



Resilience Index

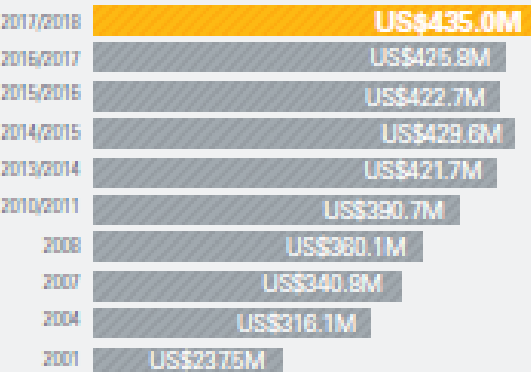
FM GLOBAL

founded in 1835

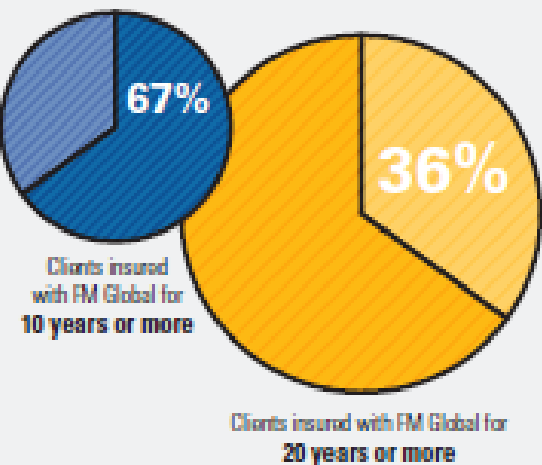
WE BELIEVE THE MAJORITY OF PROPERTY LOSS IS PREVENTABLE

MUTUALITY

Membership Credit History
US\$3.8B since 2001



PARTNERSHIPS



FINANCIAL STRENGTH





Why have we created this tool?



1000

>10 countries



450

>20 countries

240

Four ways to use the index

1. **Assessing the supply chain resilience** of countries where your suppliers, customers and facilities are based
2. **Deciding where to locate** facilities
3. **Selling risk improvement** in your organization
4. **Sharing with other stakeholders** in your organization

HOW RESILIENT IS YOUR BUSINESS?

See your exposure with the free, online 2018 FM Global Resilience Index



ECONOMIC		
PRODUCTIVITY	Gross domestic product (GDP) based on purchasing power parity, divided by total population	International Monetary Fund (IMF)
POLITICAL RISK	The perceived likelihood that the government will be destabilized or overthrown by unconstitutional or violent means, including politically motivated violence and terrorism	World Bank
OIL INTENSITY	Vulnerability to an oil shock (shortage, disruption, price hike); oil consumption divided by GDP; measures dependency on oil for productivity	U.S. Energy Information Administration
URBANIZATION RATE	The average annual rate of change in the extent to which a country's population is living in an urban area	United Nations (UN)
RISK QUALITY		
EXPOSURE TO NATURAL HAZARDS	The percentage of a country's area devoted to economic activities that is exposed to at least one natural hazard: wind, flood or earthquake	FM Global
NATURAL HAZARD RISK QUALITY	The quality and enforcement of a country's building code with respect to natural hazard-resistant design (80%), combined with the level of natural hazard risk improvement achieved, given the inherent natural hazard risks in a country (20%)	FM Global
FIRE RISK QUALITY	The quality and enforcement of a country's building code with respect to fire-based design (80%), combined with the level of fire risk improvement achieved, given the inherent fire risks in a country (20%)	FM Global
INHERENT CYBER RISK	Vulnerability to a cyber attack combined equally with the country's ability to recover; captured by internet penetration (the percentage of individuals in a country who have access to the internet) and civil liberties	UN and Freedom House, respectively
SUPPLY CHAIN		
CONTROL OF CORRUPTION	The perceived extent to which public power is exercised for private gain, including both petty and grand forms of corruption, as well as capture of the state by elites and private interests	World Bank
QUALITY OF INFRASTRUCTURE	The perceived quality of general infrastructure: transport, telephony and energy	World Economic Forum (WEF)
LOCAL SUPPLIER QUALITY	The perceived quality of local suppliers	WEF
SUPPLY CHAIN VISIBILITY	The ability to track and trace consignments across a country's supply chain	World Bank

Ranking

Country & Factor Scores					
Country	Country Rank	Country Score	Economic Score	Risk Quality Score	Supply Chain Score
Switzerland	1	100.0	86.3	78.3	100.0
Luxembourg	2	96.1	95.3	79.3	86.2
Sweden	3	94.7	73.8	88.5	93.1
Norway	4	94.0	82.1	94.2	83.5
Germany	5	93.9	69.3	95.5	91.1
Austria	6	92.1	70.7	83.7	92.6
Denmark	7	90.8	72.0	87.7	87.3
Finland	8	90.3	65.6	88.1	90.3
United States West	9	89.9	59.7	100.0	87.7
United States Central	10	88.6	59.7	95.0	87.7

Key Outputs

1. **Switzerland, Luxembourg and Sweden** occupy the top 3 positions in 2018
2. **Haiti, Venezuela and Nepal** are at the opposite end
3. **Indonesia** ranked 75 and rose 19 places compared to 2017
4. **Philippines** ranked 88 and dropped 14 places
5. **Disruptive events** that impacted the Resilience Index in 2018
 - Cyber attacks – WannaCry and Petya
 - Atlantic hurricane season - Harvey, Irma and Maria: : USD 200 billion damage in the US.
 - Storm damage estimated at USD 370 billion worldwide

FM GLOBAL RESILIENCE INDEX

STORY

View Data

Select Country/Region (type to search)

Countries arranged by overall score

No Data

Fourth Quartile

Third Quartile

Second Quartile

First Quartile

Show Factors

Low Resilience

High Resilience

FM GLOBAL RESILIENCE INDEX

STORY

View Data

Select Country/Region (type to search)

SPAIN
SCORE: 79 RANK: 24

Countries arranged by overall score

No Data

Fourth Quartile

Third Quartile

Second Quartile

First Quartile

Show Factors

Low Resilience

High Resilience

FM GLOBAL RESILIENCE INDEX

STORY

View Data

S

Countries

Spain
Serbia
Sweden
Senegal
Slovenia
Singapore
Sri Lanka
South Korea
Switzerland

Countries arranged by overall score

No Data

Fourth Quartile

Third Quartile

Second Quartile

First Quartile

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Countries arranged by overall score

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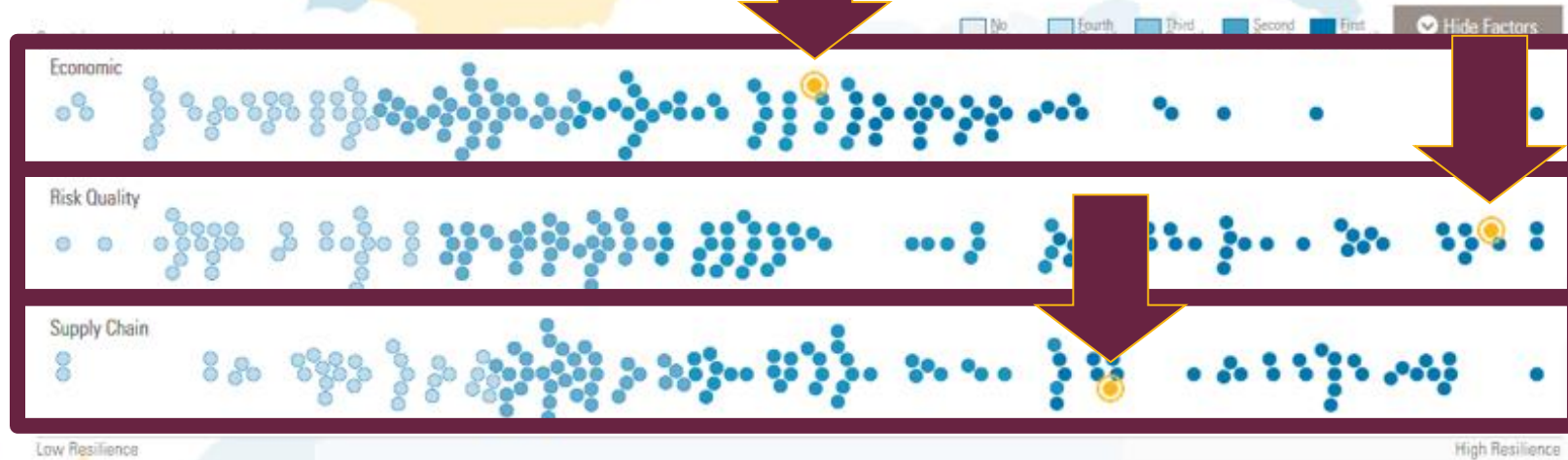
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SPAIN

SCORE: 79 RANK: 24



SPAIN

OVERALL

ECONOMIC

RISK QUALITY

SUPPLY CHAIN

OVERALL

Three factors and 12 drivers combine to form the composite resilience index, or overall score. Scores are bound on a scale of 0 to 100 with 0 representing the lowest resilience and 100 being the highest.

SCORE
79/100

RANK
24/130



Countries arranged by overall score

Fourth Quartile Third Quartile Second Quartile First Quartile

Low Resilience

High Resilience

Countries arranged by overall score

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SPAIN

OVERALL

ECONOMIC

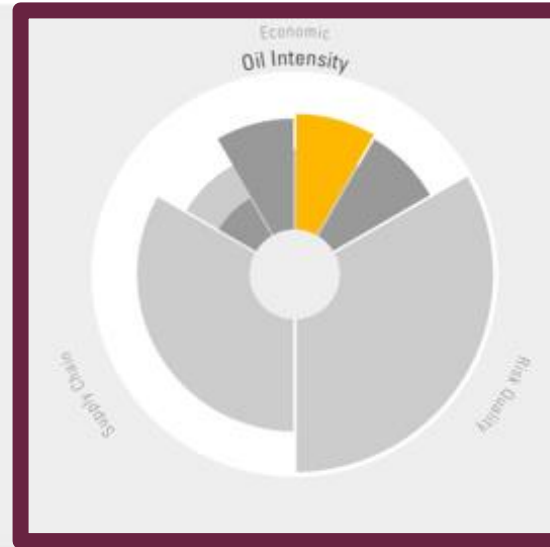
RISK QUALITY

SUPPLY CHAIN

OIL INTENSITY

Vulnerability to an oil shock (shortage, disruption, price hike): oil consumption divided by GDP.

SCORE RANK
73.2/100 70/130



Countries arranged by Oil Intensity score

Fourth Quartile Third Quartile Second Quartile First Quartile

Low Resilience

High Resilience

Countries arranged by overall score

Low High Low High Low High Low High Low High

Show Factors

Low Resilience

High Resilience

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