

U.S. CONSOLIDATED TAPE DATA

The statistics below represent Population, Quote and Trade metrics as provided by the Securities Information Processors (SIPs) and the SIP Administrators responsible for disseminating Level 1 trade and quote information in New York Stock Exchange ("Tape A"), NYSE Arca and NYSE Amex ("Tape B") and NASDAQ ("Tape C") listed securities traded on participating U.S. exchanges.¹ The Consolidated Tape Association (CTA) (for Tape A and B) and the UTP Plan (for Tape C) have provided this information as a means to increase transparency related to the activities of the U.S. consolidated tape plans.

CONSOLIDATED DATA QUARTERLY OPERATING METRICS REPORT

SUBSCRIBER/ HOUSEHOLD METRICS	4Q13	CHANGE % YEAR/YEAR
Tape A:		
Capped non-professional subscribers (quarter-end)	2,717,211	29.2%
Quote usage (total; excludes capped subscribers)	709,027,277	21.3%
Professional subscribers (quarter-end)	312,562	-7.5%
Number of households (quarter-end)	143,088,657	5.2%
Tape B:		
Capped non-professional subscribers (quarter-end)	1,251,657	18.7%
Quote usage (total; excludes capped subscribers)	227,386,864	64.9%
Professional subscribers (quarter-end)	236,425	-5.2%
Number of households (quarter-end)	53,256,000	0.0%
Tape C:		
Capped non-professional subscribers (quarter-end)	2,691,760	29.7%
Quote usage (total; excludes capped subscribers)	671,811,184	15.3%
Professional subscribers (quarter-end)	292,417	-13.0%
Number of households (quarter-end)	146,299,313	6.9%

Definitions

- 1) Capped non-professionals includes data usage by those defined pursuant to the Non-Professional Subscriber policy (<http://www.nyxdata.com/Docs/Market-Data/Policies>) paying the flat per subscriber rate. Includes non-professionals paying on a per-quote basis that are capped at \$1.00/month.
- 2) Quotes include data usage for those professionals that choose to report on a per-quote-packet basis as well as non-professionals that are not capped at \$1.00/month.
- 3) Professional subscribers are deemed to be those that do not meet the criteria defined pursuant to the Non-Professional Subscriber policy paying on a per device basis.
- 4) Number of households provides an estimate of households reached based on vendor reporting of television broadcast data.

SIP TECHNOLOGY/MESSAGE RATE METRICS	4Q13
QUOTE METRICS	
Tape A/B:	
Peak Quotes Per Second	580,870
Avg. Quotes Per Second (quarter-end)	314,814
Avg. Quotes Per Day (quarter-end)	487,426,370
Avg. Quote Latency (quarter-end)	0.38 ms
Tape C:	
Peak Quotes Per Second	220,005
Avg. Quotes Per Day	103,262,857
Avg. Quote Latency	1.17 ms
TRADE METRICS	
Tape A/B:	
Peak Trades Per Second	91,120
Avg. Trades Per Second (quarter-end)	47,466
Avg. Trades Per Day (quarter-end)	21,457,841
Avg. Trade Latency (quarter-end)	0.47 ms
Tape C:	
Peak Trades Per Second	71,133
Avg. Trades Per Day	9,647,865
Avg. Trade Latency	1.30 ms

Definitions

Record Information

Peak Quotes/Trades Per Second = historic 1-second peak

Average for Last Month of the Quarter

Avg. Quotes/Trades Per Second = average 1-second peak

Avg. Quotes/Trades Per Day = average daily total

Avg. Quote/Trade Latency = average time from when messages are received from Participants to when results are sent out by the system

¹ CURRENT MEMBERS OF THE TAPE PLANS INCLUDE: BATS EXCHANGE, CHICAGO BOARD OPTIONS EXCHANGE, CHICAGO STOCK EXCHANGE, DIRECT EDGE, FINRA, INTERNATIONAL SECURITIES EXCHANGE, NASDAQ OMX BX, NASDAQ OMX PHLX, NATIONAL STOCK EXCHANGE, NYSE, NYSE AMEX, NYSE ARCA, AND THE NASDAQ STOCK MARKET. © COPYRIGHT 2014, THE NASDAQ OMX GROUP, INC. ALL RIGHTS RESERVED.