

# Lloyd's City Risk Index 2015-2025

Analysing the economic exposure from 18 threats over ten years from 2015

Understand the risks: [www.lloyds.com](http://www.lloyds.com)

## Moscow, Russia

Average GDP growth rate: 6.96%

Average annual GDP: \$774.85bn\*

Total GDP@Risk: \$55.77bn

Share of Average annual GDP: 7.20%

### GDP@Risk ranking

Global: 15 Regional: 2 National: 1

### GDP@Risk by threat type

Threat	GDP@Risk	Share of Total GDP@Risk
Market crash	\$17.83bn	31.97%
Human pandemic	\$14.51bn	26.02%
Cyber attack	\$6.86bn	12.29%
Terrorism	\$6.02bn	10.80%
Sovereign default	\$2.65bn	4.75%
Flood	\$1.88bn	3.36%
Power outage	\$1.79bn	3.22%
Freeze	\$1.68bn	3.01%
Solar storm	\$1.63bn	2.92%
Plant epidemic	\$0.57bn	1.02%
Heatwave	\$0.35bn	0.63%
Drought	\$0.00bn	0.00%
Earthquake	\$0.00bn	0.00%
Nuclear accident	\$0.00bn	0.00%
Oil price shock	\$0.00bn	0.00%
Tsunami	\$0.00bn	0.00%
Volcano	\$0.00bn	0.00%
Wind storm	\$0.00bn	0.00%

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### Insight

Moscow is ranked in the top 20 globally for its GDP@Risk from nine individual threats, 4th for Emerging threats and 7<sup>th</sup> for Manmade threats. More than one-third of its economic exposure comes from Market crash (11<sup>th</sup> globally) and Sovereign default (15<sup>th</sup>).

Russia is protected from Oil price shock by its vast oil and gas deposits, but it is vulnerable to falling oil and gas prices because its economy is so dependent on the sector. In the first quarter of 2015, for example, the economy shrunk by 2.4% as a result of Western economic sanctions following the annexation of Crimea, lower oil prices and a collapse in the value of the rouble. Investment also plummeted as the uncertainty caused by these events - and unease about the rule of law - soured sentiment towards the country.

The city has the Index's 3<sup>rd</sup> highest potential losses from Power outage and Terrorism. Its long history of terror attacks dates back to before the birth of the Soviet Union, and more recent attacks have been blamed on Chechen separatists.

Moscow's economic exposure to Human pandemic, which accounts for more than a quarter of its Total GDP@Risk, is second globally only to Hong Kong's. Among its Emerging threats (\$23.57bn, 42.25%), Solar storm (3<sup>rd</sup>) and Cyber attack (7<sup>th</sup>) are also notable.

Its GDP@Risk from Natural threats is the 28<sup>th</sup> highest globally, with Human pandemic dominating, and Freeze (2<sup>nd</sup>) and Heatwave (9<sup>th</sup>) significant. The city's average winter temperatures are -9°C, although they plunged to -25°C in 2012.

### Sources:

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