



Avast Global PC Risk Report

H1 2021 Snapshot

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A Introduction

It has been more than a year since Covid-19 started spreading and, in that time, the virus has defined the entire world, both online and offline. Avast observed cybercriminals using the pandemic to their advantage, spreading scams and phishing attacks to exploit people's natural thirst for information during unprecedented times.

During this time, ransomware attacks continued to thrive, especially targeting medical institutions and critical infrastructure. Certain types of mobile threats, including stalkerware and adware, flourished due to people being forced into lockdown and likely spending more time on their smartphones and tablets. It seems like cybercriminals specifically targeted the most vulnerable groups of our society, some of whom were forced to use online tools and services for the first time. Cybercriminals began to promote mobile adware more heavily to younger audiences via popular social platforms,

and performed ruthless technical support scams targeting the elders and the less digitally savvy.

This PC Risk Report takes a snapshot of 30 days in the first half of 2021 vs. the same time period in 2020, and specifically looks at Windows-threats targeting home and business users. It reveals that the pandemic did not slow down cybercriminals as, globally, online threats still increased year over year.

Home users have a 29.39% chance of encountering any type of malware, which represents an increase of around 5% compared to the same timeframe the previous year (28.08%). Business users have a 13.9% chance of encountering malware; this number has increased by almost 24% compared to the previous year (11.25%).

Businesses generally often have more layers of protection in place than home users,

making them a bit less prone to encountering malware. Nonetheless, enabling the workforce to work from home has posed serious challenges to business security and this can be seen in the increased risk ratio. With hundreds of millions of users worldwide, Avast has one of the largest threat detection networks in the cybersecurity industry. The attacks on these devices provide valuable insights and knowledge of the most prevalent threats and those who have been most affected by them.

This report provides an overview of cyberattacks that happened within one month, giving a picture in time of the general risk users and businesses face globally and in different countries. Cyber threats are not all the same, but for this report, we group the threats into two high level categories: simple threats and advanced threats.

A Introduction

Simple Threats

Simple threats are malware, often produced by script kiddies, that do not contain advanced packers, anti-emulation features, and other types of self protection. These threats tend to use tried and tested methods to scam users or infect their devices, such as viruses, trojans, phishing or sextortion scams and spyware. These attacks aim to reach as many people as possible, to maximize return for cybercriminals.

Advanced Threats

Advanced threats include malware spread by nation states, malware with custom packers and hardcore anti-emulation features. These often come from criminal groups that focus on successful infection rates, making sure that the malware they create circumvents most security solutions users have in place. We define these more sophisticated threats as advanced threats. Advanced threats are new, not yet before seen threats,

designed to bypass common protection technologies included in security software, such as signatures, heuristics, emulators, URL filtering, mail scanning, etc. APT campaigns such as the one targeting governmental agencies in East Asia and the many ransomware attacks which made the headlines the past year, are some examples of this type of threat. In most cases, these advanced threats are freshly new, tested to make sure they are not detected when scanned by an antivirus.

Methodology

The data included in this report is collected from Avast's threat detection network, and represents a data snapshot, constructed with the threats Avast protected its PC users from during March 16, 2021 and April 14, 2021. In order to provide statistically relevant data, this report includes data from

countries, territories and regions with a sample size of at least 10,000 computers belonging to home users that encountered threats during the month we collected the data, and at least 1,000 computers used by businesses. The data looks at total threats and advanced threats, evaluating the risk ratio for home and business users around the world.

To calculate the risk ratios for this report, we divided the number of computers where Avast's protection layers stopped at least one threat, by the total number of computers Avast actively protected within the 30-day period.

When comparisons to the previous year were made, this refers to data from the exact same period of time, March 16, 2020 to April 14, 2020.

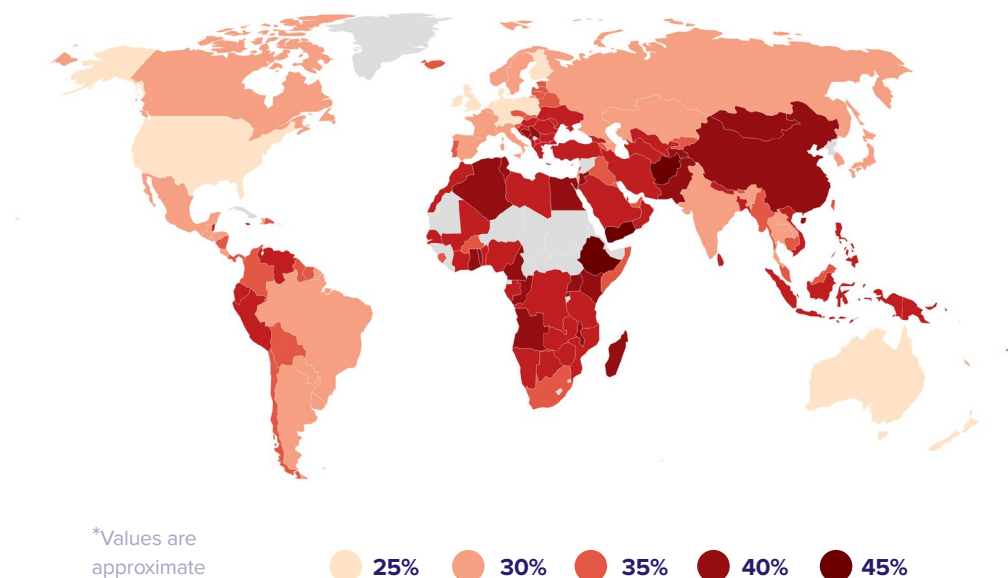
B Global Risk Ratio

According to our data, the worldwide chance of infection from any type of malware - this includes simple and advanced threats - for a business computer is 13.9% (11.25% in the previous year). For home users, on the other hand, the risk of encountering any type of malware is double, with a 29.39% chance of infection (28.08% in the previous year).

The chances of users being targeted by an 'advanced' threat are lower, but the proportion is similar to all threats, with consumers having a 5% chance of encountering an advanced threat (4.61% in the previous year) and businesses having a 2.29% chance (1.98% in the previous year).

B Global Risk Ratio: Home Users **All Threats**

Global Home User Risk Ratio: All Threats



COUNTRIES MOST AT RISK

The top ten countries most at risk of encountering any type of threats are in the Middle East, and Africa, in addition to Serbia:

1.	Afghanistan	49.47%
2.	Yemen	47.81%
3.	Ethiopia	45.84%
4.	Egypt	44.94%
5.	Rwanda	43.45%
6.	Algeria	43.34%
7.	Madagascar	43.03%
8.	Angola	42.88%
9.	Togo	42.34%
10.	Serbia	42.30%

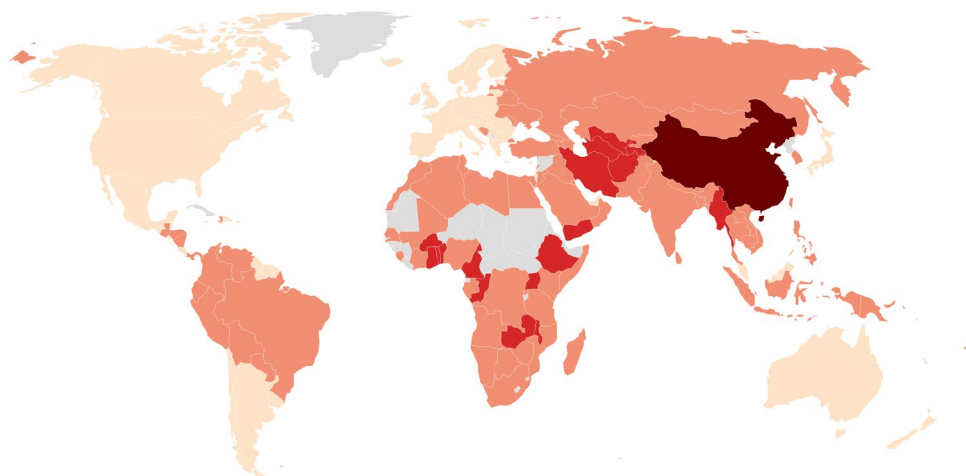
COUNTRIES LEAST AT RISK

The ten countries with the lowest risk of encountering any threats are:

1.	Switzerland	22.70%
2.	Austria	22.85%
3.	Germany	22.97%
4.	United States	23.17%
5.	United Kingdom	23.26%
6.	Puerto Rico	23.34%
7.	Ireland	23.43%
8.	Netherlands	23.51%
9.	Finland	23.71%
10.	Denmark	24.15%

B Global Risk Ratio: Home Users **Advanced Threats**

Global Home User Risk Ratio: Advanced Threats



*Values are approximate

5% 10% 15% 20%

COUNTRIES MOST AT RISK

The top ten countries in which home users are most at risk of encountering an advanced threat are:

1.	China	20.22%
2.	Turkmenistan	14.63%
3.	Afghanistan	14.13%
4.	Tajikistan	12.52%
5.	Yemen	12.46%
6.	Iran	11.85%
7.	Ghana	11.49%
8.	Myanmar	11.42%
9.	Uganda	11.29%
10.	Republic of the Congo	11.53%

COUNTRIES LEAST AT RISK

The countries least at risk of encountering an advanced threat are:

1.	France	2.29%
2.	Switzerland	2.57%
3.	Belgium	2.58%
4.	New Zealand	2.63%
5.	Canada	2.70%
6.	Netherlands	2.84%
7.	Ireland	2.85%
8.	United Kingdom	2.89%
9.	Australia	2.91%
10.	Puerto Rico	2.93%

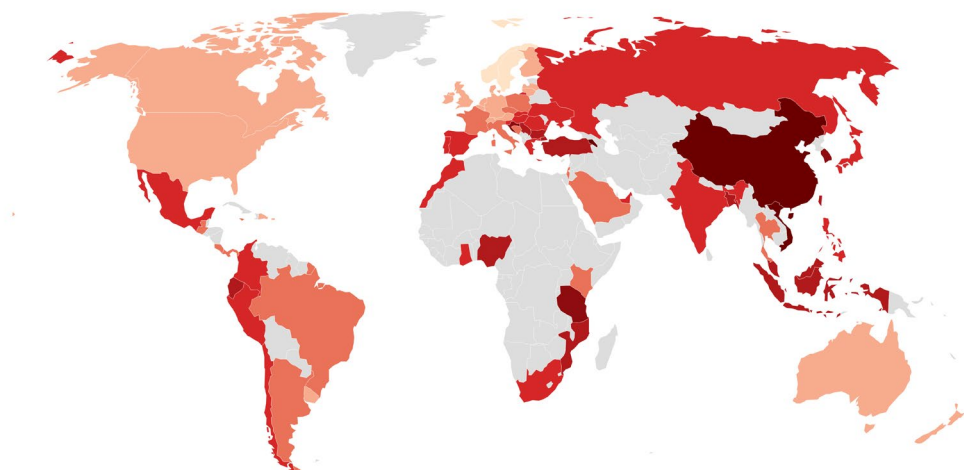
B Global Risk Ratio: Business Users

Globally, businesses have a 13.9% chance of encountering any type of threat. Asian countries are among the top countries where businesses are most at risk, followed by Africa and Eastern Europe.

For all types of threats we can see that countries with the lowest risk were the Nordics, Western and Central European countries, in addition to the United States, Latvia and the Dominican Republic. This changes when looking at advanced threats, where the common denominator seems to be the size of the countries, with populations smaller than 11 million.

B Global Risk Ratio: Business Users **All Threats**

Global Business User Risk Ratio: All Threats



*Values are approximate

10% 15% 20% 25% 30% 35%

COUNTRIES MOST AT RISK

The ten countries in which businesses are most at risk of encountering a threat are:

1.	Armenia	39.75%
2.	China	35.66%
3.	Vietnam	35.48%
4.	The Republic of Korea	32.61%
5.	Republic of Tanzania	32.71%
6.	Croatia	30.02%
7.	Bangladesh	29.89%
8.	Taiwan	29.25%
9.	Indonesia	29.21%
10.	Hong Kong	29.09%

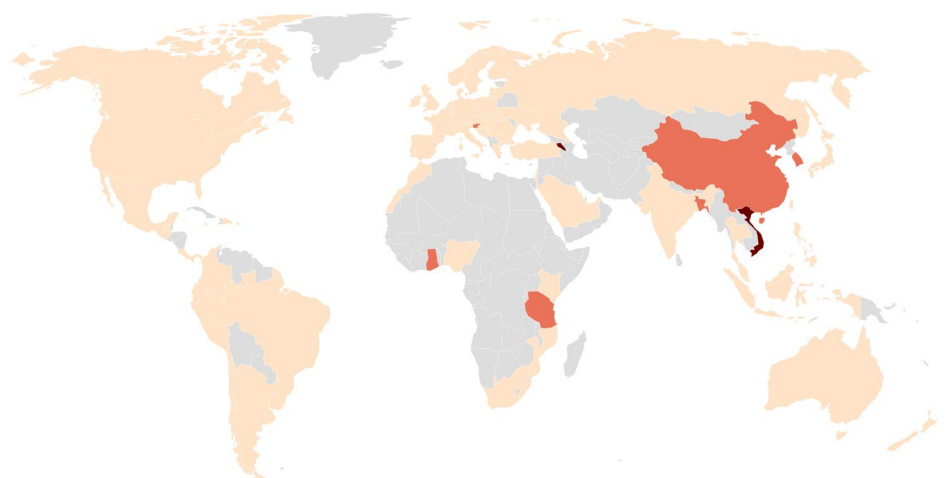
COUNTRIES LEAST AT RISK

The ten countries in which businesses are most at risk of encountering a threat are:

1.	Sweden	7.75%
2.	Norway	9.68%
3.	Germany	10.03%
4.	Denmark	10.09%
5.	Luxembourg	10.21%
6.	Switzerland	10.32%
7.	Ireland	10.58%
8.	United States	11.00%
9.	Latvia	11.04%
10.	Dominican Republic	11.06%

B Global Risk Ratio: Business Users **Advanced Threats**

Global Business User Risk Ratio: Advanced Threats



*Values are approximate

5% 10% 15%

COUNTRIES MOST AT RISK

When it comes to advanced threats, the following ten countries have the highest risk ratio for advanced threats:

1.	Armenia	18.75%
2.	Vietnam	17.82%
3.	China	8.85%
4.	Bangladesh	8.35%
5.	Slovenia	8.15%
6.	The Republic of Korea	7.10%
7.	Ghana	6.17%
8.	Republic of Tanzania	5.54%
9.	The Philippines	4.57%
10.	Nigeria	4.44%

COUNTRIES LEAST AT RISK

Business users with the lowest risk ratio of encountering advanced threats are those in:

1.	Luxembourg	1.16%
2.	Sweden	1.16%
3.	Dominican Republic	31.41%
4.	Lithuania	1.44%
5.	Puerto Rico	1.47%
6.	Trinidad & Tobago	1.50%
7.	Slovakia	1.54%
8.	Singapore	1.55%
9.	Czech Republic	1.56%
10.	Panama	1.59%

C The State of Cybersecurity

There has been an increase in the risk ratio from both types of users and both types of threats. With the pandemic, home users started to spend more time at home and had to rely more prominently on their devices to connect with the outside world in ways they didn't need to before - staying in touch with their loved ones, studying, enjoying entertainment, and doing fitness workouts. Some less tech-savvy users were for the first time introduced to, for example, virtual meeting tools, online banking, online streaming and online shopping. With screen time increasing, so has the exposure to threats and the chances of falling victim to them grown.

In general, home users are at higher risk of encountering threats, as they are typically solely responsible for protecting their computers. Additionally, home users interact with different content than business users. Cybercriminals create threats that take

advantage of the activities carried out by home users, regardless of age, and exploit their potential lack of cybersecurity awareness and cautiousness.

The majority of computer users, whether it be business or home users, are often blindly attacked, meaning they aren't specifically targeted with personalized attacks.

Nonetheless, what we can say is that most cybercrime is money driven, and that's one of the main factors cybercriminals consider when choosing victims. With that in mind, it would be logical to think that most attacks would go after users in countries where the population has more buying power, but this sometimes poses some limitations for cybercriminals. For example, developed countries tend to have more robust security practices than others, and have the ability of filtering attacks before they even reach users' PCs.

Sometimes, cybercriminals also face language barriers and this can limit the reach or the success of their campaigns. Attackers sometimes also filter out certain user groups in their code, so some won't attack the population from their own country or its allies.

The numbers included in this report are average figures and it's important to remember that correlation is not causation when taking the data included in this report into account.

C The State of Cybersecurity

Security risk of employees working from home

The pandemic also forced many companies around the world to send employees home to work remotely. Employees took their company devices home which broadened the attack surface for companies. Not every company was prepared to have their employees work from home on such short notice, and not all home networks infrastructure were as secure as enterprise networks, leaving companies at risk.

Businesses, especially larger businesses, often have additional security layers in place, blocking threats before they even enter a business' network, set up by dedicated IT teams or external IT administration partners. Businesses usually offer training and education around current threats and also have more restrictive policies in place.

When at work, users' browsing activities may be more limited and therefore less risky than at home, where they might shop online, take care of their finances, visit video streaming and gaming sites that can potentially harbor risks, without the benefit of additional layers of protection they have in their work environment.

This, however, doesn't mean businesses, including government agencies, are immune to cyber attacks. Ransomware attacks have become especially prevalent. In the beginning of 2020, Avast saw an increase in ransomware attacks in the early pandemic months. Ransomware grew by 20% during March and April in comparison to January and February. And these attacks have continued during the rest of the year and the beginning of 2021.

Since the start of the pandemic, the average ransom payment has also continued to climb, up 43% from the last quarter of 2020 to an average of over US\$200,000. Companies like Colonial Pipeline, AXA, Garmin, Jack Daniels, Travelex and the Ritz London were hit with ransomware throughout the past year. Cybercriminals also didn't refrain from attacking hospitals around the world during the pandemic.

C The State of Cybersecurity

Higher risk ratio in conflict regions

If we take a look at the countries with the highest risk ratio, both for home users and business users, we can see that geographies with more conflictive socio-political situations seem to be facing more risk in the online world as well (Middle East, Asia, Africa, and Eastern Europe).

If we take a look at the top ten safest countries, meaning the ones with the lowest risk ratio, we can find some differences in terms of home users and business users.

When looking at the safest countries for home users, we can see that those listed all belong to the OECD (Organisation for Economic Co-operation and Development), in addition

to Puerto Rico. This organization is made up of 36 countries that work together to improve the economic and social well-being of people around the world. These countries are among the early technology adopters, which means the broad mainstream of users in these countries, for the most part, may be more aware and better informed when it comes to PC security best practices. Even so, this correlation is not completely conclusive.

The same is true regarding the list of lowest risk countries for all types of threats for business users, in addition to the Dominican Republic. This changes, though, when looking at advanced threats for business users, where the common denominator seems to be the size of the countries. The list

combines countries from North America and the Caribbean, Asia Pacific, Western Europe, Central Europe and Eastern Europe, but all ten countries have populations smaller than 11 million citizens. Considering that advanced threats involve sophisticated and complex attacks, these may be targeting bigger businesses or countries with big offices or global companies and organizations.

D Conclusion

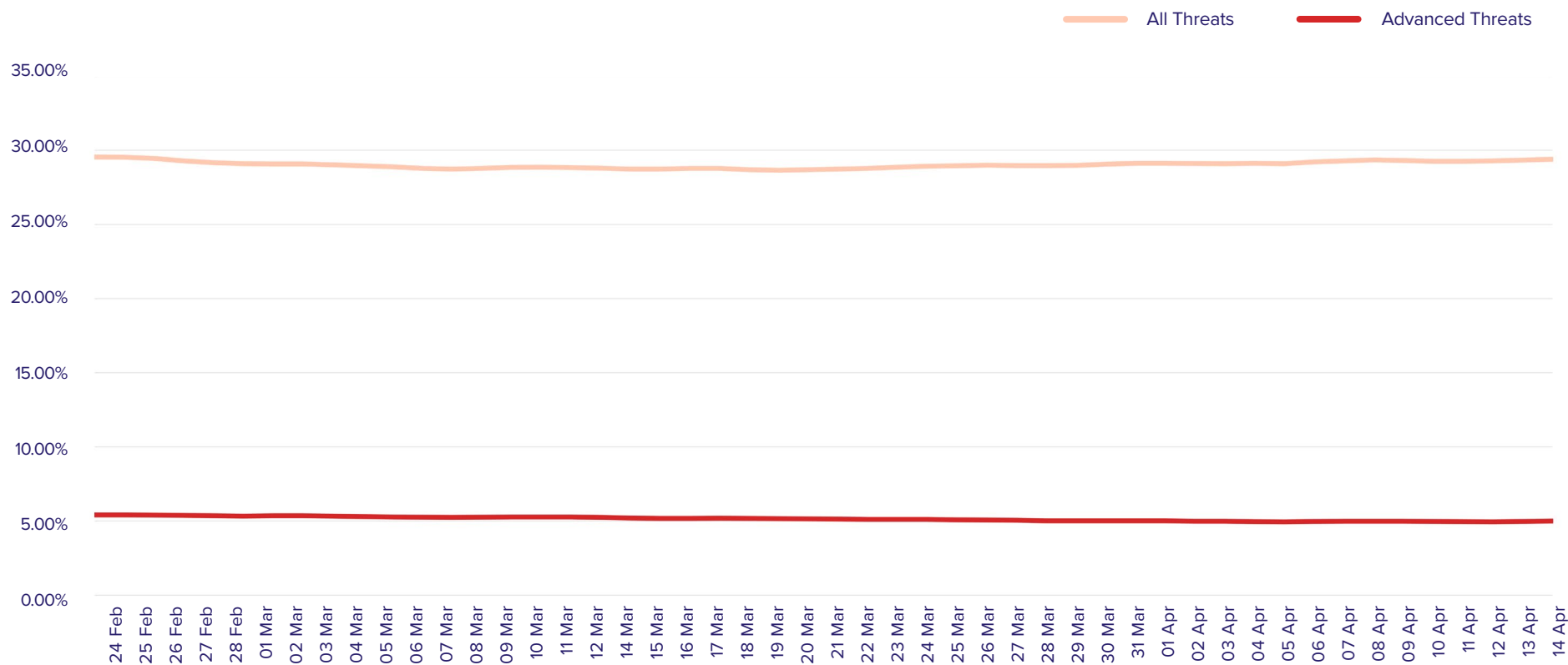
What we can conclude is that the pandemic did not slow down cybercriminals. Instead they seized the opportunity of people spending more time online to adapt old tricks to spread various types of fakes, scams, and to target major businesses with ransomware. Cybercrime today is a professionalized business and threat actors are constantly looking for new and effective ways to attack people around the world. Cybercriminals take advantage of trends, to make sure they attract as many potential victims as possible.

Both home and business users need protection, regardless of where they find themselves in the world. Cybercrime is a profitable business that is only expected to grow and cybercriminals don't discriminate when it comes to who they target.

There is one clear conclusion, the risk ratio has increased worldwide for all threats, including advanced threats. The number of connected devices is increasing dramatically, and even though this report just focuses on threats encountered by PC users, the fact is that there are more devices that can be used to launch attacks from, as well as be part of the attack chain, and this includes computers.

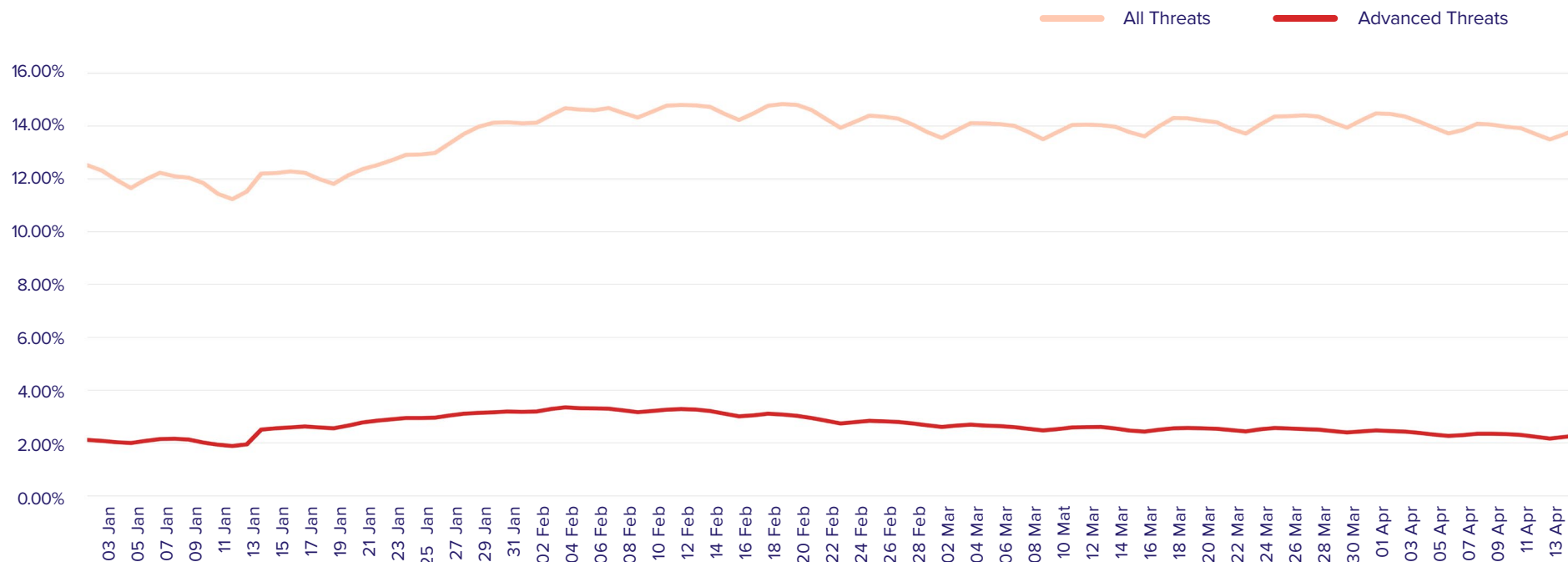
D Conclusion

Global Home User Risk Ratio Snapshot Evolution in 2021: All & Advanced Threats



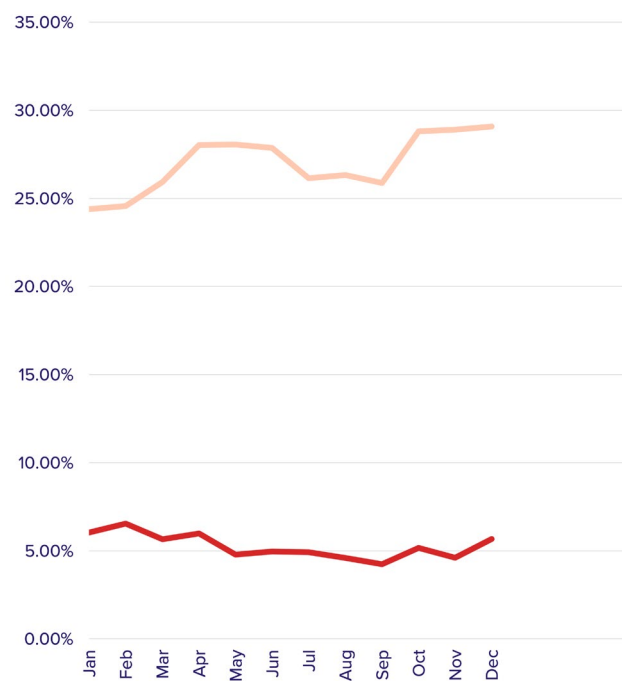
D Conclusion

Global Business User Risk Ratio Snapshot Evolution in 2021: All & Advanced Threats

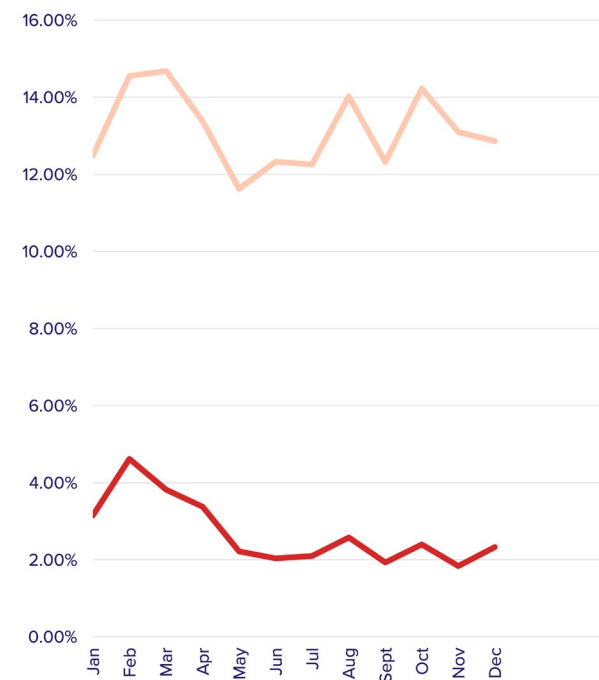


D Conclusion

**Global Home User Risk Ratio Monthly
Evolution in 2020: All & Advanced Threats**



**Global Business User Risk Ratio Monthly
Evolution in 2020: All & Advanced Threats**



E Appendix

This appendix shows a list of countries for which the risk ratio for all threats and advanced threats for both home and business users are listed. The data for the global risk ratio for home and business users, as well as the data per country is also included in the appendix.

E Appendix: Global

Data for Global Home User Risk Ratio: **All Threats**

North America & Caribbean

Saint Lucia	37.64%
Jamaica	36.62%
Barbados	35.51%
Trinidad and Tobago	34.59%
Dominican Republic	32.56%
Bahamas	30.36%
Haiti	28.21%
Curacao	28.21%
Mexico	27.20%
Canada	25.30%
Puerto Rico	23.34%
USA	23.17%
Martinique	22.38%
Guadeloupe	21.95%

Central America

Belize	36.18%
Nicaragua	32.17%
Panama	31.33%
Honduras	29.80%
El Salvador	28.69%
Guatemala	27.77%
Costa Rica	25.54%

South America

Venezuela	37.45%
Ecuador	36.59%
Peru	36.50%
Bolivia	33.77%
Guyana	32.92%
Colombia	32.83%
Chile	32.06%
Suriname	30.04%
Uruguay	29.07%
Paraguay	27.37%
Argentina	27.25%
Brazil	26.92%
French Guiana	23.41%

Middle East

Afghanistan	49.47%
Yemen	47.81%
Palestine	44.01%
Jordan	41.51%
Iran	38.26%
Saudi Arabia	37.04%
Qatar	36.01%
Turkey	35.45%

Oman	35.21%
United Arab Emirates	34.93%
Kuwait	34.61%
Bahrain	33.00%
Lebanon	32.62%
Iraq	32.60%
Azerbaijan	29.86%
Israel	27.84%

Asia Pacific

Mongolia	40.42%
Philippines	39.44%
Sri Lanka	38.23%
Indonesia	36.84%
Singapore	36.63%
Nepal	36.47%
Papua New Guinea	36.00%
Vietnam	35.12%
Myanmar	33.73%
Brunei	33.44%
Taiwan	33.28%
Cambodia	32.88%
Malaysia	32.54%
Maldives	30.27%

Fiji	30.23%
Thailand	28.97%
French Polynesia	28.87%
New Caledonia	26.97%
New Zealand	24.43%
Australia	24.25%

Asia

Macao	42.61%
China	41.62%
Pakistan	40.88%
Tajikistan	40.39%
Turkmenistan	38.57%
Bangladesh	38.06%
Hong Kong	36.87%
Georgia	35.99%
Uzbekistan	35.21%
Bhutan	33.41%
Kyrgyzstan	32.10%
Laos	29.71%
Kazakhstan	29.41%
India	28.22%
Japan	25.81%
South Korea	25.49%

Western Europe

Greece	35.57%
Portugal	33.58%
Luxembourg	33.35%
Malta	31.80%
Cyprus	29.43%
Spain	29.32%
Belgium	26.87%
France	26.87%
Italy	25.94%
Netherlands	23.51%
Ireland	23.43%
United Kingdom	23.26%

E Appendix: Global

Data for Global Home User Risk Ratio: **All Threats**

Nordics		Moldova	36.86%	Uganda	40.62%
Iceland	31.07%	Ukraine	36.80%	Cameroon	40.01%
Sweden	26.51%	Romania	36.10%	Morocco	39.53%
Norway	26.13%	Bulgaria	36.07%	Zambia	39.42%
Denmark	24.15%	Lithuania	34.30%	Gabon	38.43%
Finland	23.71%	Latvia	33.83%	Tanzania	37.73%
		Armenia	33.09%	Mozambique	37.63%
Central Europe		Estonia	32.46%	Cabo Verde	37.49%
Croatia	37.32%	Belarus	31.60%	Zimbabwe	37.39%
Hungry	35.24%	Russia	28.81%	Benin	37.29%
Slovakia	34.51%			Libya	37.24%
Slovenia	32.63%	Africa		Mauritius	36.89%
Czech Republic	31.18%	Ethiopia	45.84%	Republic of the Congo	36.85%
Poland	24.48%	Egypt	44.94%	Nigeria	35.98%
Germany	22.97%	Rwanda	43.45%	Namibia	35.72%
Austria	22.85%	Algeria	43.34%	Ivory Coast	35.48%
Switzerland	22.70%	Madagascar	43.03%	Botswana	35.26%
		Angola	42.88%	Mali	35.14%
Eastern Europe		Togo	42.34%	Senegal	35.06%
Serbia	42.30%	Congo	41.97%	Burkina Faso	34.32%
Montenegro	42.26%	Tunisia	41.95%	Sierra Leone	33.51%
Bosnia & Herzegovina	40.73%	Kenya	41.26%	South Africa	32.82%
Macedonia	39.62%	Malawi	40.76%	Somalia	32.38%
Albania	39.12%	Ghana	40.64%	Reunion	26.94%

E Appendix: Global

Data for Global Home User Risk Ratio: **Advanced Threats**

North America & Caribbean		South America		Saudi Arabia		Singapore		Western Europe	
Haiti	5.85%	Peru	7.61%	Lebanon	6.18%	Brunei	4.15%	Cyprus	4.15%
Dominican Republic	4.89%	Bolivia	6.83%	Kuwait	5.27%	Australia	3.70%	Portugal	4.03%
Jamaica	4.85%	Venezuela	6.49%	Oman	5.10%	French Polynesia	2.71%	Greece	3.62%
Saint Lucia	4.59%	Ecuador	5.61%	United Arab Emirates	4.85%	New Caledonia	2.71%	Malta	3.46%
Mexico	4.44%	Brazil	5.46%	Qatar	4.73%	New Zealand	2.63%	Spain	3.39%
Curacao	4.01%	Colombia	5.43%	Bahrain	4.67%			Italy	3.17%
Barbados	3.97%	Paraguay	5.19%	Israel	4.04%			Luxembourg	3.06%
Trinidad & Tobago	3.96%	Guyana	4.89%	Asia Pacific		Asia		United Kingdom	2.89%
Bahamas	3.70%	Chile	4.73%	Myanmar	11.42%	China	20.22%	Ireland	2.85%
USA	3.27%	Suriname	4.73%	Vietnam	9.59%	Turkmenistan	14.63%	Netherlands	2.84%
Puerto Rico	2.93%	Uruguay	4.69%	Sri Lanka	9.33%	Tajikistan	12.52%	Belgium	2.58%
Canada	2.70%	Argentina	4.43%	Papua New Guinea	8.88%	Uzbekistan	10.71%	France	2.29%
Guadeloupe	2.45%	French Guiana	2.62%	Mongolia	8.58%	Pakistan	9.55%		
Martinique	2.33%			Cambodia	8.18%	Kyrgyzstan	8.95%		
Central America		Middle East		Indonesia	7.06%	South Korea	8.34%		
Nicaragua	6.87%	Afghanistan	14.13%	Philippines	6.87%	Bangladesh	7.95%		
Honduras	5.70%	Yemen	12.46%	Nepal	6.08%	Laos	7.91%		
Guatemala	5.37%	Iran	11.85%	Thailand	6.01%	Macao	7.84%		
Panama	5.08%	Palestine	8.44%	Fiji	5.77%	Kazakhstan	7.16%		
El Salvador	4.73%	Turkey	7.54%	Maldives	5.32%	Georgia	6.94%		
Costa Rica	4.66%	Iraq	7.11%	Taiwan	5.02%	Bhutan	6.13%		
Belize	4.47%	Jordan	7.00%	Malaysia	4.77%	India	5.78%		
		Azerbaijan	6.35%			Hong Kong	4.86%		
						Japan	4.30%		

E Appendix: Global

Data for Global Home User Risk Ratio: **Advanced Threats**

Nordics		Bosnia & Herzegovina	5.31%	Republic of Congo	9.71%
Denmark	3.49%	Latvia	5.10%	Angola	9.67%
Sweden	3.40%	Serbia	4.84%	Ivory Coast	9.67%
Norway	3.29%	Montenegro	4.74%	Tanzania	9.62%
Iceland	3.23%	Macedonia	4.74%	Kenya	9.19%
Finland	2.95%	Lithuania	4.72%	Rwanda	9.14%
		Estonia	4.69%	Nigeria	9.05%
Central Europe		Albania	4.67%	Egypt	8.92%
Croatia	3.76%	Romania	4.55%	Zimbabwe	8.92%
Hungary	3.92%	Bulgaria	4.08%	Mali	8.70%
Slovakia	3.51%			Sierra Leone	8.37%
Slovenia	3.63%	Africa		Gabon	8.22%
Czech Republic	3.76%	Ghana	11.49%	Algeria	8.17%
Poland	3.81%	Uganda	11.29%	Libya	8.13%
Germany	3.07%	Congo	11.27%	Senegal	7.94%
Austria	3.05%	Ethiopia	11.13%	Somalia	7.77%
Switzerland	2.57%	Cameroon	11.10%	Cabo Verde	7.62%
		Togo	11.07%	Namibia	6.90%
Eastern Europe		Malawi	10.88%	Botswana	6.89%
Belarus	7.34%	Benin	10.88%	Morocco	6.72%
Ukraine	7.10%	Zambia	10.41%	Tunisia	6.32%
Russia	6.84%	Burkina Faso	10.14%	South Africa	5.25%
Moldova	6.72%	Madagascar	9.97%	Mauritius	4.80%
Armenia	5.62%	Mozambique	9.73%	Réunion	2.88%

E Appendix: Global

Data for Global Business User Risk Ratio: **All Threats**

North America & Carribean

Mexico	20.63%
Barbados	19.53%
Trinidad and Tobago	19.21%
Jamaica	16.03%
Canada	12.60%
Puerto Rico	11.43%
Dominican Republic	11.06%
USA	11.00%

Central America

Panama	17.85%
Costa Rica	16.93%
Guatemala	15.85%

South America

Ecuador	25.33%
Colombia	24.82%
Peru	22.84%
Chile	21.85%
Argentina	19.07%
Brazil	17.52%
Uruguay	14.72%

Middle East

Turkey	27.24%
United Arab Emirates	22.57%
Saudi Arabia	18.51%
Israel	16.26%

Asia Pacific

Vietnam	35.48%
Taiwan	29.25%
Indonesia	29.21%
Malaysia	28.81%
Singapore	25.04%
Philippines	23.58%
Thailand	18.72%
New Zealand	13.29%
Australia	11.58%

Asia

China	35.66%
South Korea	32.61%
Bangladesh	29.89%
Hong Kong	29.09%
India	23.02%
Japan	20.22%

Western Europe

Greece	23.83%
Portugal	23.06%
Spain	21.52%
Italy	19.77%
Malta	17.54%
France	15.40%
Belgium	12.42%
Netherlands	12.08%
United Kingdom	11.08%
Ireland	10.58%
Luxembourg	10.21%

Nordics

Finland	13.95%
Denmark	10.09%
Norway	9.68%
Sweden	7.75%

Central Europe

Croatia	30.02%
Slovenia	24.60%
Hungary	24.21%
Slovakia	21.33%

Poland	18.10%
Czech Republic	17.51%
Austria	12.47%
Switzerland	10.32%
Germany	10.03%

Eastern Europe

Armenia	39.75%
Serbia	26.58%
Bulgaria	26.19%
Romania	23.99%
Ukraine	22.40%
Russia	20.64%
Bosnia & Herzegovina	15.04%
Lithuania	13.02%
Latvia	11.04%

Africa

Tanzania	30.98%
Mozambique	28.59%
Nigeria	27.28%
Ghana	23.11%
Morocco	21.00%
South Africa	20.61%
Kenya	19.68%

E Appendix: Global

Data for Global Business User Risk Ratio: **Advanced Threats**

North America & Caribbean

Barbados	3.13%
Jamaica	2.82%
Mexico	2.79%
USA	2.09%
Canada	1.81%
Trinidad and Tobago	1.50%
Puerto Rico	1.47%
Dominican Republic	1.41%

Central America

Costa Rica	3.63%
Guatemala	2.31%
Panama	1.59%

South America

Colombia	3.94%
Uruguay	3.76%
Brazil	3.43%
Argentina	3.27%
Peru	2.79%
Ecuador	2.67%
Chile	2.52%

Middle East

Turkey	3.84%
United Arab Emirates	3.04%
Israel	2.51%
Saudi Arabia	2.04%

Asia Pacific

Vietnam	17.82%
Philippines	4.57%
Indonesia	3.98%
Taiwan	3.59%
Thailand	3.16%
Malaysia	2.97%
New Zealand	2.13%
Australia	1.61%
Singapore	1.55%

Asia

China	8.85%
Bangladesh	8.35%
South Korea	7.10%
Hong Kong	4.36%
India	3.90%
Japan	3.84%

Western Europe

Greece	3.48%
Spain	2.95%
Malta	2.51%
Italy	2.32%
Portugal	2.30%
United Kingdom	2.29%
Ireland	2.15%
Belgium	2.07%
France	1.92%
Netherlands	1.92%
Luxembourg	1.16%

Nordics

Finland	2.47%
Denmark	2.11%
Norway	1.88%
Sweden	1.16%

Central Europe

Slovenia	8.15%
Austria	2.68%
Hungary	2.48%
Croatia	2.16%

Poland	1.98%
Germany	1.91%
Switzerland	1.85%
Czech Republic	1.56%
Slovakia	1.54%

Eastern Europe

Armenia	18.75%
Ukraine	4.31%
Russia	4.17%
Serbia	2.41%
Romania	2.40%
Bulgaria	2.34%
Latvia	2.04%
Bosnia & Herzegovina	1.91%

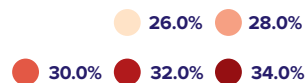
Africa

Ghana	6.17%
Tanzania	5.54%
Nigeria	4.44%
Mozambique	3.44%
South Africa	2.94%
Morocco	2.89%

E Appendix: Europe

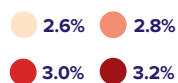
United Kingdom

Home User Risk Ratio UK: All Threats



East Midlands	25.79%
East of England	24.98%
London	35.24%
North East England	26.39%
North West England	27.05%
Northern Ireland	24.25%
Scotland	27.05%
South East England	25.32%
SW England	24.15%
Wales	26.54%
West Midlands	26.54%
Yorkshire & the Humber	26.00%

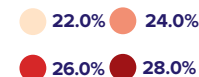
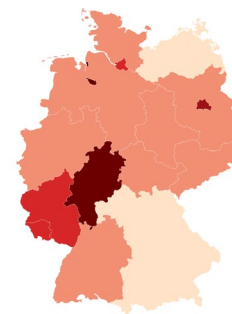
Home User Risk Ratio UK: Advanced Threats



East Midlands	2.99%
East of England	2.78%
London	3.38%
North East England	3.04%
North West England	3.06%
Northern Ireland	3.00%
Scotland	2.95%
South East England	2.75%
SW England	5.23%
Wales	2.84%
West Midlands	3.00%
Yorkshire & the Humber	2.93%

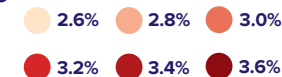
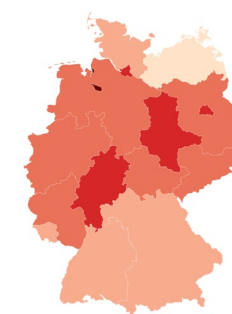
Germany

Home User Risk Ratio Germany: All Threats



Brandenburg	22.18%
Berlin	26.31%
Baden-Württemberg	23.03%
Bavaria	21.98%
Bremen	29.94%
Hesse	29.13%
Hamburg	24.28%
Mecklenburg-Vorpommern	20.65%
Lower Saxony	23.06%
North Rhine-Westphalia	23.11%
Rhineland-Palatinate	24.93%
Schleswig-Holstein	22.09%
Saarland	24.07%
Saxony	23.37%
Saxony-Anhalt	23.14%
Thuringia	23.53%

Home User Risk Ratio Germany: Advanced Threats

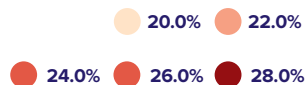
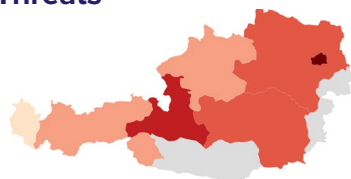


Brandenburg	2.88%
Berlin	3.14%
Baden-Württemberg	2.73%
Bavaria	2.61%
Bremen	3.68%
Hesse	3.14%
Hamburg	3.15%
Mecklenburg-Vorpommern	2.57%
Lower Saxony	2.91%
North Rhine-Westphalia	2.97%
Rhineland-Palatinate	2.83%
Schleswig-Holstein	2.79%
Saarland	2.73%
Saxony	2.91%
Saxony-Anhalt	3.04%
Thuringia	2.82%

E Appendix: Europe

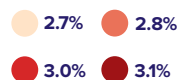
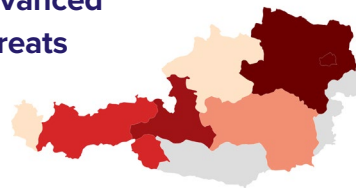
Austria

Home User Risk Ratio Austria: All Threats



Carinthia	27.44%
Lower Austria	23.79%
Upper Austria	20.97%
Salzburg	25.95%
Styria	23.46%
Tyrol	21.15%
Vorarlberg	28.55%
Vienna	24.79%

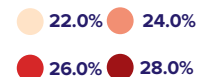
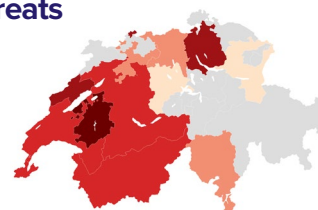
Home User Risk Ratio Austria: Advanced Threats



Carinthia	2.98%
Lower Austria	3.23%
Upper Austria	2.57%
Salzburg	3.00%
Styria	2.80%
Tyrol	2.84%
Vorarlberg	2.50%
Vienna	3.29%

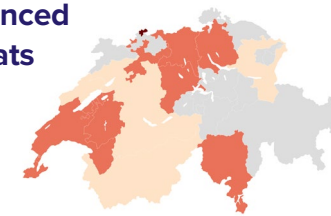
Switzerland

Home User Risk Ratio Switzerland: All Threats



Aargau	22.55%
Basel-City	27.42%
Bern	24.98%
Freiburg	29.25%
Genève	25.27%
Luzern	20.75%
Neuchâtel	26.16%
Sankt Gallen	21.10%
Solothurn	22.92%
Ticino	23.09%
Vaud	25.42%
Wallis	24.50%
Zurich	26.78%

Home User Risk Ratio Switzerland: Advanced Threats

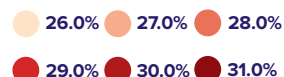
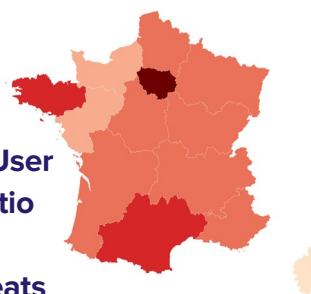


Aargau	4.62%
Bern	4.51%
Basel-City	4.80%
Freiburg	4.94%
Genève	5.03%
Luzern	4.62%
Neuchâtel	4.90%
Sankt Gallen	4.62%
Solothurn	4.29%
Ticino	4.80%
Vaud	4.89%
Wallis	5.13%
Zurich	4.85%

E Appendix: Europe

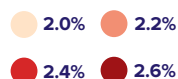
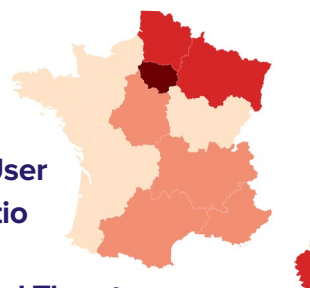
France

Home User Risk Ratio France: All Threats



Auvergne-Rhône-Alpes	27.85%
Bourgogne-Franche-Comté	27.03%
Bretagne	28.03%
Centre-Val de Loire	27.39%
Corse	25.49%
Grand Est	27.71%
Hauts-de-France	27.62%
Île-de-France	31.78%
Normandie	26.02%
Nouvelle-Aquitaine	27.30%
Occitanie	28.05%
Pays de la Loire	26.54%
Provence-Alpes-Côte d'Azur	27.60%

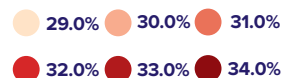
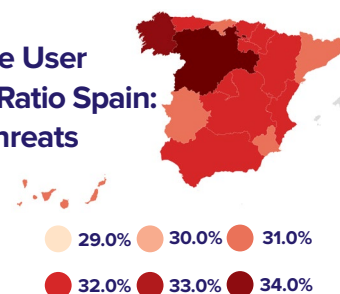
Home User Risk Ratio France: Advanced Threats



Auvergne-Rhône-Alpes	2.07%
Bourgogne-Franche-Comté	1.88%
Bretagne	1.89%
Centre-Val de Loire	2.08%
Corse	2.22%
Grand Est	2.21%
Hauts-de-France	2.37%
Île-de-France	2.73%
Normandie	1.99%
Nouvelle-Aquitaine	1.99%
Occitanie	2.15%
Pays de la Loire	1.92%
Provence-Alpes-Côte d'Azur	2.19%

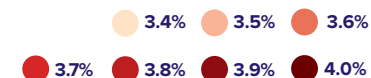
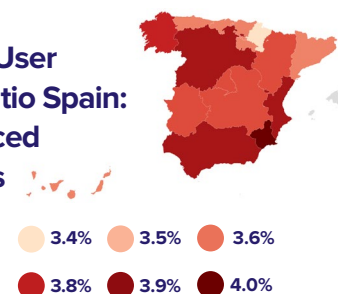
Spain

Home User Risk Ratio Spain: All Threats



Andalucía	31.48%
Aragón	31.53%
Asturias	31.73%
Canarias	30.07%
Cantabria	30.85%
Castilla y León	34.58%
Castilla-La Mancha	31.27%
Catalunya	30.65%
Extremadura	30.73%
Galicia	33.77%
Islas Baleares	28.70%
La Rioja	31.38%
Madrid	31.43%
Murcia	30.45%
Navarra	31.20%
País Vasco	31.39%
Valenciana	31.33%

Home User Risk Ratio Spain: Advanced Threats

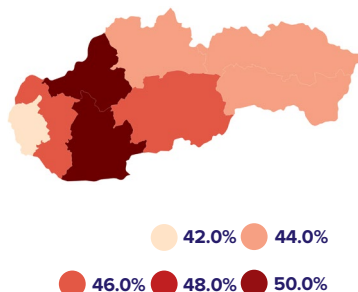


Andalucía	3.86%
Aragón	3.65%
Asturias	3.51%
Canarias	3.55%
Cantabria	3.57%
Castilla y León	3.80%
Castilla-La Mancha	3.65%
Catalunya	3.52%
Extremadura	3.63%
Galicia	3.77%
Islas Baleares	3.61%
La Rioja	3.55%
Madrid	3.64%
Murcia	4.02%
Navarra	3.34%
País Vasco	3.59%
Valenciana	3.89%

E Appendix: Europe

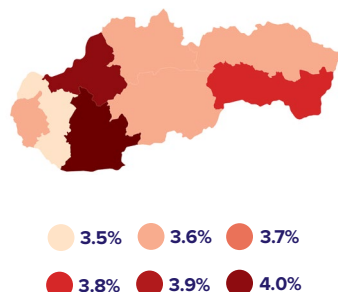
Slovakia

Home User Risk Ratio Slovakia: All Threats



Banskobystrický kraj	44.26%
Bratislavský kraj	41.31%
Košický kraj	42.95%
Nitriansky kraj	51.92%
Prešovský kraj	43.26%
Trnavský kraj	44.93%
Trenčiansky kraj	50.70%
Žilinský kraj	43.63%

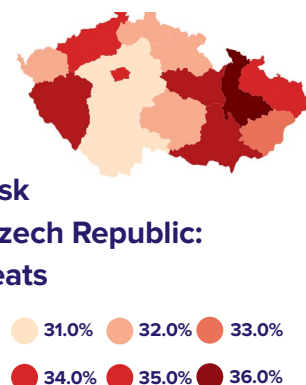
Home User Risk Ratio Slovakia: Advanced Threats



Banskobystrický kraj	3.59%
Bratislavský kraj	3.52%
Košický kraj	3.76%
Nitriansky kraj	4.05%
Prešovský kraj	3.50%
Trnavský kraj	3.44%
Trenčiansky kraj	3.96%
Žilinský kraj	3.51%

Czech Republic

Home User Risk Ratio Czech Republic: All Threats



Central Bohemia	30.54%
Hradec Králové	31.31%
Karlovy Vary	31.08%
Liberec	31.90%
Moravia-Silesia	33.17%
Olomouc	36.28%
Pardubice	34.44%
Plzeň	34.37%
Prague	33.24%
South Bohemia	30.63%
South Moravia	34.20%
Ústí nad Labem	33.11%
Vysočina	31.29%
Zlín	32.31%

Home User Risk Ratio Czech Republic: Advanced Threats

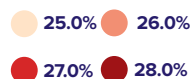
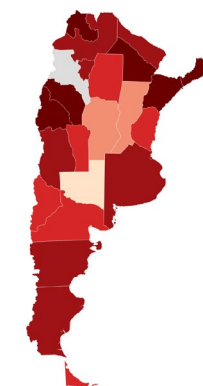


Central Bohemia	3.18%
Hradec Králové	2.93%
Karlovy Vary	3.38%
Liberec	3.02%
Moravia-Silesia	3.41%
Olomouc	3.27%
Pardubice	3.16%
Plzeň	3.18%
Prague	3.38%
South Bohemia	3.03%
South Moravia	3.24%
Ústí nad Labem	3.49%
Vysočina	2.95%
Zlín	3.09%

E Appendix: Latin America

Argentina

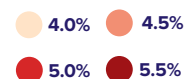
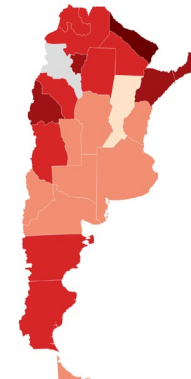
Home User Risk Ratio Argentina: All Threats



Buenos Aires	27.90%
Cordoba	25.79%
Chaco	29.31%
Chubut	27.43%
Corrientes	28.71%
Ciudad de Buenos Aires	29.13%
Entre Ríos	26.76%

Formosa	27.91%
Jujuy	29.04%
La Pampa	24.33%
La Rioja	28.34%
Misiones	29.60%
Mendoza	27.16%
Neuquén	26.39%
Río Negro	26.29%
Salta	27.72%
Santa Cruz	27.87%
Santiago del Estero	26.13%
Santa Fe	25.74%
San Juan	28.36%
San Luis	26.15%
Tierra del Fuego	26.94%

Home User Risk Ratio Argentina: Advanced Threats



Buenos Aires	4.22%
Cordoba	4.34%
Chaco	4.75%
Chubut	4.78%
Corrientes	5.07%
Ciudad de Buenos Aires	4.28%
Entre Ríos	4.29%

Formosa	5.57%
Jujuy	4.93%
La Pampa	4.13%
La Rioja	4.85%
Misiones	5.10%
Mendoza	4.82%
Neuquén	4.30%
Río Negro	4.09%
Salta	4.71%
Santa Cruz	4.52%
Santiago del Estero	4.77%
Santa Fe	3.96%
San Juan	5.29%
San Luis	4.31%
Tierra del Fuego	4.10%

E Appendix: Latin America

Brazil

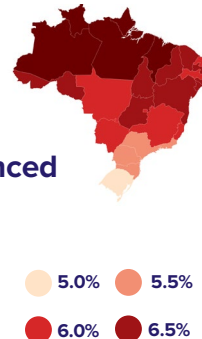
Home User Risk Ratio Brazil: All Threats



Acre	28.02%
Alagoas	28.66%
Amazonas	29.45%
Amapá	31.46%
Bahia	29.40%
Ceará	30.00%
Distrito Federal	29.34%
Espírito Santo	27.92%
Goiás	27.70%

Maranhão	30.17%
Minas Gerais	26.17%
Mato Grosso do Sul	26.46%
Mato Grosso	25.71%
Pará	29.18%
Paraíba	29.56%
Pernambuco	28.62%
Piauí	28.59%
Paraná	26.83%
Rio de Janeiro	26.23%
Rio Grande do Norte	28.86%
Rondônia	27.98%
Roraima	34.20%
Rio Grande do Sul	25.01%
Santa Catarina	25.33%
Sergipe	28.10%
São Paulo	26.34%

Home User Risk Ratio Brazil: Advanced Threats



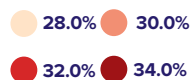
Acre	6.49%
Alagoas	6.10%
Amazonas	6.67%
Amapá	6.88%
Bahia	6.17%
Ceará	6.26%
Distrito Federal	5.83%
Espírito Santo	5.80%
Goiás	6.00%

Maranhão	6.89%
Minas Gerais	5.53%
Mato Grosso do Sul	5.51%
Mato Grosso	5.93%
Pará	6.84%
Paraíba	6.23%
Pernambuco	5.88%
Piauí	6.40%
Paraná	5.42%
Rio de Janeiro	5.14%
Rio Grande do Norte	5.88%
Rondônia	6.35%
Roraima	6.57%
Rio Grande do Sul	4.91%
Santa Catarina	5.10%
Sergipe	6.02%
São Paulo	5.21%

E Appendix: Latin America

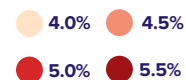
Mexico

Home User Risk Ratio Mexico: All Threats



Aguascalientes	28.62%	Jalisco	29.90%
Baja California	30.87%	México	26.96%
Baja California Sur	31.13%	Michoacán de Ocampo	26.03%
Campeche	29.16%	Morelos	28.54%
Chihuahua	26.29%	Nayarit	28.41%
Chiapas	34.56%	Nuevo León	30.96%
Ciudad de México	29.07%	Oaxaca	29.61%
Coahuila de Zaragoza	32.82%	Puebla	30.46%
Colima	28.80%	Querétaro	32.05%
Durango	28.47%	Quintana Roo	29.49%
Guerrero	31.48%	Sinaloa	28.72%
Guanajuato	28.86%	San Luis Potosí	28.45%
Hidalgo	27.26%	Sonora	31.59%
		Tabasco	35.92%
		Tamaulipas	29.67%
		Tlaxcala	30.95%
		Veracruz de Ignacio	
		de la Llave	31.31%
		Yucatán	31.93%
		Zacatecas	26.57%

Home User Risk Ratio Mexico: Advanced Threats



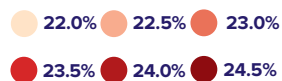
Aguascalientes	4.35%	Jalisco	4.81%
Baja California	4.74%	México	4.45%
Baja California Sur	4.99%	Michoacán de Ocampo	4.65%
Campeche	4.68%	Morelos	4.61%
Chihuahua	4.43%	Nayarit	4.71%
Chiapas	4.89%	Nuevo León	4.63%
Ciudad de México	4.48%	Oaxaca	4.95%
Coahuila de Zaragoza	5.51%	Puebla	4.99%
Colima	4.59%	Querétaro	4.94%
Durango	5.01%	Quintana Roo	4.63%
Guerrero	4.84%	Sinaloa	4.68%
Guanajuato	4.78%	San Luis Potosí	4.83%
Hidalgo	4.42%	Sonora	4.61%
		Tabasco	5.80%
		Tamaulipas	4.70%
		Tlaxcala	4.69%
		Veracruz de Ignacio	
		de la Llave	5.03%
		Yucatán	5.00%
		Zacatecas	3.94%

E Appendix: Oceania

Australia



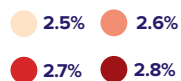
**Home User
Risk Ratio Australia:
All Threats**



Australian Capital Territory	23.72%
New South Wales	24.07%
Queensland	22.98%
South Australia	23.12%
Tasmania	21.64%
Victoria	24.94%
Western Australia	23.66%



**Home User
Risk Ratio Australia:
Advanced Threats**

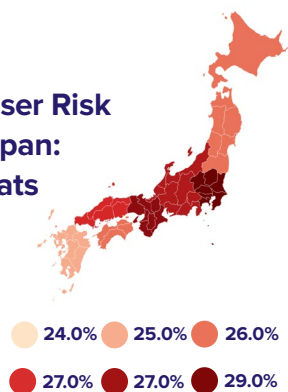


Australian Capital Territory	2.64%
New South Wales	2.74%
Queensland	2.79%
South Australia	2.81%
Tasmania	2.41%
Victoria	2.77%
Western Australia	2.75%

E Appendix: Asia

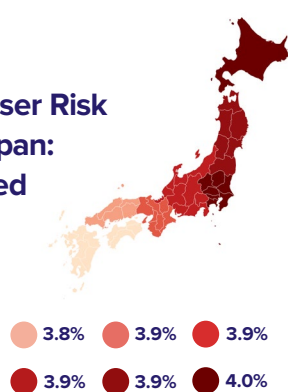
Japan

Home User Risk Ratio Japan: All Threats



Chūbu	26.50%
Chūgoku	25.69%
Hokkaido	25.47%
Kansai	27.02%
Kantō	28.96%
Kyushu	24.23%
Shikoku	24.84%
Tōhoku	25.54%

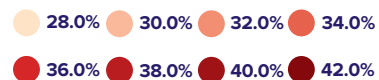
Home User Risk Ratio Japan: Advanced Threats



Chūbu	3.91%
Chūgoku	3.84%
Hokkaido	3.95%
Kansai	3.88%
Kantō	4.02%
Kyushu	3.79%
Shikoku	3.80%
Tōhoku	3.92%

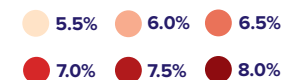
India

Home User Risk Ratio India: All Threats



Andhra Pradesh	32.12%
Assam	29.64%
Bihar	27.52%
Chandigarh	38.37%
Chhattisgarh	42.39%
Dādra and Nagar Haveli and Damān and Diu	30.61%
Goa	31.51%
Gujarat	27.32%
Himachal Pradesh	27.04%
Jammu and Kashmīr	32.58%
Haryāna	34.82%
Jhārkhand	35.84%
Karnāṭaka	27.30%
Kerala	27.75%
Mahārāshtra	30.22%
Manipur	34.08%
Madhya Pradesh	32.61%
Odisha	28.56%
Punjab	32.61%
Puducherry	39.73%
Rājasthān	27.56%
Telangāna	29.99%
Tamil Nādu	28.26%
Uttar Pradesh	30.06%
Uttarākhanda	37.22%
West Bengal	29.75%

Home User Risk Ratio India: Advanced Threats



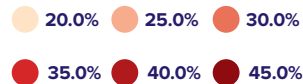
Andhra Pradesh	5.31%
Assam	6.65%
Bihar	6.50%
Chandigarh	7.31%
Chhattisgarh	8.10%
Dādra and Nagar Haveli and Damān and Diu	6.06%
Goa	5.11%
Gujarat	6.45%
Himachal Pradesh	5.41%
Jammu and Kashmīr	6.96%
Haryāna	6.49%
Jhārkhand	7.09%
Karnāṭaka	5.21%
Kerala	5.46%
Mahārāshtra	6.03%
Manipur	7.59%
Madhya Pradesh	7.02%
Odisha	5.69%
Punjab	6.82%
Puducherry	7.01%
Rājasthān	5.99%
Telangāna	5.11%
Tamil Nādu	5.79%
Uttar Pradesh	6.22%
Uttarākhanda	6.67%
West Bengal	6.14%

E Appendix: Russia

Russia



Home User Risk Ratio Russia: All Threats



Adygeya	36.68%
Altay	38.06%
Altayskiy kray	31.04%
Amurskaya oblast'	31.06%
Arkhangel'skaya oblast'	28.05%
Astrakhanskaya oblast'	29.95%
Bashkortostan	29.00%
Belgorodskaya oblast'	31.07%
Bryanskaya oblast'	31.75%
Buryatiya	30.39%

Chechenskaya	36.43%
Chelyabinskaya oblast'	30.92%
Chuvashskaya	33.21%
Dagestan	30.90%
Irkutskaya oblast'	31.44%
Ivanovskaya oblast'	31.44%
Kamchatskiy kray	28.15%
Kabardino-Balkarskaya	37.61%
Karachayevo-Cherkesskaya	21.14%
Krasnodarskiy kray	30.57%
Kemerovskaya oblast'	32.15%
Kaliningradskaya oblast'	31.29%
Kurganskaya oblast'	30.71%
Khabarovskiy kray	32.71%
Khanty-Mansiyskiy avtonomnyy okrug	32.36%
Kirovskaya oblast'	28.05%
Khakasiya	30.44%
Kalmykiya	28.43%
Kaluzhskaya oblast'	31.00%
Komi	29.60%
Kostromskaya oblast'	28.82%
Kareliya	26.89%

Kurskaya oblast'	31.05%
Krasnoyarskiy kray	29.89%
Leningradskaya oblast'	30.20%
Lipetskaya oblast'	33.30%
Mariy E	30.37%
Mordoviya	31.52%
Moskovskaya oblast'	30.27%
Moskva	29.45%
Murmanskaya oblast'	30.27%
Novgorodskaya oblast'	29.54%
Nizhegorodskaya oblast'	31.18%
Novosibirskaya oblast'	31.71%
Omskaya oblast'	30.99%
Orenburgskaya oblast'	30.81%
Orlovskaya oblast'	31.25%
Permskiy kray	30.68%
Penzenskaya oblast'	31.21%
Primorskiy kray	29.96%
Pskovskaya oblast'	30.42%
Rostovskaya oblast'	34.67%
Ryazanskaya oblast'	29.52%
Saha	28.60%
Sakhalinskaya oblast'	28.22%

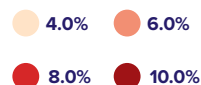
Samarskaya oblast'	18.46%
Saratovskaya oblast'	31.00%
Severnaya Osetiya,	29.75%
Smolenskaya oblast'	31.15%
Sankt-Peterburg	29.51%
Stavropol'skiy kray	29.64%
Sverdlovskaya oblast'	29.08%
Tatarstan	29.86%
Tambovskaya oblast'	31.18%
Tomskaya oblast'	32.37%
Tul'skaya oblast'	30.38%
Tverskaya oblast'	28.27%
Tyumenskaya oblast'	28.95%
Udmurtskaya	31.22%
Ul'yanovskaya oblast'	32.69%
Volgogradskaya oblast'	47.41%
Vladimirskaya oblast'	29.36%
Vologodskaya oblast'	28.87%
Voronezhskaya oblast'	32.29%
Yamalo-Nenetskiy avtonomnyy okrug	28.28%
Yaroslavl'skaya oblast'	30.68%
Zabaykal'skiy kray	29.57%

E Appendix: Russia

Russia



Home User Risk Ratio Russia: Advanced Threats



Adygeya	7.95%
Altay	8.56%
Altayskiy kray	7.21%
Amurskaya oblast'	8.06%
Arkhangel'skaya oblast'	6.77%
Astrakhanskaya oblast'	7.22%
Bashkortostan	7.02%
Belgorodskaya oblast'	7.31%
Bryanskaya oblast'	7.36%
Buryatiya	8.25%

Chechenskaya	10.23%
Chelyabinskaya oblast'	7.47%
Chuvashskaya	7.67%
Dagestan	8.08%
Irkutskaya oblast'	7.97%
Ivanovskaya oblast'	7.26%
Kamchatskiy kray	8.79%
Kabardino-Balkarskaya	8.46%
Karachayevo-Cherkesskaya	7.26%
Krasnodarskiy kray	7.51%
Kemerovskaya oblast'	7.70%
Kaliningradskaya oblast'	7.02%
Kurganskaya oblast'	7.36%
Khabarovskiy kray	8.48%
Khanty-Mansiyskiy avtonomnyy okrug	7.86%
Kirovskaya oblast'	7.42%
Khakasiya	7.04%
Kalmykiya	6.92%
Kaluzhskaya oblast'	7.26%
Komi	7.03%
Kostromskaya oblast'	6.36%
Kareliya	5.83%

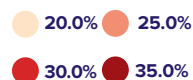
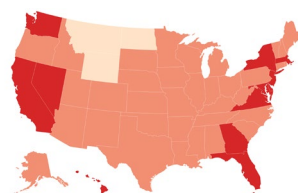
Kurskaya oblast'	7.72%
Krasnoyarskiy kray	7.18%
Leningradskaya oblast'	6.54%
Lipetskaya oblast'	7.27%
Mariy El	7.42%
Mordoviya	7.11%
Moskovskaya oblast'	6.77%
Moskva	6.53%
Murmanskaya oblast'	7.28%
Novgorodskaya oblast'	10.08%
Nizhegorodskaya oblast'	7.43%
Novosibirskaya oblast'	7.71%
Omskaya oblast'	7.26%
Orenburgskaya oblast'	7.43%
Orlovskaya oblast'	7.17%
Permskiy kray	7.66%
Penzenskaya oblast'	7.31%
Primorskiy kray	7.80%
Pskovskaya oblast'	7.25%
Rostovskaya oblast'	7.99%
Ryazanskaya oblast'	6.68%
Saha	8.44%
Sakhalinskaya oblast'	7.87%

Samarskaya oblast'	3.65%
Saratovskaya oblast'	7.12%
Severnaya Osetiya,	7.00%
Smolenskaya oblast'	7.18%
Sankt-Peterburg	6.40%
Stavropol'skiy kray	7.10%
Sverdlovskaya oblast'	7.26%
Tatarstan	7.21%
Tambovskaya oblast'	6.86%
Tomskaya oblast'	7.33%
Tul'skaya oblast'	7.31%
Tverskaya oblast'	6.51%
Tyumenskaya oblast'	7.24%
Udmurtskaya	7.08%
Ul'yanovskaya oblast'	7.17%
Volgogradskaya oblast'	10.97%
Vladimirskaya oblast'	7.05%
Vologodskaya oblast'	6.78%
Voronezhskaya oblast'	7.52%
Yamalo-Nenetskiy avtonomnyy okrug	7.72%
Yaroslavl'skaya oblast'	6.94%
Zabaykal'skiy kray	8.30%

E Appendix: North America

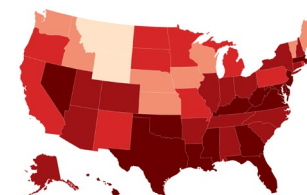
USA

Home User Risk Ratio USA: All Threats

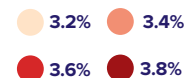


Alaska	22.50%
Alabama	22.10%
Arkansas	21.86%
Arizona	23.98%
California	26.10%
Colorado	24.03%
Connecticut	24.06%
District of Columbia	39.35%
Delaware	27.82%
Florida	25.74%
Georgia	25.25%
Hawaii	26.42%
Iowa	21.03%
Idaho	20.72%
Illinois	24.98%
Indiana	22.21%
Kansas	21.73%
Kentucky	22.52%
Louisiana	22.50%
Massachusetts	26.97%

Maryland	26.04%
Maine	23.43%
Michigan	21.25%
Minnesota	22.50%
Missouri	21.90%
Mississippi	21.60%
Montana	19.73%
North Carolina	22.93%
North Dakota	19.65%
Nebraska	20.75%
New Hampshire	24.56%
New Jersey	28.01%
New Mexico	22.08%
Nevada	27.66%
New York	29.43%
Ohio	22.64%
Oklahoma	21.76%
Oregon	23.19%
Pennsylvania	23.68%
Rhode Island	24.20%
South Carolina	22.96%
South Dakota	20.32%
Tennessee	22.30%
Texas	24.46%
Utah	22.19%
Virginia	25.19%
Vermont	23.49%
Washington	20.62%
Wisconsin	25.70%
West Virginia	23.42%
Wyoming	19.30%



Home User Risk Ratio USA: Advanced Threats

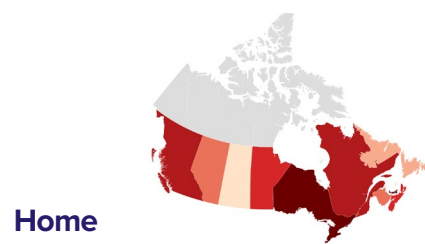


Alaska	3.68%
Alabama	3.71%
Arkansas	3.78%
Arizona	3.77%
California	3.47%
Colorado	3.79%
Connecticut	3.65%
District of Columbia	3.96%
Delaware	4.12%
Florida	4.03%
Georgia	4.05%
Hawaii	3.85%
Iowa	3.29%
Idaho	3.34%
Illinois	3.67%
Indiana	3.75%
Kansas	3.34%
Kentucky	3.97%
Louisiana	4.15%
Massachusetts	3.84%

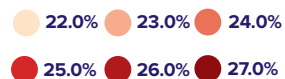
Maryland	4.16%
Maine	3.36%
Michigan	3.50%
Minnesota	3.59%
Missouri	3.49%
Mississippi	3.92%
Montana	2.88%
North Carolina	3.66%
North Dakota	3.49%
Nebraska	3.31%
New Hampshire	3.64%
New Jersey	4.05%
New Mexico	3.57%
Nevada	4.24%
New York	3.61%
Ohio	3.64%
Oklahoma	4.02%
Oregon	3.50%
Pennsylvania	3.57%
Rhode Island	3.44%
South Carolina	3.79%
South Dakota	3.47%
Tennessee	3.68%
Texas	4.15%
Utah	3.74%
Virginia	4.02%
Vermont	3.32%
Washington	3.34%
Wisconsin	3.38%
West Virginia	3.81%
Wyoming	3.03%

E Appendix: North America

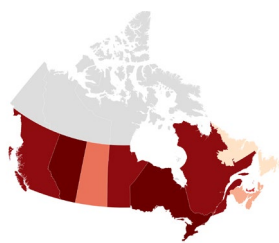
Canada



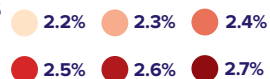
**Home
User Risk Ratio
Canada: All Threats**



Alberta	23.19%
British Columbia	25.60%
Manitoba	24.46%
New Brunswick	23.82%
Newfoundland & Labrador	22.43%
Nova Scotia	24.31%
Ontario	27.52%
Prince Edward Island	27.10%
Quebec	25.69%
Saskatchewan	21.21%



**Home
User Risk Ratio
Canada: Advanced
Threats**



Alberta	2.74%
British Columbia	2.68%
Manitoba	2.62%
New Brunswick	2.20%
Newfoundland & Labrador	2.17%
Nova Scotia	2.22%
Ontario	2.71%
Prince Edward Island	2.47%
Quebec	2.69%
Saskatchewan	2.38%

Contact Information

pr@avast.com

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