

# Global Trading Costs & Trade Flows

## DEVELOPED MARKETS

Region	Trading Cost <sup>1</sup> (BPS)	Trade Flow <sup>1,2</sup> (\$,Million)	Trade Flow Ratio <sup>3</sup> (buy/sell,%)	Net Trade Flow <sup>4</sup> (\$,Million)
MSCI_World	(28)	223,633	92%	-\$9,091
MSCI_N_America	(27)	157,480	94%	-\$4,940
MSCI_EAFE	(31)	66,153	88%	-\$4,151
MSCI_Europe	(28)	46,062	85%	-\$3,835
MSCI_EMU	(26)	31,137	82%	-\$3,144
MSCI_Pacific	(40)	19,970	97%	-\$254
MSCI_Far_East	(39)	16,636	94%	-\$499

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MSCI_US	(27)	143,577	93%	-\$5,083
MSCI_CA	(25)	13,904	102%	\$142
MSCI_JP	(38)	12,141	85%	-\$970
MSCI_FR	(29)	10,284	88%	-\$646
MSCI_DE	(28)	9,737	87%	-\$691
MSCI_GB	(38)	6,632	78%	-\$813
MSCI_CH	(28)	5,253	89%	-\$294
MSCI_AU	(44)	3,268	118%	\$273
MSCI_NL	(37)	3,229	62%	-\$750
MSCI_HK	(42)	3,184	134%	\$464
MSCI_ES	(11)	2,736	63%	-\$617
MSCI_IT	(25)	2,349	92%	-\$93
MSCI_SE	(24)	1,627	122%	\$164
MSCI_SG	(42)	1,311	101%	\$8
MSCI_FI	(12)	1,166	69%	-\$216

Sector	Trading Cost <sup>1</sup> (BPS)	Trade Flow <sup>1,2</sup> (\$,Million)	Trade Flow Ratio <sup>3</sup> (buy/sell,%)	Net Trade Flow <sup>4</sup> (\$,Million)
Financials	(30)	38,918	101%	\$135
Resources	(31)	30,266	95%	-\$792
Consumer Cyclical	(32)	30,141	98%	-\$251
Information Technology	(21)	27,695	89%	-\$1,602
Industrials	(26)	25,055	86%	-\$1,957
Health	(30)	20,767	85%	-\$1,660
Consumer Non-Cyclical	(25)	19,220	90%	-\$1,023
Basic Materials	(35)	14,789	99%	-\$100
Telecom Services	(23)	8,020	89%	-\$476
Utilities	(18)	7,664	76%	-\$1,048

## EMERGING MARKETS

Region	Trading Cost <sup>1</sup> (BPS)	Trade Flow <sup>1,2</sup> (\$,Million)	Trade Flow Ratio <sup>3</sup> (buy/sell,%)	Net Trade Flow <sup>4</sup> (\$,Million)
MSCI_Emerging_Market	(45)	27,393	102%	\$208
MSCI_EM_Asia	(45)	20,757	103%	\$310
MSCI_EMFE	(41)	18,592	108%	\$694
MSCI_BRIC	(49)	13,007	104%	\$253
MSCI_EM_Latin_America	(55)	3,298	103%	\$54
MSCI_Europe_Mid_East	(44)	1,670	99%	-\$12
MSCI_EM_Europe	(44)	1,670	99%	-\$12
MSCI_Eastern_Europe	(31)	668	132%	\$92

Country	Trading Cost <sup>1</sup> (BPS)	Trade Flow <sup>1,2</sup> (\$,Million)	Trade Flow Ratio <sup>3</sup> (buy/sell,%)	Net Trade Flow <sup>4</sup> (\$,Million)
MSCI_CN	(43)	8,478	114%	\$554
MSCI_KR	(31)	5,364	108%	\$218
MSCI_TW	(42)	3,038	103%	\$44
MSCI_BR	(46)	2,358	107%	\$79
MSCI_IN	(75)	2,165	70%	-\$384
MSCI_ZA	(39)	1,608	85%	-\$127
MSCI_TR	(52)	1,002	81%	-\$104

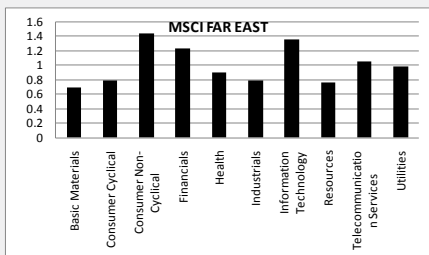
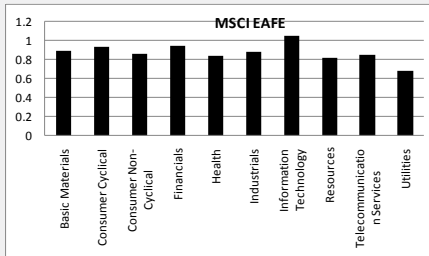
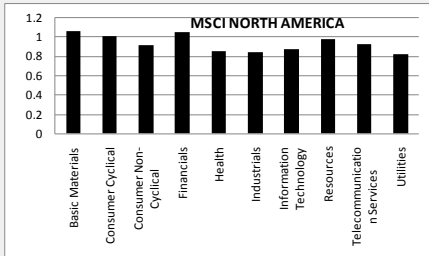
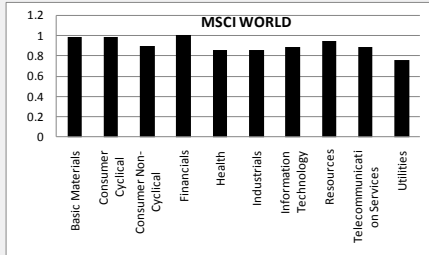
Sector	Trading Cost <sup>1</sup> (BPS)	Trade Flow <sup>1,2</sup> (\$,Million)	Trade Flow Ratio <sup>3</sup> (buy/sell,%)	Net Trade Flow <sup>4</sup> (\$,Million)
Financials	(42)	7,313	99%	-\$39
Information Technology	(29)	3,584	96%	-\$77
Resources	(24)	3,225	100%	-\$1
Consumer Cyclical	(69)	3,109	144%	\$563
Basic Materials	(62)	2,605	110%	\$125
Telecom Services	(43)	2,601	83%	-\$240
Industrials	(23)	2,299	94%	-\$72
Consumer Non-Cyclical	(65)	1,551	87%	-\$110
Utilities	(77)	825	84%	-\$73
Health	(75)	316	116%	\$23

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## TRADE FLOW RATIO<sup>3</sup> (BUY/SELL,%)

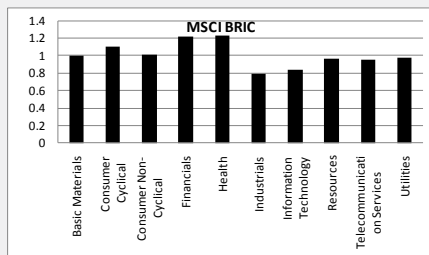
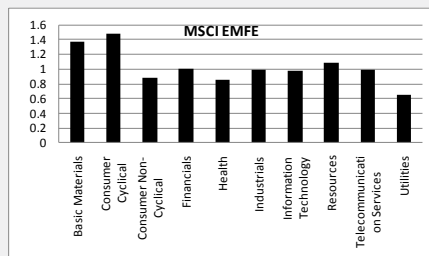
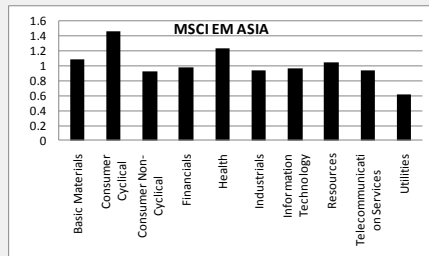
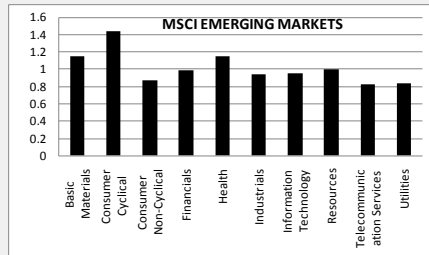
### DEVELOPED MARKETS

Region and Sector



### EMERGING MARKETS

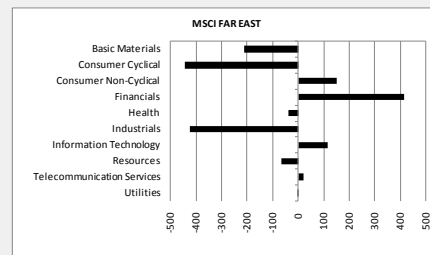
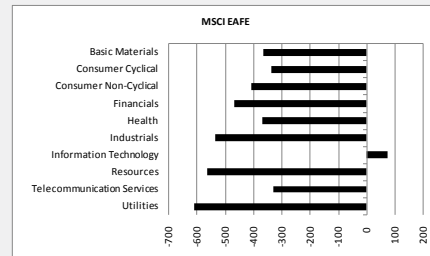
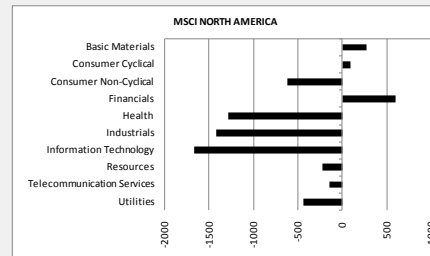
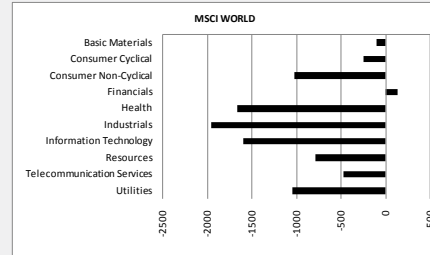
Region and Sector



## NET TRADE FLOW<sup>4</sup> (\$, MILLION)

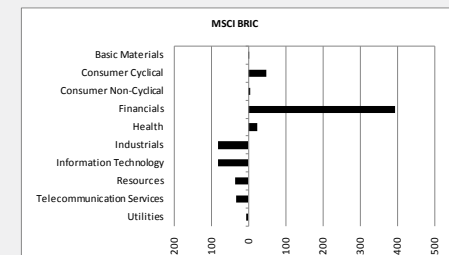
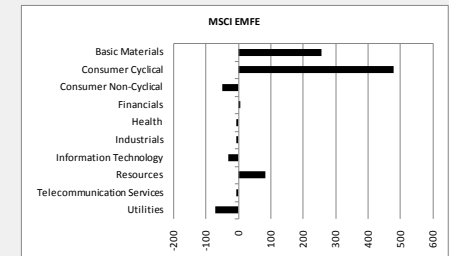
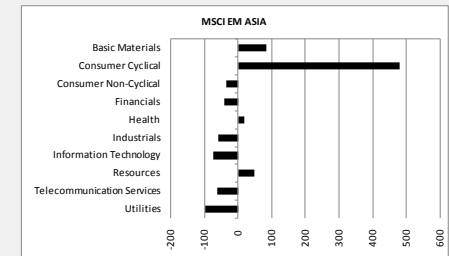
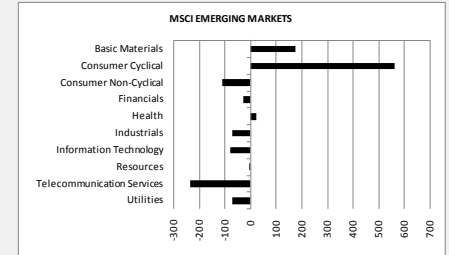
### DEVELOPED MARKETS

Region and Sector



### EMERGING MARKETS

Region and Sector



OCTOBER 2011

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MONTHLY PRELIMINARY: The October 2011 data presented herewithin is as of available data through November 3, 2011.

- <sup>1</sup> Trading Cost and Trade Flow are both derived from ITG's Group Peer Universe.
- <sup>2</sup> Trade Flow is the total trade value for for all constituents within the specific MSCI Index. We include indexes with trade flow that exceed \$1,000 Million.
- <sup>3</sup> Trade Flow Ratio is the ratio of Trade Flow for buys divided by Trade Flow for sells.
- <sup>4</sup> Net Trade Flow is the subtraction of Trade Flow for sells from the value of Trade Flow for buys.

Tradewatch Global data is derived from Investment Technology Group's Peer Universe. For October 2011, the Peer Universe contains nearly 2.25 million trades (\$251 billion) compiled solely from aggregated trade data from ITG's Transaction Cost Peer Universe. The data are sourced directly from buy-side institutions and may include some soft-dollar, CSA and other payment over and above execution-only commissions. The information presented is based on "order creation" time stamp recorded in client order management systems and encompasses global equity trading data. Trading costs and trade flow are calculated for the theoretical portfolios using MSCI indices as the basis for constructing these portfolios. Certain index data here are the property of MSCI. Without prior written permission of MSCI, this information and other MSCI intellectual property may only be used for your internal references, may not be produced or disseminated in any form and may not be used to create any financial instruments or products or any indices. This information is provided on an "as is" basis, and the user of this information assumes the entire risk of any use made of this information.

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