January 25, 2016

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Commentary

North American equity markets rallied on Friday, bringing the week to a net gain. The S&P 500 rose 2.03% to 1,906.90, the Dow gained 1.33% to 16,093.51, and the S&P/TSX Composite climbed 2.94% to 12,389.58. Meanwhile, bond markets sold off on Friday, with the US 10yr Treasury yield rising 2.1bps to 2.05%, and the Canadian 10yr note yield rising 5.1bps to 1.32% WTI rose 9% on Friday to close at US\$32.19, recovering from the 13-year low it hit on Wednesday. This morning, however, oil dropped as much as 4.1% on news that Saudi Arabia hasn't reduced its investment capacity amid lower crude prices and data showing China's diesel use declining 5.6% in December YoY. The oil industry is reducing capex in exploration and production by 15% this year, as oil supply currently exceeds demand by 1.5 million barrels a day.

Economists are revising their expectations on the timeliness of further rate hikes from the FED, with the appreciating USD placing downward pressure on growth and inflation. Since the FED's December 16 meeting, the USD has gained 2% measured on an effective exchange rate basis. This push succeeds an 11% increase in the prior year. Stanley Fischer briefly spoke about FED models, suggesting that a 10% gain in USD lowers US GDP by more than 1.5% after three years. Through cheaper imports, a 10% appreciation in the USD is expected to depress core inflation by about 0.3% per year. Optimistically, the FED's James Bullard and John Williams suggested they did not see a further major USD increase in the near future, citing that markets have already priced in the result of relative monetary policy.

Bank of Japan's governor, Haruhiko Kuroda, is showing concerns regarding China's currency and monetary policy. He stated that China faces the impossible problem of simultaneously managing interest rates, exchange rates, and allowing free capital controls. China passed capital account reforms to allow their currency to be recognized as an official reserve currency by the IMF; however, they have lost a significant amount of reserves in order to decelerate the depreciation of the renminbi against the dollar. China's foreign exchange reserves has fallen by \$108bn in December of last year, and by \$700bn for 2015. The renminbi has continued to depreciation in January and the central bank is concerned as they declined to cut reserve requirement for commercial banks on fear of loose liquidity. The PBoC is attempting to inject money into the banking system through open market operations, as oppose to the standard interest rate and reserve requirement cut, to offset monetary contraction caused by capital outflow. The PBoC has already injected Rmb1.6tn into the banking system in January of this year.

Major Economic Releases

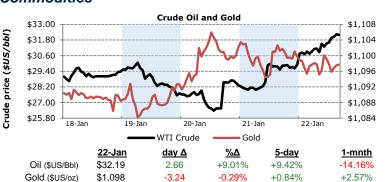
United States	Period	Survey	<u>Actual</u>	Prior	Canada	<u>Period</u>	Survey	<u>Actual</u>	<u>Prior</u>
None Scheduled					None Scheduled				

Market Movements

Equities

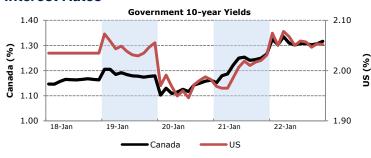


Commodities



price

Interest Rates



Government 10-year Yields			Historical levels			
	22-Jan	<u>day ∆</u>	-1 mnth	-3 mnths	-1 year	
Canada	1.32%	0.051%	1.42%	1.51%	1.42%	
United States	2.05%	0.021%	2.25%	2.09%	1.86%	

Foreign Exchange

(LICDCAD implies \$1 LICD to CAD)

Rotman Finance Association



(OSDCAD IIIIplies \$1-OSD to CAD)			I listorical levels			
Spot	22-Jan	day ∆	-5 days	<u>-1 mnth</u>	-1 year	
USDCAD	\$1.412	-0.015	1.454	1.392	1.242	
EURUSD	\$1.080	-0.008	1.092	1.096	1.120	

Master of Financial Economics Program

MFE

The Master of Financial Economics Program at the University of Toronto is a collaborative program of the Department of Economics and the Rotman School of Management. The program's key objective is to provide a broad understanding of Financial Theory and the Economics framework upon which that theory is based. Students follow a three-term, 16-month program, with 12 one-term courses and a four-month summer internship. For more information on the program and its students please see the website below.

Rotman Finance Association

The purpose of the Rotman Finance Association is to bridge the gap between classroom financial theory and finance-based careers by offering students industry speaker sessions, alumni networking seminars and competitions. For more information please see the website below.

http://www.rotman finance association.com

http://www.economics.utoronto.ca/index.php/index/mfe/



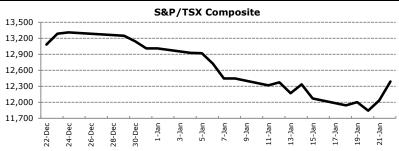


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The Equities Roll

Canadian Indicies

TSX	22-Jan 12,389.58	<u>day ∆</u> 353.72	<u>%∆</u> +2.94%
	Trailing	S&P/TSX	TSX 60
	5-day	+2.62%	+2.63%
	1-month	-5.30%	-5.61%
	3-months	-10.73%	-10.70%
	6-months	-13.40%	-13.38%
	12-months	-16.08%	-15.81%



Sector Returns

	<u>1-day</u>	<u>5-day</u>	<u>1-mnth</u>	12-mnths
C. Discretionary	+1.52%	+1.68%	-6.14%	-9.17%
C. Staples	+2.22%	+1.89%	-0.51%	+12.13%
Energy	+5.64%	+5.33%	-6.11%	-30.50%
Financials	+3.09%	+3.51%	<i>-5.4</i> 8%	-6.41%
Healthcare	+1.46%	-1.10%	-13.60%	-1.89%
Info Tech	+1.94%	+0.10%	-6.88%	+2.46%
Industrials	+4.06%	+2.66%	-6.53%	-18.87%
Materials	+1.18%	-2.07%	-8.19%	-37.37%
Metals & Mining	-0.36%	+0.55%	-25.67%	-59.36%
Telecom	+2.66%	+2.23%	-0.24%	-0.43%
Utilities	+3.55%	+5.75%	+1.40%	-11.49%

TSX Top Performers

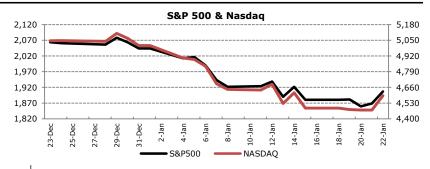
Ranked by 1-day	<u>1-day</u>	<u>5-day</u>	1-mnth	12-mnths
Mitel Networks Corp	+18.92%	+8.64%	-3.55%	-15.28%
Birchcliff Energy Ltd	+16.16%	+27.91%	+11.20%	-36.14%
Baytex Energy Corp	+15.00%	+16.95%	-26.60%	-85.34%
Penn West Petroleum Ltd	+14.94%	+16.28%	-19.35%	-48.98%
Kelt Exploration Ltd	+13.80%	+9.44%	-5.84%	-39.77%

TSX Worst Performers

Ranked by 1-day	<u>1-day</u>	5-day	1-mnth	12-mnths
First Quantum Minerals Lt	-5.15%	-16.50%	-49.61%	-81.77%
B2Gold Corp	-3.12%	-12.26%	-36.73%	-64.37%
Meg Energy Corp	-3.00%	+2.54%	-36.18%	-75.49%
Valeant Pharmaceuticals I	-2.68%	-2.68%	-20.65%	-36.45%
Dorel Industries-CI B	-2.49%	+1.13%	-7.83%	-29.98%

US Indices

Trailing	S&P 500	DJIA	Nasdaq
22-Jan	1,906.90	16,093.51	4,591.18
1-day	+2.03%	+1.33%	+2.66%
5-day	+1.41%	+0.66%	+2.29%
1-month	-6.48%	-7.60%	-8.20%
3-months	-7.09%	-7.98%	-6.68%
6-months	-9.80%	-9.85%	-11.23%
12-months	-7.57%	-9.66%	-3.35%



S&P 500 Sector Returns

	<u>1-day</u>	<u>5-day</u>	<u>1-mnth</u>	12-mnths
C. Discretionary	+1.70%	+2.52%	-6.39%	+3.30%
C. Staples	+1.63%	+1.81%	-2.71%	-2.28%
Energy	+4.31%	+1.91%	-6.08%	-27.28%
Financials	+1.95%	-0.52%	-10.44%	-11.31%
Healthcare	+1.55%	+1.40%	-5.37%	-4.99%
Info Tech	+2.81%	+2.42%	-6.95%	-2.88%
Industrials	+0.76%	-0.04%	-7.97%	-12.34%
Materials	+1.77%	+0.73%	-10.84%	-21.08%
Telecom	+2.37%	+4.38%	+1.11%	-1.94%
Utilities	+1.75%	+0.89%	+2.15%	-10.70%

DJIA Top Performers

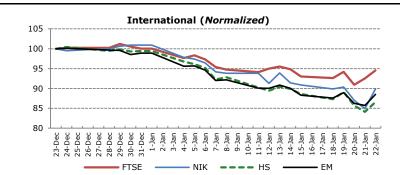
Ranked by 1-day	<u>1-day</u>	<u>5-day</u>	<u>1-mnth</u>	12-mnths
Apple Inc	+5.32%	+4.42%	-5.42%	-9.77%
Microsoft Corp	+3.59%	+2.55%	-5.53%	+10.95%
Goldman Sachs Group Inc	+3.44%	+0.80%	-12.88%	-13.83%

DJIA Worst Performers

<u>Rai</u>	nked by 1-day	1-day	5-day	1-mnth	12-mnths
American Expre	ess Co	-12.10%	-12.48%	-20.03%	-34.74%
General Electri	с Со	-1.22%	-0.88%	-7.38%	+16.31%
Intl Rusiness M	achines Co	-0.33%	-5.79%	-11.19%	-21.17%

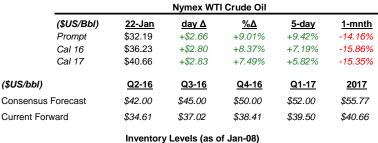
International Markets

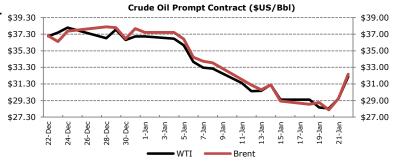
Trailing	FTSE 100	<u>Nikkei</u>	Hang Seng	MSCI EM
Last Close	5,900.01	16,958.53	19,080.51	710.66
1-day	+2.19%	+5.88%	+2.90%	+3.22%
5-day	+1.65%	-1.10%	-2.26%	+0.21%
1-month	-3.01%	-10.21%	-12.60%	-10.56%
3-months	-7.47%	-8.01%	-16.48%	-17.19%
6-months	-11.51%	-17.65%	-24.53%	-23.68%
12-months	-13.19%	-2.14%	-22.19%	-27.74%



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Oil & Gas



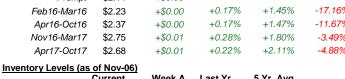


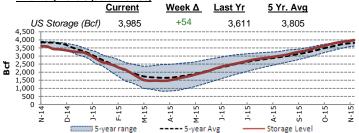
UK Brent Crude Oil						
(\$US/BbI)	<u>22-Jan</u>	day ∆	<u>%∆</u>	5-day	1-mnth	
Prompt	\$32.18	+\$2.93	+9.11%	+11.20%	-10.88%	

(MBbis)	Current	Week A	Last Yr	<u>5 Yr. Avg</u>
Crude Oil	482,558	+234	337,426	319,411
Motor Gas	240,434	+8,438	214,389	200,481
Distillates	165,554	+6,136	171,756	140,851

Nymex Natural Gas

(\$US/MMbtu)	22-Jan	day ∆	<u>%∆</u>	<u>5-day</u>	1-mnth
Prompt	\$2.14	+\$0.00	+0.05%	+0.56%	+7.87%
Feb16-Mar16	\$2.23	+\$0.00	+0.17%	+1.45%	-17.16%
Apr16-Oct16	\$2.37	+\$0.00	+0.17%	+1.47%	-11.67%
Nov16-Mar17	\$2.75	+\$0.01	+0.28%	+1.80%	-3.49%
Apr17-Oct17	\$2.68	+\$0.01	+0.22%	+2.11%	-4.88%





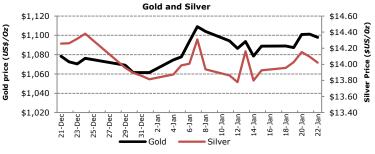
Nat Gas Prompt (\$US/MMbtu) \$2.50 \$2.40 \$2.30 \$2.20 \$2.10

Alberta Natural Gas	(2017/21)			0/ 0
	(\$CAD/GJ)	<u>22-Jan</u>	<u>day ∆</u>	<u>%∆</u>
AECO) Feb-16	\$2.22	-\$0.02	-1.1%

Other Commodities

Precious Metals

\$US/oz	<u>22-Jan</u>	<u>day ∆</u>	<u>%∆</u>	5-day	1-mnth	3-mnth
Gold	\$1,098.00	-\$3.24	-0.3%	+0.8%	+2.6%	-4.2%
Silver	\$14.02	-\$0.07	-0.5%	+0.7%	-2.1%	-10.1%
Platinum	\$831	+\$12.80	+1.6%	+0.3%	-4.3%	-16.2%

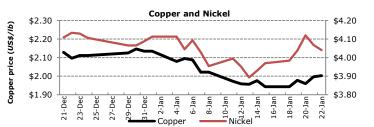


Industrial Metals

\$2.00

\$1.90

\$US/Ib	<u>22-Jan</u>	<u>day ∆</u>	<u>%∆</u>	<u>5-day</u>	<u>1-mnth</u>	3-mnth
Copper	\$2.00	+\$0.01	+0.3%	+3.0%	-5.2%	-13.7%
Nickel	\$4.04	-\$0.03	-0.7%	+1.8%	-2.1%	-17.4%
Zinc	\$0.75	-\$0.00	-0.5%	-0.5%	-1.9%	-12.4%
Aluminum	\$0.73	+\$0.01	+1.4%	0.0%	-2.7%	+2.8%
Uranium	\$34.75	+\$0.00	0.0%	0.0%	+1.5%	-2.1%



Agriculture & Other

	22-Jan	<u>day ∆</u>	<u>%∆</u>	<u>5-day</u>	1-mnth
Corn (\$US/bu)	\$3.70	+\$0.03	+0.9%	+1.9%	+1.6%
Wheat (\$US/bu)	\$4.76	+\$0.00	+0.1%	+0.4%	+1.7%
Soybeans (\$US/bu)	\$8.77	-\$0.02	-0.2%	-0.3%	+0.4%
Rough Rice (\$US/cwt)	\$10.96	-\$0.02	-0.2%	+2.8%	-1.0%
Sugar #11 (¢US/lb)	¢14.42	-¢0.03	-0.2%	-3.4%	-4.2%
Lean Hogs (¢US/lb)	¢69.00	-¢0.03	-0.0%	+2.3%	+6.0%
Live Cattle (¢US/lb)	¢133.08	+¢1.90	+1.4%	+3.6%	-3.6%
Cotton No.2 (\$US/lb)	\$0.62	+\$0.00	+0.6%	+1.7%	-1.9%
Lumber (\$US/Mbft)	\$234.40	-\$4.90	-2.0%	-4.6%	-11.7%

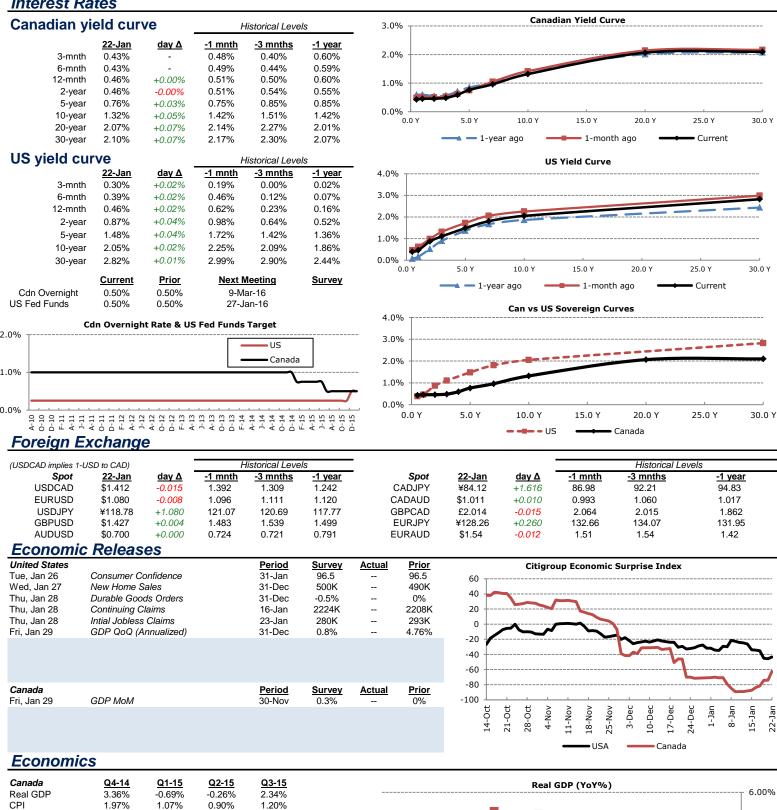
Commodity ETFs

\$CAD	22-Jan	day Δ	%∆	5-day	1-mnth
HBP Crude Oil U	\$3.43	+\$0.47	+15.9%	+9.2%	-28.5%
HBP Nat Gas U	\$12.13	+\$0.02	+0.2%	+2.2%	+15.2%
iShares Gold ETF	\$9.64	-\$0.05	-0.5%	+0.9%	+2.4%
\$USD	<u>22-Jan</u>	day ∆	<u>%∆</u>	<u>5-day</u>	1-mnth
110.0 1.0"	A	A			
US Crude Oil	\$9.27	+\$0.71	+8.3%	5.46%	-18.0%
US Crude Oil US Nat Gas	\$9.27 \$7.93	+\$0.71 +\$0.01	+8.3% +0.1%	5.46% 1.54%	-18.0% +3.1%
	* -	, -			

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The Rates, FX, & Economics Roll January 25, 2016

Interest Rates



Unemployment 6.70% 6.80% 6.80% 7.10% US Real GDP 2.10% 3.90% 0.60% 2.00% CPI 1 27% -0.07% -0.03% 0.13% Unemployment 5.60% 5.50% 5.30% 5.10% China

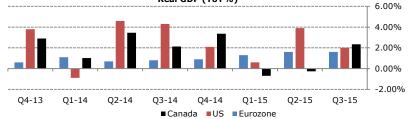
7.00%

7.00%

6.90%

7.20%

Real GDP



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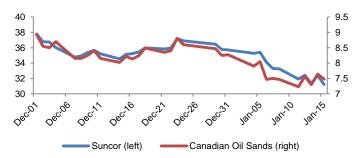
The Deals Roll

Deal Highlights

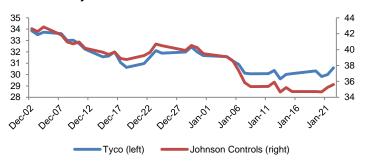
It was announced last Monday that Suncor (TSE: SU) and Canadian Oil Sands (TSE: COS) have reached a deal where Suncor is offering 0.28 shares for each Canadian Oil Sands share (\$8.74 / share), resulting in a CAD\$4.2bn deal plus debt. Suncor will assume \$2.4bn in debt for the transaction, and since shares are being offered, the monetary value of the deal will be subject to change. Suncor previously offered \$7.81 / share, a deal in which major COS investor, Seymour Schulich publicly advised against. For this deal however, Schulich encouraged investors to accept the new offer, with the Canadian Oil Sands board of directors and chairman Don Lowry also supporting the deal. Suncor will want at least 51% control over the company, and a \$130mm break fee would be charged to COS if certain conditions aren't met.

Johnson Controls (NYSE: JCI), a US maker of car batteries and heating agreement agreed to merge with Irish fire protection and security maker Tyco International Plc (NYSE: TYC). After the announcement, Johnson Control shares declined 0.8% at \$35.30, while Tyco improved 10% at \$33.65 in the pre-market. Under the terms of the deal, Johnson will own ~56% of the merged company. The merger was motivated by the lower tax rate in Ireland, and the combined company would produce a revenue of over \$40bn annually. The legal domicile will save the merged company a total of \$150mm in taxes, with the inversion transaction creating total savings of at least \$500mm in the first three years. The new company will be called Johnson Controls Plc, headed by current Johnson Chief, Alex Molinaroli, and will continue to be traded on the NYSE. Further details of the deal will be announced.

Suncor and Canadian Oil Sands Share Price



Tyco and Johnson Controls Share Price



Select Canadian Deals

Date	<u>Company</u>	<u>Acquirer</u>	<u>Seller</u>	<u>Deal</u>	Value (mm)	<u>Status</u>
25-Jan-16	1280 acre Clayton Valley	Cypress Development Corp		Merger & Acquisition	283.76	Pending
22-Jan-16	Mart Resources Inc	Midwestern Oil & Gas Co Ltd		Merger & Acquisition	371.20	Pending
22-Jan-16	Kontron Canada Inc	Ennoconn Corp	Kontron AG	Investment	81.06	Pending
21-Jan-16	PPP highway Autopista	Abertis Infraestructuras SA	AIMCO	Merger & Acquisition	1,469.34	Completed
21-Jan-16	RBC General Insurance Co	Aviva PLC	Royal Bank of Canada	Merger & Acquisition	582.00	Pending
21-Jan-16	180 North LaSalle Street	Ivanhoe Cambridge		Merger & Acquisition	283.00	Completed
20-Jan-16	Oil & gas assets	Potential Buyer	Husky Energy Inc	Merger & Acquisition	2,100.00	Proposed
20-Jan-16	Capstone Infrastructure Corp	iCON Infrastructure		Merger & Acquisition	1,764.25	Pending
19-Jan-16	Waste Connections Inc	Progressive Waste Solutions		Merger & Acquisition	11,349.88	Pending
19-Jan-16	Dianping.com, Meituan.com	Temasek Holdings Pte Ltd,		Investment	4,792.59	Completed
19-Jan-16	Rouse Properties Inc	Brookfield		Merger & Acquisition	3,322.90	Pending
19-Jan-16	16 multifamily properties	Ivanhoe Cambridge Inc		Merger & Acquisition	290.46	Completed
Select	US Deals					

<u>Seiec</u>	<u>:t US</u>	Deals
25 1	1.6	1-h C

25-Jan-16	Johnson Controls Inc	Tyco International Plc		Merger & Acquisition	28,667.27	Pending
25-Jan-16	Icopal A/S	G Holdings Inc	Investcorp Bank BSC	Merger & Acquisition	1,081.80	Pending
25-Jan-16	CD-adapco	Siemens AG		Merger & Acquisition	1,000.00	Proposed
20-Jan-16	Medicines Co/The	Potential Buyer		Merger & Acquisition	2,200.00	Proposed
19-Jan-16	Waste Connections Inc	Progressive Waste Solutions	Ltd	Merger & Acquisition	7,815.11	Pending
19-Jan-16	Rouse Properties Inc	Brookfield Asset Managemer	nt	Merger & Acquisition	2,288.03	Pending
16-Jan-16	JD Finance	China Taiping Insurance		Merger & Acquisition	1,011.65	Pending
15-Jan-16	Appliances business of GE	Qingdao Haier Co Ltd	General Electric Co	Merger & Acquisition	5,400.00	Pending
15-Jan-16	Freeport Indonesia PT	Republic of Indonesia	Freeport-McMoRan Inc	Merger & Acquisition	1,700.00	Proposed
14-Jan-16	Pumps & devices business	Potential Buyer	Pfizer Inc	Merger & Acquisition	2,000.00	Proposed
13-Jan-16	Elenia Oy	Potential Buyer	3i Infrastructure PLC,GS Infrastructure Partr	n Merger & Acquisition	2,712.50	Proposed

Global Equity Offering League Tables (YTD 2016)					Canadian Equity	<i>Offering</i> L	.eague	Tables (Y	TD 2016)
<u>Manager</u>	Vol (MM USD)	<u>Issues</u>	Fees(%)	Table Share(%)	<u>Manager</u>	Vol (MM USD)	<u>Issues</u>	Fees(%)	Table Share(%)
Bank of America	1,342	9	2.86	12.4	GMP Securities	7.5	1		21.1
UBS	1,217	7	5.21	11.3	Paradigm Capital Inc	7.5	1		21.1
JP Morgan	1,133	8	3.17	10.5	Cormark Securities In	7.5	1		21.1
Credit Suisse	904	5	1.04	8.4	INFOR Financial Grou	. 7.5	1		21.1
Citi	869	7	2.02	8.0	Pacific International S	5.3	2	10.00	14.9
Jefferies	509	4	3.19	4.7	Industrial Bank of Kor	0.2	1	9.00	0.5
Goldman Sachs	296	3	6.00	2.7					
Wells Fargo	254	2	3.16	2.4					
SunTrust Robinson Hum	254	2	3.16	2.4					
Morgan Stanley	236	5	4.68	2.2					