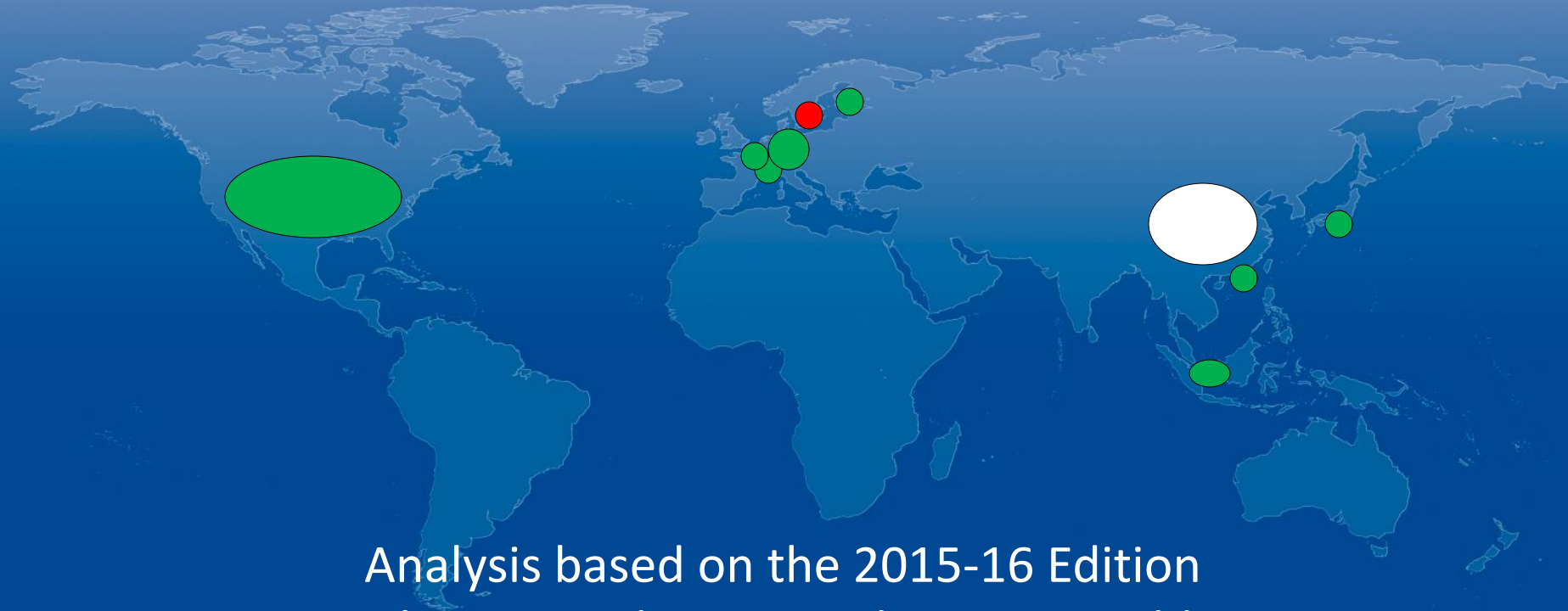


# Global Competitiveness Report

Benchmarking against the World  
with selected rankings for Sweden



Analysis based on the 2015-16 Edition  
Thomas Andersson and Tom Pernodd





## Global Competitiveness Report

*World Economic Forum har i mer än 30 år haft en betydelsefull roll i att presentera undersökningar och rapporter om produktivitet och konkurrenskraft i länder världen över. Rapporten bidrar till att förstå de viktigaste faktorerna som ligger bakom ekonomisk tillväxt och att förklara varför vissa länder är mer framgångsrika än andra vad gäller konkurrenskraft och politiskt och ekonomiskt reformarbete.*

*I år har 140 länder deltagit i undersökningen som omfattar både officiell statistik och analys av en enkät till beslutsfattare i näringslivet i respektive land. World Economic Forum analyserar 12 pelare för tillväxt avseende infrastruktur, institutioner, makroekonomiska faktorer, grundutbildning & hälsa, högre utbildning, arbetsmarknad, handel, teknologi, finansiella marknader, marknadsstorlek, innovation och affärsnätverk.*

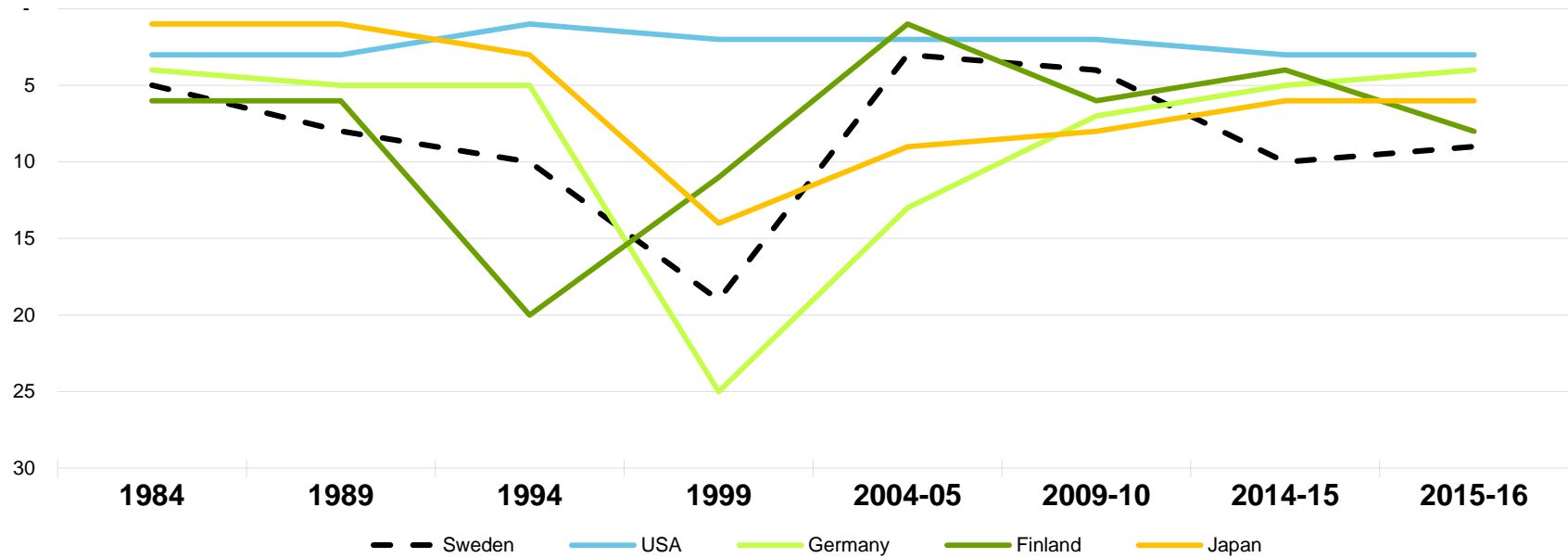
*I Sverige har IUET (International University of Entrepreneurship and Technology Association) och Deloitte ansvarat för genomförandet av enkäten.*



Deloitte.



# Long term Competitiveness Ranking 1984-(2015-16)



Source: World Economic Forum 1979-2013, The Global Competitiveness Report 2014-2015

# Top 10 ranking – Overview

GCI 2015/16 ranking and movements

Germany moves up to 4<sup>th</sup> place and the Netherlands leap to 5<sup>th</sup> place

Sweden ranks 9<sup>th</sup>, slightly up from last year.

All Nordic countries rank high while Finland moves down from 4<sup>th</sup> to 8<sup>th</sup> place

	Overall Index				Subindexes GCI 2015/16					
	GCI 2015/16		GCI 2014/15	Change	Basic requirements		Efficiency enhancers		Innovation and sophistication factors	
	rank	score	Rank	+ / -	rank	score	rank	score	rank	score
Switzerland	1	5.76	1	→	2	6.26	4	5.55	1	5.78
Singapore	2	5.68	2	→	1	6.36	2	5.70	11	5.19
USA	3	5.61	3	→	30	5.27	1	5.76	4	5.59
Germany	4	5.53	5	↑	8	5.95	10	5.31	3	5.61
Netherlands	5	5.50	8	↑	7	6.05	9	5.31	6	5.46
Japan	6	5.47	6	→	24	5.52	8	5.33	2	5.66
Hong Kong SAR	7	5.46	7	→	3	6.20	3	5.57	23	4.80
Finland	8	5.45	4	↓	11	5.95	13	5.22	5	5.50
<b>Sweden</b>	<b>9</b>	<b>5.43</b>	<b>10</b>	<b>↑</b>	<b>13</b>	<b>5.90</b>	<b>12</b>	<b>5.24</b>	<b>7</b>	<b>5.45</b>
UK	10	5.43	9	↓	25	5.52	5	5.49	9	5.28
<b>Other selected countries</b>										
Norway	11	5.41	11	→	6	6.06	11	5.29	13	5.16
Denmark	12	5.33	13	↑	12	5.91	16	5.15	10	5.25
China	28	4.89	28	→	28	5.37	32	4.66	34	4.11

Source: The Global Competitiveness Report 2015-16

# Sweden rank by pillar

GCI 2015/16 ranking and movements

Innovation, Business sophistication & Technological readiness are the core strongholds of Sweden's competitiveness

Sweden	2013/14	2014/15	2015/16	Pillar Rank
<b>Rank by Pillar of Competitiveness</b>				
Institutions	5	13	11	<b>#13</b>
Infrastructure	20	22	20	
Macroeconomic environment	14	17	17	
Health and primary education	13	23	20	
Higher Education and training	8	14	12	<b>#12</b>
Goods market efficiency	12	17	17	
Labour market efficiency	18	20	20	
Financial market development	8	12	14	
Technological readiness	1	3	4	
Market size	35	36	41	<b>#7</b>
Business Sophistication	7	8	7	
Innovation	6	7	7	
<b>Overall GCI Rank Sweden</b>				<b>#9</b>



# Infrastructure and Macroeconomics

(selected country rankings 2015(14))

Index Rank	Sweden	Finland	Germany	US	Japan	Singapore	China
<i>Overall quality</i>	19(18)	6	11	13	7	4	51
<i>Quality of air transport infrastructure</i>	22(21)	9	11	5	25	1	51
<i>Quality of electricity supply</i>	15(22)	6	20	16	21	3	53
<i>Budget balance</i>	52(36)	65	13	114	132	6	34
<i>Government debt</i>	67(68)	96	113	129	140	127	66
<i>Credit rating</i>	3(5)	10	4	5	19	7	26

**Source:** The Global Competitiveness Report, 2015-16



**Deloitte.**



# Health and Education

(selected country rankings 2015(14))

Index Rank	Sweden	Finland	Germany	US	Japan	Singapore	China
<i>Life expectancy</i>	12(10)	22	18	34	2	6	53
<i>Quality of primary education</i>	34(38)	1	19	29	7	3	55
<i>Secondary education enrollment rate</i>	41(40)	16	27	61	24	17	74
<i>Tertiary education enrollment rate</i>	26(27)	4	38	3	40	9	83
<i>Quality of the educational system</i>	25(26)	4	10	18	27	3	56
<i>Quality of Math and Science education</i>	43(49)	2	16	44	9	1	49
<i>Extent of staff training</i>	8(10)	10	13	14	6	4	50

**Source:** The Global Competitiveness Report, 2015-16



# Labour Market

(selected country rankings 2015(14))

Index Rank	Sweden	Finland	Germany	US	Japan	Singapore	China
<i>Cooperation in labour-employer relations</i>	7(17)	22	20	31	5	3	62
<i>Flexibility of wage determination</i>	133(134)	140	132	19	7	6	73
<i>Hiring and firing practices</i>	106(100)	87	107	10	123	4	17
<i>Redundancy costs, weeks of salary</i>	61(66)	34	97	1	7	5	117
<i>Pay and productivity</i>	44(88)	42	13	8	14	3	20
<i>Effect of taxation on incentives to work</i>	94(30)	109	95	35	38	3	58
<i>Country capacity to attract talent</i>	25(26)	61	19	6	78	2	27

**Source:** The Global Competitiveness Report, 2015-16





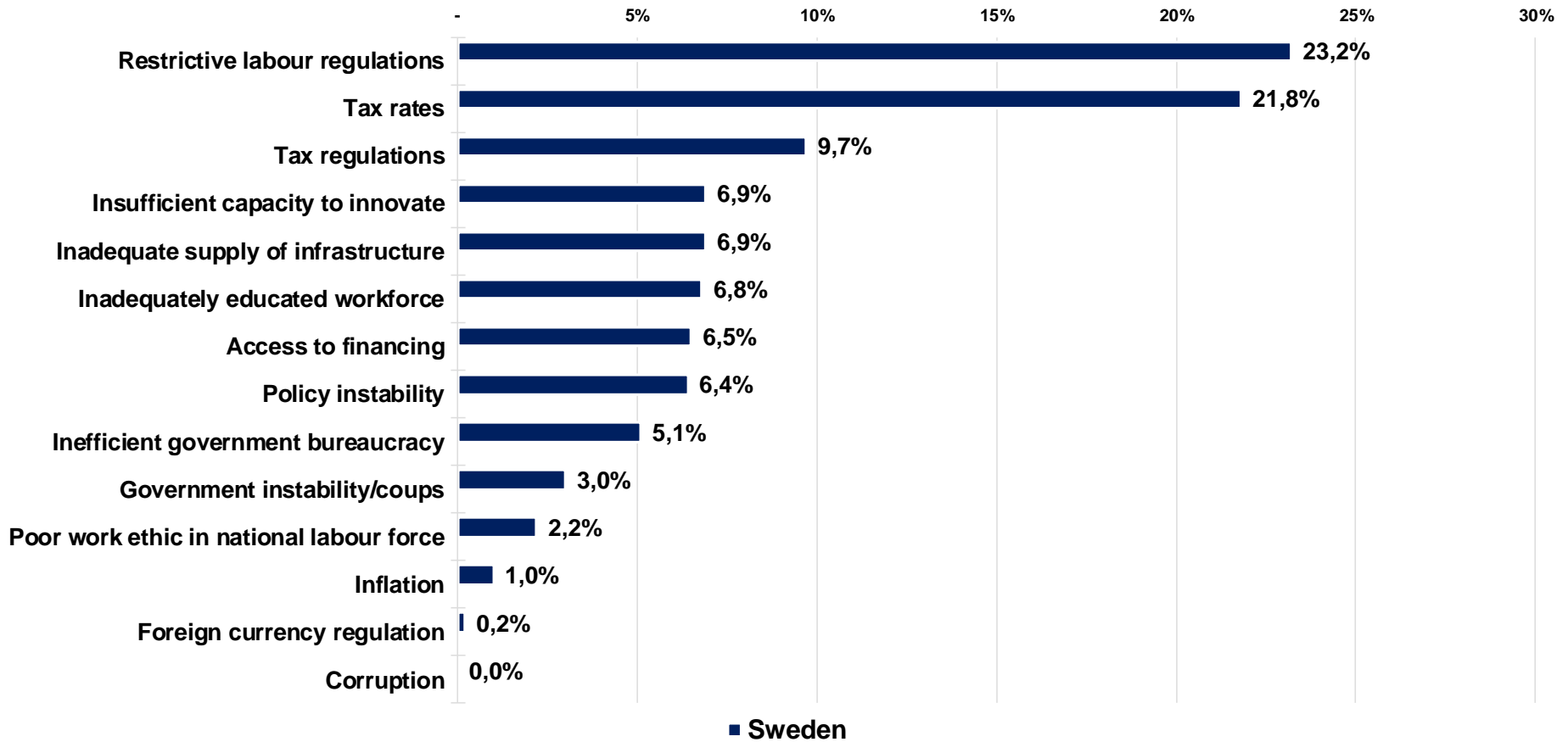
# Goods Market Efficiency and Market Size

(selected country rankings 2015(14))

Index Rank	Sweden	Finland	Germany	US	Japan	Singapore	China
<i>Intensity of Local competition</i>	33(41)	89	7	4	1	21	36
<i>Extent of market dominance</i>	20(22)	51	3	11	2	13	28
<i>Effectiveness of anti-monopoly policy</i>	9(10)	4	14	10	3	5	36
<i>Effect of taxation on incentives to invest</i>	62(28)	70	54	35	49	5	50
<i>Total tax rate, % profits</i>	112(119)	81	107	95	114	10	128
<i>Foreign market size index</i>	40(36)	63	4	2	6	9	1

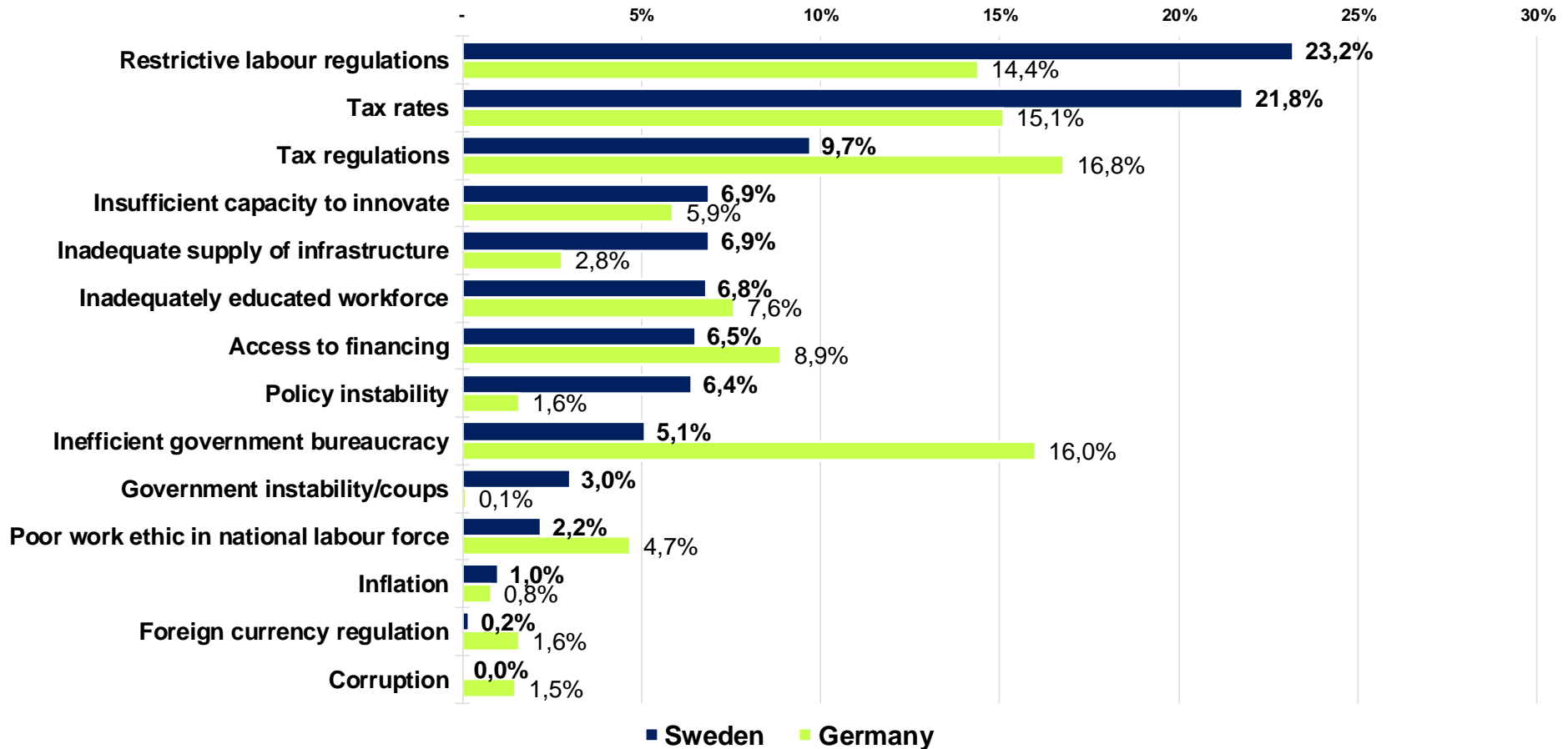


# The most problematic factors for doing business





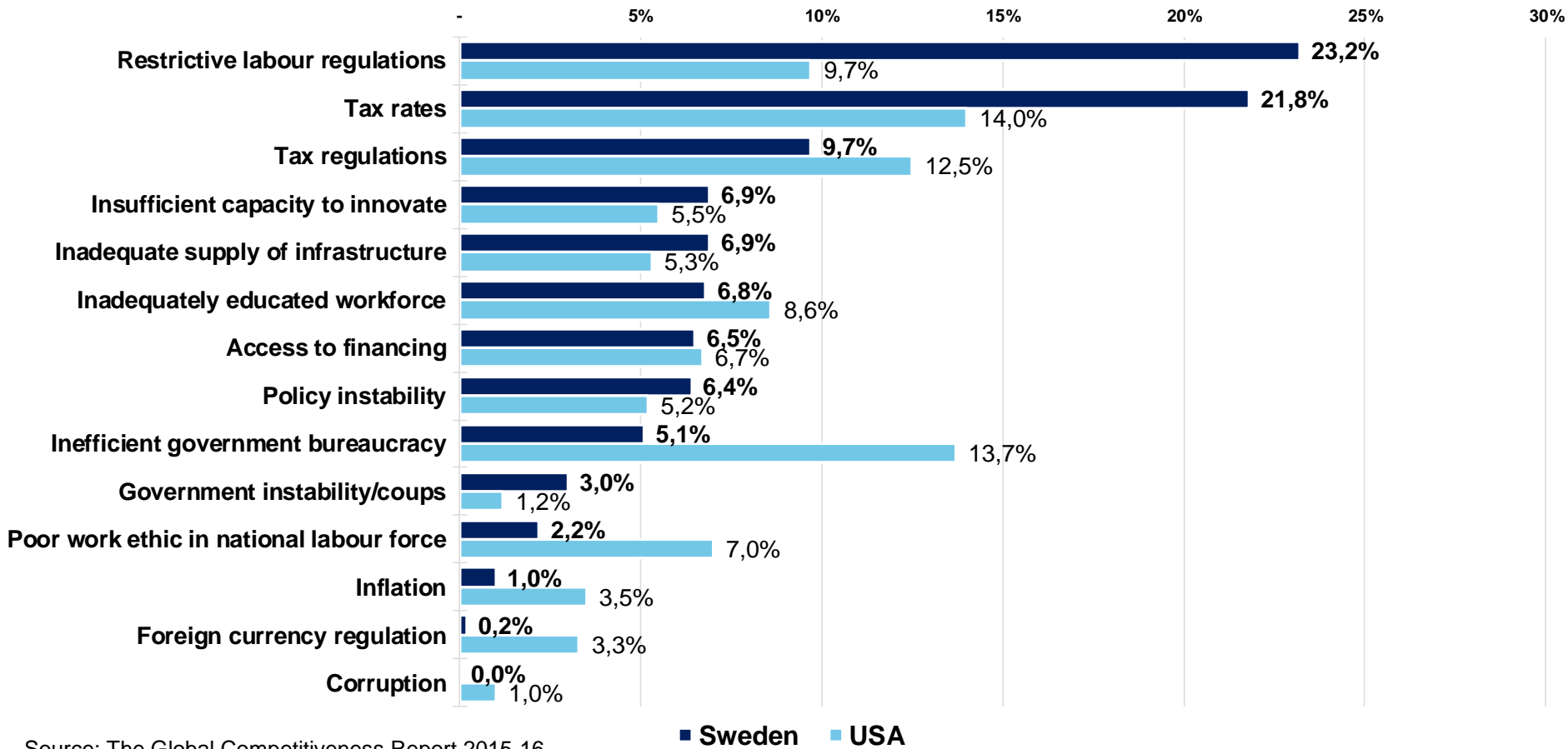
# The most problematic factors for doing business



Source: The Global Competitiveness Report 2015-16



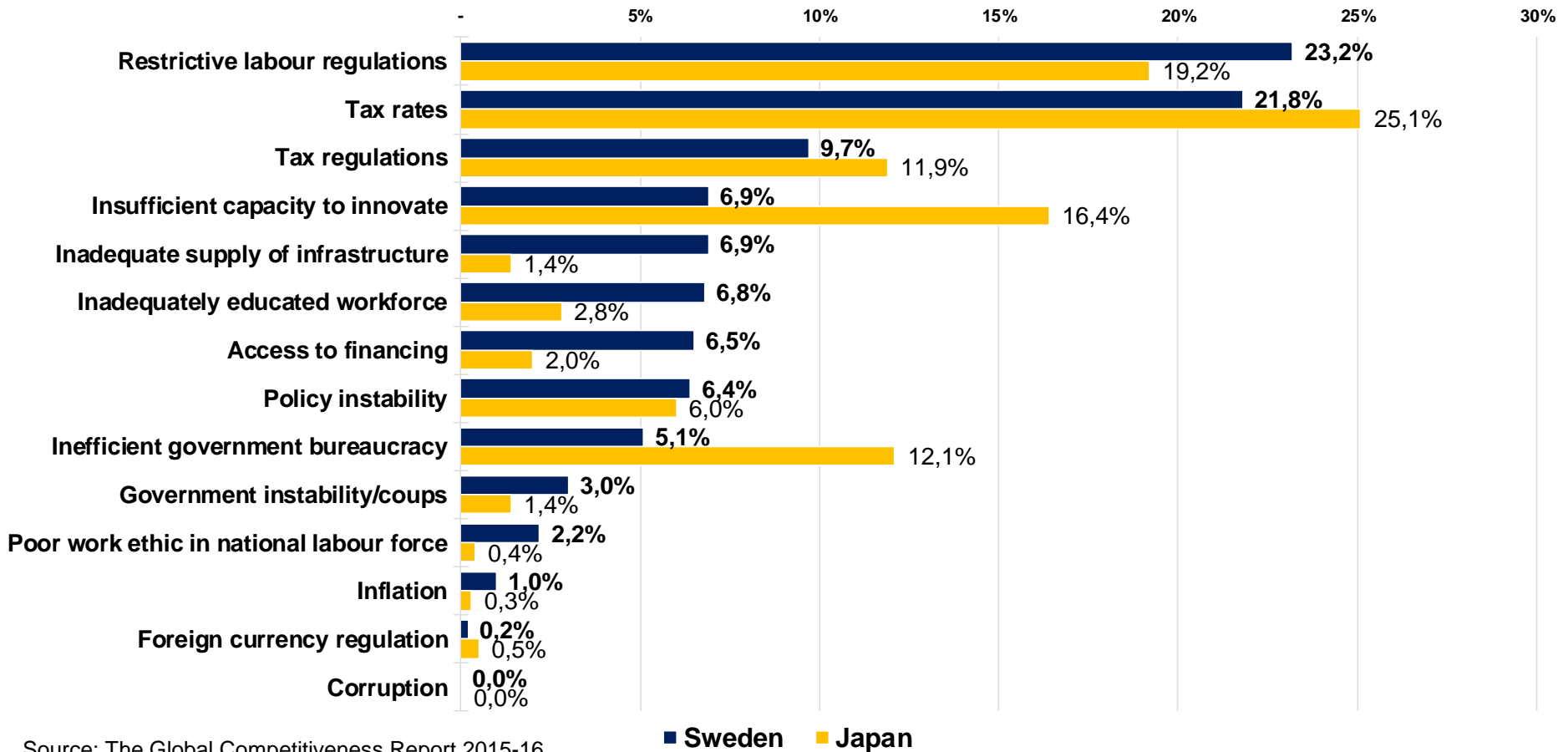
# The most problematic factors for doing business



Source: The Global Competitiveness Report 2015-16



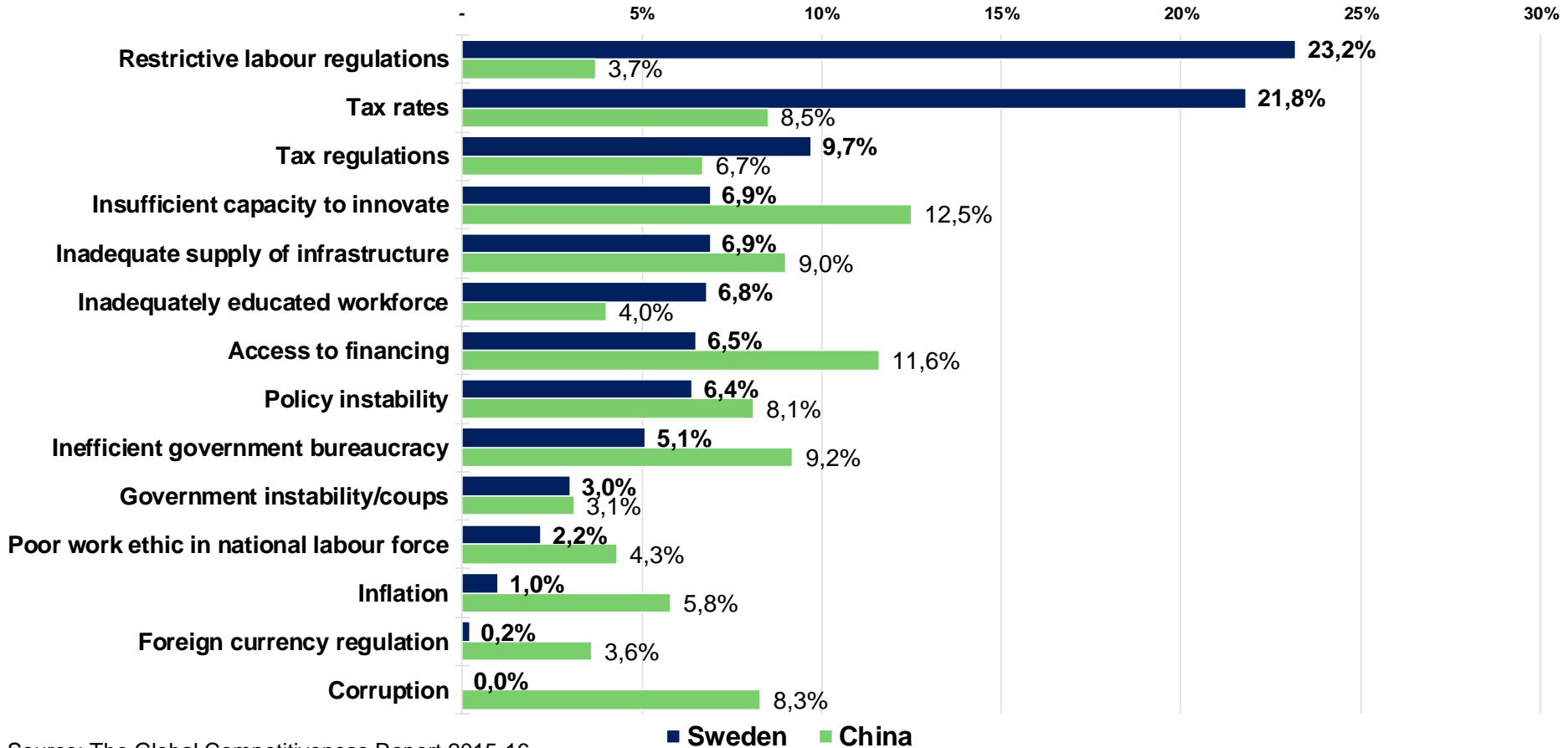
# The most problematic factors for doing business



Source: The Global Competitiveness Report 2015-16



# The most problematic factors for doing business



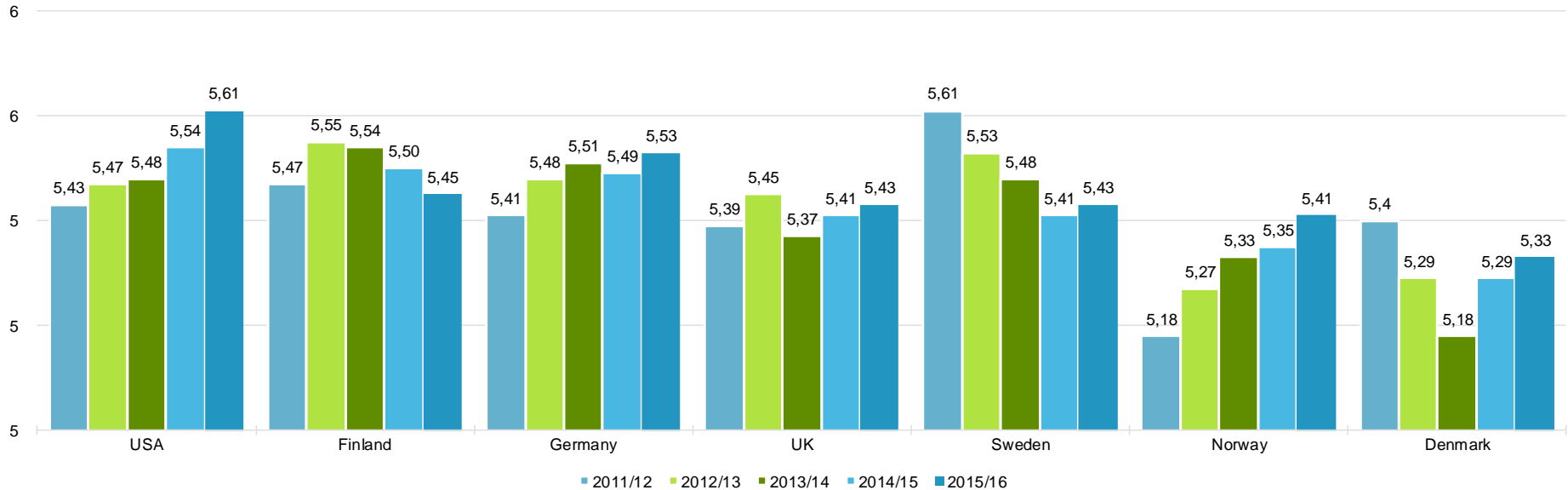
Source: The Global Competitiveness Report 2015-16



# Overall Score – Country Comparison

Five year GCI score comparison

## Total GCI - Score



Source: The Global Competitiveness Report 2015-16

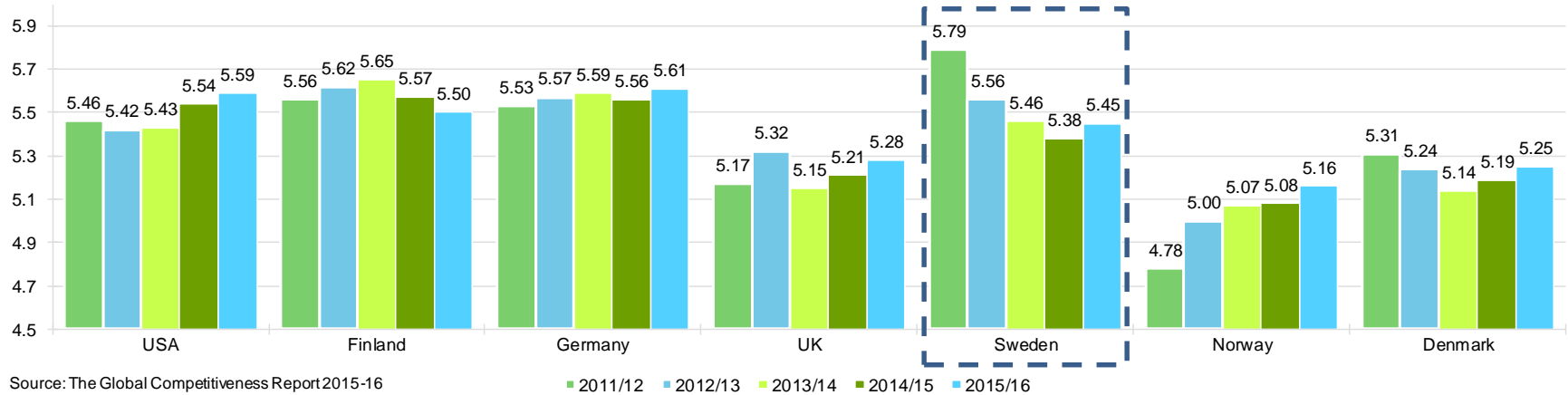
<p><b>USA (#3)</b> Positive trend since 2011/12</p> <p>Rank #1 in efficiency enhancers</p> <p>Macroeconomic environment improving but still a weak spot</p>	<p><b>Finland (#8)</b> Slightly negative trend since 2012/13 and falls to #8 in 2015/16</p> <p>Decrease across all sub-indexes but remains #1 in institutions and health &amp; primary education</p>	<p><b>Germany (#4)</b> Positive turnaround exceeding previous 2013/14 levels</p> <p>Slight increase in ranking of basic requirements from #11 to #8</p>	<p><b>UK (#10)</b> Move down from #9 to #10 in 2015/16 but score same as Sweden</p> <p>Efficiency enhancers decrease while basic requirements increased slightly</p>	<p><b>Sweden (#9)</b> Move up to #9 with slightly higher score in innovation and sophistication</p> <p>Innovation and sophistication remains stronghold</p>	<p><b>Norway (#11)</b> GCI score continues to improve but Norway remains at #11</p> <p>Ranks #1 in macroeconomic environment</p>	<p><b>Denmark (#12)</b> Positive trend from 2014/15 has continued resulting in an increase to #12 in the rankings</p> <p>Small improvements across all key areas during 2015/16</p>
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# Business Sophistication and Innovation – Trend

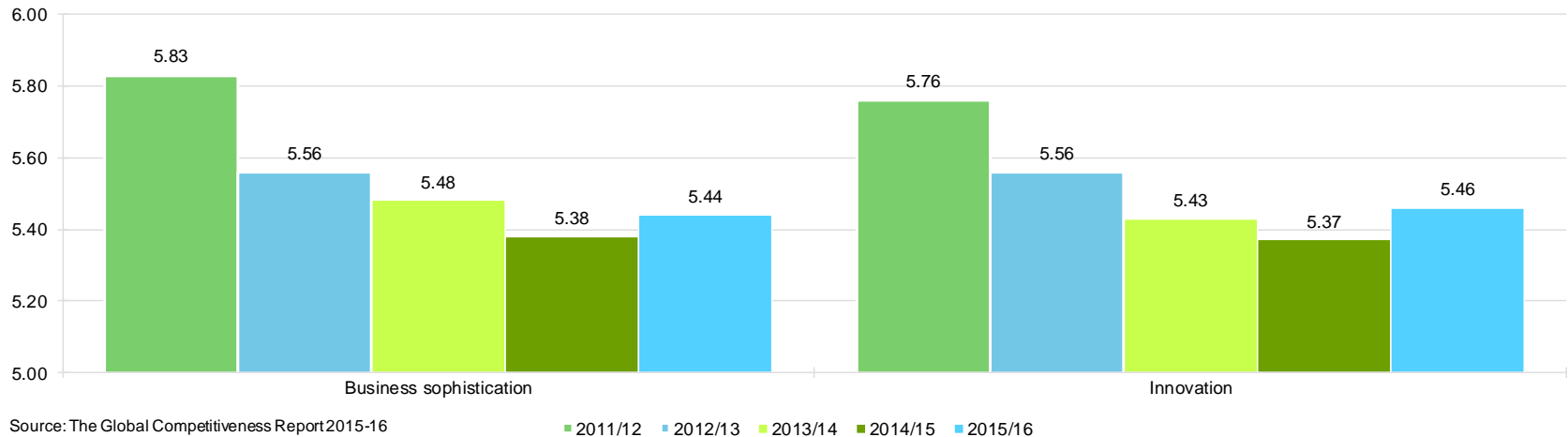
Country comparison

### Innovation and Business sophistication - score



Sweden

### Innovation & Business sophistication breakdown Sweden - score



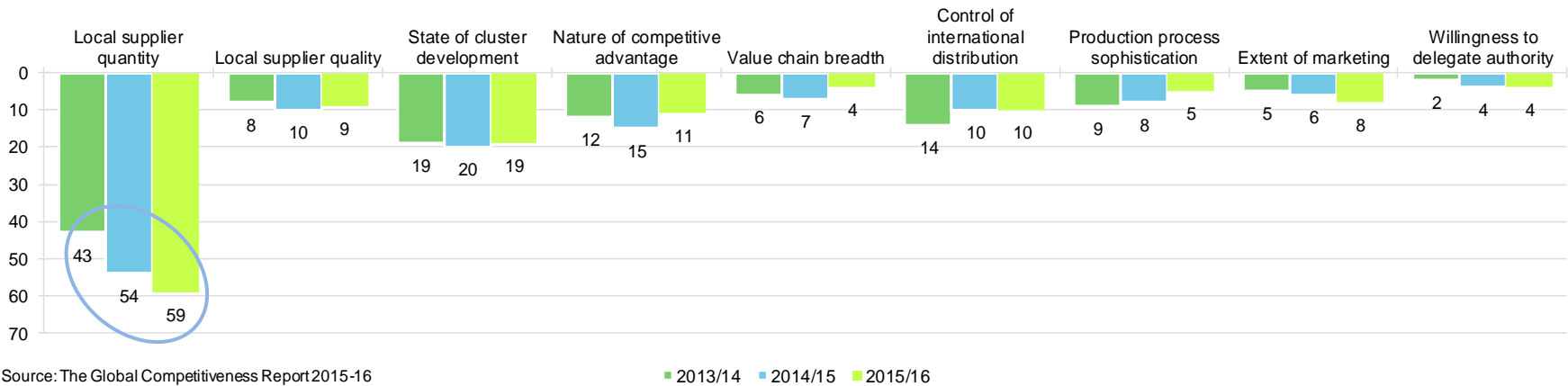




# Business Sophistication – Sweden

Innovation indicators

Business sophistication breakdown Sweden - rank



Sweden - commentary

## Business sophistication

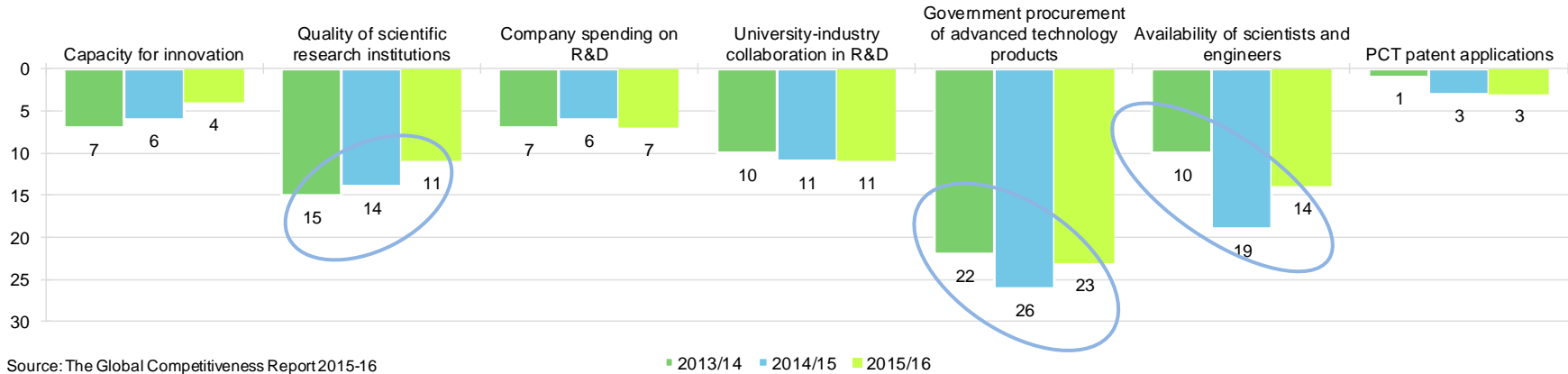
- Business sophistication remains a stronghold for Sweden across most indicators with an overall stable or positive development in 2015/16.
- Local supplier quantity score has continued to decrease in 2015/16 leading to a fall in rank from #43 to #59 over the past two years.



# Innovation – Sweden

Innovation indicators

Innovation breakdown Sweden - rank



Sweden - commentary

## Innovation

- Overall, Sweden ranks #7 in innovation and continues to achieve strong scores in several indicators of innovation in 2015/16.
- Rankings for the quality of scientific research institutions, availability of scientists and engineers and capacity for innovation have all improved slightly in 2015/16.