

Standard & Poor's Ratings Services

Credit Ratings, Research & Analytics

Providing Valued Research and Opinions for Market Participants

Standard & Poor's ratings are tools to evaluate credit risk, expressing opinions about the relative likelihood that debt issued by companies and governments will be repaid on time and in full. Standard & Poor's ratings reflect in-depth analysis of the issuers and their debt obligations.

Ratings foster the development and smooth functioning of capital markets, which help people to start and grow businesses, cities and states to build highways and hospitals, and manufacturers to build factories and create jobs.

Standard & Poor's regularly updates and refines its processes to align with new developments in the marketplace. It's taken to heart the lessons learned during the financial crisis, improving the methodologies behind its ratings, systems, and governance.

www.standardandpoors.com

Standard & Poor's rates more than \$45 trillion in debt globally

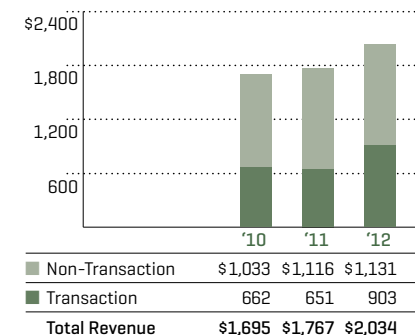
How Standard & Poor's Ratings Services Generates Revenue

Ratings related to new issuance of corporate and government debt instruments and structured finance debt instruments, bank loan ratings, and corporate credit estimates [transaction revenue]

Surveillance of a credit rating, annual fees for customer relationship-based pricing programs, and fees for entity credit ratings [non-transaction revenue]

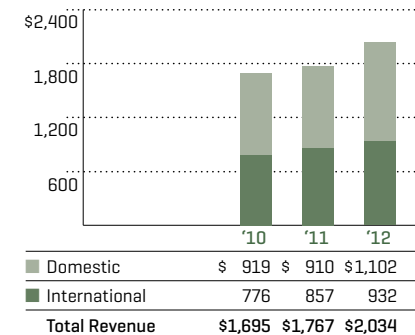
Revenue: Transaction/Non-Transaction

[dollars in millions]



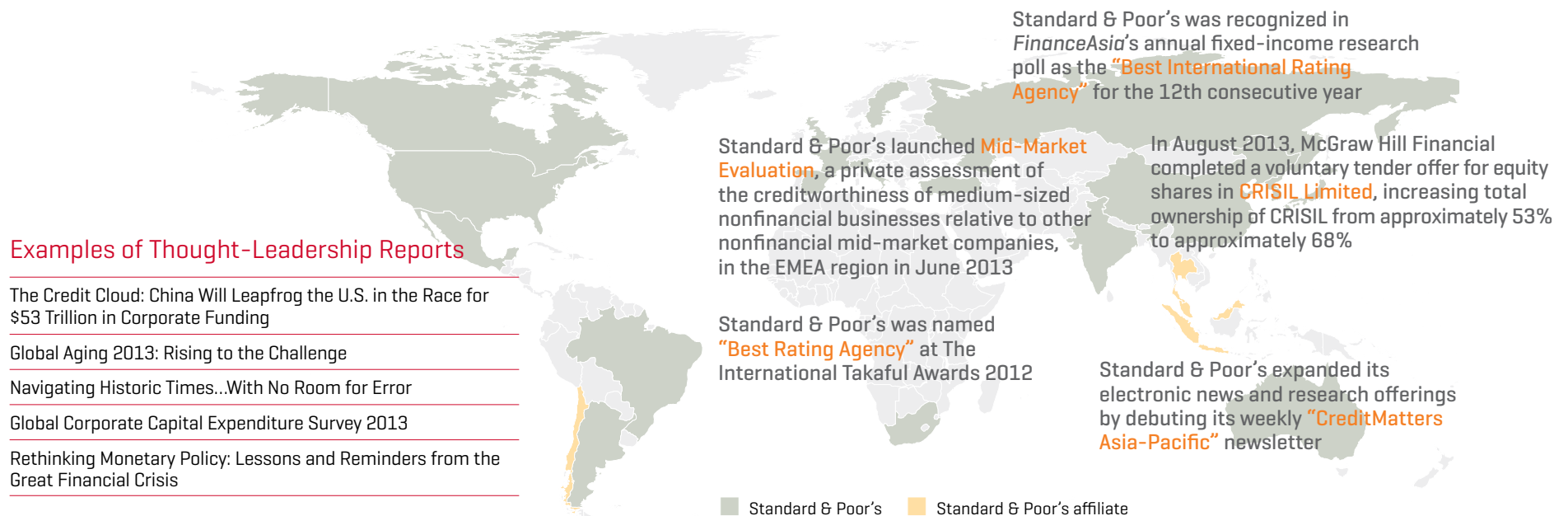
Revenue: Domestic/International

[dollars in millions]



Standard & Poor's Ratings Services is a leading provider of credit ratings, research, and analytics. As part of the world's financial infrastructure, Standard & Poor's plays a vital role in bringing transparency and comparability to the financial markets, helping investors and others measure and mitigate credit risk. Standard & Poor's spans 23 countries with more than 1,400 analysts who offer a combination of global perspective and local insight.

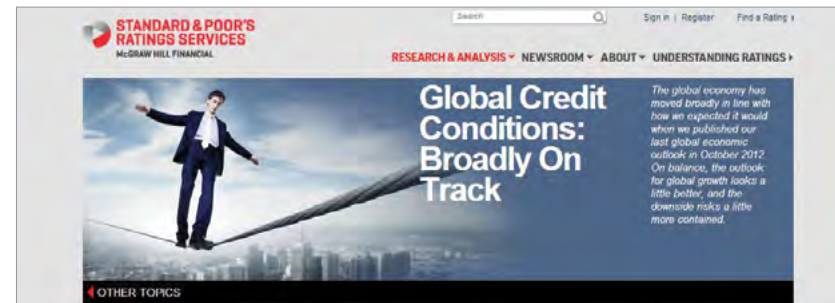
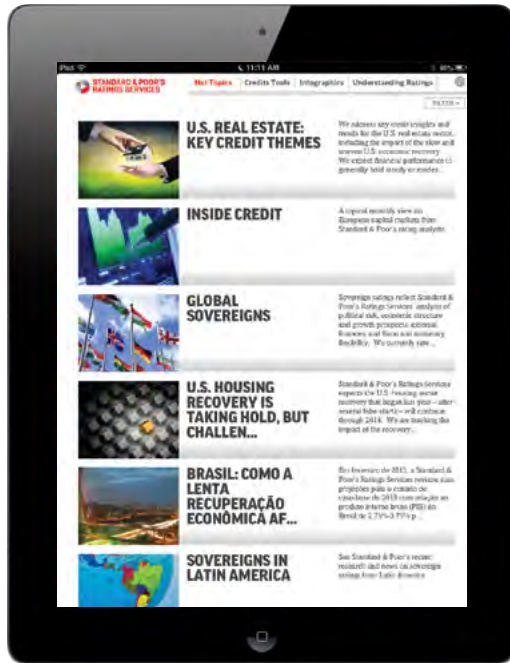
Standard & Poor's Global Footprint



Globally, Standard & Poor's rated more than \$3.5 trillion in new debt and published more than 169,000 new and 125,000 revised ratings in 2012

Mobile Access to Standard & Poor's Global Perspective on Credit Market Developments

The new Standard & Poor's Ratings Services portal, launched in April 2013, offers the public an easy way to keep up with Standard & Poor's thought leadership on credit topics such as global aging, sovereigns, and global credit conditions. The free public site delivers original videos and audio podcasts, selected articles and analyses, news and research summaries, and Standard & Poor's live event listings, together with links to ratings lookup and ratings criteria. It can be accessed from the web, mobile devices, and tablets.



www.spratings.com

Standard & Poor's Ratings Services' Track Record: Meeting the Test of Time

What is a Standard & Poor's credit rating?

Credit ratings are opinions about credit risk. Standard & Poor's ratings express an opinion about the ability and willingness of an issuer to meet its financial obligations in full and on time. Credit ratings can also speak to the credit quality of an individual debt issue and the relative likelihood that the issue may default.

How Standard & Poor's ratings perform:

The tables (to the right) show the default rates experienced for each rating category over 30 years.

For example: The 5-year cumulative default rate for corporate bonds rated AAA has been **0.36%**, or fewer than four defaults for every 1,000 ratings

The 5-year cumulative default rate for AAA-rated structured finance issues has been **3.24%**

Global Corporate Average Cumulative Default Rates [1981-2012] [%] ^(a)

Rating	Time horizon (years)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
AAA	0.00	0.03	0.14	0.25	0.36	0.48	0.54	0.63	0.69	0.76	0.79	0.83	0.86	0.94	1.02
AA	0.02	0.07	0.14	0.25	0.37	0.49	0.60	0.70	0.78	0.88	0.96	1.05	1.13	1.21	1.30
A	0.07	0.17	0.29	0.45	0.62	0.81	1.03	1.23	1.43	1.65	1.84	2.02	2.19	2.35	2.55
BBB	0.22	0.63	1.08	1.62	2.18	2.72	3.19	3.66	4.12	4.59	5.08	5.49	5.89	6.31	6.73
BB	0.86	2.60	4.63	6.59	8.37	10.06	11.52	12.82	14.03	15.09	15.95	16.70	17.34	17.88	18.52
B	4.28	9.58	14.07	17.56	20.18	22.30	24.03	25.42	26.64	27.84	28.84	29.65	30.40	31.10	31.82
CCC/C	26.85	35.94	41.17	44.19	46.64	47.71	48.67	49.44	50.39	51.13	51.80	52.58	53.45	54.26	54.26
Investment-grade	0.11	0.31	0.54	0.82	1.12	1.41	1.68	1.94	2.19	2.45	2.70	2.91	3.11	3.32	3.54
Speculative-grade	4.11	8.05	11.46	14.22	16.44	18.30	19.85	21.16	22.36	23.46	24.38	25.15	25.85	26.48	27.12
All rated	1.55	3.06	4.40	5.53	6.48	7.29	7.98	8.58	9.12	9.63	10.08	10.45	10.80	11.12	11.45

Source: Standard & Poor's "Default, Transition, and Recovery: 2012 Annual Global Corporate Default Study and Rating Transitions," March 18, 2013

Global Structured Finance Cumulative Default Rates Conditional On Survival [1978-2012] [%] ^(b)

Rating	Time horizon (years)									
	1	2	3	4	5	6	7	8	9	10
AAA	0.11	0.50	1.19	2.23	3.24	3.87	4.19	4.30	4.39	4.47
AA	0.30	2.59	6.34	9.80	12.56	14.29	15.15	15.45	15.62	15.75
A	0.57	4.13	8.96	13.10	16.48	18.93	20.42	21.12	21.42	21.69
BBB	1.35	7.25	14.33	20.69	26.02	30.12	32.86	34.57	35.57	36.22
BB	3.04	12.43	21.21	29.66	36.07	41.20	44.86	47.35	49.17	50.37
B	7.40	21.46	33.15	44.52	52.80	57.89	61.80	64.52	66.52	67.53
CCC/C	36.14	56.98	72.65	82.40	86.69	88.19	89.24	90.19	90.77	90.96
Investment-grade	0.52	3.20	6.85	10.22	13.02	14.99	16.14	16.69	16.99	17.19
Speculative-grade	19.36	34.55	45.96	54.16	59.54	63.21	65.92	67.83	69.22	70.02
All rated	5.51	11.26	16.56	20.76	23.93	26.15	27.55	28.34	28.82	29.10

Source: Standard & Poor's "Default Study: Global Structured Finance Default Study, 1978-2012: A Defining Moment For Credit Performance Stability," March 30, 2013

[a] Average cumulative default rates are derived by calculating "conditional on survival" marginal default rates from experiences of each static pool and time horizon

[b] AAA ratings from the same transaction are treated as a single rating in the calculation of this table

Global Debt Markets

Standard & Poor's Ratings Services estimates that nearly \$8.3 trillion in global corporate debt is scheduled to mature between April 2013 and year-end 2017 [see table at right]. About \$1.3 trillion of this amount is due in the last nine months of 2013. Approximately \$1.9 trillion is due in 2014, and debt maturities are expected to be \$1.7 trillion annually in 2015, 2016, and 2017.

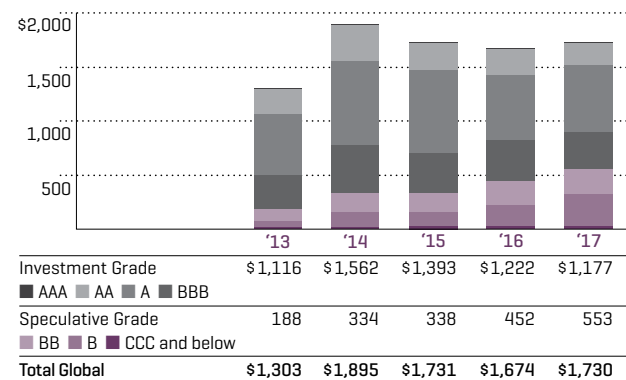
Entities domiciled in Europe account for slightly less than half of the \$8.3 trillion total. U.S.-based entities account for about 37%, entities based in the other developed countries [Australia, Canada, Japan, and New Zealand] account for about 11%, and entities based in the emerging markets account for 5%.

Approximately \$8.3 trillion in rated global corporate debt is coming due between 2013 and 2017*

*Maturing between April 1, 2013 and December 31, 2013

Global Corporate Debt Maturities by Rating (2013*-2017)

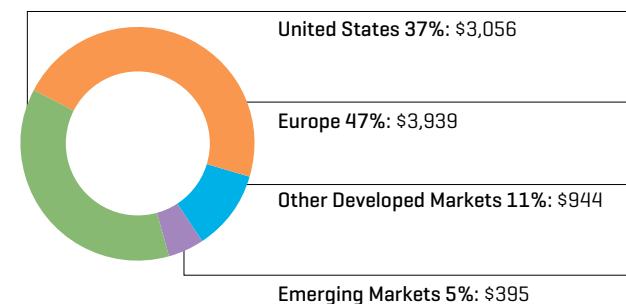
(dollars in billions)



Global Corporate Debt Maturing by Region (2013*-2017)

(dollars in billions)

Total: \$8.3 trillion



Notes for pages 8 and 9:

Data as of March 31, 2013. The data include bonds, loans, and revolving credit facilities. The estimates are likely biased on the high side because Standard & Poor's Ratings Services' tallies do not always take into account amortization schedules and loan paydowns. In addition, the revolving credit facilities are usually tallied at full value whether or not they are fully drawn. The foreign currencies are converted to U.S. dollars at the exchange rate on close of business on March 31, 2013.

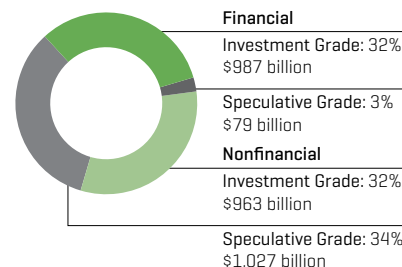
Details may not sum to total due to rounding

Source: Standard & Poor's Global Fixed Income Research

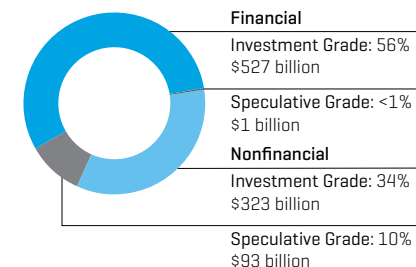
Global Schedule for Maturing Corporate Debt (2013*-2017)

(dollars in billions)	2013*	2014	2015	2016	2017	Total
United States						
Financial						
Investment grade	\$145	\$233	\$224	\$186	\$198	\$ 987
Speculative grade	\$ 9	\$ 9	\$ 14	\$ 12	\$ 36	\$ 79
Nonfinancial						
Investment grade	\$135	\$188	\$196	\$227	\$217	\$ 963
Speculative grade	\$ 65	\$178	\$178	\$275	\$331	\$1,027
Total United States	\$353	\$608	\$612	\$699	\$782	\$3,056
Europe						
Financial						
Investment grade	\$475	\$593	\$488	\$390	\$367	\$2,312
Speculative grade	\$ 71	\$ 71	\$ 69	\$ 44	\$ 31	\$ 286
Nonfinancial						
Investment grade	\$168	\$277	\$225	\$212	\$187	\$1,070
Speculative grade	\$ 23	\$ 41	\$ 38	\$ 78	\$ 91	\$ 271
Total Europe	\$737	\$982	\$820	\$725	\$676	\$3,939
Other Developed Markets						
Financial						
Investment grade	\$ 96	\$141	\$123	\$ 90	\$ 78	\$ 527
Speculative grade	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1
Nonfinancial						
Investment grade	\$ 58	\$ 83	\$ 70	\$ 55	\$ 57	\$ 323
Speculative grade	\$ 9	\$ 15	\$ 14	\$ 25	\$ 30	\$ 93
Total Other Developed Markets	\$163	\$238	\$206	\$170	\$166	\$ 944
Emerging Markets						
Financial						
Investment grade	\$ 9	\$ 14	\$ 29	\$ 22	\$ 29	\$ 104
Speculative grade	\$ 3	\$ 3	\$ 3	\$ 5	\$ 6	\$ 20
Nonfinancial						
Investment grade	\$ 30	\$ 33	\$ 38	\$ 40	\$ 44	\$ 184
Speculative grade	\$ 8	\$ 17	\$ 23	\$ 13	\$ 28	\$ 87
Total Emerging Markets	\$ 50	\$ 67	\$ 93	\$ 79	\$106	\$ 395

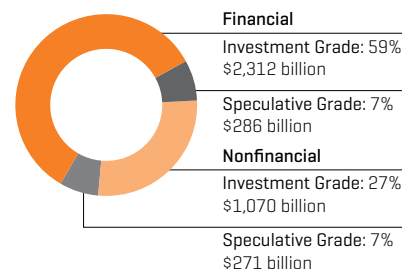
United States: \$3,056 billion



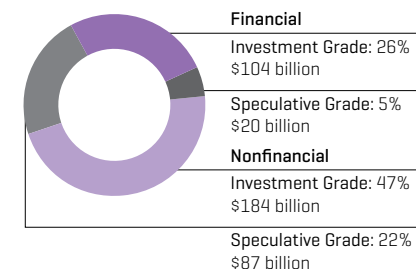
Other Developed Markets: \$944 billion



Europe: \$3,939 billion



Emerging Markets: \$395 billion



Note: Details may not sum to total due to rounding

Approximately \$6.5 trillion (78%) of the \$8.3 trillion in maturing debt through 2017 is investment grade and \$1.9 trillion is speculative grade*

*Maturing between April 1, 2013 and December 31, 2017

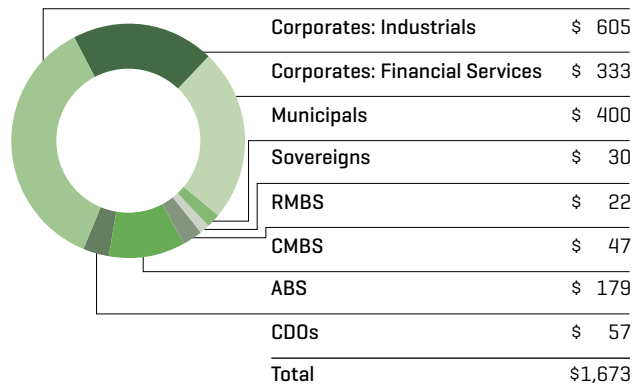
U.S. Debt Market

In 2012, Standard & Poor's rated approximately 90% of the \$1.7 trillion of addressable debt issued in the U.S. market compared to 88% of the addressable market in 2011. Rated debt issuance by dollar volume in the U.S. rose approximately 34% from 2011 to 2012, while the number of issues increased by approximately 22%.

The rated debt market is a component of the total debt market and includes only the debt securities issued with a rating. The rated U.S. debt market chart (shown below) is primarily comprised of six new-issue categories: (1) Corporates (Industrials and Financial Services); (2) Municipals; (3) Sovereigns; (4) Mortgage-Backed Securities (Residential Mortgage-Backed Securities and Commercial Mortgage-Backed Securities); (5) Asset-Backed Securities; and (6) Collateralized Debt Obligations.

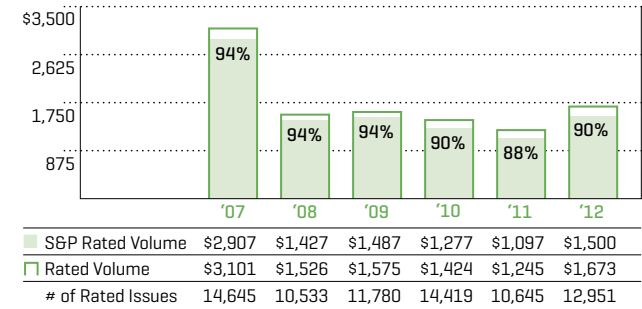
(annual figures; dollar volume in billions; data by domicile of issuer/assets)

Rated U.S. Debt Market: 2012 Dollar Volume by New Issue Category



Rated U.S. Debt Market ^[a, b, c, d, e]

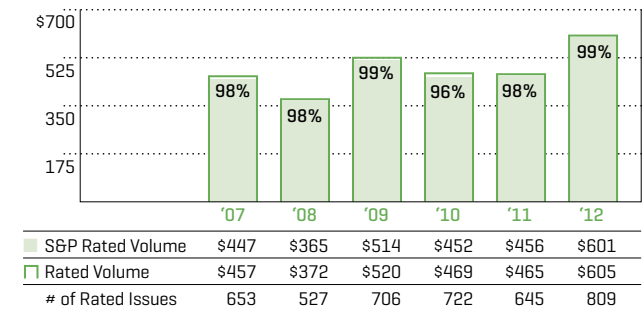
S&P penetration rate as a % of rated dollar volume



Sources: Thomson Reuters, Harrison Scott Publications, Standard & Poor's

Corporates: Industrials ^[c]

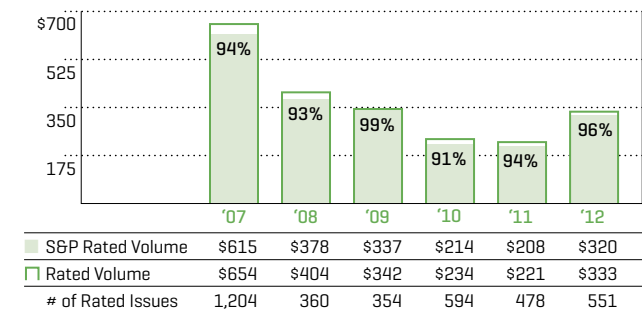
S&P penetration rate as a % of rated dollar volume



Sources: Thomson Reuters, Standard & Poor's

Corporates: Financial Services ^[c]

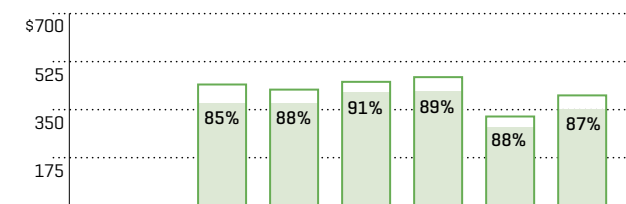
S&P penetration rate as a % of rated dollar volume



Sources: Thomson Reuters, Standard & Poor's

Municipals ^(a)

S&P penetration rate as a % of rated dollar volume

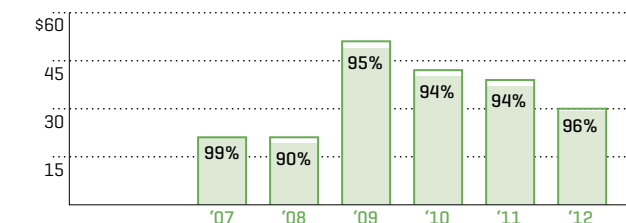


S&P Rated Volume	\$373	\$371	\$410	\$416	\$284	\$347
Rated Volume	\$441	\$422	\$451	\$468	\$324	\$400
# of Rated Issues	10,102	9,060	10,216	12,388	9,017	10,862

Sources: Thomson Reuters, Standard & Poor's

Sovereigns

S&P penetration rate as a % of rated dollar volume

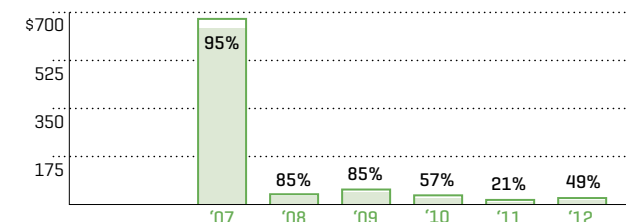


S&P Rated Volume	\$21	\$19	\$49	\$40	\$37	\$29
Rated Volume	\$21	\$21	\$51	\$42	\$39	\$30
# of Rated Issues	112	134	134	174	109	105

Sources: Thomson Reuters, Standard & Poor's

Residential Mortgage-Backed Securities (RMBS) ^(b, d)

S&P penetration rate as a % of rated dollar volume

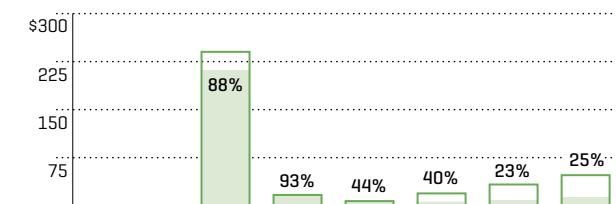


S&P Rated Volume	\$641	\$27	\$45	\$19	\$ 3	\$11
Rated Volume	\$676	\$32	\$53	\$33	\$15	\$22
# of Rated Issues	1,134	101	135	130	48	73

Sources: Harrison Scott Publications, Standard & Poor's

Commercial Mortgage-Backed Securities (CMBS) ^(b)

S&P penetration rate as a % of rated dollar volume

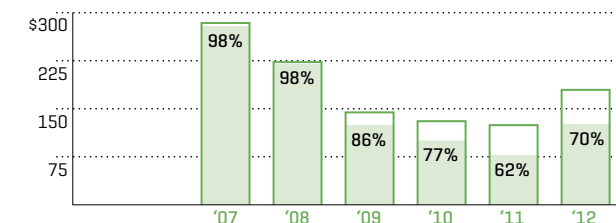


S&P Rated Volume	\$210	\$15	\$3	\$ 7	\$ 7	\$11
Rated Volume	\$240	\$16	\$7	\$18	\$32	\$47
# of Rated Issues	120	13	25	41	37	66

Sources: Harrison Scott Publications, Standard & Poor's

Asset-Backed Securities (ABS) ^(b, e)

S&P penetration rate as a % of rated dollar volume

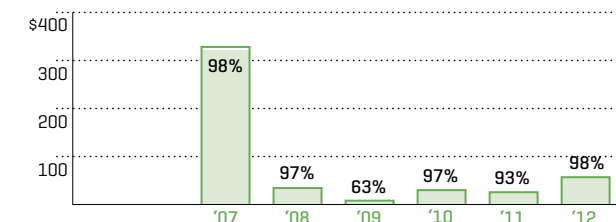


S&P Rated Volume	\$279	\$220	\$124	\$100	\$ 77	\$125
Rated Volume	\$284	\$225	\$144	\$130	\$124	\$179
# of Rated Issues	393	239	186	243	232	312

Sources: Harrison Scott Publications, Standard & Poor's

Collateralized Debt Obligations (CDOs) ^(b)

S&P penetration rate as a % of rated dollar volume



S&P Rated Volume	\$321	\$33	\$4	\$29	\$25	\$56
Rated Volume	\$328	\$34	\$6	\$30	\$26	\$57
# of Rated Issues	927	99	24	127	79	173

Sources: Harrison Scott Publications, Standard & Poor's

Data as of April 15, 2013

Percentages have been calculated based on unrounded figures

Notes for debt issuance:

- (a) Excludes municipal student loans and private placements
- (b) Excludes confidential transactions
- (c) Includes Rule 144a (private placements), MTN takedowns, convertibles, and preferred stocks. Excludes private placements (except Rule 144a issues), retail notes, and commercial paper
- (d) Excludes agency deals. Includes home equity loans
- (e) Excludes asset-backed commercial paper and letters of credit

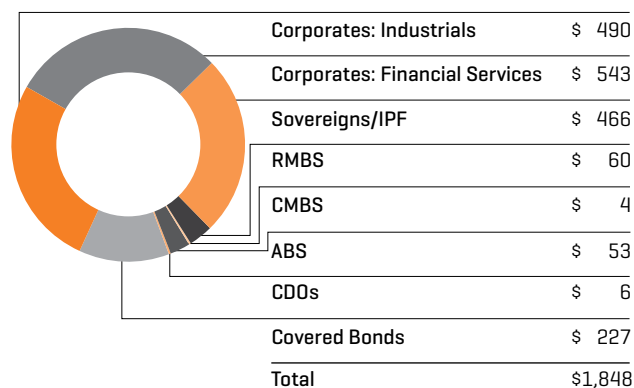
European Region Debt Market

In 2012, Standard & Poor's rated approximately 83% of the \$1.8 trillion of addressable debt issued in the European market, which includes the Middle East and Africa, compared to 78% in 2011. Rated debt issuance by dollar volume in the region declined approximately 2% from 2011 to 2012, while the number of issues grew by 7%.

The rated debt market is a component of the total debt market and includes only the debt securities issued with a rating. The rated European debt market chart (shown below) is comprised of six new-issue categories: (1) Corporates (Industrials and Financial Services); (2) Sovereigns; (3) Mortgage-Backed Securities (Residential Mortgage-Backed Securities and Commercial Mortgage-Backed Securities); (4) Asset-Backed Securities; (5) Collateralized Debt Obligations; and (6) Covered Bonds.

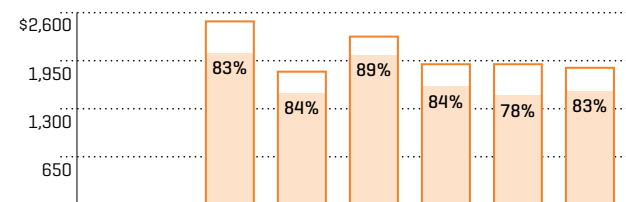
(annual figures; dollar volume in billions; data by domicile of issuer/assets)

Rated European Debt Market: 2012 Dollar Volume by New Issue Category^(a, b, c, d, e)



Rated European Debt Market^(a, b, c, d, e)

S&P penetration rate as a % of rated dollar volume

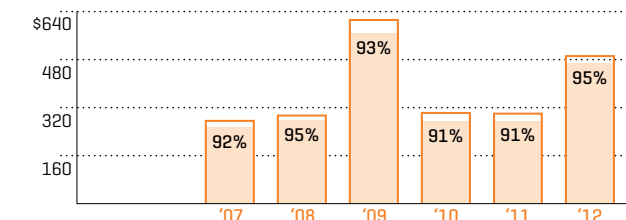


S&P Rated Volume	\$2,046	\$1,514	\$2,020	\$1,595	\$1,473	\$1,527
Rated Volume	\$2,474	\$1,800	\$2,269	\$1,896	\$1,890	\$1,848
# of Rated Issues	5,103	3,215	3,121	3,969	3,821	\$4,074

Sources: Thomson Reuters, Harrison Scott Publications, Standard & Poor's

European Corporates: Industrials^(b, e)

S&P penetration rate as a % of rated dollar volume

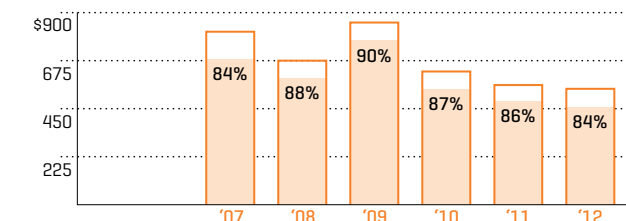


S&P Rated Volume	\$254	\$279	\$567	\$274	\$273	\$465
Rated Volume	\$275	\$292	\$610	\$301	\$299	\$490
# of Rated Issues	429	447	691	454	474	719

Sources: Thomson Reuters, Standard & Poor's

European Corporates: Financial Services^(b, e)

S&P penetration rate as a % of rated dollar volume

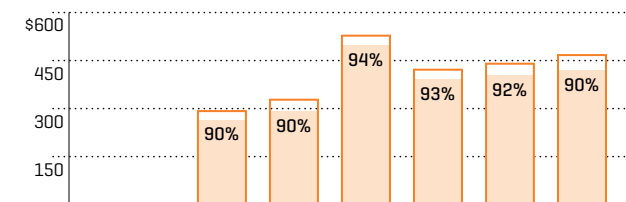


S&P Rated Volume	\$679	\$592	\$766	\$541	\$482	\$457
Rated Volume	\$808	\$675	\$849	\$622	\$557	\$543
# of Rated Issues	2,557	1,545	1,295	1,766	1,447	1,531

Sources: Thomson Reuters, Standard & Poor's

Sovereigns/International Public Finance (IPF)

S&P penetration rate as a % of rated dollar volume

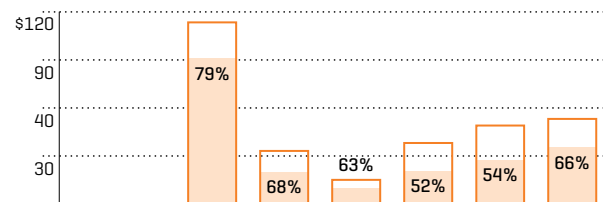


■ S&P Rated Volume	\$264	\$292	\$495	\$392	\$403	\$421
□ Rated Volume	\$291	\$326	\$526	\$421	\$438	\$466
# of Rated Issues	603	517	743	962	812	1,112

Sources: Thomson Reuters, Standard & Poor's

European Asset-Backed Securities (ABS) ^(a, c, e)

S&P penetration rate as a % of rated dollar volume

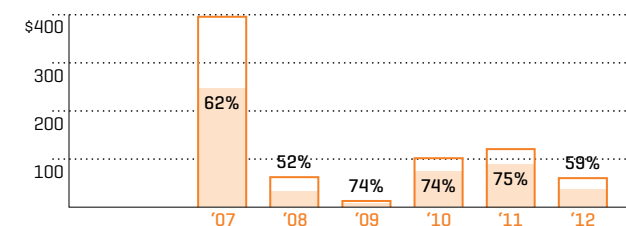


■ S&P Rated Volume	\$ 90	\$22	\$10	\$20	\$27	\$35
□ Rated Volume	\$113	\$33	\$15	\$38	\$49	\$53
# of Rated Issues	165	106	42	92	93	95

Sources: Harrison Scott Publications, Standard & Poor's

European Residential Mortgage-Backed Securities (RMBS) ^(a, d, e)

S&P penetration rate as a % of rated dollar volume

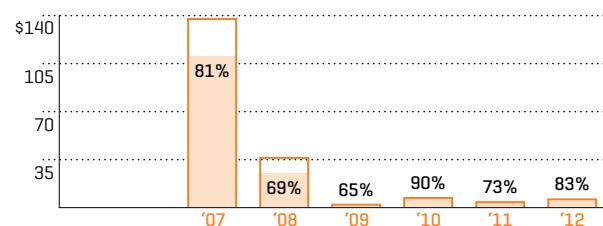


■ S&P Rated Volume	\$246	\$32	\$8	\$74	\$89	\$35
□ Rated Volume	\$399	\$62	\$11	\$101	\$119	\$60
# of Rated Issues	210	64	7	48	46	53

Sources: Harrison Scott Publications, Standard & Poor's

European Collateralized Debt Obligations (CDOs) ^(a, e)

S&P penetration rate as a % of rated dollar volume

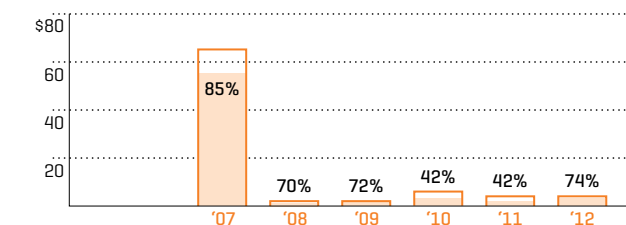


■ S&P Rated Volume	\$110	\$25	\$1	\$6	\$3	\$5
□ Rated Volume	\$137	\$36	\$2	\$7	\$4	\$6
# of Rated Issues	596	106	9	35	17	25

Sources: Harrison Scott Publications, Standard & Poor's

European Commercial Mortgage-Backed Securities (CMBS) ^(a, e)

S&P penetration rate as a % of rated dollar volume

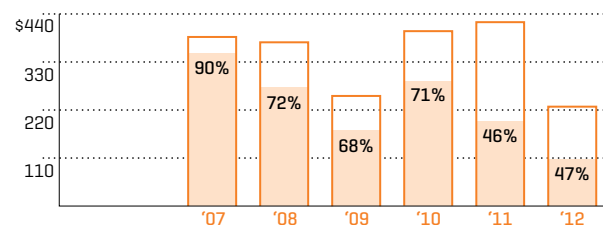


■ S&P Rated Volume	\$55	\$1	\$2	\$3	\$2	\$3
□ Rated Volume	\$65	\$2	\$2	\$6	\$4	\$4
# of Rated Issues	59	7	6	10	3	6

Sources: Harrison Scott Publications, Standard & Poor's

European Covered Bonds (CB) ^(a, e)

S&P penetration rate as a % of rated dollar volume



■ S&P Rated Volume	\$348	\$270	\$172	\$284	\$194	\$107
□ Rated Volume	\$386	\$374	\$252	\$400	\$420	\$227
# of Rated Issues	484	423	328	602	929	533

Sources: Harrison Scott Publications, Standard & Poor's

Data as of April 15, 2013

Percentages have been calculated based on unrounded figures

Notes for debt issuance:

- (a) Excludes confidential and repo transactions
- (b) Also includes Rule 144a (private placements), MTN takedowns, convertibles, and preferred stocks. Excludes private placements (except Rule 144a issues), retail notes, and commercial paper
- (c) Excludes asset-backed commercial paper and letters of credit
- (d) Includes home equity loans
- (e) European data includes Middle East and Africa regions

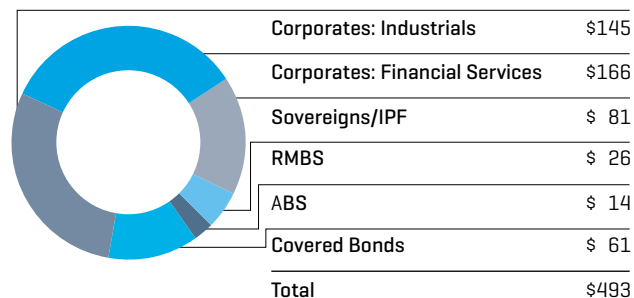
Asia-Pacific Region Debt Market

In 2012, Standard & Poor's rated approximately 57% of the \$493 billion of addressable debt issued in the Asia-Pacific market, including Australia, Japan, and South Korea, compared to 58% in 2011. Rated debt issue volume for corporates in Asia was \$311 billion, which is a 43% increase from 2011. Standard & Poor's 2012 market penetration was 74% for corporates, compared to 66% in 2011. For structured finance, rated issuance was up 10% from 2011, and Standard & Poor's rated approximately 26% of that volume, down from 69% in 2011.

The rated debt market is a component of the total debt market and includes only the debt securities issued with a rating. The rated Asia-Pacific debt market chart (shown below) is comprised of five new-issue categories: (1) Corporates (Industrials and Financial Services); (2) Sovereigns/International Public Finance (IPF); (3) Residential Mortgage-Backed Securities; (4) Asset-Backed Securities; and (5) Covered Bonds.

(annual figures; dollar volume in billions; data by domicile of issuer/assets)

Rated Asia-Pacific Debt Market: 2012 Dollar Volume by New Issue Category ^[a, b, c, d]



Data as of April 15, 2013

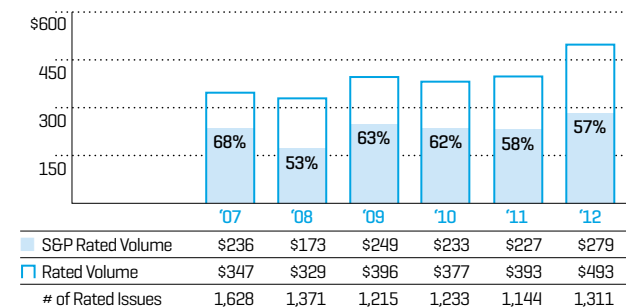
Percentages have been calculated based on unrounded figures

Notes for debt issuance:

- (a) Excludes confidential and repo transactions
- (b) Also includes Rule 144a (private placements), MTN takedowns, convertibles, and preferred stocks. Excludes sovereign issuers, private placements (except Rule 144a issues), retail notes, commercial paper, and all agency issues
- (c) Excludes asset-backed commercial paper and letters of credit
- (d) Includes home equity loans

Rated Asia-Pacific Debt Market ^[a, b, c, d]

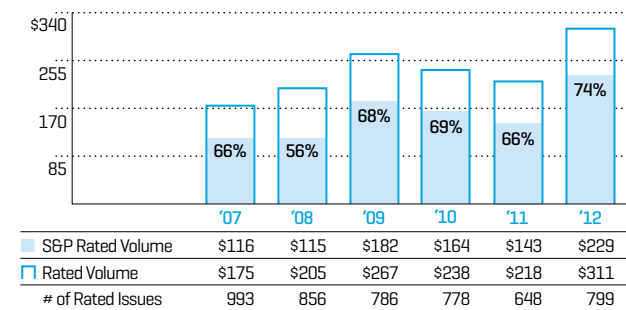
S&P penetration rate as a % of rated dollar volume



Sources: Thomson Reuters, Harrison Scott Publication, Standard & Poor's

Asian Corporates (Industrials and Financial Services) ^[b]

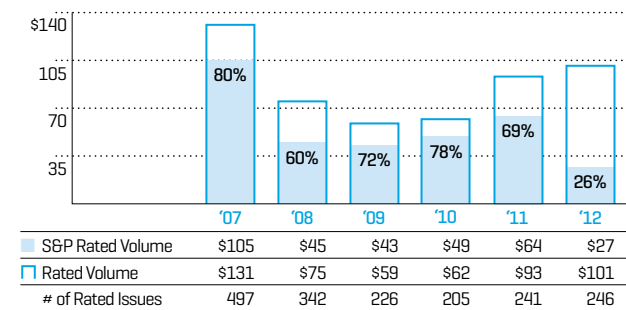
S&P penetration rate as a % of rated dollar volume



Sources: Thomson Reuters, Standard & Poor's

Asian Structured Finance ^[a, c, d]

S&P penetration rate as a % of rated dollar volume



Sources: Harrison Scott Publications, Standard & Poor's

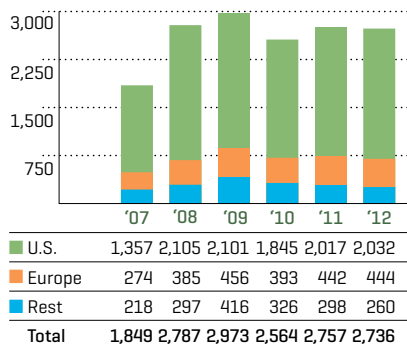
Standard & Poor's Ratings Services continues to diversify its business geographically and beyond new bond ratings. Product expansion has reduced Standard & Poor's reliance on bond issuance or interest-rate sensitive businesses. Geographic expansion has increased revenue from outside the United States [local and cross-border debt markets]. Below are examples of ratings and assessments offered by Standard & Poor's.

Ratings & Assessments

Bank Loan Ratings: An evaluation of a syndicated loan based on the likelihood of ultimate repayment of the loan and on the recovery value in the event of default.

Global Bank Loan Ratings

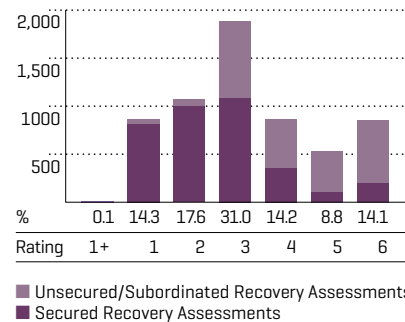
Number of Ratings Outstanding at Year-End



Recovery Assessments: Standard & Poor's Ratings Services is a leading provider of credit and recovery ratings for leveraged loans. Standard & Poor's assigns recovery ratings to all speculative-grade loans and bonds that it rates in nearly 30 countries, along with traditional credit ratings. As of May 2013, Standard & Poor's has recovery ratings on the debt obligations of more than 1,700 entities and produces detailed recovery reports on most of the debt obligations. These reports are available to syndicators and investors.

Recovery Assessments

Distribution of All Recovery Assessments as a % of total ratings



Standard & Poor's Recovery Assessments and Descriptions	Recovery Expectations*
1+ Highest expectation of full recovery	100%**
1 Very high recovery	90-100%
2 Substantial recovery	70-90%
3 Meaningful recovery	50-70%
4 Average recovery	30-50%
5 Modest recovery	10-30%
6 Negligible recovery	0-10%

* Recovery of principal plus accrued, but unpaid, interest at the time of default

** Very high confidence of full recovery resulting from significant overcollateralization or strong structural features

Source: Standard & Poor's [Data as of May 1, 2013]