



# NEWSLETTER on STI Indicators

DG RTD, A4, Analysis and monitoring of national research policies

## 1. IMD World Competitiveness Yearbook 2015 results

WCY 2015	Country	WCY 2014	Change	WCY 2015	Country	WCY 2014	Change
1	USA	1	-	31	Estonia	30	-1
2	China Hong Kong	4	+2	32	France	27	-5
3	Singapore	3	-	33	Poland	36	+3
4	Switzerland	2	-2	34	Kazakhstan	32	-2
5	Canada	7	+2	35	Chile	31	-4
6	Luxembourg	11	+5	36	Portugal	43	+7
7	Norway	10	+3	37	Spain	39	+2
8	Denmark	9	+1	38	Italy	46	+8
9	Sweden	5	-4	39	Mexico	41	+2
10	Germany	6	-4	40	Turkey	40	-
11	Taiwan	13	+2	41	Philippines	42	+1
12	UAE	8	-4	42	Indonesia	37	-5
13	Qatar	19	+6	43	Latvia	35	-8
14	Malaysia	12	-2	44	India	44	-
15	Netherlands	14	-1	45	Russia	38	-7
16	Ireland	15	-1	46	Slovak Republic	45	-1
17	New Zealand	20	+3	47	Romania	47	-
18	Australia	17	-1	48	Hungary	48	-
19	United Kingdom	16	-3	49	Slovenia	55	+6
20	Finland	18	-2	50	Greece	57	+7
21	Israel	24	+3	51	Colombia	51	-
22	China Mainland	23	+1	52	Jordan	53	+1
23	Belgium	28	+5	53	South Africa	52	-1
24	Iceland	25	+1	54	Peru	50	-4
25	Korea Rep.	26	+1	55	Bulgaria	56	+1
26	Austria	22	-4	56	Brazil	54	-2
27	Japan	21	-6	57	Mongolia	N/A	-
28	Lithuania	34	+6	58	Croatia	59	+1
29	Czech Republic	33	+4	59	Argentina	58	-1
30	Thailand	29	-1	60	Ukraine	49	-11
				61	Venezuela	60	-1

The World Competitiveness Center (WCC) of the IMD (Lausanne) has in May released the 2015 edition of its annual *World Competitiveness Yearbook*.

The report (see ranking table above) shows the US as the most competitive country/economy followed by Hong Kong and Singapore. Switzerland is classified as the most competitive European country, while Luxembourg tops the EU list (improvement of five ranks compared to 2014), followed by Denmark (+1), Sweden (-4) and Germany (-4). Bulgaria and Croatia are classified as the least competitive among the EU countries in the report.

The overall ranking released is based on more than 300 criteria, about two-thirds of which are based on statistical indicators and one-third on an IMD survey of 6,234 international executives.

There is a similar analysis, the *Global Competitiveness Report* by the World Economic Forum (Geneva), which is released every year in September.

**More info:** <http://www.imd.org/news/IMD-releases-its-2015-World-Competitiveness-Ranking.cfm>

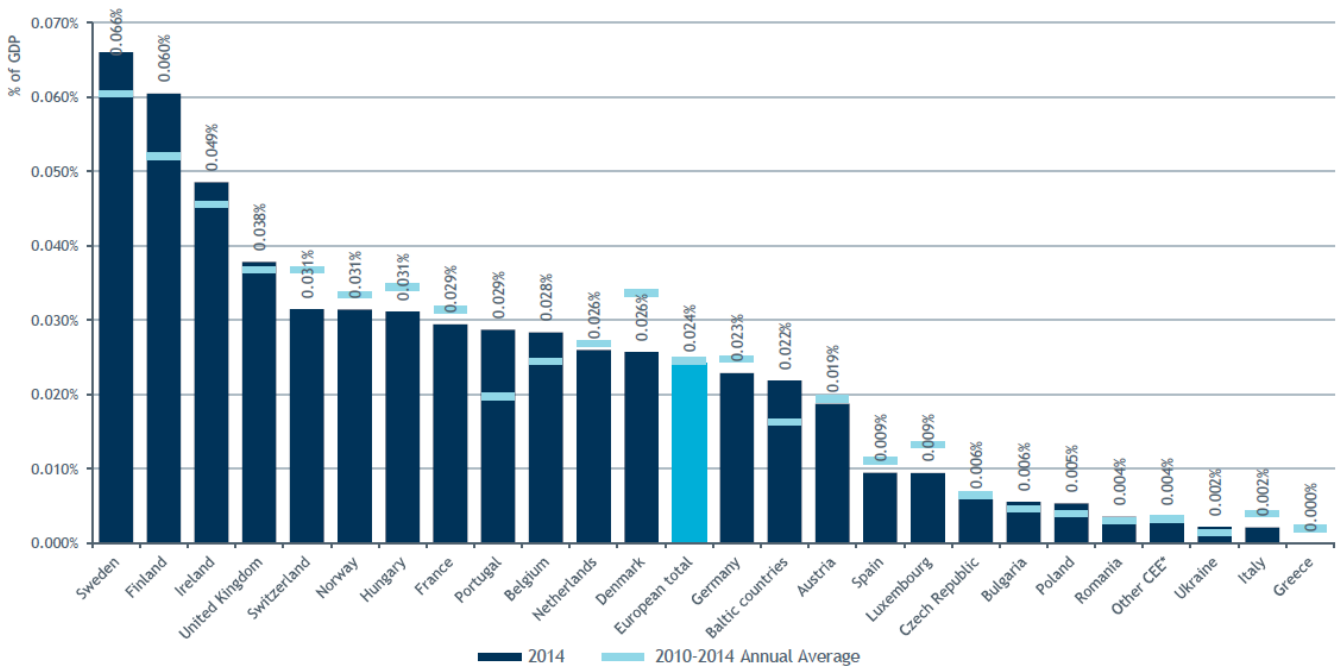
## 2. European Venture Capital Association: release of 2014 data

The European Venture Capital Association (EVCA) has in May published 2014 figures on the European venture capital market. As regards market statistics (by market of investment) the data show Sweden and Finland as the leading EU countries in terms of venture capital investments as % of GDP. EU countries with low levels of venture capital investments include Italy, Romania and Greece. As regards industry statistics (by location of investor) the pattern is similar, however, with Denmark ranked first and Luxembourg ranked second. In Europe venture capital investments in 2014 increased by 6% to €3.6bn. More than 3,200 companies were venture-backed. Start-up stage investments represented the majority of venture capital activity by amount (52%) and number of companies (60%).

### Venture Capital - Investments as % of GDP - Market statistics



#### 2014 - Market statistics

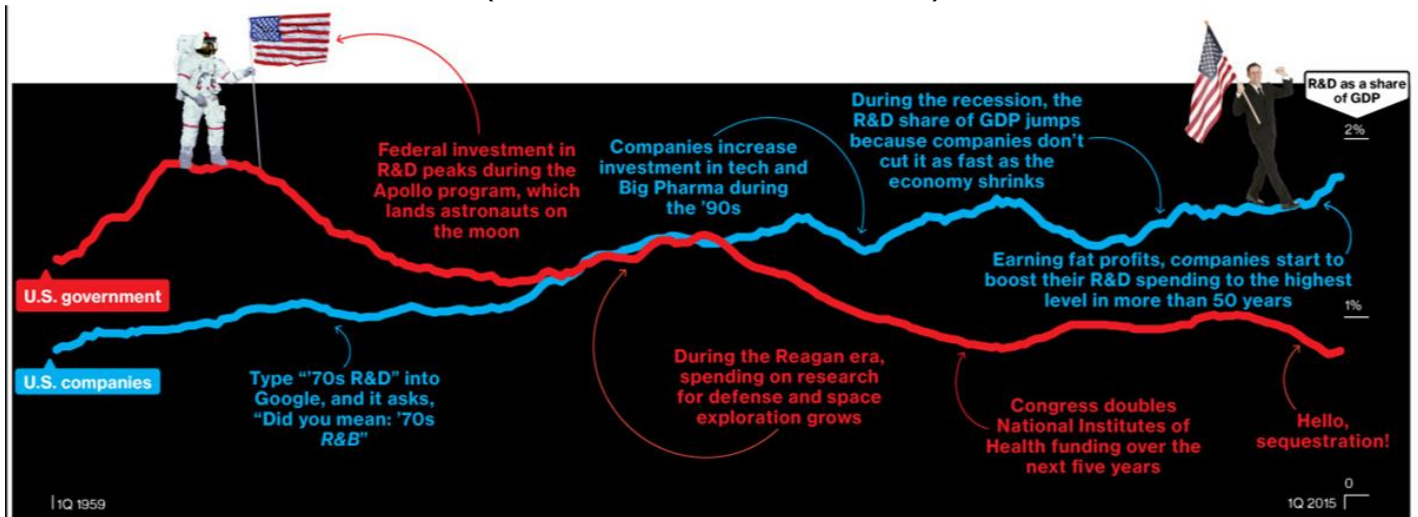


Source: IMF, World Economic Outlook Database (GDP) / EVCA / PEREP\_Analytics  
 Note: \*Other CEE consists of Ex-Yugoslavia and Slovakia

More info: [www.evca.eu](http://www.evca.eu)

## 3. Data on US public and private spending on R&D

Bloomberg Businessweek magazine has recently published an infographic on 1959-2015 trends in US government and business expenditure on R&D. While business expenditure on R&D in the first quarter 2015 was at 1.8% of GDP on an all-time high in the US, public R&D expenditure was in the same period at 0.8% of GDP at a historic low level (down from 2% in the mid 1960s).



COMPANIES LISTED REPORTED AT LEAST \$1 BILLION IN ANNUAL REVENUE; R&D - TO - REVENUE FIGURES ARE FOR THE TRAILING 12-MONTH PERIOD; DATA: COMPILED BY BLOOMBERG; FROM LEFT: NASA; ISTOCK/GETTY

<b>Calendar of data releases and indicator based publications</b> <i>Update of: 12/06/2015 (grey= already published)</i>			
<b>2015</b>	<b>Eurostat data updates</b>	<b>Commission indicator based reports</b>	<b>Data and indicator based reports other organisations</b>
<b>January</b>			
<b>February</b>	<b>GBAORD final (2013)</b> Tertiary attainment (2014, prov.) High growth enterprises data (provisional, 2013) IPR (patent 2012), Community Trademarks (2013), RCD (2013)	Winter forecast (ECFIN)	European Patent Office , EPO annual results (2014)
<b>March</b>	<b>R&amp;D intensity (2013 update)</b>	Europe 2020 publication (ESTAT)	Times Higher Ed. World Reputations Ranking
<b>April</b>	Education headline indicators (LFS)	Skills forecast (Cedefop)	<b>OECD R&amp;D expenditure data</b>
<b>May</b>	High tech trade (2014) Venture capital (2014) Education enrolment, graduates	<b>Innovation Union Scoreboard (GROW)</b> Spring Forecast (ECFIN)	IMD World Competitiveness Yearbook European Venture Capital Association (EVCA) 2014 European Private Equity Report
<b>June</b>	Education spending		
<b>July</b>	IPR (Patents, 2012), Community Trademarks (2014), RC Designs (2014)		UNESCO UIS STI stats release <b>WIPO/Cornell/INSEAD Global Innovation Index</b>
<b>August</b>			Academic Ranking of World Universities (Shanghai)
<b>September</b>	<b>GBAORD (2014 preliminary)</b> Knowledge intensive activities (2014) Employment high-tech (2014) <b>HRST (stocks and job mobility, 2014)</b> Final high growth enterprise data (2013)		<b>WEF Global Competitiveness Report</b> OECD Education at a Glance
<b>October</b>		European Competitiveness report (GROW)	<b>World Bank Doing Business</b> <b>OECD STI Scoreboard (2-yearly)</b> BDI/Telekom Innovation Indicator
<b>November</b>	<b>R&amp;D intensity (2014 preliminary, 2013 final)</b> Economic data on high-tech (2014) <b>HRST (education inflows, 2013)</b>	Education Monitor (EAC) Autumn Forecast (ECFIN) Industrial R&D Investment Scoreboard (JRC) <b>Annual Growth Survey (ECFIN)</b>	Top500.org: Top 500 Supercomputer list
<b>December</b>	ICT household data (2015) ICT enterprise data (2015) IPR Statistics (patents 2013), CTM (2014), RCD (2014)	SheFigures (3-yearly (RTD)) Joint Employment Report (EMPL)	<b>WIPO World Intellectual Property Indicators</b>

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