

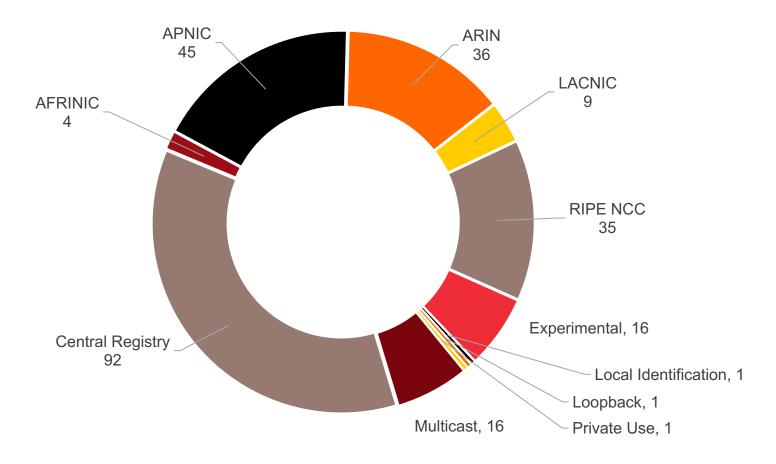
# Internet Number Resource Status Report

Prepared by Regional Internet Registries AFRINIC, APNIC, ARIN, LACNIC, RIPE NCC

As of 31 December 2020

## **All IPv4 Address Space**

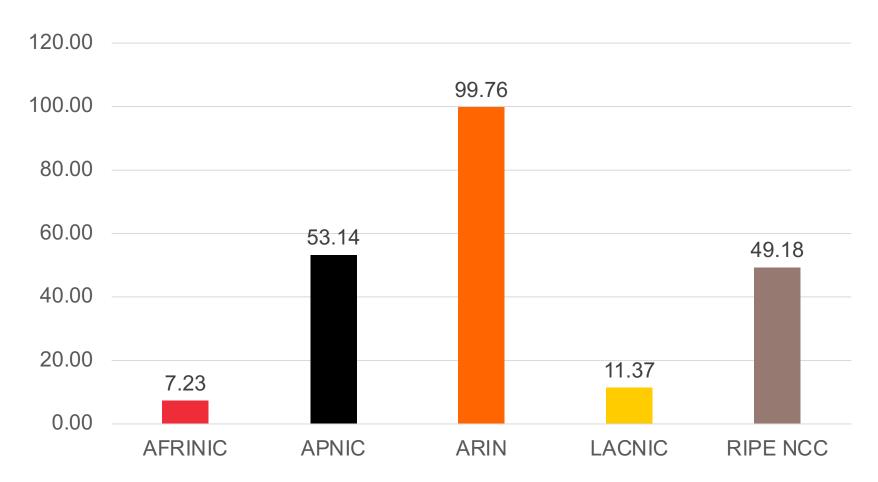
#### Distribution of the 256 /8s





## **Total IPv4 Addresses Managed by each RIR**

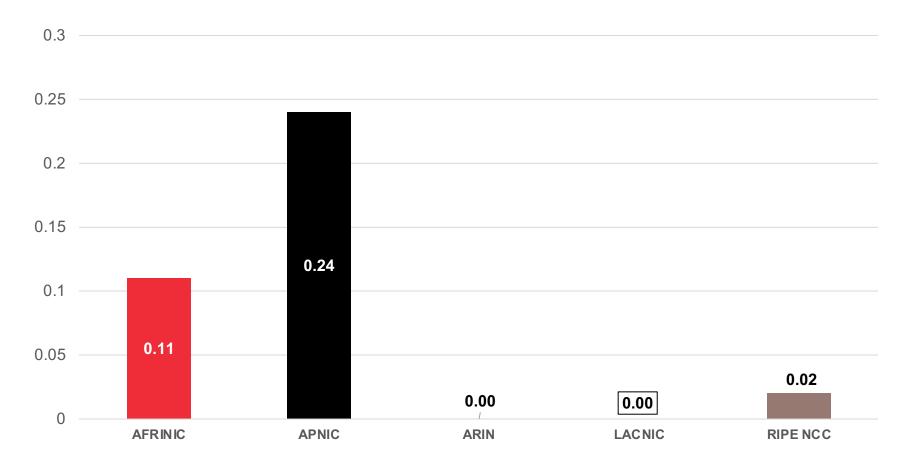
#### In terms of /8s





## Available IPv4 Space in each RIR

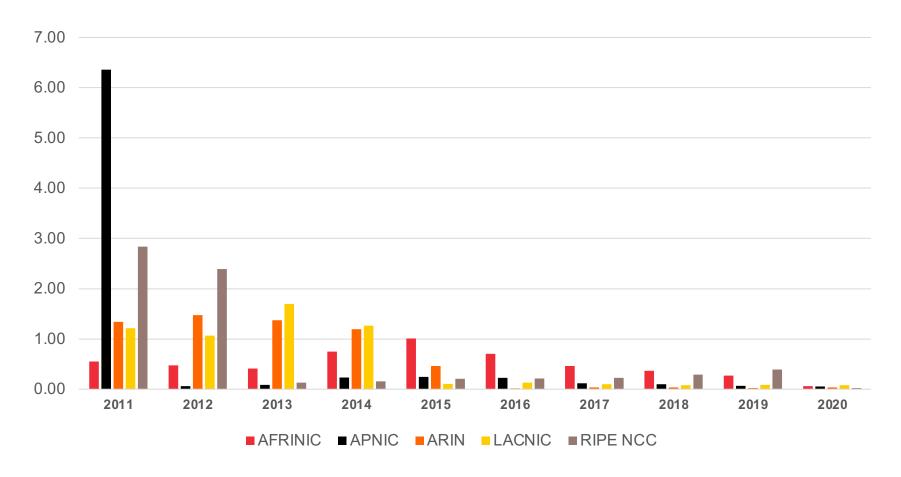
#### In terms of /8s





## **IPv4 Space issued by RIRs**

### In terms of /8s, how much space has each RIR issued per year?



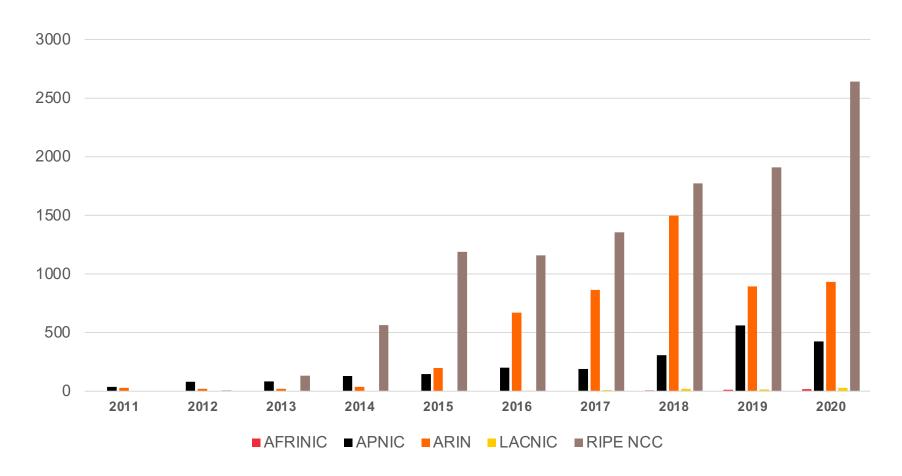


## **IPv4 Transfers**

(exclusive M&A)

## **Intra-RIR IPv4 Transfers**

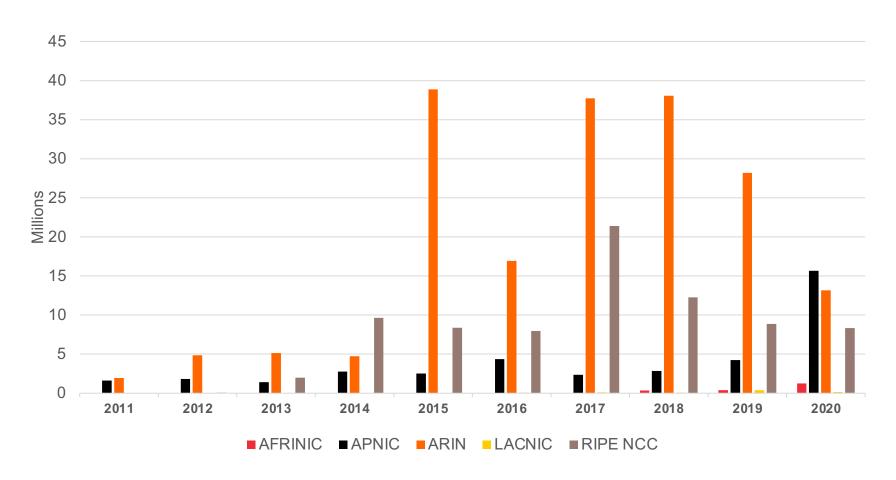
## Number of transfers per year





## **Intra-RIR IPv4 Transfers**

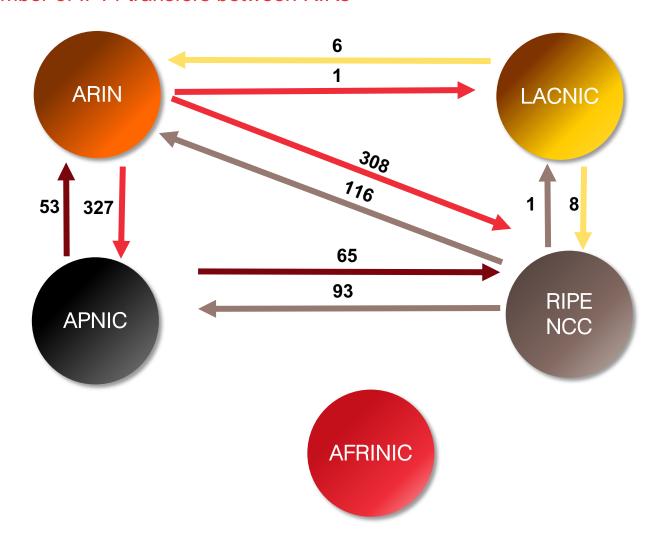
## Number of addresses transferred by year





## **Inter-RIR IPv4 Transfers**

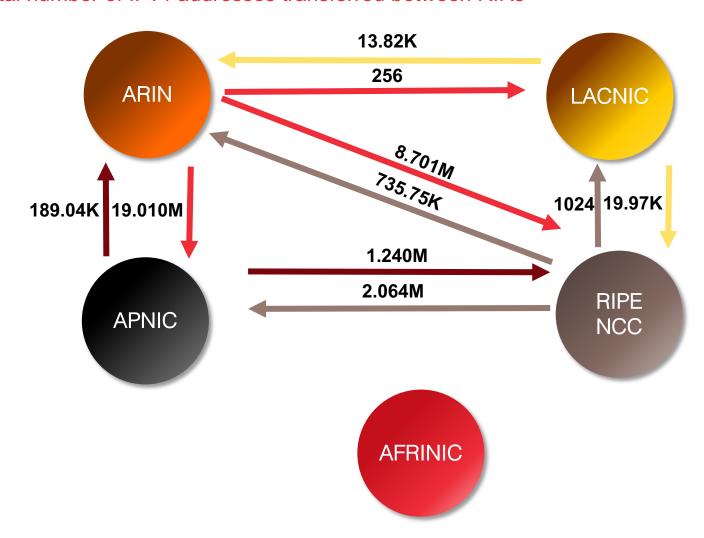
#### Total number of IPv4 transfers between RIRs





## **Inter-RIR IPv4 Transfers**

#### Total number of IPv4 addresses transferred between RIRs

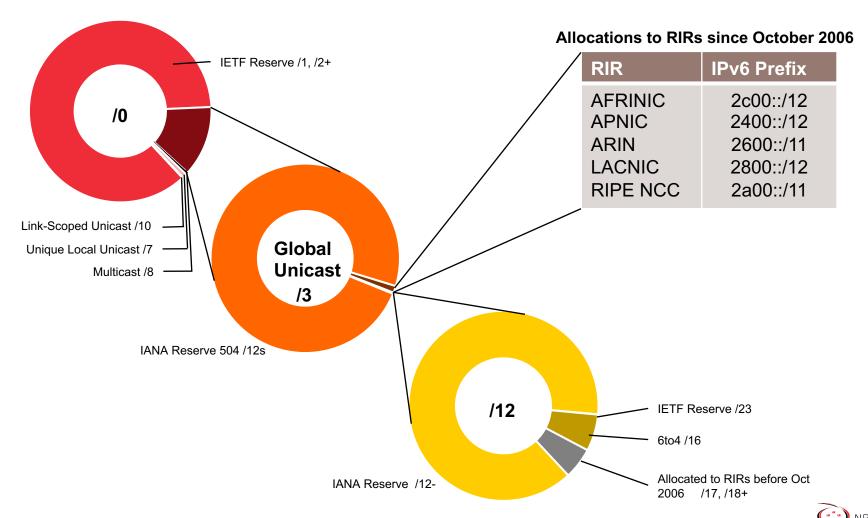




## IPv6

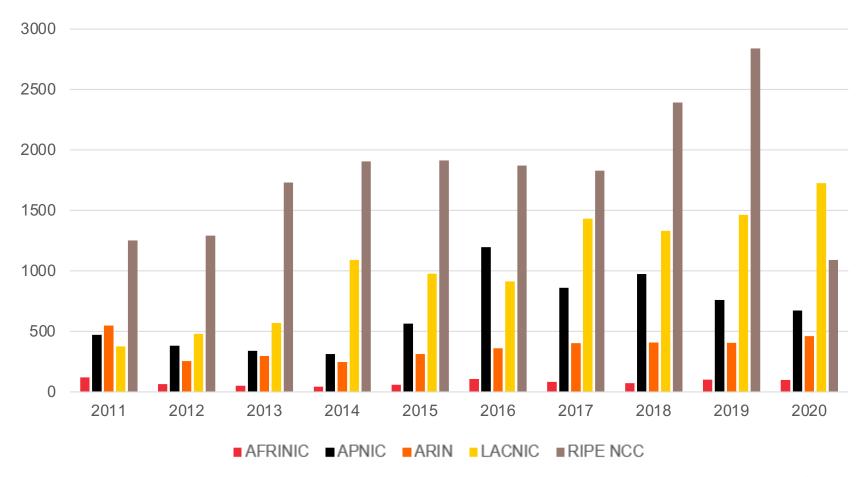
## **All IPv6 Address Space**

#### How much has been allocated to the RIRs?



## **IPv6 Allocations Issued by RIRs**

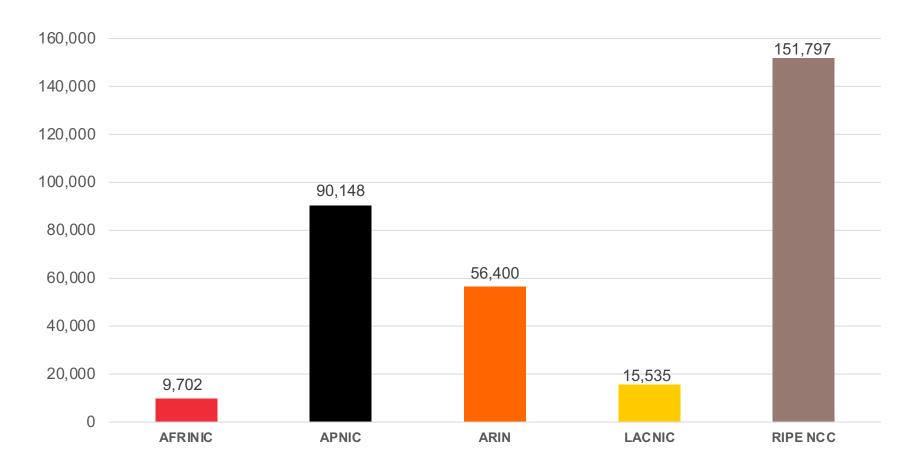
## How many prefixes has each RIR allocated per year?





## **Total Allocated IPv6 Space**

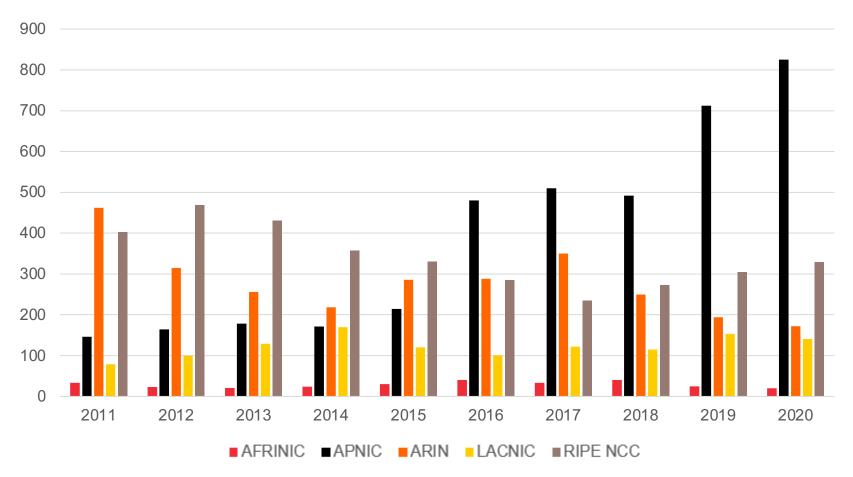
## Total size of IPv6 space (in /32s) that each RIR has allocated





## **IPv6 Assignments Issued by RIRs**

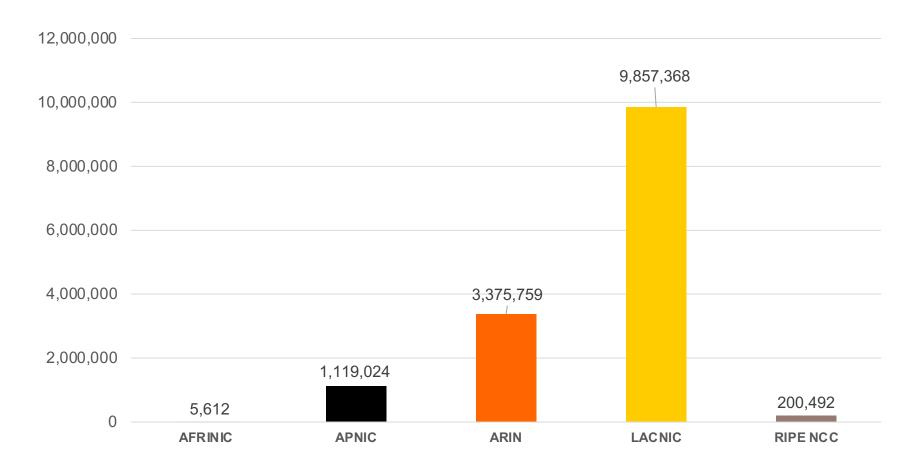
#### How many prefixes has each RIR assigned per year?





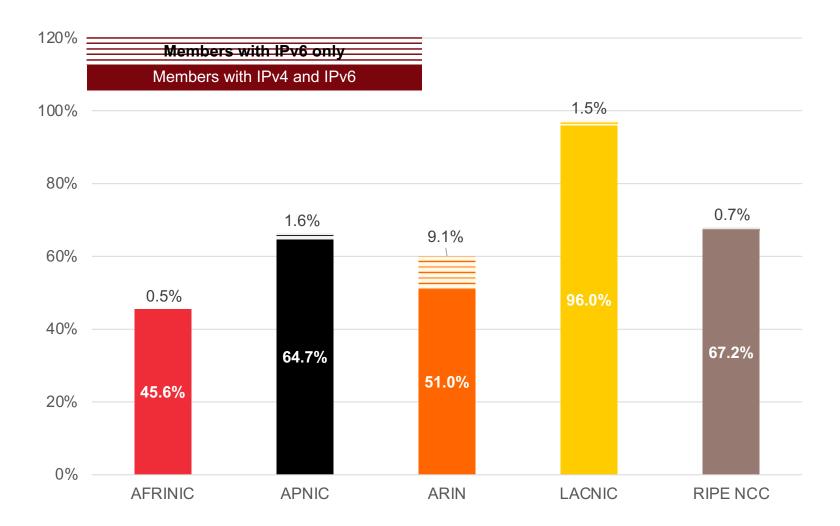
## **Total Assigned IPv6 Space**

## Total size of IPv6 space (in /48s) that each RIR has assigned





## Percentage of Members with IPv6 in each RIR

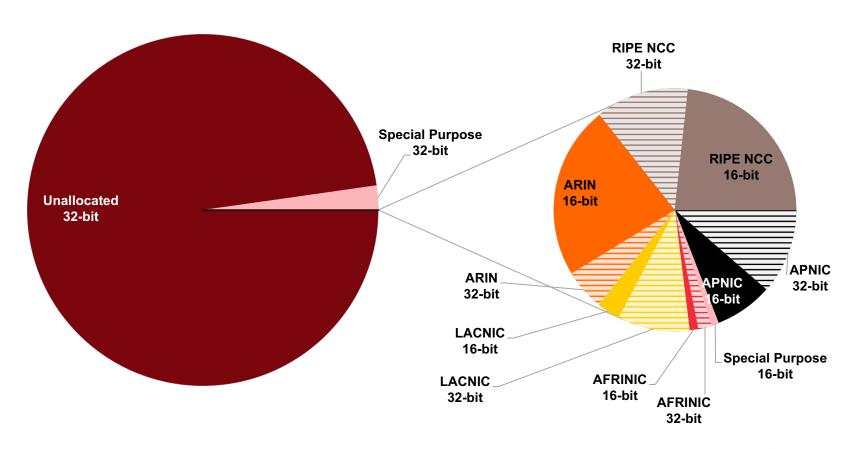




## **AS Numbers**

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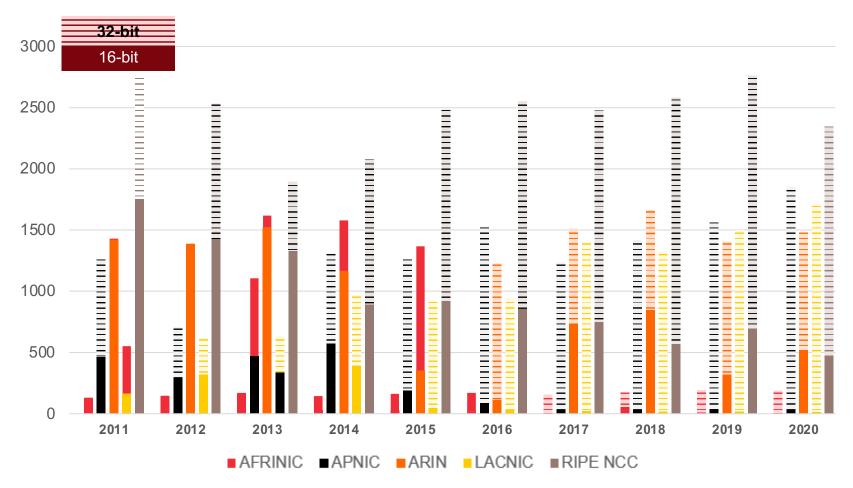
#### All ASNs





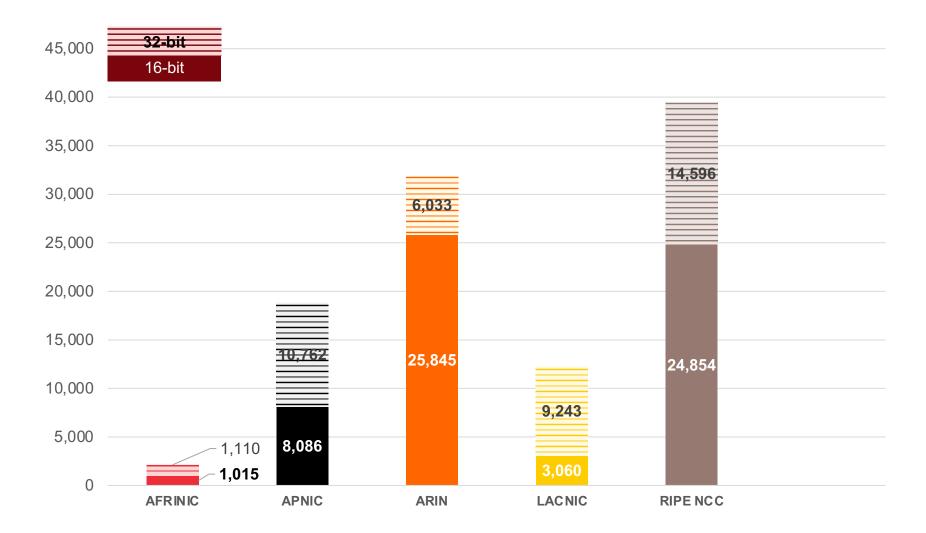
## **ASN Assignments by RIRs**

#### How many ASNs has each RIR issued per year?





## **Total ASNs Assigned by each RIR**





## References

- NRO Statistics <u>www.nro.net/statistics</u>
- IANA Number Resources https://www.iana.org/numbers



## **Thank You**