

# THE DOMAIN NAME INDUSTRY BRIEF

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## THE DOMAIN NAME INDUSTRY BRIEF

As a global provider of domain name registry services and internet infrastructure, Verisign reviews the state of the domain name industry each quarter through a variety of statistical and analytical research, as well as relevant industry insights. Verisign provides this brief to highlight important trends in domain name registrations, including key performance indicators and growth opportunities, to industry analysts, media, and businesses.

### EXECUTIVE SUMMARY

The first quarter of 2023 closed with 354.0 million domain name registrations across all top-level domains (TLDs), an increase of 3.5 million domain name registrations, or 1.0%, compared to the fourth quarter of 2022.<sup>1,2</sup> Domain name registrations also increased by 3.5 million, or 1.0%, year over year.<sup>1,2</sup>

The .com and .net TLDs had a combined total of 174.8 million domain name registrations in the domain name base<sup>3</sup> at the end of the first quarter of 2023, an increase of 1.0 million domain name registrations, or 0.6%, compared to the fourth quarter of 2022. The .com and .net TLDs had a combined increase of 0.1 million domain name registrations, or 0.1%, year over year. As of March 31, 2023, the .com domain name base totaled 161.6 million domain name registrations, and the .net domain name base totaled 13.2 million domain name registrations.

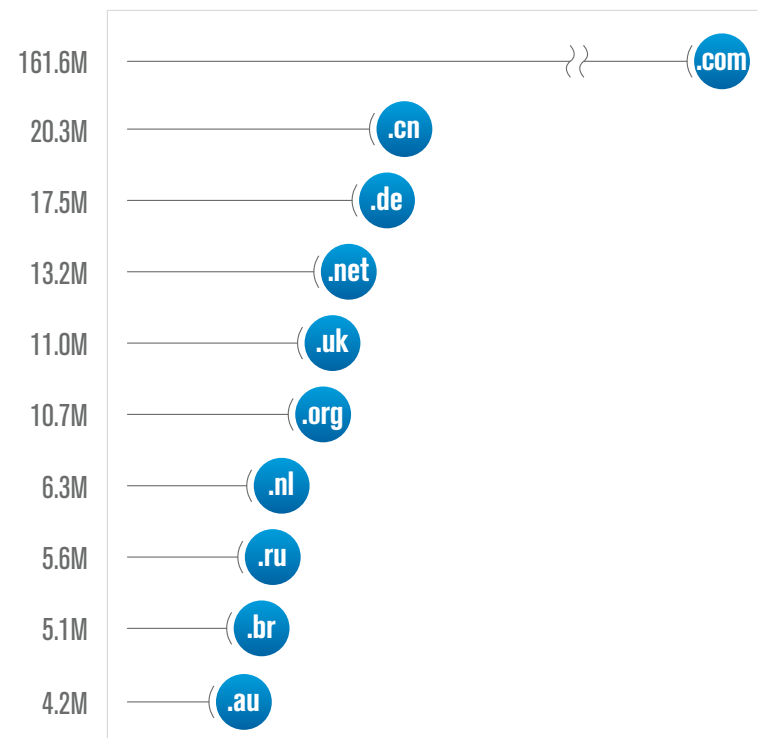
New .com and .net domain name registrations totaled 10.3 million at the end of the first quarter of 2023, compared to 10.2 million domain name registrations at the end of the first quarter of 2022.

Total country-code TLD (ccTLD) domain name registrations were 135.7 million at the end of the first quarter of 2023, an increase of 2.6 million domain name registrations, or 2.0%, compared to the fourth quarter of 2022.<sup>1,2</sup> ccTLDs increased by 2.3 million domain name registrations, or 1.7%, year over year.<sup>1,2</sup>

Total new generic TLD (ngTLD) domain name registrations were 27.3 million at the end of the first quarter of 2023, a decrease of 0.2 million domain name registrations, or 0.6%, compared to the fourth quarter of 2022. ngTLDs increased by 0.9 million domain name registrations, or 3.6%, year over year.

### TOP 10 LARGEST TLDs BY NUMBER OF REPORTED DOMAIN NAMES

Source: ZookNIC, Q1 2023; Verisign, Q1 2023; Centralized Zone Data Service, Q1 2023



As of March 31, 2023, the 10 largest TLDs by number of reported domain names were .com, .cn, .de, .net, .uk, .org, .nl, .ru, .br, and .au.<sup>1,2,4</sup>

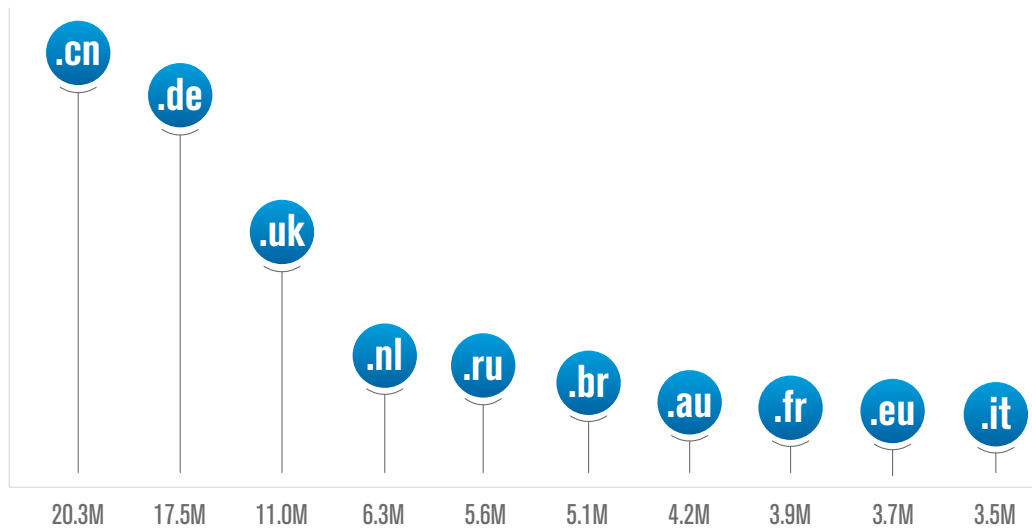


## TOP 10 LARGEST ccTLDs BY NUMBER OF REPORTED DOMAIN NAMES

Source: ZookNIC, Q1 2023

For further information on *The Domain Name Industry Brief* methodology, please see the Editor's Note contained in [Vol. 19, Issue 1 of \*The Domain Name Industry Brief\*](#).

The top 10 ccTLDs, as of March 31, 2023, were .cn, .de, .uk, .nl, .ru, .br, .au, .fr, .eu, and .it.<sup>1,2</sup> As of March 31, 2023, there were 308 global ccTLD extensions delegated in the root zone, including internationalized domain names, with the top 10 ccTLDs comprising 59.7% of all ccTLD domain name registrations.<sup>1,2</sup>

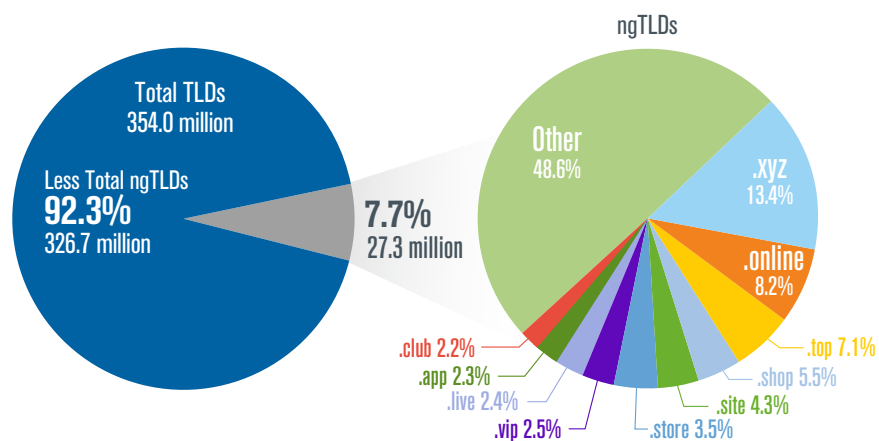


*(Editor's Note: The March 2023 issue of the Domain Name Industry Brief incorrectly reported the number of domain name registrations in the .eu ccTLD.<sup>2</sup> This was the result of a one-time error in the .eu domain name registration data, provided by ZookNIC, which has since been resolved.)*

## ngTLDs AS PERCENTAGE OF TOTAL TLDs

Source: ZookNIC, Q1 2023; Verisign, Q1 2023; and Centralized Zone Data Service, Q1 2023

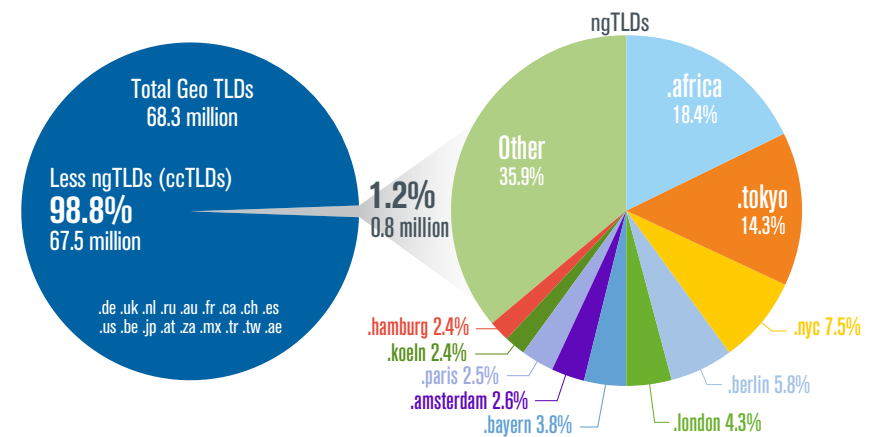
The top 10 ngTLDs represented 51.4% of all ngTLD domain name registrations. The following chart shows ngTLD domain name registrations as a percentage of overall TLD domain name registrations, of which they represent 7.7%. In addition, the chart on the right highlights the top 10 ngTLDs as a percentage of all ngTLD domain name registrations for the first quarter of 2023.



## GEOGRAPHICAL ngTLDs AS PERCENTAGE OF TOTAL CORRESPONDING GEOGRAPHICAL TLDs

Source: ZookNIC, Q1 2023 and Centralized Zone Data Service, Q1 2023

As of March 31, 2023, there were 51 ngTLDs delegated that met the following criteria: 1) had a geographical focus and 2) had more than 1,000 domain name registrations since entering general availability. The chart on the left summarizes the domain name registrations as of March 31, 2023, for the listed ccTLDs and the corresponding geographical ngTLDs within the same geographic region. In addition, the chart on the right highlights the top 10 geographical ngTLDs as a percentage of the total geographical TLDs.





## NEW ON THE VERISIGN BLOG / Jan. – April 2023



### **VERISIGN'S ROLE IN SECURING THE DNS THROUGH KEY SIGNING CEREMONIES**

Every few months, an important ceremony takes place to generate Domain Name System Security Extensions (DNSSEC) signatures for use in the Domain Name System (DNS) root zone. These recurring ceremonies help ensure that the root zone is properly signed, and as a result, the DNS remains secure, stable, and resilient.



### **MINIMIZED DNS RESOLUTION: INTO THE PENUMBRA**

Over the past several years, domain name queries have quietly become more secure, thanks, in large part, to a little-known set of technologies that are having a global impact. Recently, the DNS operators have begun to deploy various “minimization techniques” aimed at reducing both the quantity and sensitivity of information exchanged between DNS ecosystem components as a means of improving DNS security. Why the shift? It's all in the interest of bringing the process closer to the “need-to-know” security principle, which emphasizes the importance of sharing only the minimum amount of information required to complete a task or carry out a function. This effort is part of a general, larger movement to reduce the disclosure of sensitive information in our digital world.



### **ADDING ZONEMD PROTECTIONS TO THE ROOT ZONE**

The DNS root zone will soon be getting a new record type, called ZONEMD, to further ensure the security, stability, and resiliency of the global DNS. This change will provide a valuable additional layer of cryptographic security to ensure the reliability of root zone data.



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## ABOUT VERISIGN

Verisign, a global provider of domain name registry services and internet infrastructure, enables internet navigation for many of the world's most recognized domain names. Verisign enables the security, stability, and resiliency of key internet infrastructure and services, including providing root zone maintainer services, operating two of the 13 global internet root servers, and providing registration services and authoritative resolution for the .com and .net top-level domains, which support the majority of global e-commerce. To learn more about what it means to be Powered by Verisign, please visit [Verisign.com](https://www.verisign.com).

## LEARN MORE

To access the archives for *The Domain Name Industry Brief*, please go to [verisign.com/dnibarchives](https://www.verisign.com/dnibarchives). Email your comments or questions to [DomainBrief@verisign.com](mailto:DomainBrief@verisign.com).

## METHODOLOGY

The data presented in this brief, including quarter-over-quarter and year-over-year metrics, reflects information available to Verisign at the time of this brief and may incorporate changes and adjustments to previously reported periods based on additional information received since the date of such prior reports, so as to more accurately reflect the growth rate of domain name registrations. In addition, the data available for this brief may not include data for all of the 308 ccTLD extensions that are delegated to the root zone, and includes only the data available at the time of the preparation of this brief. Beginning with [Vol. 19, Issue 1 of \*The Domain Name Industry Brief\*](#), the .tk, .cf, .ga, .gq, and .ml ccTLDs have been excluded from all applicable calculations. The historical data has been adjusted from Vol. 19, Issue 1 forward.

For generic TLD and ccTLD data cited with ZookNIC as a source, the ZookNIC analysis uses a comparison of domain name root zone file changes supplemented with other authoritative data sources and independent approximations. For more information, see [ZookNIC.com](https://www.zooknic.com).

1 Per the Editor's Note in [Vol. 19, Issue 1 of \*The Domain Name Industry Brief\*](#), all figure(s) exclude domain names in the .tk, .cf, .ga, .gq, and .ml ccTLDs operated by Freenom. Quarterly and year-over-year trends have been calculated relative to historical figures that have also been adjusted to exclude these five ccTLDs.  
2 The generic TLD, ngTLD, and ccTLD data cited in this brief: (i) includes ccTLD internationalized domain names, (ii) is an estimate as of the time this brief was developed and (iii) is subject to change as more complete data is received. Some numbers in this brief may reflect standard rounding.  
3 The domain name base is the active zone plus the number of domain names that are registered but not configured for use in the respective TLD zone file plus the number of domain names that are in a client or server hold status. The .com and .net domain name registration figures are as reported in Verisign's most recent SEC filings.  
4 Line break indicates that the .com line has been shortened for display considerations.

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