,415	19.84 %	0.4576	0.2382	-0.016	-					0	0.76	0.81	0	
0.35	0.00	0	0.35	0.38	0	0	7,340	19.52 %	0.342	0.2218	-0.0145	-	36				0	1.07	1.12	0	
0.21	0.00	0	0.22	0.24	0	0	353	19.58 %	0.2428	0.1881	-0.0123	-					0	1.42	1.52	0	
0.17	0.00	0	0.13	0.16	0	0	936	19.97 %	0.1672	0.1476	-0.01	-					0	1.83	2.02	0	
0.08	0.00	0	0.08	0.10	0	0	46.903	20.41 %	0.112	0.1098	-0.0077	-	37.5		_		0	2.30	2.49	0	
0.06	0.00	0	0.05	0.07	0	0	199	21.28 %	0.0774	0.0801	-0.006	-					0	2.03	3.65	0	
0.06	0.00	0	0.03	0.06	0	0	72	22.63 %	0.0577	0.06	-0.0051	-	38.5				0	3.20	3.50	0	
0.07	0.00	0	0.01	0.04	0	0	5	22.61 %	0.0349	0.04	-0.0033	-		- ,	4111		0	1.74	5.70	0	
0.00	0.00	0	0.00	0.04	0	0	0	24.04 %	0.0273	0.0307	-0.0029	-					0	2.23	6.45	0	
0.03	0.00	0	0.02	0.03	0	0	40,529	27.20 %	0.0298	0.0292	-0.0035	-	40				0	2.77	6.55	0	
0.00	0.00	0	0.00	0.03	0	0	0	27.21 %	0.0191	0.02	-0.0024	-	40.5	- ,			0	3.30	7.30	0	
0.00	0.00	0	0.00	0.02	0	0	0	27.67 %	0.0131	0.0143	-0.0017		41				0	3.85	7.50	0	
0.00	0.00	0	0.00	0.02	0	0	0	29.58 %	0.0124	0.0127	-0.0018	-					0	4.25	8.35	0	
0.00	0.00	0	0.00	0.03	0	0	0	33.18 %	0.0161	0.0142	-0.0025	-					0	4.80	9.00	0	
0.04	0.00	0	0.00	0.02	0	0	689	33.28 %	0.0112	0.0104	-0.0018	-	42.5				0	5.35	8.90	0	
0.00	0.00	0	0.00	0.02	0	0	0	35.08 %	0.0112	0.0094	-0.0018						0	5.70	10.10	0	
0.00	0.00	0	0.00	0.02	0	0	0	36.85 %	0.0102	0.0087	-0.0018		43.5				0	6.20	10.50	0	
0.00	0.00	0	0.00	0.02	0	0	0	38.58 %	0.0098	0.008	-0.0019	V					0	6.70	11.00	0	
0.00	0.00	0	0.00	0.02	0	0	0	40.28 %	0.0095	0.0074	-0.0019						0	7.20	11.60	0	
0.00	0.00	0	0.00	0.02	0	0	189	41.96 %	0.0093	0.0074	-0.0019	,	44.5		4.4		0	7.70	12.00	0	
0.02	0.00	0	0.00	0.02	0	0	155	49.94 %	0.0092	0.0069	-0.0019	Ţ	47.5	-			0	10.60	14.60	0	
0.01	0.00	0	0.00	0.02	0	0	361	57.35 %	0.0079	0.0031	-0.002	·	50				0	12.95	16.90	0	
0.03	0.00	0	0.00	0.02	0	0	38	70.78 %	0.0058	0.0027	-0.0021	,			4.4		0	17.90	21.80	0	
0.01	0.00	U	0.00	0.02	_	CALLS	30	70.70 /0	0.0036	0.0027	-0.0021	Nov		7 days)	0.00	0.00	U	17.50	21.00		PUTS
0.00	0.00	0	15.85	19.85	0	0	0		0.8979	0.0062	-0.0509	- NOV		r days)	0.05	0.00	0	0.00	0.01	0	1010
17.13	0.00	0	13.25	17.15	0	0	22		0.8824	0.0002	-0.0309	Ţ	20		_		0	0.00	0.01	0	
10.97	0.00	0	10.80	14.90	0	0	7		0.8824	0.0084	-0.046	Ţ	22.5	-			0	0.00	0.02	0	
12.25	0.00	0	8.25	12.15	0	0	111		0.8338	0.0109	-0.0478	, v	-	+ 1			0	0.00	0.02	0	
7.45	0.00	0	5.80	9.95	0	0	189			0.015	-0.0413	V					0	0.02		0	
6.00	0.00	0	3.40	6.40	0	0	1,062		0.7913 0.7924	0.0196	-0.0422	V	30		0.00		0	0.04	0.05	0	
3.16	0.00	0		3.25	0	0	3,368	26.02 %	0.7924	0.0346	-0.0235	Ţ	32.5	-	_		0	0.09	0.11	0	
		0	3.10			0			0.8228			Ţ		-	0.0		0			0	
1.37	0.00	0	1.37 0.41	1.41 0.43	0	0	3,900	23.55 %		0.129	-0.0121	Ţ	35 37.5		1.00		0	1.02	1.06	0	
0.40	0.00	-			0	0	40,487	22.65 %	0.2523	0.1086	-0.0095	Ţ					-	2.55	2.72	-	
0.10	0.00	0	0.09	0.11	0	0	18,359	23.06 %	0.0787	0.049	-0.0044	L	40		4.66	0.00	0	2.78	6.80	0	

3/00/20									Opti	on ona	11. 1 140	iity iiiv	COUNCIN									
Last	Change	Bid Size	Bid	Ask	Ask Size	Volume	Open Int	Imp Vol	Delta	Gamma	Theta	Action	Strike	Acti	ion	Last	Change	Bid Size	Bid	Ask	Ask Size	Volu
0.05	0.00	0	0.02	0.04	0	0	7,380	25.19 %	0.0261	0.0185	-0.0019	-	42.5		-	7.20	0.00	0	5.65	9.10	0	
0.02	0.00	0	0.00	0.03	0		910	28.68 %	0.0126	0.0088	-0.0012	-	45	-	¥	13.00	0.00	0		11.75	0	-
																			7.80			-
0.01	0.00	0	0.00	0.02	0		248	32.51 %	0.0079	0.0051	-0.0009	_	47.5		~	6.95	0.00	0	10.05	14.40	0	
0.01	0.00	0	0.00	0.02	0	0	17	37.37 %	0.007	0.004	-0.0009	_	50		•	0.00	0.00	0	12.55	17.00	0	
0.04	0.00	0	0.00	0.02	0	0	20	46.16 %	0.0058	0.0028	-0.001	-	55		\blacksquare	0.00	0.00	0	17.55	21.90	0	
0.02	0.00	0	0.00	0.02	0	0	47	54.00 %	0.0051	0.0021	-0.001	-	60		\blacksquare	0.00	0.00	0	22.55	27.00	0	
0.04	0.00	0	0.00	0.02	0	0	4	61.05 %	0.0046	0.0017	-0.001	-	65	1	\blacksquare	0.00	0.00	0	27.55	31.90	0	
						CALLS						Jan 1	8 '19 (110	davs)							PUTS
23.42	0.00	0	17.00	21.25	0		10		0.9076	0.0052	-0.0226	_	16.25		-	0.04	0.00	0	0.00	0.03	0	_
16.40	0.00	0			0		60		0.9017	0.0052	-0.0220	▼			÷	0.04		0		0.03	0	-
		-	15.90	19.80									17.5				0.00		0.00		-	-
14.00	0.00	0	14.45	18.85	0	0	0		0.8875	0.007	-0.0228	_	18.75		•	0.06	0.00	0	0.00	0.04	0	
15.38	0.00	0	13.25	17.45	0	0	76		0.8801	0.0082	-0.0213	_	20		•	0.02	0.00	0	0.00	0.04	0	
11.16	0.00	0	12.15	16.20	0	0	26	43.84 %	0.9906	0.0039	-0.0002	-	21.25		\blacksquare	0.05	0.00	0	0.01	0.04	0	
12.23	0.00	0	10.75	14.95	0	0	8		0.8574	0.0108	-0.0204	-	22.5		•	0.03	0.00	0	0.02	0.05	0	
0.00	0.00	0	9.70	13.95	0	0	0	46.59 %	0.9579	0.0104	-0.0029	-	23.75		-	0.05	0.00	0	0.03	0.04	0	
10.40	0.00	0	9.80	11.35	0	0	219	41.14 %	0.9548	0.0124	-0.0027	▼	25		-	0.06	0.00	0	0.05	0.06	0	
10.22	0.00	0	7.75	11.30	0		136	44.07 %	0.9168	0.0185	-0.0053	-	26.25	-	¥	0.08	0.00	0	0.07	0.10	0	-
												<u>.</u>										-
7.94	0.00	0	7.50	8.50	0		3,729	26.67 %	0.9686	0.0144	-0.0011		27.5		~	0.12	0.00	0	0.10	0.12	0	-
8.00	0.00	0	4.70	8.90	0	0	1,166	25.10 %	0.9487	0.0226	-0.0019	_	28.75		•	0.19	0.00	0	0.18	0.19	0	
5.85	0.00	0	5.05	6.15	0	0	2,813	22.64 %	0.9254	0.0334	-0.0024	-	30		\blacksquare	0.30	0.00	0	0.29	0.31	0	_
4.69	0.00	0	3.90	5.00	0	0	1,156	20.98 %	0.8814	0.0504	-0.0034	-	31.25		\blacksquare	0.47	0.00	0	0.45	0.46	0	
3.75	0.00	0	3.50	3.75	0	0	3,210	24.22 %	0.7687	0.0664	-0.0063	-	32.5		•	0.76	0.00	0	0.70	0.73	0) ac
2.72	0.00	0	2.68	2.75	0	0	6,687	23.17 %	0.6775	0.0814	-0.0072	-	33.75		-	1.10	0.00	0	1.06	1.10	0	성
1.92	0.00	0	1.93	1.99	0		64,719	22.54 %	0.5694	0.0913	-0.0077	-	35		¥	1.59	0.00	0	1.56	1.60	0	Feedback
1.31	0.00	0	1.32	1.37	0		20,179	21.97 %	0.4526	0.094	-0.0076	<u> </u>	36.25	-	¥	2.26	0.00	0	2.20	2.25	0	Н.
																					-	_
0.95	0.00	0	0.85	0.90	0		24,911	21.50 %	0.3408	0.0887	-0.0069	_	37.5		•	2.96	0.00	0	2.98	3.05	0	
0.54	0.00	0	0.54	0.58	0	0	6,441	21.52 %	0.2444	0.0756	-0.0059	_	38.75		•	3.85	0.00	0	3.85	4.15	0	
0.34	0.00	0	0.33	0.37	0	0	49,967	21.56 %	0.169	0.0604	-0.0047	-	40		\blacksquare	5.05	0.00	0	4.60	5.35	0	
0.22	0.00	0	0.20	0.24	0	0	6,043	21.77 %	0.1151	0.046	-0.0036	-	41.25		\blacksquare	6.25	0.00	0	5.70	6.60	0	
0.15	0.00	0	0.11	0.14	0	0	14,470	21.65 %	0.0722	0.0327	-0.0025	-	42.5		•	7.45	0.00	0	6.70	7.85	0	
0.07	0.00	0	0.05	0.07	0	0	57,127	23.25 %	0.0363	0.0176	-0.0016	-	45		-	7.75	0.00	0	7.90	12.10	0	_
0.03	0.00	0	0.02	0.04	0	0	12,889	24.69 %	0.0188	0.0095	-0.001	-	47.5		¥	11.15	0.00	0	10.10	14.55	0	_
		0										▼		-	÷			0			0	-
0.03	0.00	-	0.00	0.03	0		22,962	25.88 %	0.0098	0.0052	-0.0006		50			12.50	0.00	-	12.70	16.90	-	-
0.02	0.00	0	0.00	0.03	0		1,552	28.99 %	0.0089	0.0042	-0.0006		52.5		_	10.50	0.00	0	15.20	19.50	0	-
0.02	0.00	0	0.00	0.02	0	0	1,185	30.53 %	0.0059	0.0028	-0.0004	_	55		•	12.65	0.00	0	17.85	21.90	0	
						CALLS						Feb 1	15 '19 (138	days)							PUTS
0.00	0.00	0	15.75	19.95	0	0	0		0.8995	0.0061	-0.0174	-	17.5		\blacksquare	0.00	0.00	0	0.00	0.03	0	
0.00	0.00	0	13.20	17.60	0	0	0		0.8774	0.008	-0.0176	-	20		\blacksquare	0.02	0.00	0	0.01	0.04	0	
0.00	0.00	0	10.80	15.00	0	0	0		0.8565	0.0108	-0.0164	-	22.5		-	0.29	0.00	0	0.03	0.06	0	
0.00	0.00	0	8.35	12.70	0	0	0	33.54 %	0.9683	0.0106	-0.0012	▼	25		-	0.11	0.00	0	0.08	0.11	0	
8.60	0.00	0	6.30	9.85	0		16	27.30 %	0.9498	0.0186	-0.0017	-	27.5		¥	0.20	0.00	0	0.18	0.21	0	-
												<u>.</u>			÷						0	-
5.85	0.00	0	3.90	7.65	0		21	24.71 %	0.8845	0.0376	-0.0034		30			0.42	0.00	0	0.41	0.45		-
3.95	0.00	0	3.75	3.90	0		14	24.34 %	0.7472	0.0614	-0.0059	_	32.5		•	0.90	0.00	0	0.90	0.94	0	
2.27	0.00	0	2.21	2.29	0	0	441	23.35 %	0.5673	0.0779	-0.007	_	35		•	1.80	0.00	0	1.80	1.85	0	
1.14	0.00	0	1.14	1.21	0	0	4,673	22.68 %	0.3748	0.0769	-0.0066	-	37.5		\blacksquare	3.15	0.00	0	3.20	3.30	0	
0.52	0.00	0	0.52	0.55	0	0	3,649	22.20 %	0.2116	0.0599	-0.0049	-	40		$\overline{}$	3.95	0.00	0	5.10	5.25	0	
0.24	0.00	0	0.21	0.24	0	0	1,703	22.05 %	0.1061	0.0381	-0.0031	-	42.5		•	6.45	0.00	0	5.45	9.05	0	
0.13	0.00	0	0.09	0.11	0	0	46	22.61 %	0.0526	0.0217	-0.0018	-	45		-	0.00	0.00	0	7.55	12.00	0	
0.00	0.00	0	0.04	0.07	0	0	0	23.98 %	0.0299	0.0129	-0.0012	-	47.5		-	0.00	0.00	0	10.05	14.50	0	
												-		-	¥						0	-
0.06	0.00	0	0.02	0.04	0		102	25.09 %	0.0169	0.0076	-0.0008		50	de:		0.00	0.00	0	12.55	17.00	U	
						CALLS							5 '19 (166	aays						_		PUTS
0.00	0.00	0	15.70	20.10	0	0	0		0.898	0.006	-0.0147	_	17.5		•	0.00	0.00	0	0.00	0.03	0	
0.00	0.00	0	13.20	17.45	0		0		0.8808	0.0082	-0.0136	_	20		~	0.00	0.00	0	0.02	0.05	0	
0.00	0.00	0	10.80	15.00	0	0	0	-	0.8577	0.0108	-0.0132	_	22.5		•	0.18	0.00	0	0.05	0.08	0	
13.00	0.00	0	8.50	12.55	0	0	2	29.46 %	0.971	0.0101	-0.0007	-	25		•	0.10	0.00	0	0.12	0.15	0	
8.23	0.00	0	6.10	9.95	0	0	3	21.74 %	0.967	0.015	-0.0006	-	27.5		-	0.25	0.00	0	0.24	0.27	0	
5.80	0.00	0	3.95	7.95	0		29	25.28 %	0.8598	0.0374	-0.0036	-	30	1	¥	0.57	0.00	0	0.52	0.56	0	
4.20	0.00	0	3.95	4.10	0		4,910	24.21 %	0.736	0.0569	-0.0053	-	32.5	1	¥	1.07	0.00	0	1.05	1.09	0	
												<u> </u>		-	Ť							
2.49	0.00	0	2.46	2.51	0		16,648	23.32 %	0.5728	0.0707	-0.0063		35			2.05	0.00	0	1.97	2.02	0	_
1.38	0.00	0	1.35	1.41	0		586	22.62 %	0.3962	0.0714	-0.0061		37.5		~	3.45	0.00	0	3.35	3.45	0	
0.71	0.00	0	0.67	0.71	0	0	2,474	22.12 %	0.2417	0.0591	-0.0048	_	40		•	5.30	0.00	0	5.15	5.30	0	
0.38	0.00	0	0.30	0.34	0	0	491	21.95 %	0.1324	0.0409	-0.0033	-	42.5		\blacksquare	8.65	0.00	0	5.90	9.35	0	
0.16	0.00	0	0.14	0.16	0	0	75	22.24 %	0.0699	0.0252	-0.0021	-	45		•	0.00	0.00	0	7.55	11.95	0	
0.10	0.00	0	0.06	0.09	0	0	12	22.89 %	0.0377	0.015	-0.0013	-	47.5	1	•	0.00	0.00	0	10.05	14.50	0	
						CALLS						Apr 1	8 '19 (200	davs)							PUTS
0.00	0.00	0	10.85	15.05	0		0	27.99 %	0.9936	0.0035	0.00		22.5	,,	, 	0.00	0.00	0	0.08	0.12	0	_
0.00	0.00	0	8.45	12.65	0		0	27.48 %	0.9715	0.0033	-0.0005	▼	25	-	÷	0.14	0.00	0	0.17	0.12	0	
												<u>▼</u>		-							-	_
9.10	0.00	0	6.15	10.35	0		5	26.70 %	0.9246	0.0214	-0.0019		27.5		_	0.34	0.00	0	0.34	0.37	0	_
7.61	0.00	0	5.95	6.35	0		12	26.08 %	0.8417	0.0366	-0.0037	~	30		•	0.69	0.00	0	0.67	0.71	0	
4.40	0.00	0	4.05	4.35	0	0	416	24.17 %	0.7285	0.0538	-0.0049	_	32.5		•	1.24	0.00	0	1.26	1.31	0	
2.82	0.00	0	2.67	2.74	0	0	111	23.55 %	0.5757	0.0649	-0.0058	-	35		\blacksquare	2.24	0.00	0	2.20	2.26	0	
1.58	0.00	0	1.54	1.59	0	0	527	22.67 %	0.4113	0.0667	-0.0056	-	37.5		\blacksquare	3.58	0.00	0	3.55	3.65	0	
0.82	0.00	0	0.83	0.88	0	0	111	22.33 %	0.2675	0.0571	-0.0047	-	40	1	•	5.50	0.00	0	5.30	5.40	0	
0.44	0.00	0	0.42	0.45	0		73	22.14 %	0.1588	0.0423	-0.0034	-	42.5	1	¥	5.45	0.00	0	5.40	9.45	0	
0.44	0.00	0	0.42	0.23	0		64	22.28 %	0.0903	0.0423	-0.0023	▼	45	1	÷	8.55	0.00	0	7.75	11.85	0	
												<u> </u>		-	÷							
0.12	0.00	0	0.10	0.13	0	0	2	22.71 %	0.0514	0.0179	-0.0015		47.5		*	0.00	0.00	0	10.05	14.50	0	

Last	<u>Change</u>	Bid Size	Bid	Ask	Ask Size	Volume	Open Int	Imp Vol	Delta	Gamma	Theta	Action	Strike	Action	Last	Change	Bid Size	Bid	<u>Ask</u>	Ask Size	Volu	
					(CALLS						Jun	21 '19 (264	days)							PUTS	
0.00	0.00	0	15.85	19.85	0	0	0		0.903	0.0062	-0.0081	-	17.5	-	0.14	0.00	0	0.04	0.07	0		
13.07	0.00	0	13.30	17.45	0	0	5		0.8825	0.0082	-0.0081	~	20	-	0.09	0.00	0	0.08	0.11	0		
0.00	0.00	0	11.00	15.00	0	0	0	28.46 %	0.9828	0.006	0.00	-	22.5	-	0.15	0.00	0	0.15	0.18	0		
10.85	0.00	0	8.70	12.70	0	0	81	29.01 %	0.9442	0.0138	-0.0011	_	25	_	0.29	0.00	0	0.28	0.31	0		
8.65	0.00	0	7.35	8.90	0	0	475	19.42 %	0.954	0.0178	-0.0005	~	27.5		0.52	0.00	0	0.51	0.56	0		
6.71	0.00	0	6.00	6.85	0	0	1,455	25.97 %	0.8154	0.0349	-0.0034	_	30	_	1.00	0.00	0	0.92	0.97	0		
4.50	0.00	0	4.60	4.70	0	0	799	24.96 %	0.7086	0.0464	-0.0045	_	32.5		1.61	0.00	0	1.59	1.64	0		
3.10	0.00	0	3.15	3.25	0	0	8,251	24.31 %	0.5797	0.0541	-0.0051	_	35	_	2.61	0.00	0	2.58	2.63	0		
2.11	0.00	0	2.03	2.08	0	0	11,634	23.50 %	0.4435	0.0564	-0.0051		37.5	_	4.00	0.00	0	3.90	4.00	0		
1.30	0.00	0	1.23	1.27	0	0	5,738	22.96 %	0.3161	0.052	-0.0045		40	_	5.55	0.00	0	5.60	5.70	0		
0.80	0.00	0	0.72	0.75	0	0	2,299	22.79 %	0.2124	0.0427	-0.0036	_	42.5	T	6.90	0.00	0	7.45	8.00	0		
0.46	0.00	0	0.41	0.44	0	0	168	22.72 %	0.1374	0.0324	-0.0027	<u> </u>	45	Y	7.85	0.00	0	7.90	11.95	0		
0.46	0.00	0	0.23	0.26	0	0	11 7	22.86 %	0.0868	0.0231	-0.002	Ţ	47.5 50	÷	16.10	0.00	0	10.35	14.35	0		
0.23	0.00	U	0.13	0.16		CALLS	,	23.22 %	0.0551	0.016	-0.0014		17 '20 (474		0.00	0.00	U	12.55	17.00	-	PUTS	
19.60	0.00	0	15.55	20.20	0	0	23		0.9026	0.0059	-0.0045	Jan 🔻	17.5	uays)	0.15	0.00	0	0.15	0.20	0	1010	
15.62	0.00	0	13.35	18.00	0	0	423	34.80 %	0.9625	0.003	-0.0002	·	20	+ +	0.13	0.00	0	0.15	0.20	0		
13.39	0.00	0	11.10	15.65	0	0	45	31.61 %	0.9389	0.0108	-0.0007	-	22.5	-	0.48	0.00	0	0.43	0.48	0		
11.30	0.00	0	9.15	13.25	0	0	303	29.49 %	0.902	0.016	-0.0014	-	25	-	0.74	0.00	0	0.70	0.76	0		
9.30	0.00	0	8.65	9.85	0	0	1,553	28.76 %	0.8438	0.0221	-0.0022	-	27.5	-	1.16	0.00	0	1.11	1.16	0		
7.20	0.00	0	7.25	7.50	0	0	11,232	27.12 %	0.7769	0.0289	-0.0029	-	30	-	1.72	0.00	0	1.70	1.76	0	Feedback	
5.70	0.00	0	5.65	5.75	0	0	14,817	25.83 %	0.6931	0.0354	-0.0034	-	32.5	-	2.50	0.00	0	2.49	2.57	0	ed p	
4.50	0.00	0	4.25	4.40	0	0	6,091	25.13 %	0.5978	0.0399	-0.0037	-	35	-	3.65	0.00	0	3.55	3.65	0	ě	
3.15	0.00	0	3.15	3.25	0	0	4,056	24.58 %	0.4991	0.0419	-0.0038	-	37.5	-	5.00	0.00	0	4.85	4.95	0		
2.30	0.00	0	2.28	2.36	0	0	4,519	24.21 %	0.4039	0.0412	-0.0037	-	40	-	6.47	0.00	0	6.45	6.55	0		
1.65	0.00	0	1.61	1.68	0	0	3,855	23.85 %	0.3176	0.0384	-0.0034	~	42.5	-	7.70	0.00	0	8.25	8.35	0		
1.21	0.00	0	1.12	1.19	0	0	950	23.65 %	0.2442	0.034	-0.003	-	45	-	10.20	0.00	0	10.05	10.65	0		
0.85	0.00	0	0.77	0.82	0	0	934	23.49 %	0.1831	0.0289	-0.0025	_	47.5	_	14.54	0.00	0	10.40	14.85	0		
0.55	0.00	0	0.52	0.58	0	0	731	23.44 %	0.1362	0.0238	-0.002	~	50		15.32	0.00	0	12.85	17.00	0		
0.50	0.00	0	0.25	0.30	0	0	946	23.76 %	0.0757	0.0153	-0.0013	~	55	_	17.60	0.00	0	17.30	22.00	0		
0.15	0.00	0	0.12	0.18	0	0	889	24.36 %	0.0442	0.0098	-0.0009		60	_	26.15	0.00	0	22.50	27.20	0		
						CALLS							15 '21 (838						P			
17.00	0.00	0	13.50	18.20	0	0	42	27.15 %	0.9747	0.0071	0.00		20	_	0.00	0.00	0	0.37	1.22	0		
13.83	0.00	0	11.50	16.20	0	0	57	27.74 %	0.9355	0.0113	-0.0003	_	22.5	_	0.00	0.00	0	0.50	1.49	0		
0.00	0.00	0	9.60	14.15	0	0	0	26.67 %	0.8944	0.0156	-0.0008	▼	25	*	1.25	0.00	0	1.07	1.40	0		
10.58	0.00	0	8.55	11.75	0	-	8	26.62 %	0.8382	0.0199	-0.0014		27.5		1.80	0.00	0	1.59	2.40	-		
8.50 7.13	0.00	0	7.10 6.10	10.00 8.50	0	0	18 18	26.19 % 28.84 %	0.776	0.024	-0.0019 -0.0026	▼	30 32.5	▼	2.70 3.52	0.00	0	2.60	2.94 3.70	0		
5.90	0.00	0	5.50	6.10	0	0	128	28.84 %	0.7048	0.0247	-0.0026	¥	32.5	Ť	4.00	0.00	0	3.85	4.80	0		
5.00	0.00	0	3.55	5.95	0	0	34	25.08 %	0.5633	0.0306	-0.0025	· ·	37.5	Ť	0.00	0.00	0	5.20	6.80	0		
3.90	0.00	0	2.61	5.00	0	0	81	24.92 %	0.3633	0.0328	-0.0027	· ·	40	÷	7.20	0.00	0	6.60	8.45	0		
3.00	0.00	0	1.93	4.15	0	0	4	24.49 %	0.4908	0.0326	-0.0027	· ·	42.5	Ţ	0.00	0.00	0	8.10	10.25	0		
2.41	0.00	0	2.31	3.50	0	0	21	26.57 %	0.4223	0.0324	-0.0027	· ·	42.5	÷	0.00	0.00	0	9.90	12.10	0		
2.63	0.00	0	1.63	2.92	0	0	54	25.92 %	0.3288	0.0289	-0.0029	<u> </u>	47.5	<u> </u>	11.30	0.00	0	11.95	14.10	0		
1.45	0.00	0	1.16	3.65	0	0	6	25.67 %	0.2793	0.0261	-0.0025	-	50	-	0.00	0.00	0	12.85	17.50	0		
1.00	0.00	0	0.52	1.78	0	0	11	25.30 %	0.1969	0.0218	-0.002		55	-	0.00	0.00	0	17.60	21.80	0		
	5.50	Ū	0.02		U			20.00 /0	3550	0.0210	0.002				0.00	5.50	U		0	U		

in the money

-- not available

Option Strategy Plots provided by Dash Financial Technologies LLC

*Greeks are mathematical calculations used to determine the effect of various factors on options.

Options trading entails significant risk and is not appropriate for all investors. Prior to trading options, you must receive a copy of Characteristics and Risks of Standardized Options [2], which is available from Fidelity Investments, and be approved for options trading. Supporting documentation for any claims, if applicable, will be furnished upon request.

For options traded on an Exchange, Fidelity will attempt to show better price indications and provide better fills for your orders than those available by trading in the individual legs.

Certain market conditions may impact eligibility for NBBO pricing, including orders entered during fast market conditions, orders entered when a security has halted trading, and orders entered when circumstances result in a non-firm quote condition.

News, commentary, data, charts, research reports, ratings and analyst opinions and other information provided on this page are provided by third-parties unaffliated with Fidelity and are intended for research purposes to help self-directed investors evaluate many types of securities. All information supplied or obtained from this page is for informational purposes only and should not be considered investment advice or guidance, an offer of or a solicitation of an offer to buy or sell a security, or a recommendation or endorsement by Fidelity of any security or investment strategy. Fidelity does not endorse or adopt any particular investment strategy, any analyst opinion/rating/report or any approach to evaluating individual securities. Fidelity makes no guarantees that information supplied is accurate, complete, or timely, and does not provide any warranties regarding results obtained from its use.



© 1998 - 2018 FMR LLC.
 All rights reserved.

Terms of Use Privacy Security Site Map