

### 13F Option Holders Specification

The Cboe LiveVol Trade-Alert 13F data is compiled from regulatory filings available at <https://www.sec.gov/edgar.shtml> and market data published by The Options Clearing Corporation.

For more information see <http://www.sec.gov/divisions/investment/13ffaq.htm>

Filing instructions at <http://www.sec.gov/about/forms/form13f.pdf>

Sample file name: TA13F\_comp\_YYYYMMDD.tsv.gz (tab-delimited values)

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Data is compiled from quarterly filings submitted by institutional investment managers pursuant to Section 13(f) of the Securities Exchange Act of 1934.

Field #	Column	Column Name	Data Type	Field Description
1	A	Filer	String	Filer name
2	B	ShortName	String	Shortened filer name
3	C	FilingDate	Date	Date of last filing
4	D	QuarterEnd	Date	Quarter of last filing
5	E	Symbol	String	Underlying symbol
6	F	PctOI	Numeric	% of total symbol Open Interest on filing date
7	G	Puts	Integer	Total Puts reported
8	H	PutsChg	Integer	Change in Puts from previous quarter
9	I	PutsMktVal	Numeric	Put dollar value reported
10	J	PutsMktValChg	Numeric	Change in Put value from previous quarter
11	K	Calls	Integer	Total Calls reported
12	L	CallsChg	Integer	Change in Calls from previous quarter
13	M	CallsMktVal	Numeric	Call dollar value reported
14	N	CallsMktValChg	Numeric	Change in Call value from previous quarter
15	O	Shares	Numeric	Total Equity Shares reported
16	P	SharesChg	Numeric	Change in Equity Shares from previous quarter
17	Q	SharesMktVal	Numeric	Equity Shares dollar value reported
18	R	SharesMktValChg	Numeric	Change in Equity Shares value from previous quarter
19	S	StateInc	String	Filer state of incorporation
20	T	Address	String	Filer street address
21	U	City	String	Filer city
22	V	State	String	Filer state
23	W	ZipCode	String	Filer zip
24	X	Phone	String	Filer phone
25	Y	CIK	Integer	SEC central index key