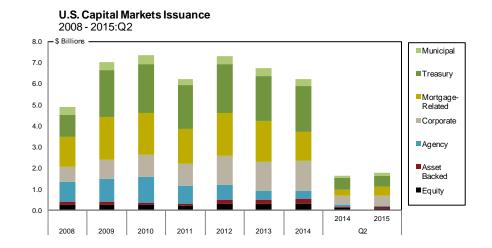


SIFMA US Capital Markets Quarterly Data Deck 2Q'15

SIFMA Research, July 10, 2015

HIGHLIGHTS

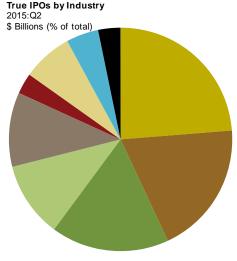
- Municipal bond issuance totaled \$113.0 billion in 2Q'15, up 5.3% from 1Q'15.
- Long-term Treasury bond issuance totaled \$530.9 billion in 2Q'15, up 0.5% from 1Q'15.
- Mortgage-related securitizations totaled \$441.2 trillion in 2Q'15, up 27.0% from 1Q'15.
- Corporate bond issuance totaled \$442.6 billion in 2Q'15, up 1.7% from 1Q'15.
 - Of total 2Q'15 corporate issuance, \$91.7 billion was high yield and \$350.9 billion was investment grade.
- Federal agencies issuance totaled \$89.0 billion in 2Q'15, down 34.9% from 1Q'15.
- Asset-backed securitizations totaled \$60.1 billion, down 2.7% from 1Q'15.
- Equity issuance totaled \$81.0 billion in 2Q'15, up 25.6% from 1Q'15.
 - Of total 2Q'15 equity issuance, \$13.4 billion were true IPOs.



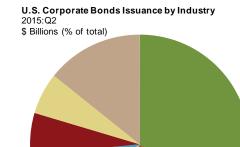
			Q-o-Q %		Y-o-Y %
\$ Billions	2015:Q2	2015:Q1	Change	2014:Q2	Change
Municipal	113.0	107.2	5.3%	90.2	25.2%
Treasury	530.9	528.0	0.5%	559.0	-5.0%
Mortgage-Related	441.2	347.5	27.0%	304.9	44.7%
Corporate	442.6	435.0	1.7%	427.8	3.5%
Federal Agency	89.0	136.7	-34.9%	69.4	28.1%
Asset Backed	60.1	61.8	-2.7%	70.6	-14.8%
Equity	81.0	64.5	25.6%	94.4	-14.2%

Sources: Dealogic, Thomson Reuters, US Department of the Treasury, US Agencies, SIFMA

US Capital Markets Issuance by Market Segments - 2Q'15



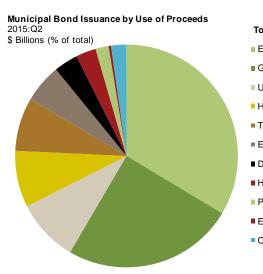
Total - \$13.4 billion: = Energy and Power \$3.2 (23.8%) = High Technology \$2.6 (19.4%) = Healthcare \$2.3 (17.1%) = Retail \$1.5 (10.9%) = Materials \$1.4 (10.8%) = Financials \$0.4 (3.0%) = Industrials \$1.0 (7.3%) = Consumer Products \$0.6 (4.7%) = Real Estate \$0.4 (3.3%) Source: Thomson Reuters



Total - \$442.6 billion:

- Financials \$145.8 (32.9%)
- Energy and Power \$66.8 (15.1%)
- High Technology \$43.2 (9.8%)
- Healthcare \$36.6 (8.3%)
- Telecommunications \$32.5 (7.4%)
- Consumer Staples \$27.4 (6.2%)
- Industrials \$27.2 (6.1%)
- Other, \$63.0 (14.2%)

Source: Thomson Reuters



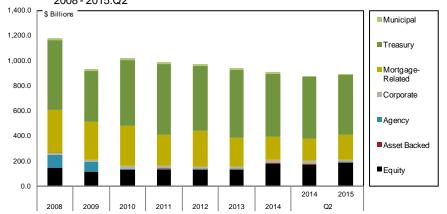
Total - \$113 billion: Education \$38.0 (33.6%) General Purpose \$28.1 (24.8%) Utilities \$10.3 (9.1%) Healthcare \$9.3 (8.2%) Transportation \$8.8 (7.8%) Electric Power \$6.3 (5.6%) Development \$3.9 (3.5%) Housing \$3.3 (2.9%) Public Facilities \$2.2 (1.9%) Environmental Facilities \$0.4 (0.4%)

Other, \$2.5 (2.2%)

Sources: Thomson Reuters, SIFMA

HIGHLIGHTS

- Municipal bond average daily trading volume totaled \$10.9 billion in 2Q'15, up 17.6% from 1Q'15.
- Treasury average daily trading volume totaled \$477.6 billion in 2Q'15, down 10.2% from 1Q'15.
- Mortgage-related average daily trading volume totaled \$194.7 billion in 2Q'15, down 12.4% from 1Q'15.
- Corporate bond average daily trading volume totaled \$21.4 billion in 2Q'15, down 10.3% from 1Q'15.
 - Of total 2Q'15 corporate average daily trading volume, high yield averaged \$7.3 billion and investment grade \$14.1 billion.
- Federal agencies average daily trading volume totaled \$4.6 billion in 2Q'15, down 8.5% from 1Q'15.
- Asset-backed average daily trading volume totaled \$1.7 billion, up 6.1% from 1Q'15.
- Equity average daily trading volume totaled \$181.5 billion in 2Q'15, down 7.0% from 1Q'15.



US Capital Markets Average Daily Trading Volume 2008 - 2015:Q2

			Q-o-Q %		Y-o-Y %
\$ Billions	2015:Q2	2015:Q1	Change	2014:Q2	Change
Municipal	10.9	9.2	17.6%	10.4	4.3%
Treasury	477.6	531.8	-10.2%	492.0	-2.9%
Mortgage-Related	194.7	222.4	-12.4%	178.6	9.0%
Corporate	21.4	23.9	-10.3%	20.2	5.9%
Federal Agency	4.6	5.1	-8.5%	4.9	-4.6%
Asset-Backed	1.7	1.6	6.1%	1.4	22.6%
Equity	181.5	195.3	-7.0%	170.4	6.5%

US Capital Markets Outstanding - 1Q'15*

HIGHLIGHTS

- Municipal bonds outstanding totaled \$3.7 trillion at end-1Q'15, up 1.1% from end-4Q'14.
- Treasuries outstanding totaled \$12.6 trillion outstanding at end- 1Q'15, up 1.0% from end-4Q'14.
- Mortgage-related securitizations outstanding totaled \$8.7 trillion at end-1Q'15, down 0.5% from end-4Q'14.
- Corporate bonds outstanding totaled \$8.0 trillion at end-1Q'15, up 1.5% from end-4Q'14.
- Federal agency issuance outstanding totaled \$2.0 trillion at end-1Q'15, down 2.6% from end-4Q'14.
- Asset-backed securitizations outstanding totaled \$1.4 trillion at end-1Q'15, up 1.9% from end-4Q'14.
- Equity market capitalization totaled \$28.1 trillion at end-1Q'15, up 0.8% from end-4Q'14.
- Money markets outstanding totaled \$2.9 trillion at end-1Q'15, down 0.8% from end-4Q'14.
- Repo markets outstanding totaled \$4.2 trillion at end-1Q'15, down 3.5% from end-4Q'14.



			Q-o-Q %		Y-o-Y %
\$ Billions	2015:Q1	2014:Q4	Change	2014:Q1	Change
Municipal	3,694.0	3,652.4	1.1%	3,660.8	0.9%
Treasury	12,630.2	12,504.8	1.0%	12,120.5	4.2%
Mortgage-Related	8,688.9	8,729.4	-0.5%	8,717.9	-0.3%
Corporate	7,965.1	7,846.2	1.5%	7,570.2	5.2%
Federal Agency	1,975.6	2,028.7	-2.6%	1,946.9	1.5%
Asset-Backed	1,361.3	1,336.5	1.9%	1,265.9	7.5%

* Outstanding data lags by a quarter.

Sources: Bloomberg, Federal Reserve, US Department of the Treasury, US Federal Agencies

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