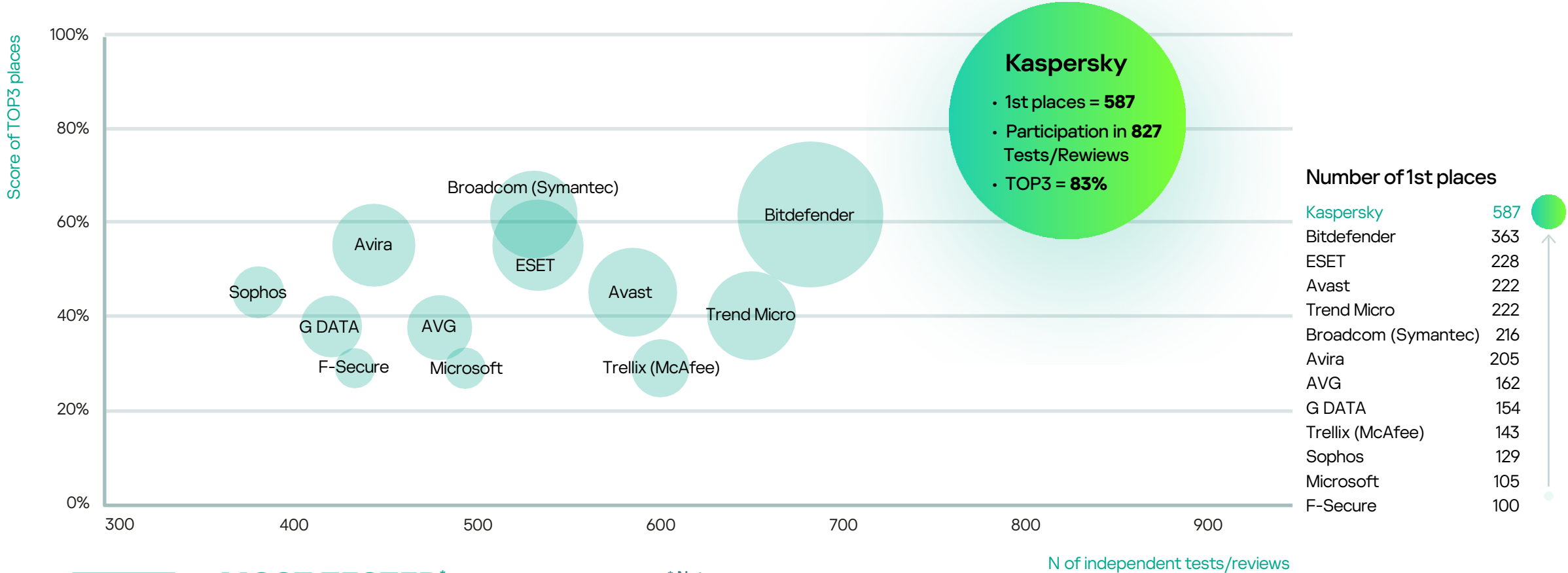# Most tested. Most awarded. Kaspersky protection.*

During period of 2013-2022 Kaspersky products participated in 827 independent tests and reviews.
Our products were awarded 587 firsts and achieved 685 top-three finishes.

Score of TOP3 places

100%
80%
60%
40%
20%
0%

Kaspersky
- 1st places = **587**
- Participation in **827** Tests/Rewiews
- TOP3 = **83%**

Broadcom (Symantec)
Bitdefender
Avira
ESET
Sophos
Avast
G DATA
AVG
Trend Micro
F-Secure
Microsoft
Trellix (McAfee)

300   400   500   600   700   800   900

N of independent tests/reviews

Number of 1st places

Kaspersky	587
Bitdefender	363
ESET	228
Avast	222
Trend Micro	222
Broadcom (Symantec)	216
Avira	205
AVG	162
G DATA	154
Trellix (McAfee)	143
Sophos	129
Microsoft	105
F-Secure	100

MOST TESTED*
MOST AWARDED*
KASPERSKY PROTECTION

***kaspersky.com/top3**

* Notes:
- According to the independent test results of corporate and consumer products during 2013-2022.
- The summary includes independent tests conducted by: AppEsteem, AV-Comparatives, AV-TEST, Dennis Technology Labs, ICSA Labs, Matousec, MRG Effitas, NSS Labs, PCSL, SE Labs, Testing Ground Labs, The Tolly Group, Virus Bulletin.
- The performed tests assess protection technologies against known, unknown and advanced threats.
- The bigger the circle, the more often the company's solutions ranked first in independent tests.

2013-2022 TOP3 metric description

TOP3 metric reflects how successful a vendor was in independent comparative tests within the selected period.

The main characteristic of success is **a TOP3 score** that shows how many times a vendor with its products gained the first, second, or third place in independent tests they participated in within a reported period. **The TOP3 score** is calculated by dividing a vendor's **TOP3 counter** by a vendor's **Participation counter**.

The TOP3 score is determined for each participating vendor separately and then compared to each other.

1. Depending on a test, final test results may vary from giving awards for participating vendors to providing only a list of their detection rates and false positives.
    A vendors's **TOP3 counter** is incremented either for winning an award or ranking in the first three places in a test. It cannot be incremented both for receiving the award and one of the first three places.
    Several vendors can achieve equal results in detection rates, or summary results, or win awards of the same grade. In this case, the vendors share the same place in the same test.
    In case of detection rates or summary results, the place of a vendor with the lower result is calculated as "number of higher ranked vendors + 1". For instance, the sequence "1,1,2,3" is not possible, whilst "**1,1,3**,4", or "**1,2,2**,4", or "**1,1,1,1,1**,6" are . In the latest sequences TOP3 counter will be incremented for bolded vendors only.
    In regards with awards, refer to rule clarifications listed in the tests description below.

2. A vendor's **Participation counter** is incremented each time one of its products participates in a test/review/overview.
    In some tests several products of one vendor can participate in the same test. In those cases, since all products increment the vendor's Participation counter, the Participation counter can be higher than a total number of tests.

Only those who participate in 35% or more of the total number of tests have their results represented in the chart.

The deadline for submitting scores attained during period 2013-2022 was February 1st, 2023, with no option to add any test/review after this date.

Among the security vendors participating in the TOP3 measurements are: Avast, AVG, Avira, Bitdefender, Broadcom (Symantec), BullGuard, Crowdstrike, ESET, F-Secure, G DATA, Kaspersky, Microsoft, NortonLifeLock, Palo Alto, Panda, Sentinel One, Sophos, Trellix (McAfee), Trend Micro, Quick Heal and VMWare (Carbon Black). A complete list of participants appears at the end of this document.

	No of tests entered	No of TOP3 places	Score of TOP3 places (%)	No of 1st places
Kaspersky	827	685	83%	587
Bitdefender	683	420	61%	363
Broadcom (Symantec)	531	322	61%	216
ESET	558	302	54%	228
Avira	442	239	54%	205
Sophos	388	175	45%	129
Avast	583	259	44%	222
Trend Micro	647	262	40%	222
G DATA	417	161	39%	154
AVG	479	179	37%	162
Trellix (McAfee)	600	176	29%	143
Microsoft	492	143	29%	105
F-Secure	434	124	29%	100

2013-2022 TOP3 metric description

The tests included into TOP3 metric for each separate year,
as well as their distribution by various types of threats, including advanced threats, and test types,
are listed in the corresponding PDF documents:

- **TOP3-2022** https://content.kaspersky-labs.com/se/media/en/TOP3-2022.pdf
- **TOP3-2021** https://content.kaspersky-labs.com/se/media/en/TOP3-2021.pdf
- **TOP3-2020** https://content.kaspersky-labs.com/se/media/en/TOP3-2020.pdf
- **TOP3-2019** https://content.kaspersky-labs.com/se/media/en/TOP3-2019.pdf
- **TOP3-2018** https://content.kaspersky-labs.com/se/media/en/TOP3-2018.pdf
- **TOP3-2017** https://content.kaspersky-labs.com/se/media/en/TOP3_2017.pdf
- **TOP3-2016** https://content.kaspersky-labs.com/se/media/en/TOP3_2016.pdf
- **TOP3-2015** https://content.kaspersky-labs.com/se/media/en/TOP3_2015.pdf
- **TOP3-2014** https://content.kaspersky-labs.com/se/media/en/TOP3_2014.pdf
- **TOP3-2013** https://content.kaspersky-labs.com/se/media/en/TOP3_2013.pdf

Security vendors participating in the TOP3 measurements:

1E, 7Labs, Acronis, AdSpider, AegisLab, Agnitum, AhnLab, AI Max Dev Labs, AiDevLab, Airo, Alibaba, Amazon, Anguanjia, Anonimous, Antibot CD, Antivirus Apps Studio, Antiy Labs, Anvisoft, Apex Apps, Apple, Apple iOS, APUS Group, ArcaBit, Ariasecure, Armor for Android, Ars Nova Systems, Ashampoo, Avast, Avc Security, Avetix, AVG, Avira, AVL Team, AVSoftware (UnThreat), Baidu, BaiSi, BangStudio, Barracuda, Bastiv, Best App, Best Tools Pro Cleaner, BeyondTrust, Bitdefender, BitMedic, BKAV, Blackberry (Cylance), BlackFort, Blue Coat, Bluepex, Bornaria, Brainiacs Apps, Broadcom (Symantec), Bsafe Labs, BullGuard, CA Uber Apps, CAP Lab, Check Point, Cheetah Mobile, Chili Security, CHOMAR, Cisco, ClamAV, ClamXav, Clario, Clean Boost+, Clearsight, CMC Cyber Security, Combo, Commtouch, Comodo, CompuClever, ContentKeeper, ContentWatch, CORE, Coronet, Counter Tack, Cranes, CrowdStrike, Cryptoprevent, Cyber Intell Solutions, Cybereason, CyberGhost S.A., CYBERsitter, Cynet, Cyphort, CyRadar, CYREN, Data443, Deep Instinct, Defenx, DevStudio99, Digital Defender, Dr.Web, DSC, DU Apps Studio, DU Group, Elastic, Emsisoft, Endgame, Enigma Software Group, Ensilo, Entensys, eScan, ESET, ESTsecurity, ESTsoft, Exosphere, ExpressVPN International , Faronics, Fast Track, FileMedic, Filseclab, FireEye, FixMeStick, Forcepoint, Fortinet, Fotoable, Frisk, F-Secure, G DATA, GearMedia, GFI/Sunbelt, GizmoLife, G-Lock, GO Security, Google, GoSecure, Gpaddy, G-Protector, Green Booster, Hammock, Hauri, Hawk App, Heimdal, Heise, Hi Dev Team, Hi Security Lab, High Security Team, Himlamo, HitmanPro, Hyper Speed, iBoss, Ikarus, Inca, INetCop, Innovana, Intego, IntelliAV, Invincea, IObit, Iolo, IronNet, iSheriff, Jarviz, Jetico, Jiangmin, Jumpshot, Juniper, JusProg, K7, K9, Kaspersky, Kiddoware, KinderServer, Kingsoft, KromTech, KSMobile, Kyrol, Lavasoft, LBE Security, Lenovo, LINE, LionMobi, Lookout, Lumension, Malwarebytes, MalwareFox, Max Dev Labs, Max Mobi Secure, maya, Media Master, Microsoft, Microworld, Mimecast, MINUSOFT, MMGuardian, Mobicip, MobiDev Studio, Mobile Agency, MobileAppDev, MSecure, MY-DATA, MYMobileSecurity, MyPCwash, NANO, Net Nanny, NetMove, NetQin, NEWAPPSDEV, newborntown, NightCorp, NOAH Security, NordVPN, Norman ASA, NorthGuard, NortonLifeLock, Nox, nProtect, NQ, NSHC, Nyotron Security, ONE App Limited, OpenDNS, Optenet, Palo Alto, Panda, Pango, Panzor, PC Booster, PC Pitstop, PC Tools, PCKeeper, PCProtect, PCVARK, Perception-Point, Phone Clean Apps, Photo Editor Creative Cleaner, PICOO Design, Playcastle, Pocao, Pocket Bits, Power Tools Team, Prevention, Pribno, Privacy Lab, Private Internet Access Inc., Privax Limited, ProDot, Product A, Proofpoint, ProtectWorks AntiVirus, Proton Technologies, PSafe, Qi-ANXIN, Qihoo 360, Quarri, Quick Heal, Qustodio, Ranger Pro, RCS LT, RevBits, REVE, Rising, Roboscan, SafeDNS, Safer Networking, Saint, Salfeld, Samsung, Sangfor, Scandium Security, Scanguard, Screen Time Labs, Secucloud, SecuraLive, SecureAge, SecureAlive, SecureBrain, SecureIT, SecureTeen, Securetek IT Solutions, Securion, Security Apps Studio, Security Cleaner Team, Security Elite, Security Mobile, Security Safe Protect Team, SentinelOne, Senvira, Seqrite, Sequretec, Shield Antivirus, SK Telecom, skydns, SmartCOP, Smooth Apps Studio, SoftSphere Technologies, SonicWall, Sophos, SourceFire, SparkCognition, Spybot, STOPzilla, Super Cleaner Studio, Super Security Studio, Super Security Tech, SUPERAntiSpyware, Supermobilesafe, Surfgarten, Surfshark, SUVsoft, Tabidus, TAPI Security Labs, TeamViewer, Telekom, Tencent, TGSoft, Thirtseven4, ThreatBook, ThreatMetrix, ToolsDevelope, Total Defense, TotalAV, Trellix (McAfee), Trend Micro, Trusteer, TrustGo, Trustlook, TrustPort, Trustwave, Tuxguard, Tweaking Technologies, ULIS, Utililab, UtilTool, VendorA, VendorB, VendorC, VendorD, Vendor A (AVC-EPR), Vendor B (AVC-EPR), Vendor C (AVC-EPR), Vendor D (AVC-EPR), Vendor E (AVC-EPR), Vendor A (AVC-PC), Vendor B (AVC-PC), Vendor C (AVC-PC), Vendor D (AVC-PC), VexxGuard, Viettel Security, Vipre, Visual Threat, Vitekco K, VMware (Carbon Black), Wantagetech Solutions, Watchdog, WatchGuard, We Make It Appen, Webroot, Wecool, WeMakeItHappen, White Gate, WhiteArmor, wifi protector, WithSecure, Witigo, Wontok, Z Lock Screen Team, Z Security Apps, Zemana, ZeoBIT LLC, Zillya!, Zoner.