

MARKET INDICATORS



		MARKET SHARE	COVERAGE (80%)*	AUCTION LIQUIDITY*	AVG DAILY NO. of TRADES	Average Trading Size (ATS)	Bid-ASK Spread (VWAS in bp)	% time at BEST BID & OFFER*	% time at BEST BID & OFFER with greatest size*
AEX	EURONEXT	73.3%	45%	6.6	4 916	9 515	6.1	38%	24%
	CHI-X	19.9%	38%		1 921	5 967	5.9	39%	12%
	TURQUOISE	4.2%	49%		496	5 347	14.2	14%	1%
	BATS	4.0%	39%		504	5 078	7.4	15%	2%
	NASDAQ OMX	0.6%	41%		94	3 434	27.5	2%	0%
BEL20	EURONEXT	80.3%	35%	7.3	2 195	7 256	7.5	52%	39%
	CHI-X	12.4%	25%		498	4 934	9.8	19%	4%
	TURQUOISE	3.4%	22%		141	4 890	29.6	5%	1%
	BATS	3.4%	11%		160	4 490	21.0	4%	1%
	NASDAQ OMX	0.4%	25%		24	4 041	-	2%	1%
CAC40	EURONEXT	73.0%	56%	10.2	6 631	10 145	5.7	34%	20%
	CHI-X	16.3%	51%		2 647	5 685	5.8	35%	9%
	TURQUOISE	4.4%	56%		725	5 618	10.6	14%	1%
	BATS	5.3%	47%		950	5 101	8.7	17%	3%
	NASDAQ OMX	0.9%	49%		208	4 159	-	3%	1%
DAX	XETRA	75.7%	49%	5.5	4 117	20 525	6.5	22%	14%
	CHI-X	15.9%	49%		2 705	6 569	4.7	38%	13%
	TURQUOISE	4.4%	52%		749	6 566	10.7	14%	3%
	BATS	3.5%	43%		646	6 327	9.3	9%	1%
	NASDAQ OMX	0.5%	49%		185	3 420	-	4%	1%
FTSE 100	LSE	67.2%	40%	5.1	3 416	11 858	7.1	65%	27%
	CHI-X	20.3%	41%		2 027	5 229	7.1	64%	12%
	TURQUOISE	6.6%	44%		721	4 735	12.2	40%	2%
	BATS	4.6%	41%		530	4 496	17.8	44%	1%
	NASDAQ OMX	1.3%	35%		175	3 789	-	20%	1%
SLI (30)	SIX	83.3%	34%	7.6	2 903	17 768	9.0	38%	21%
	CHI-X	8.4%	44%		725	10 278	10.6	30%	10%
	TURQUOISE	7.8%	32%		440	11 330	10.7	27%	8%
	BATS	0.5%	35%		128	6 199	-	3%	1%
	NASDAQ OMX	0.4%	26%		48	7 816	-	3%	1%
EUROSTOXX 50	CHI-X	12.2%	58%		4 073	7 629	5.5	42%	11%
	TURQUOISE	2.7%	55%		1 016	7 846	2.8	19%	3%
	BATS	3.0%	54%		1 205	6 659	9.0	21%	1%
	NASDAQ OMX	0.5%	50%		161	4 759	-	3%	1%

Reference period: 1 July to 31 July 2009

* Exclusive CA Cheuvreux - TAG

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		MARKET SHARE	COVERAGE (80%)*	AUCTION LIQUIDITY*	AVG DAILY NO. of TRADES	Average Trading Size (ATS)	Bid-ASK Spread (VWAS in bp)	% time at BEST BID & OFFER*	% time at BEST BID & OFFER with greatest size*
AEX	EURONEXT	72.2%	48%	6.3	5 318	10 168	7.0	41%	26%
	CHI-X	17.0%	41%		1 915	6 655	6.4	32%	6%
	TURQUOISE	6.7%	51%		921	5 442	12.7	25%	5%
	BATS	3.5%	35%		474	5 498	20.5	12%	1%
	NASDAQ OMX	0.6%	46%		111	3 846	-	0%	0%
BEL20	EURONEXT	82.4%	34%	5.3	2 962	7 749	9.8	58%	45%
	CHI-X	11.2%	33%		634	4 930	16.6	22%	5%
	TURQUOISE	3.4%	22%		196	4 859	38.2	5%	1%
	BATS	2.7%	13%		172	4 571	-	4%	1%
	NASDAQ OMX	0.3%	30%		27	3 964	-	0%	0%
CAC40	EURONEXT	73.0%	58%	9.2	6 891	10 569	6.0	35%	22%
	CHI-X	15.6%	53%		2 597	5 998	5.8	33%	6%
	TURQUOISE	6.4%	60%		1 176	5 415	13.0	24%	4%
	BATS	4.1%	46%		722	5 662	-	12%	2%
	NASDAQ OMX	0.9%	56%		209	4 428	-	3%	1%
DAX	XETRA	73.6%	50%	5.5	4 043	21 609	6.8	24%	16%
	CHI-X	16.8%	46%		2 815	7 100	4.4	35%	12%
	TURQUOISE	5.4%	53%		1 073	6 039	11.0	17%	5%
	BATS	3.7%	42%		728	6 142	-	8%	1%
	NASDAQ OMX	0.5%	52%		168	3 441	-	3%	1%
FTSE 100	LSE	67.0%	42%	5.2	3 500	12 136	7.1	61%	29%
	CHI-X	19.5%	41%		2 029	5 224	7.3	57%	10%
	TURQUOISE	8.1%	47%		908	4 773	15.9	42%	5%
	BATS	4.1%	43%		517	4 262	-	37%	1%
	NASDAQ OMX	1.2%	34%		155	4 218	-	15%	1%
SLI (30)	SIX	83.6%	35%	7.0	3 126	19 397	9.1	38%	34%
	CHI-X	9.0%	40%		870	10 320	11.7	35%	10%
	TURQUOISE	7.0%	32%		503	10 435	15.8	27%	8%
	BATS	0.5%	36%		130	6 705	-	5%	3%
	NASDAQ OMX	0.4%	27%		53	7 250	-	3%	1%
EUROSTOXX 50	CHI-X	12.5%	60%		4 073	7 058	5.4	32%	10%
	TURQUOISE	3.7%	58%		1 016	7 474	11.1	26%	4%
	BATS	2.8%	53%		1 205	6 347	23.3	22%	1%
	NASDAQ OMX	0.5%	50%		161	4 790	-	3%	1%

Reference period: 1 August to 31 August 2009

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COMMENTS:

Now that many firms have SOR available, **the market share of a trading venue which is improving its bid-ask spread and its presence at best bid and offer, increases automatically.**

This can explain why Euronext maintained its market share between June and August (on CAC40, BEL20 and AEX indices), as Xetra suffered from a drop of 4% in two months on the DAX (from 76.5 to 73.6% as its presence on BBO decreased from 25% in June to 22% in July and its bid-ask spread increased from 6.5 bp in July to 6.8 in August). The increase of intra day volatility seen in August favoured primary markets but **it was insufficient to stop the fall of the LSE's market share on the FTSE 100** (from 69% to 67% in two months).

Looking at MTFs, **Chi-x confirmed its first place as MTF and third place among all venues, well ahead of Deutsche Borse.** Its strong position is well balanced between all segments covered.

In the second league, Turquoise's market share has reached almost 5% while BATS' is slightly under 3% of the total share. The temporary pricing policies of BATS seem unable to establish a regular increase of its market share: on the CAC 40 Turquoise's increased market share (3% in two months) came at the expense of BATS, which saw a decrease.

Good performance of Nasdaq OMX with a progression to a global market share on considered indices of 0,8%, confirmed by their excellent numbers on the coverage and their presence at EBBO.

Some MTFs do not succeed in offering a regular bid-ask presence on all the stocks of a considered index. This phenomenon began in June with WOV on the DAX for Turquoise and BATS.

As it induces a bias in the computed Volume Weighted Average Spread (VWAS), we decided not to display VWAS greater than five times the best one due to such an effect (NASDAQ OMX and BATS come within this scenario more often than other MTFs).

Future Trends: The impact of **several new initiatives on pricing must be monitored in the upcoming months:** LSE is adopting a pricing policy which penalises high frequency trading that could negatively impact fragmentation, whilst BATS' answer is special pricing on the same segment. Meanwhile, Chi-x is offering an autumn pricing promotion which targets newcomers. **Following the current trend, the LSE could cross the 60% threshold at the end of January 2010.**

DEFINITIONS:

Market share

For local main indices, this is the ratio of the venue's turnover over the sum of the turnover of all the four considered venues. For the Eurostoxx 50, it is the ratio of the venue's turnover over the sum of the turnover of all venues trading Eurostoxx 50 components.

Coverage

This indicator is inspired by the "inequality measure", also called the Pareto principle or the 80:20 rule: when 80% of an activity is concentrated on 20% or less of its players, this activity is clearly not well balanced. The coverage indicator assesses the "20%" part of this rule of thumb for exchanges. The closer to 80% it is, the more the venue offers balanced liquidity from one stock to another.

Auction liquidity

This is the ratio of the proportion of the turnover traded during auctions by the typical time ratio between the continuous auction phase (generally 8½ hours) and the fixing auctions (usually two 5-minute phases), which is less than 2%. It is only available for primary exchanges. The higher it is, the more turnover one will find during auctions.

Average daily number of trades

The higher it is, the more chance an investor has to be present when a trade happens. *Contrary to block venues, the granularity of a venue is a must to attract different order flows.*

Average trading size (ATS)

Mean trading size in euros. This can be considered as the "natural size" of orders on the venue.

Bid-Ask Spread (Volume Weighted Average Spread)

The average spread when a trade occurs, weighted by the turnover of the trade. It is the bid-ask spread from the liquidity provider's point of view.

% Time at EBBO at Best Bid and Offer

This is the proportion of the day during which the venue offers a spread equal to the EBBO.

% Time at EBBO at Best Bid and Offer with Greatest Size

This is the proportion of the day during which the venue offers the greatest sizes at a spread equal to the EBBO.

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