

# Choosing the 3000 Individual Companies within NUS-RMI's Selected PD Coverage

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## Introduction

NUS-RMI's Credit Rating Initiative focuses on providing credit assessments for publicly-listed companies within the US, Canada, 7 Latin American, 17 Asian, 4 African and 35 European economies, as well as 6 countries within the Middle East. Individual company assessments are provided in the form of an RMI Probability of Default (RMI PD). Implementation details can be found on our [website](#).

The Asian economies are: Australia, China, Hong Kong, India, Indonesia, Japan, Kazakhstan, Malaysia, New Zealand, Pakistan, the Philippines, Singapore, South Korea, Sri Lanka, Taiwan, Thailand and Vietnam.

The European economies are: Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, the former Yugoslav Republic of Macedonia, Malta, the Netherlands, Norway, Poland, Portugal, Romania, the Russian Federation, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine and the United Kingdom.

African economies include: Egypt, Morocco, Nigeria and South Africa.

Within the Middle East, RMI's coverage includes: Bahrain, Israel, Jordan, Kuwait, Saudi Arabia and the United Arab Emirates.

Latin American economies include: Argentina, Brazil, Chile, Colombia, Mexico, Peru and Venezuela.

The selected companies represent a sampled showcase of the credit assessments derived from this initiative.

## Objectives

We adhere to 3 main criteria when selecting the companies to be included in the initiative:

1. To have a representative sample of companies that reflects the makeup of companies within the sectors of interest.
2. To display the range of NUS-RMI's credit ratings that characterizes the credit outlook for companies.
3. To capture the attention of the market audience through a sampling of noteworthy companies within different sectors.

## Selection Methodology

The selection process begins by determining the number of companies in each economy. The number of companies is determined according to the size of each economy. To prevent under-representation of smaller economies, the number of companies representing an economy cannot fall under a pre-allocated amount. With the number of companies to be selected from each sector determined, the companies are further allocated proportionally according to the size of each industry sector within that economy. Finally the  $N$  largest companies in each industry sector are selected based on the market capitalization. This process is described in detail below.

## Allocation of companies to individual economies

A total number of 1150 companies from Asia, 500 from the US, 100 from Canada, 100 from Latin America, 50 from Africa, 100 from the Middle East and 1000 from Europe were first determined.

Regarding the allocation of the 1150 companies from Asia, in order to prevent under-representation of companies from smaller economies, a minimum allocation of 30 companies to each of the 17 Asian economies is made first. The remaining 640 companies are then allocated proportionally to the size of each economy. The size of each economy was determined using the average market capitalization of its publicly listed companies.<sup>1</sup>

To ensure representation of all covered European economies, a minimum of 1 company was pre-allocated to each of the 35 European economies. The remaining 1,122 companies were then allocated proportionally based on the size of each economy. The size of an economy was determined using the average market capitalization of its publicly listed companies.<sup>2</sup>

A similar process was used for the other regions. In Latin America, each of the 7 countries was pre-allocated one company, with the remaining 93 choices determined by the size of each economy as before.<sup>3</sup> In Africa, each of the 4 countries was pre-allocated 5 companies, with the remaining 30 choices determined by the size of each economy as before.<sup>4</sup> In the Middle East, each of the 6 countries was pre-allocated 5 companies, with the remaining 70 choices determined by the size of each economy as before.<sup>5</sup>

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<sup>1</sup> We firstly computed the daily average market capitalization in the period from 1 November 2011 to 31 October 2012. Only companies that were domiciled in this economy with at least 50 trading days in this period were included in the sample. If a company does not have a market capitalization for a particular day, then we use the previous value unless a company event (e.g. merger) has occurred that gives reason not to use the previous market capitalization.

We then took the overall average across the period to obtain the average market capitalization data for each economy for the comparison purpose.

<sup>2</sup> The process for calculating the average market capitalization for the 35 European economies was similar to the process for Asian and North American economies. Please see footnote 1. The only difference was that we firstly computed the daily average market capitalization in the period from 1 November 2011 to 31 October 2012.

<sup>3</sup> The process for calculating the average market capitalization for the Latin American economies was similar to the process for other regions. Please see footnote 1. We firstly computed the daily average market capitalization in the period from 1 November 2011 to 31 October 2012.

<sup>4</sup> The process for calculating the average market capitalization for the Latin American economies was similar to the process for other regions. Please see footnote 1. We firstly computed the daily average market capitalization in the period from 1 November 2011 to 31 October 2012.

<sup>5</sup> The process for calculating the average market capitalization for the Latin American economies was similar to the process for other regions. Please see footnote 1. We firstly computed the daily average market capitalization in the period from 1 November 2011 to 31 October 2012.

### *Allocation of companies within each economy*

We used average market capitalization of each industry sector as the weighting to determine the allocation of companies within each economy<sup>6</sup>. The Bloomberg Industry Classification Standard (BICS) was used to classify the industry sectors. This taxonomy contains 13 sectors, namely, Asset Backed Securities, Basic Materials, Communications, Consumer cyclical, Consumer non-cyclical, Diversified, Energy, Financial, Funds, Government, Industrial, Technology and Utilities. Companies in Asset Backed Securities, Funds, or Government sector were excluded in our sample because of the different nature of these assets compared with corporates. Our rating efforts focused on the companies in the remaining 10 industry sectors.

### *Selection of companies in each industry sector*

Within each industry sector in an economy, if the number of companies to be selected had been determined to be  $N$  in the previous step, then the  $N$  largest companies by average daily market capitalization were chosen to be included in our selected coverage.

### *Exclusion of selected companies*

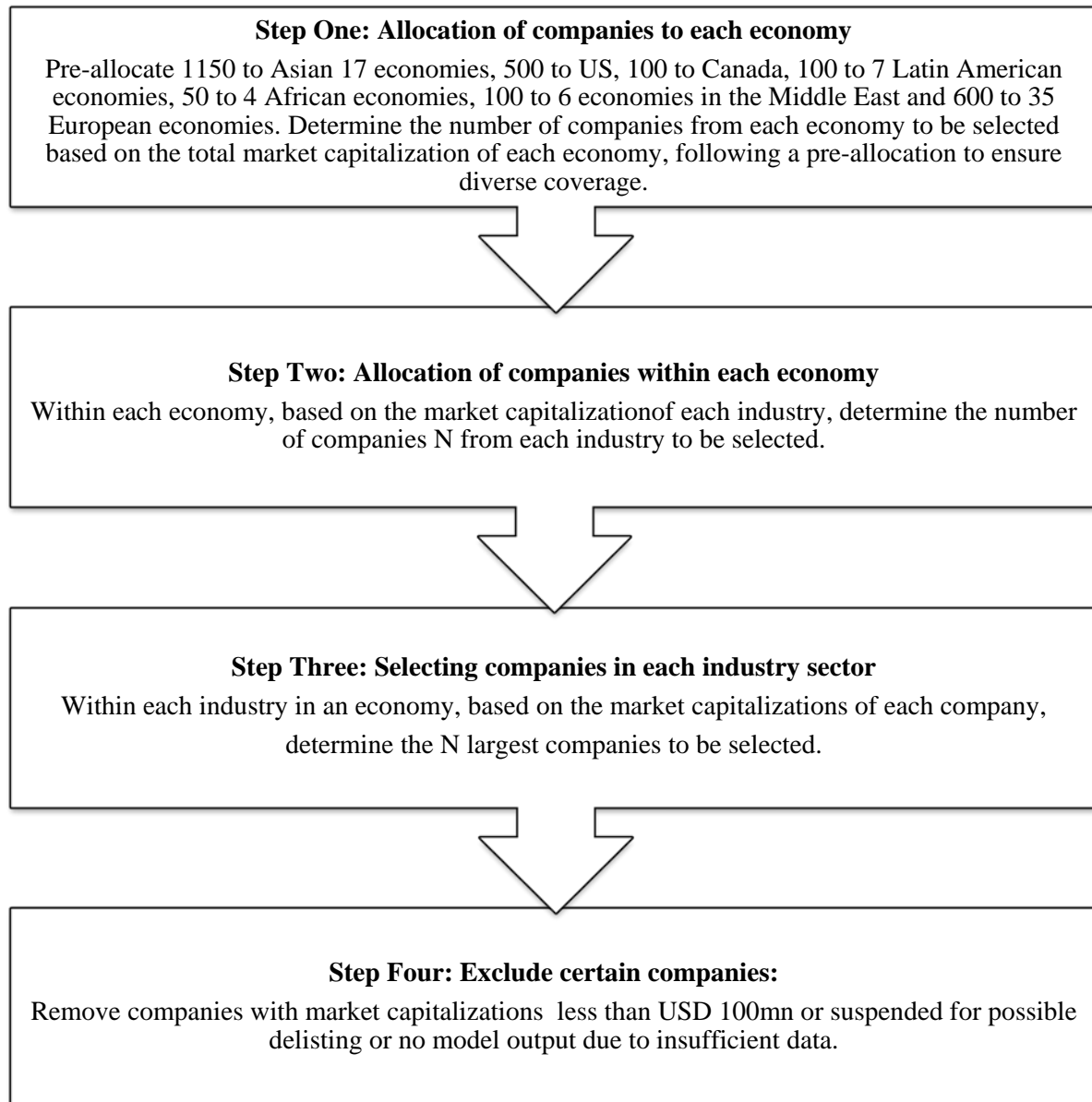
Finally, if any of the companies selected in this way had a market capitalization of less than USD 100mn (there was one such violation after the first three steps), they are removed from our list of companies. We also excluded companies suspended for possible delisting or insufficient data to produce a RMI PD.

The selection process described above is demonstrated in Figure 1. The final sample of firms with company forecast available on CRI website includes 1150 companies from 17 Asian economies, 500 companies from US, 100 companies from Canada, 100 companies from Latin America, 50 companies from Africa, 100 companies from the Middle East, and 1000 companies from Western Europe. A detailed distribution of the selected 3000 companies is shown in Figure 2. Figure 3 shows the industry breakdown of the selected companies in each of the economies.

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<sup>6</sup> The calculation of industry average market capitalization for Asian companies follows the same steps as in the calculation of average market capitalization for each Asian economy. Please see footnote 1. The average daily market capitalizations for companies from US and Canada from 1 November 2011 to 31 October 2012 were used. The calculation of industry's average market capitalization for European companies follows the same steps as in the calculation of average market capitalization for each European economy. Please see footnote 2. The average daily market capitalizations were used from 1 November 2011 to 31 October 2012 for companies from Europe.

**Figure 1: Selection Process for the 3000 Individual Companies within NUS-RMI's Selected PD Coverage**



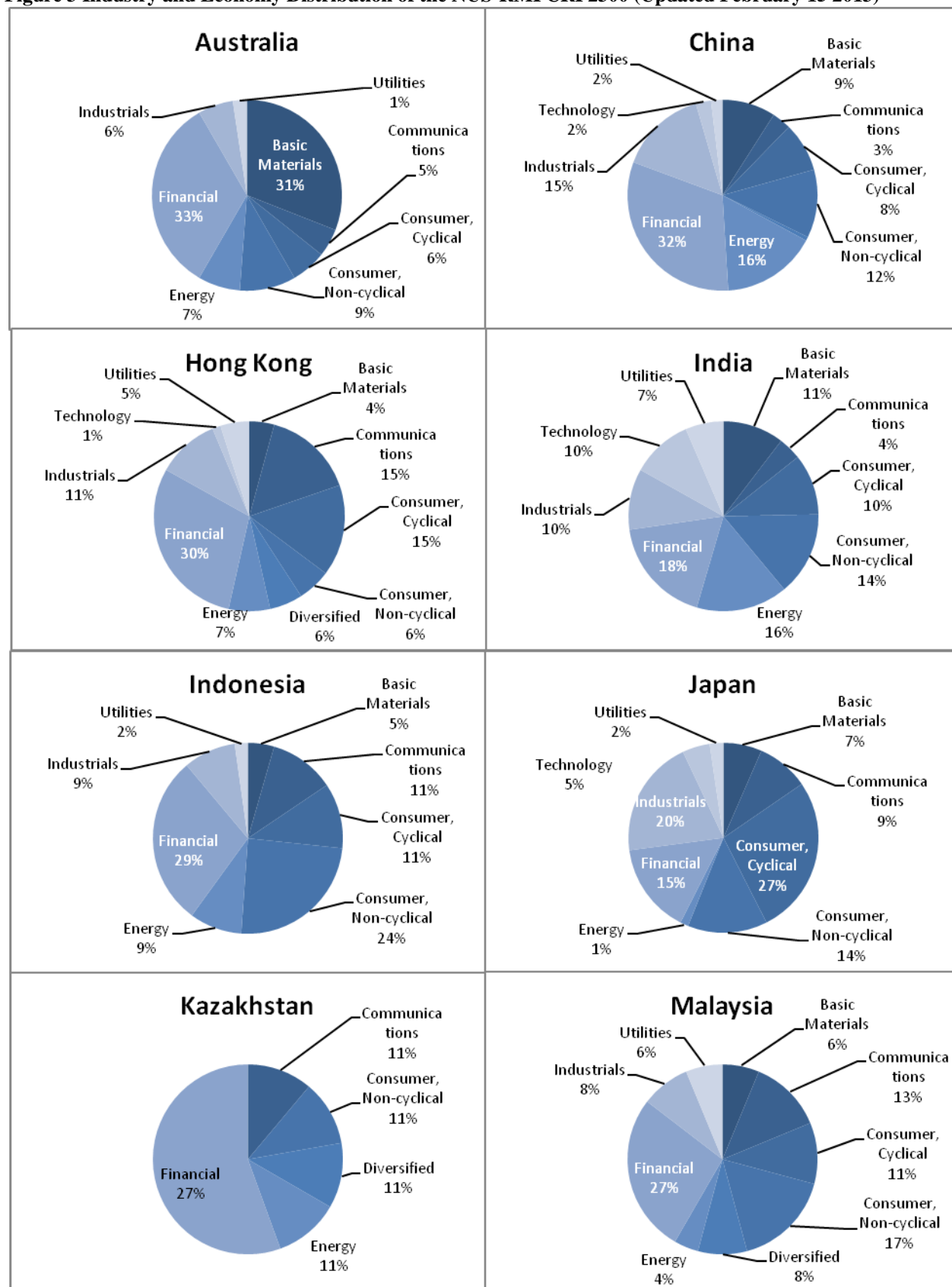
**Figure 2a. Distribution of the Selected Companies by economy (Updated February 15 2013)**

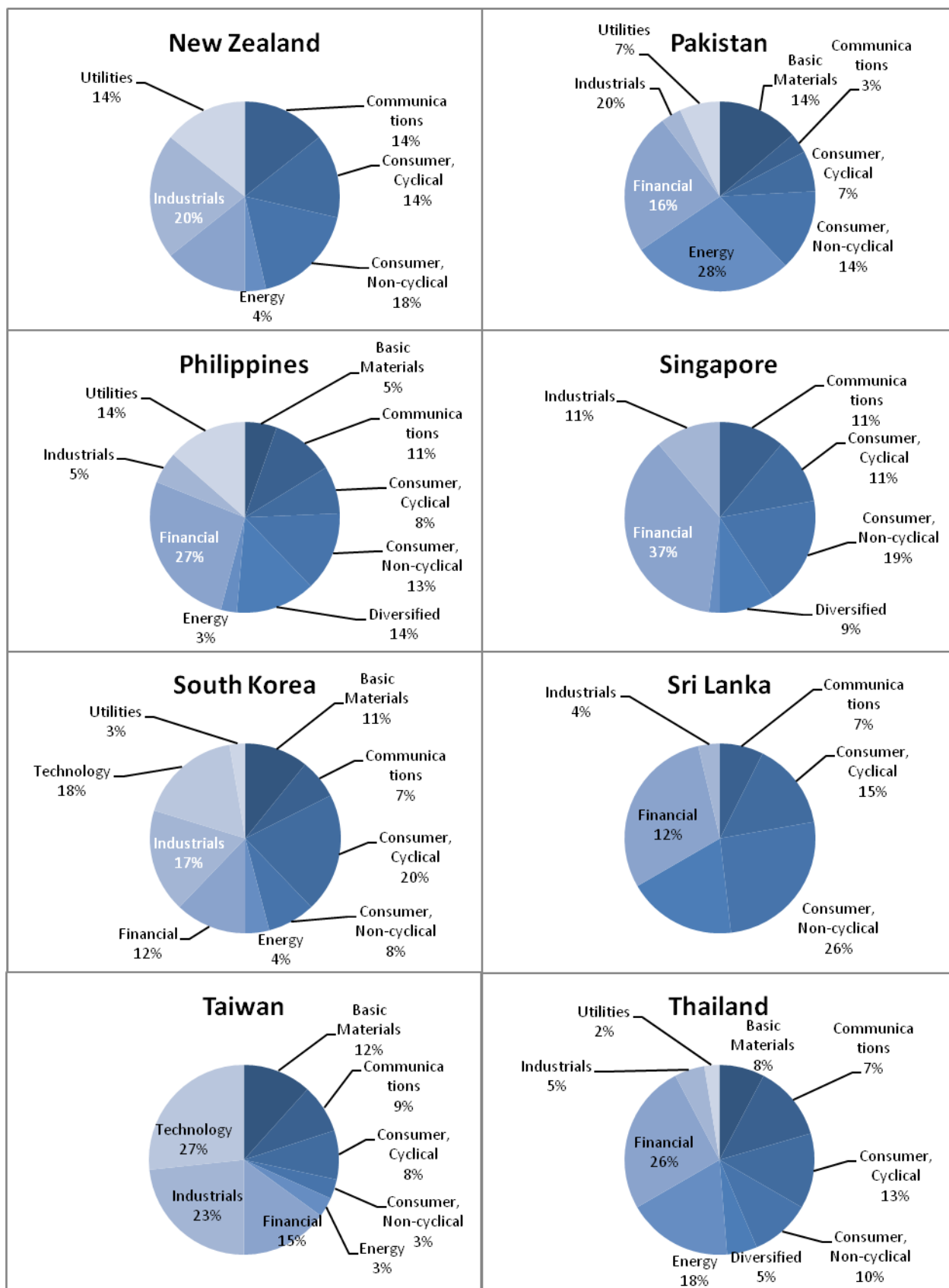
<b>Country</b>	<b>Total number of listed companies</b>	<b>Pre-allocation of companies</b>	<b>Further allocation by average market cap of economy</b>	<b>Total allocation</b>	<b>Percentage of the 3000 companies</b>
<b>Asia</b>	<b>28262</b>			<b>1150</b>	<b>38.33%</b>
Australia	2360	30	54	84	2.80%
China	3680	30	125	155	5.17%
Hong Kong	1262	30	112	142	4.73%
India	7044	30	47	77	2.57%
Indonesia	499	30	15	45	1.50%
Japan	3721	30	184	214	7.13%
Kazakhstan	77	9		9	0.30%
Malaysia	984	30	18	48	1.60%
New Zealand	197	28		28	0.93%
Pakistan	573	29		29	0.97%
Philippines	279	30	7	37	1.23%
Singapore	723	30	24	54	1.80%
South Korea	2187	30	44	74	2.47%
Sri Lanka	285	27		27	0.90%
Taiwan	1742	30	30	60	2.00%
Thailand	1799	30	9	39	1.30%
Vietnam	850	28		28	0.93%
<b>North America</b>	<b>5077</b>			<b>600</b>	<b>20%</b>
Canada	933	100		100	3.33%
United States	4144	500		500	16.67%
<b>Latin America</b>	<b>2190</b>			<b>100</b>	<b>3.33%</b>
Argentina	275	1	2	3	0.10%
Brazil	962	1	50	51	1.70%
Chile	269	1	13	14	0.47%
Colombia	98	1	6	7	0.23%
Mexico	263	1	18	19	0.63%
Peru	264	1	3	4	0.13%
Venezuela	59	1	1	2	0.07%
<b>Africa</b>	<b>903</b>			<b>50</b>	<b>1.67%</b>
Egypt	247	5	4	9	0.30%
Morocco	19	5	1	6	0.20%
Nigeria	204	5	1	6	0.20%
South Africa	433	5	24	29	0.97%
<b>The Middle East</b>	<b>1860</b>			<b>100</b>	<b>3.33%</b>
Bahrain	45	5		5	0.17%
Israel	1063	5	18	23	0.77%
Jordan	247	5	2	7	0.23%
Kuwait	208	5	7	12	0.40%
Saudi Arabia	168	5	36	41	1.37%
UAE	129	5	7	12	0.40%

**Figure 2b. Distribution of the Selected Companies by economy (Updated February 15 2013)**

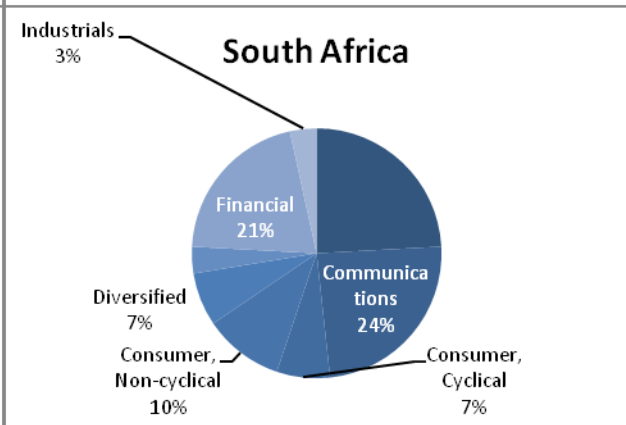
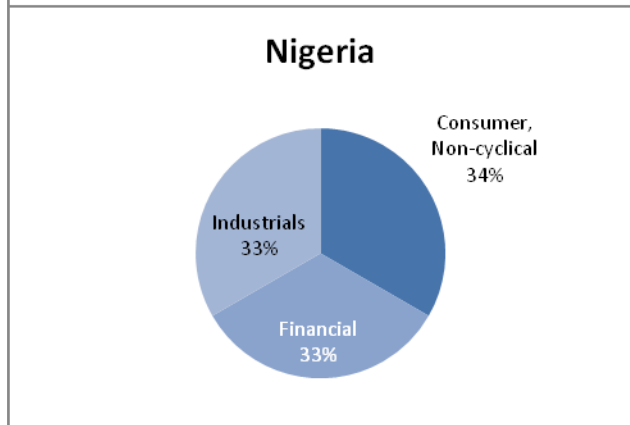
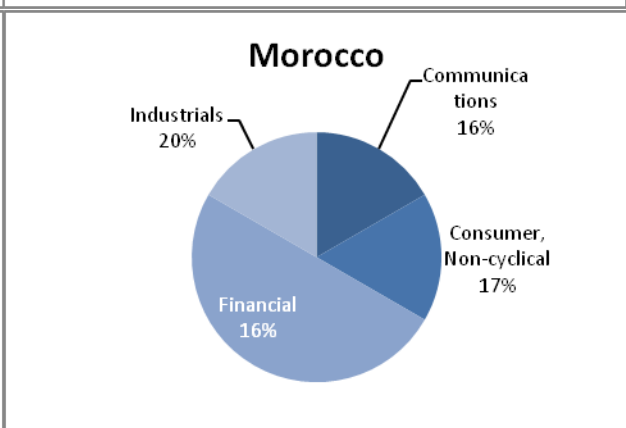
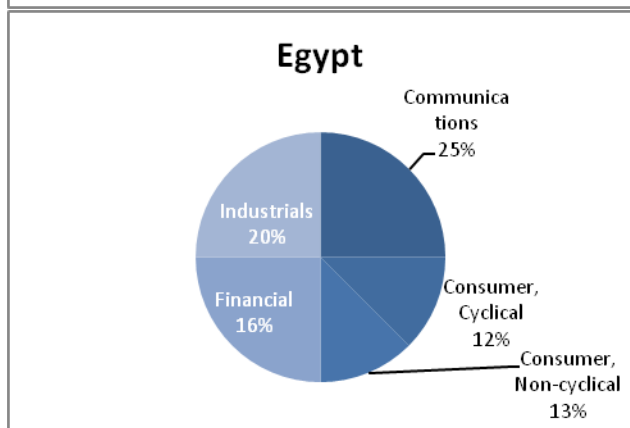
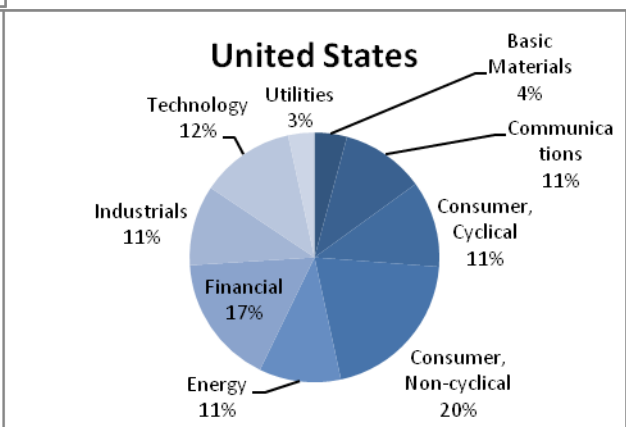
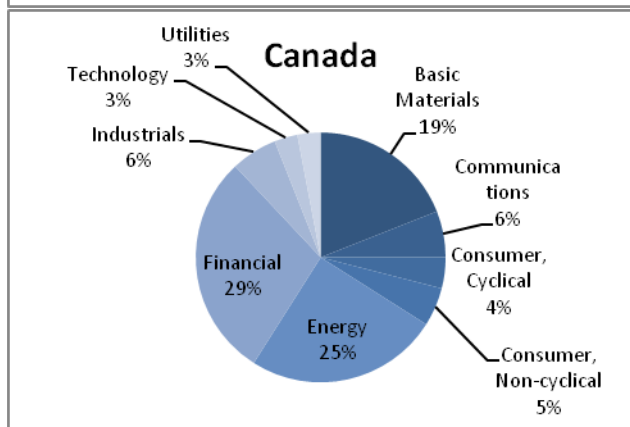
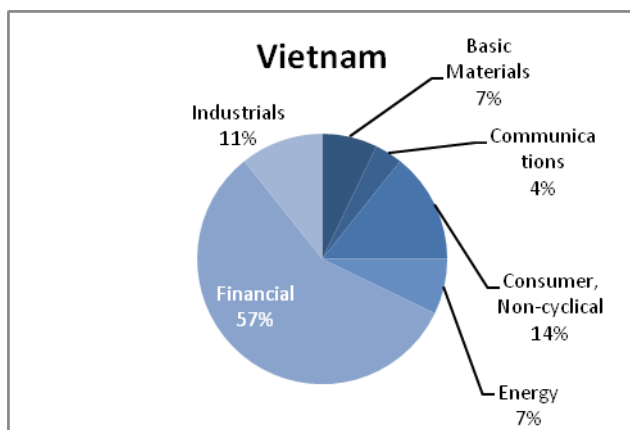
<b>Country</b>	<b>Total number of listed companies</b>	<b>Pre-allocation of companies</b>	<b>Further allocation by average market cap of economy</b>	<b>Total allocation</b>	<b>Percentage of the 3000 companies</b>
<b>Europe</b>	<b>40785</b>			<b>1000</b>	<b>33.33%</b>
Austria	713	1	7	8	0.27%
Belgium	933	1	20	21	0.70%
Bulgaria	415	1	5	6	0.20%
Croatia	272	1	5	6	0.20%
Cyprus	232	1		1	0.03%
Czech Republic	72	1	4	5	0.17%
Denmark	1071	1	18	19	0.63%
Estonia	39	1	4	5	0.17%
Finland	893	1	12	13	0.43%
France	4965	1	125	126	4.20%
Germany	4863	1	118	119	3.97%
Greece	641	1	5	6	0.20%
Hungary	90	1	4	5	0.17%
Iceland	12	1	2	3	0.10%
Ireland	2794	1	7	8	0.27%
Italy	1721	1	41	42	1.40%
Latvia	33	1	2	3	0.10%
Lithuania	39	1	4	5	0.17%
Luxembourg	68	1	1	2	0.07%
Macedonia	952	1	2	3	0.10%
Malta	46	1	4	5	0.17%
Netherlands	1134	1	36	37	1.23%
Norway	992	1	22	23	0.77%
Poland	886	1	14	15	0.50%
Portugal	335	1	5	6	0.20%
Romania	1453	1	4	5	0.17%
Russia	1362	1	50	51	1.70%
Slovakia	133	1	4	5	0.17%
Slovenia	160	1	4	5	0.17%
Spain	811	1	42	43	1.43%
Sweden	2124	1	47	48	1.60%
Switzerland	1957	1	76	77	2.57%
Turkey	464	1	19	20	0.67%
Ukraine	669	1	2	3	0.10%
United Kingdom	7441	1	250	251	8.37%
<b>Total</b>	<b>79077</b>			<b>3000</b>	<b>100%</b>

**Figure 3 Industry and Economy Distribution of the NUS-RMI CRI 2300 (Updated February 15 2013)**

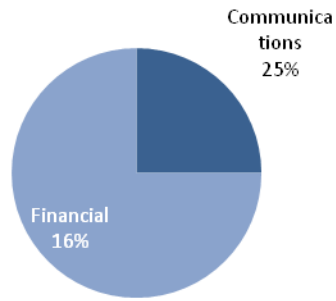




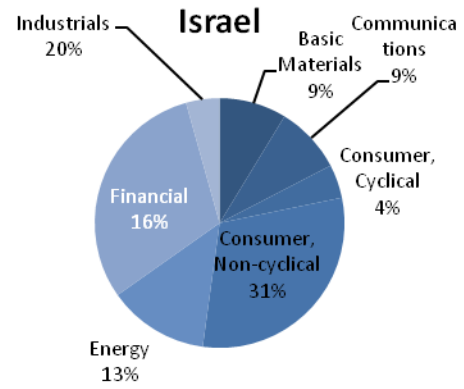




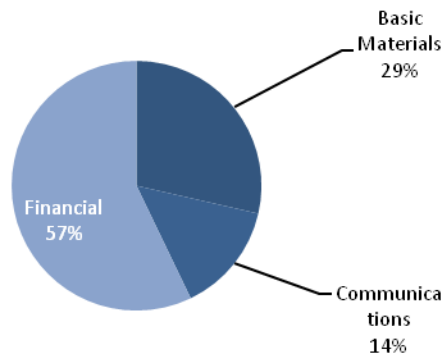
### Bahrain



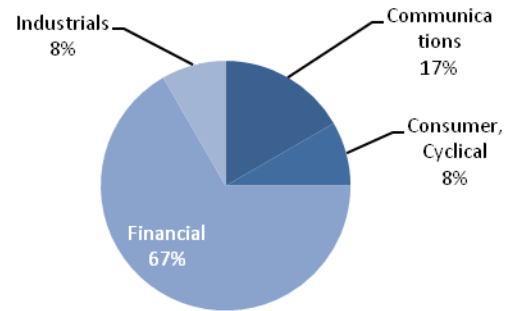
### Israel



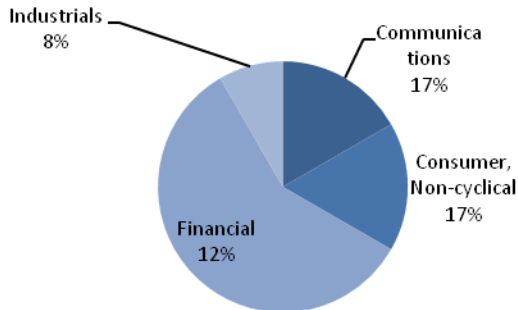
### Jordan



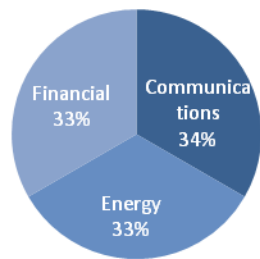
### Kuwait



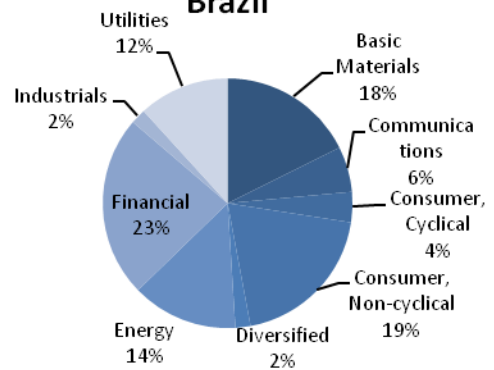
### United Arab Emirates



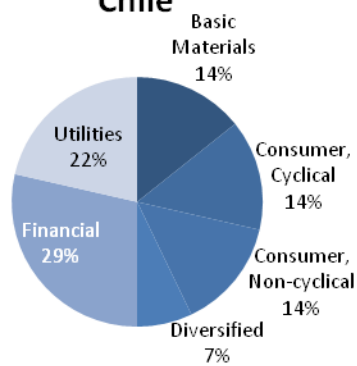
### Argentina



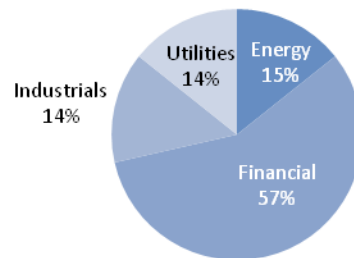
### Brazil



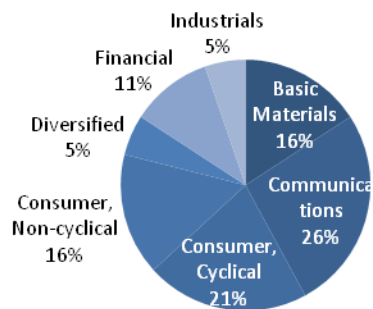
### Chile



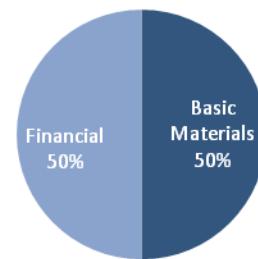
### Colombia



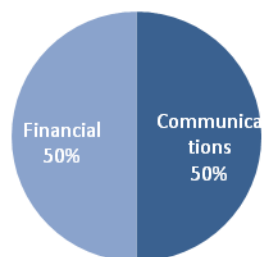
### Mexico



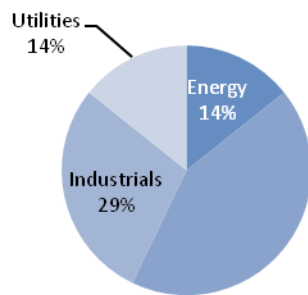
### Peru



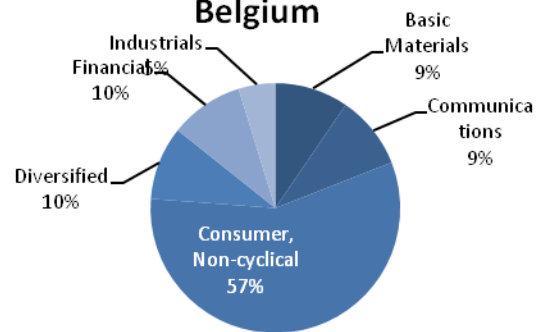
### Venezuela



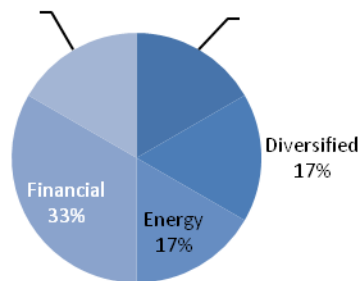
### Austria



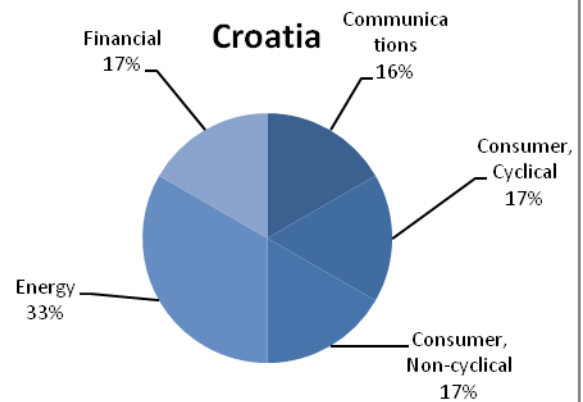
### Belgium



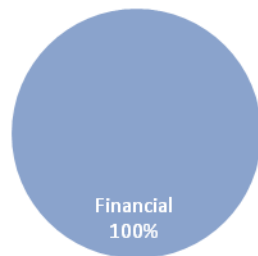
### Bulgaria



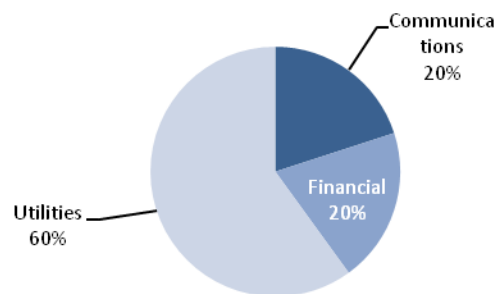
### Croatia



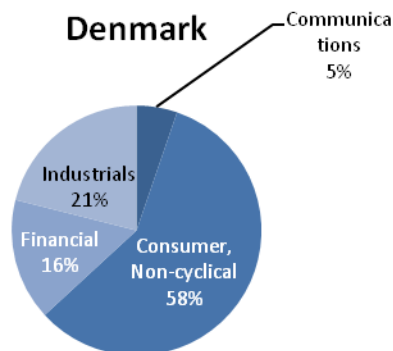
### Cyprus



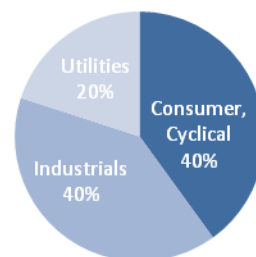
### Czech Republic

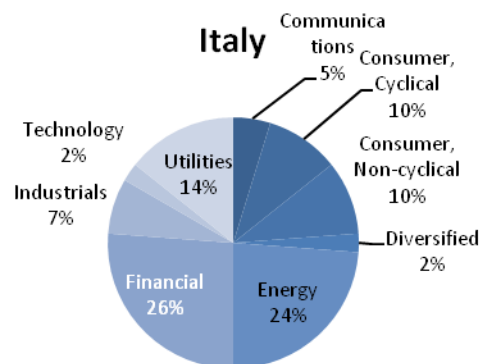
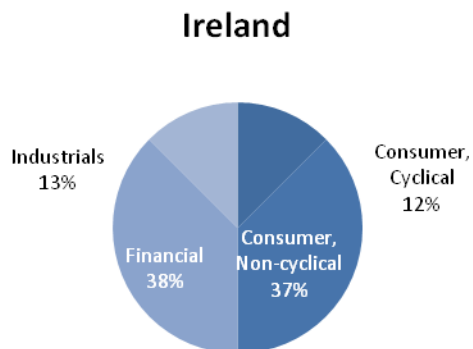
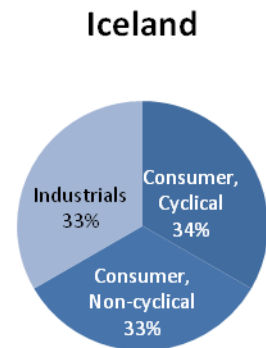
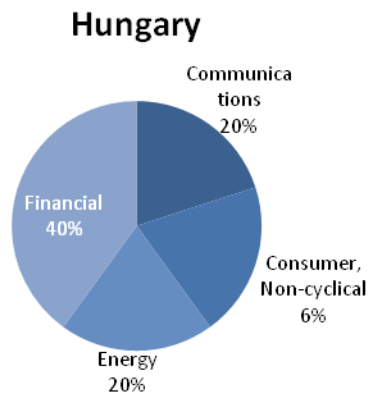
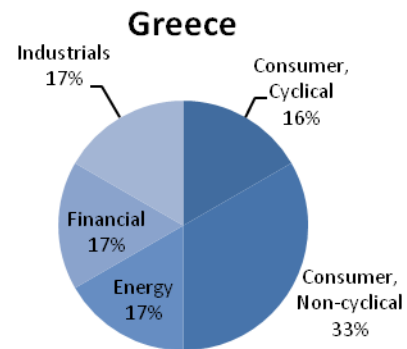
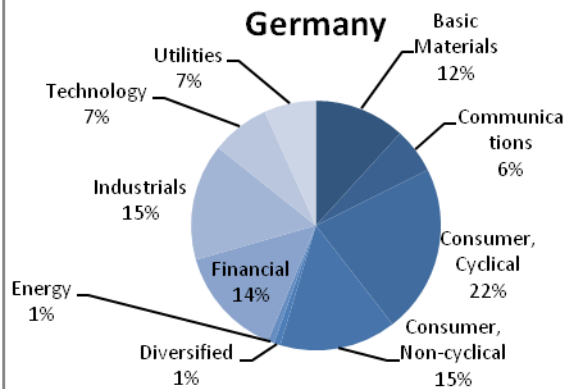
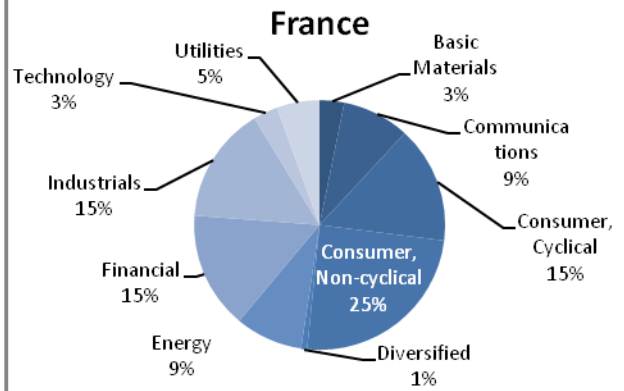
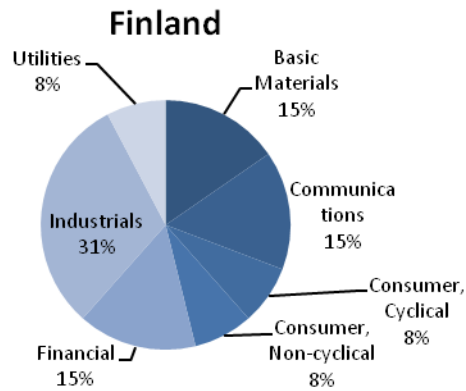


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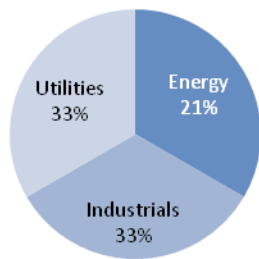


### Estonia

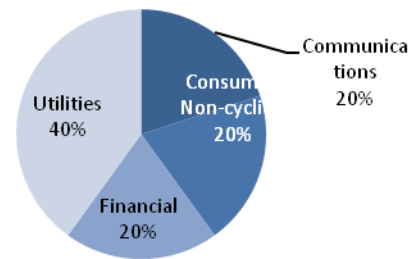




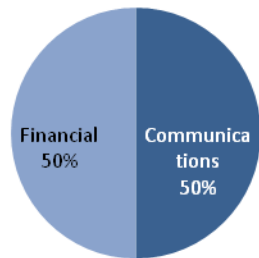
### Latvia



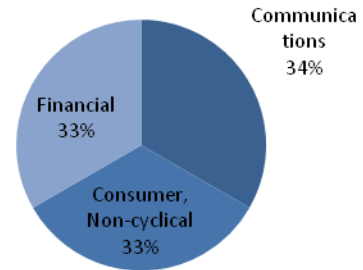
### Lithuania



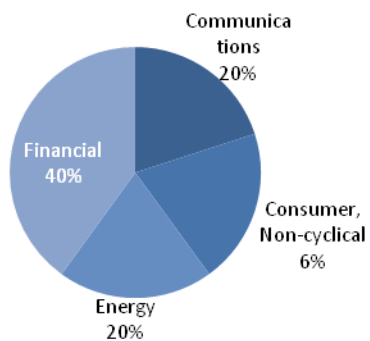
### Luxembourg



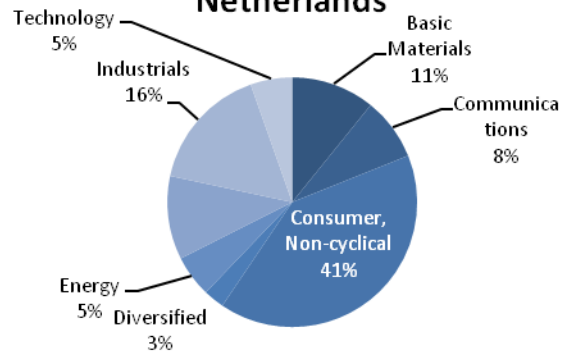
### Macedonia



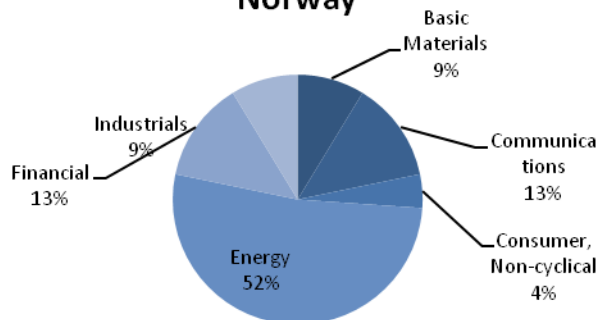
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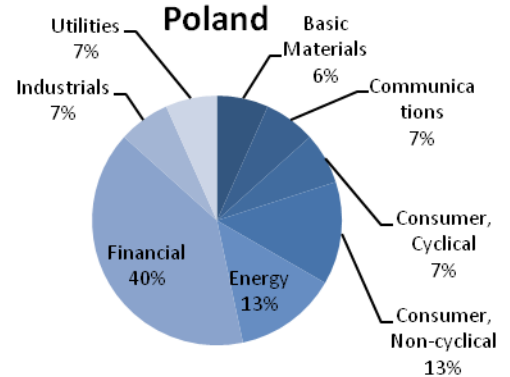
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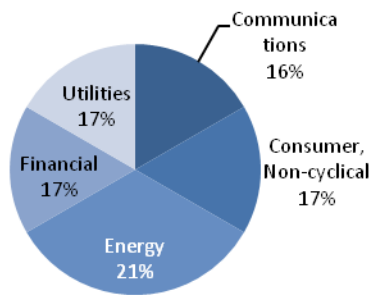
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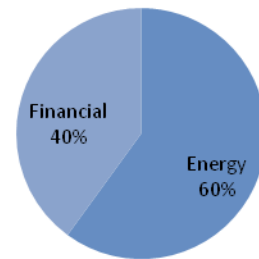
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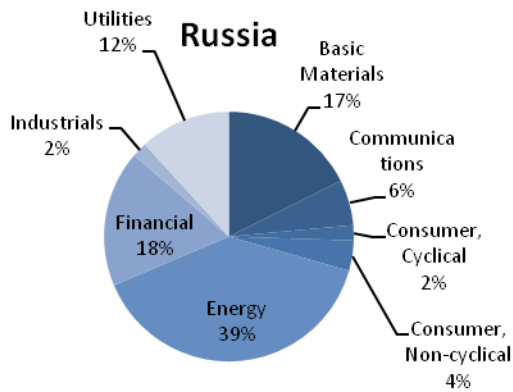
### Portugal



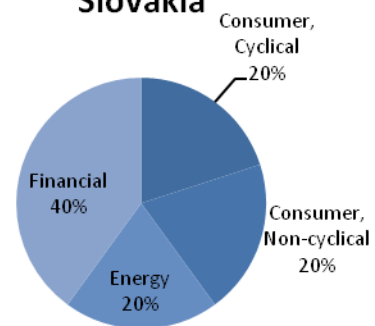
### Romania



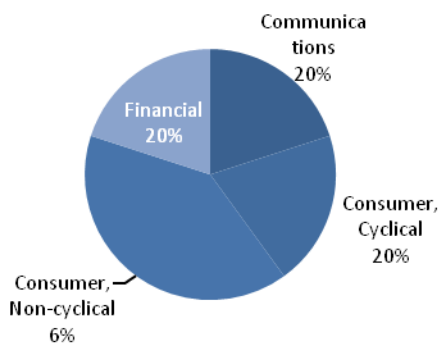
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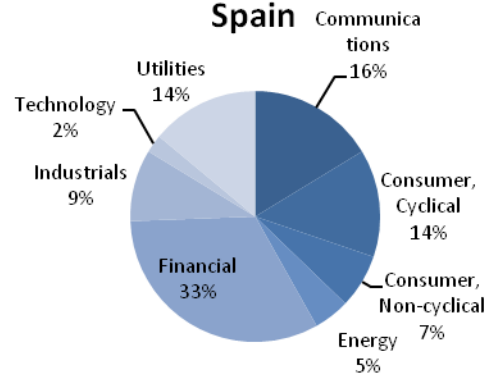
### Slovakia



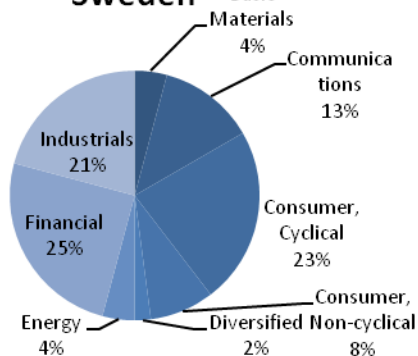
### Slovenia



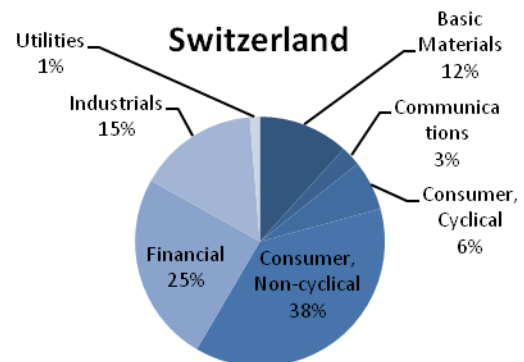
### Spain

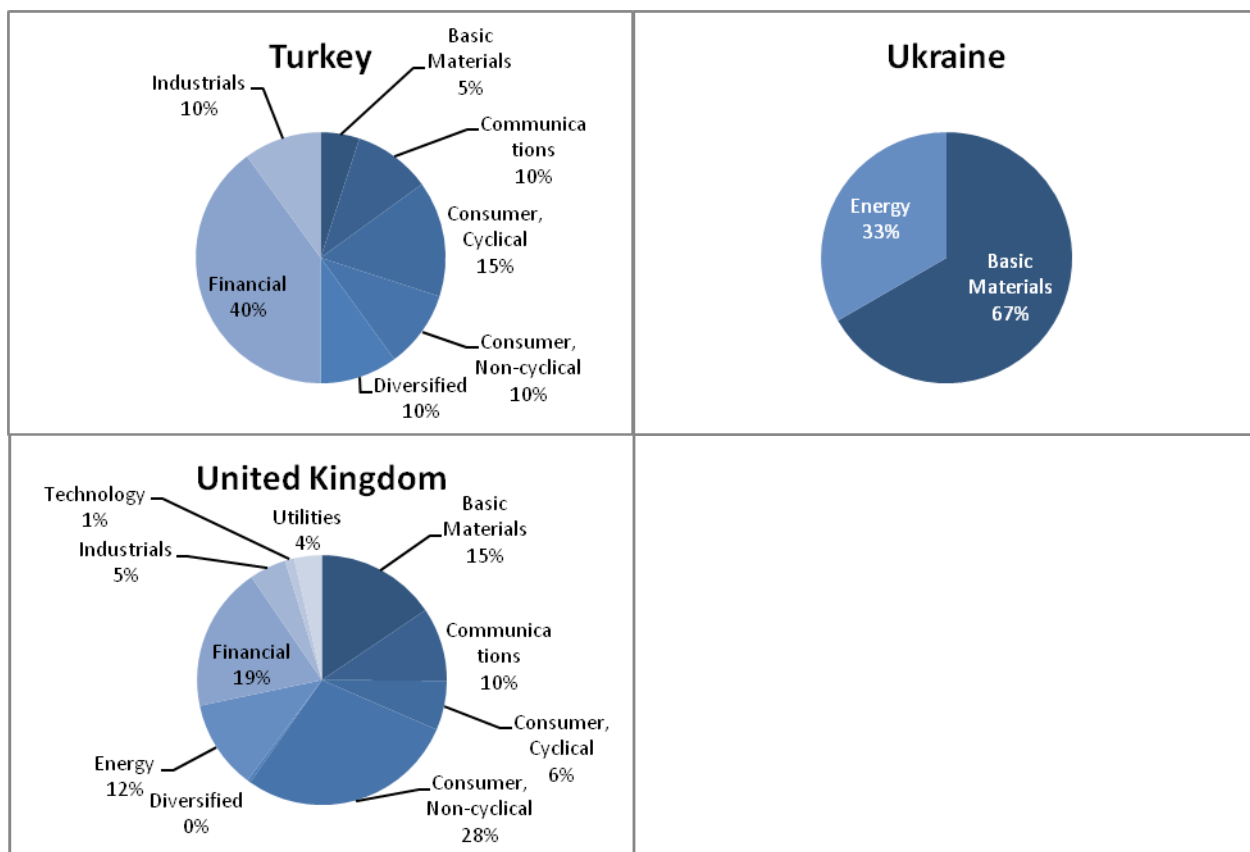


### Sweden



### Switzerland







## **Annual Update of the Selected Companies**

The current list of companies will be reviewed once a year, taking average market cap for the previous year to monitor any major changes in the list. Examples of major changes include material changes in the market capitalization of an industry relative to peers due to new IPOs of major companies, and material changes in the market capitalization of a country relative to peers due to macro-economic changes.

## **Removal and Replacement of the Selected Companies**

Aside from the yearly review, a company can be removed if it is affected by a major event, such as bankruptcy, mergers, acquisitions, delisting from the stock exchange, or an extended period of trading suspension. In the event any of the above occur, the given company will be replaced by the company with the next largest market capitalization in the economy.

## Notes:

**Date: July 11, 2012**

Initially, OTC-BB companies in the US and the TSX Venture Exchange companies in Canada were being considered in the calibration and aggregation of results. While these firms have similar reporting requirements as those listed on the larger exchanges, OTC-BB companies are formally considered as unlisted companies and we have decided to exclude them in model calibration and economy/sector aggregates. As well, the inclusion of this large number of small firms was affecting the model calibration and aggregation in a minor way. Since common perceptions of different economies are in terms of the large-cap and mid-cap companies, we have made the decision to include only the major exchanges in each economy, and exclude exchanges that have substantially lesser listing requirements.

## Appendix 1: Industry and Economy Distribution of the NUS-RMI CRI 2300 (Updated on February 15, 2013)

	RMI coverage	Basic Materials	Communi-cations	Consumer, Cyclical	Consumer, Non-cyclical	Diversified	Energy	Financial	Industrial	Technology	Utilities
<b>Asia</b>	<b>1150</b>										
Australia	<b>84</b>	26	4	5	8		6	28	5		2
China	<b>155</b>	14	5	13	18	1	25	49	23	4	3
Hong Kong	<b>142</b>	6	22	22	8	8	10	42	15	2	7
India	<b>77</b>	8	3	8	11		12	14	8	8	5
Indonesia	<b>45</b>	2	5	5	11		4	13	4		1
Japan	<b>214</b>	14	19	58	29		3	33	43	10	5
Kazakhstan	<b>9</b>		1		1	1	1	5			
Malaysia	<b>48</b>	3	6	5	8	4	2	13	4		3
New Zealand	<b>28</b>		4	4	5		1	4	6		4
Pakistan	<b>29</b>	4	1	2	4		8	7	1		2
Philippines	<b>37</b>	2	4	3	5	5	1	10	2		5
Singapore	<b>54</b>		6	6	10	5	1	20	6		
South Korea	<b>74</b>	8	5	15	6		3	9	13	13	2
Sri Lanka	<b>27</b>		2	4	7	5		8	1		
Taiwan	<b>60</b>	7	5	5	2		2	9	14	16	
Thailand	<b>39</b>	3	5	5	4	2	7	10	2		1
Vietnam	<b>28</b>	2	1		4		2	16	3		
<b>North America</b>	<b>600</b>										
Canada	<b>100</b>	19	6	4	5		25	29	6	3	3
United States	<b>500</b>	21	54	56	102		53	84	52	61	17
<b>Latin America</b>	<b>100</b>										
Argentina	<b>3</b>		1				1	1			
Brazil	<b>51</b>	9	3	2	10	1	7	12	1		6
Chile	<b>14</b>	2		2	2	1		4			3
Colombia	<b>7</b>						1	4	1		1
Mexico	<b>19</b>	3	5	4	3	1		2	1		
Peru	<b>4</b>	2						2			
Venezuela	<b>2</b>		1					1			

	<b>RMI coverage</b>	<b>Basic Materials</b>	<b>Communi- -cations</b>	<b>Consumer, Cyclical</b>	<b>Consumer, Non- cyclical</b>	<b>Diversified</b>	<b>Energy</b>	<b>Financial</b>	<b>Industrial</b>	<b>Technology</b>	<b>Utilities</b>
<b>Europe</b>	<b>1000</b>										
Austria	7						1	3	2		1
Belgium	21	2	2		12	2		2	1		
Bulgaria	6				1	1	1	2	1		
Croatia	6		1	1	1		2	1			
Cyprus	1							1			
Czech Republic	5		1					1			3
Denmark	19		1		11			3	4		
Estonia	5			2					2		1
Finland	13	2	2	1	1			2	4		1
France	126	4	11	19	31	1	11	19	19	4	7
Germany	119	14	7	26	18	1	1	17	18	9	8
Greece	6			1	2		1	1	1		
Hungary	5		1		1		1	2			
Iceland	3			1	1				1		
Ireland	8			1	3			3	1		
Italy	42		2	4	4	1	10	11	3	1	6
Latvia	3						1		1		1
Lithuania	5		1		1			1			2
Luxembourg	2		1					1			
Macedonia	3		1		1			1			
Malta	5			1				3	1		
Netherlands	37	4	3		15	1	2	4	6	2	
Norway	23	2	3		1		12	3	2		
Poland	15	1	1	1	2		2	6	1		1
Portugal	6		1		1		2	1			1
Romania	5						3	2			
Russia	51	9	3	1	2		20	9	1		6
Slovakia	5			1	1		1	2			
Slovenia	5		1	1	2			1			
Spain	43		7	6	3		2	14	4	1	6

	<b>RMI coverage</b>	<b>Basic Materials</b>	<b>Communi -cations</b>	<b>Consumer, Cyclical</b>	<b>Consumer, Non- cyclical</b>	<b>Diversified</b>	<b>Energy</b>	<b>Financial</b>	<b>Industrial</b>	<b>Technology</b>	<b>Utilities</b>
Sweden	48	2	6	11	4	1	2	12	10		
Switzerland	77	9	2	5	29			19	12		1
Turkey	20	1	2	3	2	2		8	2		
Ukraine	3	2					1				
United Kingdom	251	39	24	16	71	1	29	47	12	3	9
<b>Africa</b>	<b>50</b>										
Egypt	8		2	1	1			2	2		
Morocco	6		1		1			3	1		
Nigeria	6				2			2	2		
South Africa	29	7	7	2	3	2	1	6	1		
<b>Middle East</b>	<b>100</b>										
Bahrain	4		1					3			
Israel	23	2	2	1	7		3	7	1		
Jordan	7	2	1					4			
Kuwait	12		2	1				8	1		
Saudi Arabia	41	14	5	1	2	1		13	3		2
United Arab Emirates	12		2		2			7	1		

## Appendix 2: Change of the Selected Companies (Updated on October 11, 2013)

Changes to the group of selected companies will be listed here after each monthly calibration.

Effective Date	Replaced Companies	Domicile	Reason	Action
15 October 2012	Metro Pacific Tollways Corp	Philippines	Cancellation of Listing, delisted	Replaced with PNOC Exploration Corp
21 November 2012	Consolidated Media Holdings Ltd	Australia	Acquired / merged, delisted	Replaced with Computershare Ltd
28 November 2012	Bankia SA	Spain	Debt restructuring	Replaced with Prosegur Cia de Seguridad SA
28 November 2012	Fisher & Paykel Appliances Holdings Ltd	New Zealand	Acquired / merged, delisted	Replaced with Nuplex Industries Ltd
3 December 2012	Cooper Industries PLC	United States	Acquired / merged, delisted	Replaced with Kraft Foods Group Inc
6 December 2012	Refinaria de Petroleos de Manguinhos SA	Brazil	Bankruptcy	Replaced with Cia Energetica de Sao Paulo
29 March 2013	SUEK-Krasnoyarsk	Russian Federation	Cancellation of Listing, delisted	Replaced with United Co RUSAL Plc
22 February 2013	Asia Pacific Breweries Ltd	Singapore	Acquired / merged, delisted	Replaced with Avago Technologies Ltd
27 February 2013	Devgen	Belgium	Not available, delisted	Replaced with Fluxys Belgium
27 February 2013	Lupatech SA	Brazil	Debt restructuring, default corp action	Replaced with Multiplan Empreendimentos Imobiliarios SA
28 February 2013	Vyksa Metallurgical Plant OJSC	Russian Federation	Cancellation of listing, delisted	Replaced with CTC Media Inc
1 March 2013	Jefferies Group Inc	United States	Acquired / merged, delisted	Replaced with AbbVie Inc
1 March 2013	Nexen Inc	Canada	Acquired / merged, delisted	Replaced with Pembina Pipeline Corp
13 March 2013	Duvel Moortgat SA	Belgium	Acquired / merged, delisted	Replaced with Ackermans & van Haaren NV
25 March 2013	Cyprus Popular Bank PCL	Cyprus	Bankruptcy	Replaced with Mriya Agro Holding PLC

<b>Effective Date</b>	<b>Replaced Companies</b>	<b>Domicile</b>	<b>Reason</b>	<b>Action</b>
13 March 2013	Tognum AG	Germany	Cancellation of listing, delisted	Replaced with Telefonica Deutschland Holding AG
27 March 2013	Aegis Group PLC	United Kingdom	Acquired / merged, delisted	Replaced with Willis Group Holdings PLC
22 March 2013	Lingui Development BHD	Malaysia	Cancellation of listing, delisted	Replaced with Astro Malaysia Holdings Bhd
13 March 2013	Mediq NV	Netherlands	Acquired / merged, delisted	Replaced with VimpelCom Ltd
10 April 2013	Inmet Mining Corp	Canada	Acquired / merged, delisted	Replaced with ARC Resources Ltd
26 April 2013	Korea Exchange Bank	South Korea	Acquired / merged, delisted	Replaced with GS Holdings
3 May 2013	Xstrata PLC	Switzerland	Acquired / merged, delisted	Replaced with ACE Ltd
6 May 2013	Banco Espanol de Credito SA	Spain	Acquired / merged, delisted	Replaced with Bankia SA
15 May 2013	San Miguel Brewery Inc	Philippines	Cancellation of listing, delisted	Replaced with LT Group Inc
24 May 2013	Metrovacesa SA	Spain	Acquired / merged, delisted	Replaced with Ebro Foods SA
10 June 2013	HJ Heinz Co	United States	Acquired / merged, delisted	Replaced with Regeneron Pharmaceuticals Inc
10 June 2013	Virgin Media Inc	United States	Acquired / merged, delisted	Replaced with Zoetis Inc
25 June 2013	SCA Hygiene Products SE	Germany	Not available, delisted	Replaced with SQS Software Quality Systems AG
10 July 2013	Clearwire Corp	United States	Acquired / merged, delisted	Replaced with LinkedIn Corp
11 July 2013	Sprint Nextel Corp	United States	Acquired / merged, delisted	Replaced with Liberty Media Corp
15 July 2013	Severomoravska Plynarenska	Czech Republic	Cancellation of listing, delisted	Replaced with Unipetrol AS
15 July 2013	Vychodoceska Plynarenska AS	Czech Republic	Cancellation of listing, delisted	Replaced with Philip Morris CR AS
24 July 2013	Coca Cola Hellenic Bottling Co SA	Greece	Cancellation of listing, delisted	Replaced with Hellenic Telecommunications Organization SA

<b>Effective Date</b>	<b>Replaced Companies</b>	<b>Domicile</b>	<b>Reason</b>	<b>Action</b>
29 July 2013	Mobile Telecommunications Co Saudi Arabia	Saudi Arabia	Debt restructuring, default corp action	Replaced with Bank Albilad
29 July 2013	Douglas Holding AG	Germany	Cancellation of listing, delisted	Replaced with Evonik Industries AG
30 July 2013	Jupiter Telecommunications Co Ltd	Japan	Acquired / merged, delisted	Replaced with Japan Airlines Co Ltd
12 August 2013	Vueling Airlines SA	Spain	Not available, delisted	Replaced with Obrascón Huarte Lain SA
20 August 2013	Allied Technologies Ltd	South Africa	Acquired / merged, delisted	Replaced with Investec Ltd
28 August 2013	Dyckerhoff AG	Germany	Cancellation of listing, delisted	Replaced with Talanx AG
2 September 2013	Raspadskaya OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Enel OGC-5 OJSC
2 September 2013	Sistema JSFC	Russian Federation	Cancellation of listing, delisted	Replaced with OGC-2 OAO
2 September 2013	Federal Grid Co Unified Energy System JSC	Russian Federation	Cancellation of listing, delisted	Replaced with Cherkizovo Group OJSC
2 September 2013	Inter RAO JSC	Russian Federation	Cancellation of listing, delisted	Replaced with TGK-9 OAO
2 September 2013	Moscow United Electric Grid Co JSC	Russian Federation	Cancellation of listing, delisted	Replaced with World Trade Center Moscow
2 September 2013	RusHydro JSC	Russian Federation	Cancellation of listing, delisted	Replaced with TGK-1 OAO
2 September 2013	PIK Group	Russian Federation	Cancellation of listing, delisted	Replaced with FEED
2 September 2013	Magnit OJSC	Russian Federation	Cancellation of listing, delisted	Replaced with CTC Media Inc
2 September 2013	E.ON Russia JSC	Russian Federation	Cancellation of listing, delisted	Replaced with Interregional Distribution Network Co Center and Privolzhya OJSC
2 September 2013	Russian Grids OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Synergy Co
2 September 2013	Lukoil OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Interregional Distribution Network Co Volga OAO



<b>Effective Date</b>	<b>Replaced Companies</b>	<b>Domicile</b>	<b>Reason</b>	<b>Action</b>
2 September 2013	Surgutneftegas OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Interregional Distribution Grid Co Centre JSC
2 September 2013	Magnitogorsk Iron & Steel Works	Russian Federation	Cancellation of listing, delisted	Replaced with Interregional Distribution Network Co Urala OAO
2 September 2013	Tatneft OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Vozrozhdenie Bank
2 September 2013	Aeroflot - Russian Airlines OJSC	Russian Federation	Cancellation of listing, delisted	Replaced with AvtoVAZ OAO
2 September 2013	Sberbank of Russia	Russian Federation	Cancellation of listing, delisted	Replaced with Kamaz OJSC
2 September 2013	Uralkali OJSC	Russian Federation	Cancellation of listing, delisted	Replaced with Moscow City Telephone PJSC
2 September 2013	Gazprom Neft OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Exillon Energy PLC
2 September 2013	Rostelecom OJSC	Russian Federation	Cancellation of listing, delisted	Replaced with Kubanenergo OAO
2 September 2013	Severstal OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Krasnoyarsk Hydro-Power Plant
2 September 2013	Rosneft OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Nizhnekamskneftekhim OAO
2 September 2013	Gazprom OAO	Russian Federation	Cancellation of listing, delisted	Replaced with UTair Aviation
2 September 2013	Novolipetsk Steel OJSC	Russian Federation	Cancellation of listing, delisted	Replaced with Chelyabinsk Pipe Works
2 September 2013	VTB Bank OJSC	Russian Federation	Cancellation of listing, delisted	Replaced with Protek
2 September 2013	MMC Norilsk Nickel OJSC	Russian Federation	Cancellation of listing, delisted	Replaced with Dorogobuzh
2 September 2013	AK Transneft OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Sibirskiy Cement OAO
2 September 2013	TMK OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Korshunovsky OJSC
2 September 2013	Mechel	Russian Federation	Cancellation of listing, delisted	Replaced with IBS Group Holding Ltd

<b>Effective Date</b>	<b>Replaced Companies</b>	<b>Domicile</b>	<b>Reason</b>	<b>Action</b>
2 September 2013	LSR Group	Russian Federation	Cancellation of listing, delisted	Replaced with Ros Agro PLC
2 September 2013	NovaTek OAO	Russian Federation	Cancellation of listing, delisted	Replaced with Hydraulic Machines and Systems Group PLC
2 September 2013	Mobile Telesystems OJSC	Russian Federation	Cancellation of listing, delisted	Replaced with Akb Mosoblbank
11 September 2013	BMC Software Inc	United States	Acquired / merged, delisted	Replaced with Northeast Utilities
13 September 2013	Unilever Pakistan Ltd	Pakistan	The company's request, delisted	Replaced with Kot Addu Power Co Ltd
16 September 2013	Codere SA/Spain	Spain	Coupon payment only, default corp action	Replaced with Acerinox SA
18 September 2013	GD Midea Holding Co Ltd	China	Acquired / merged, delisted	Replaced with People's Insurance Co Group of China Ltd
24 September 2013	PetroVietnam Finance JSC	Vietnam	Acquired / merged, delisted	Replaced with Pha Lai Thermal Power JSC
27 September 2013	Konzum DD	Croatia	Not available, delisted	Replaced with Privredna Banka Zagreb dd
30 September 2013	Fiat Industrial SpA	Italy	Acquired / merged, delisted	Replaced with Prada SpA
1 October 2013	Sterlite Industries India Ltd	India	Acquired / merged, delisted	Replaced with Bharti Infratel Ltd
1 October 2013	Satyam Computer Services Ltd	India	Acquired / merged, delisted	Replaced with United Spirits Ltd
2 October 2013	Pan Pacific Hotels Group Ltd	Singapore	Acquired / merged, delisted	Replaced with Guocoland Ltd