

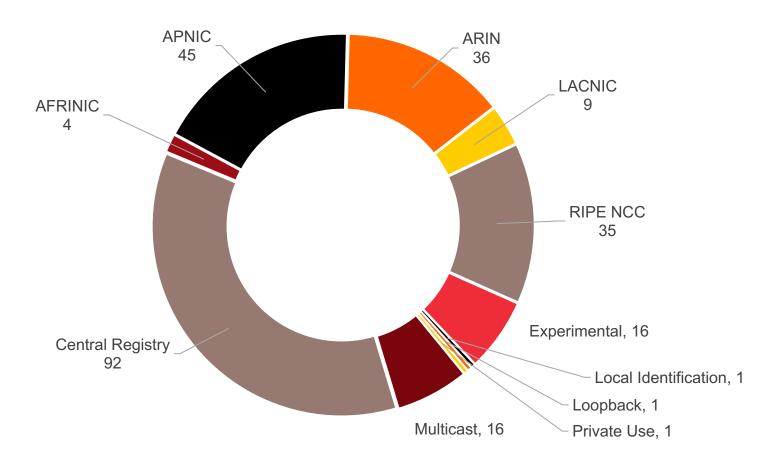
Internet Number Resource Status Report

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

As of 30 September 2021

All IPv4 Address Space

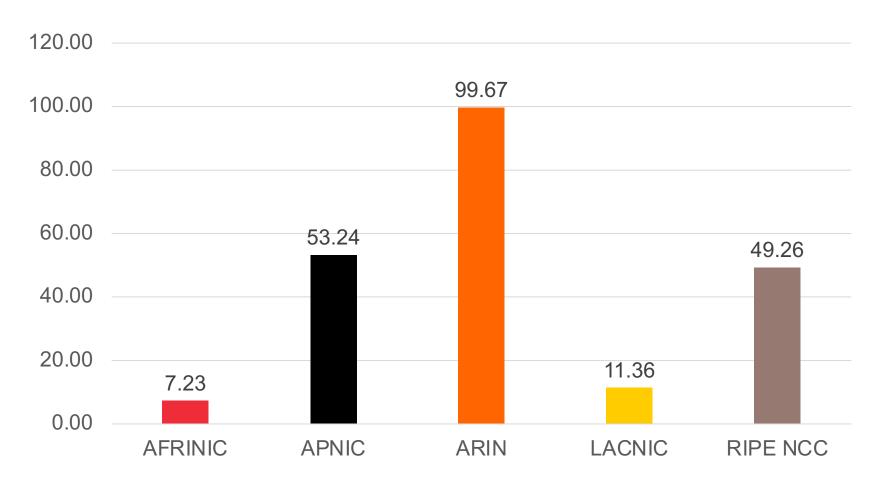
Distribution of the 256 /8s





Total IPv4 Addresses Managed by each RIR

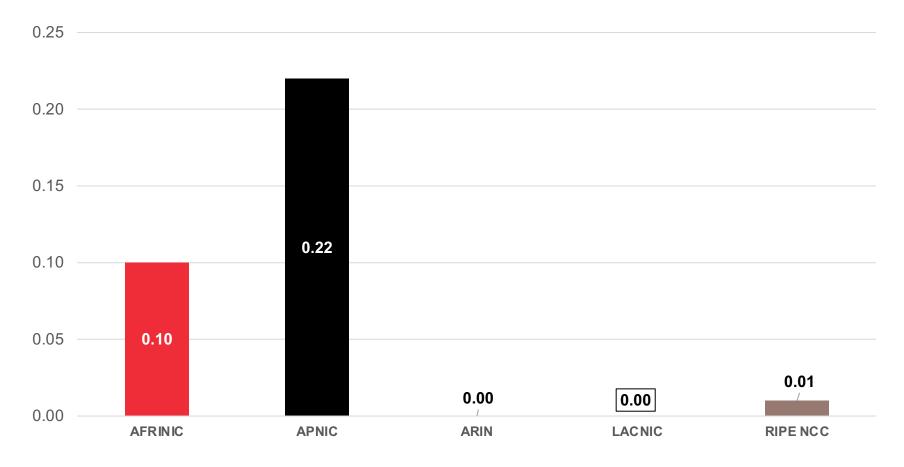
In terms of /8s





Available IPv4 Space in each RIR

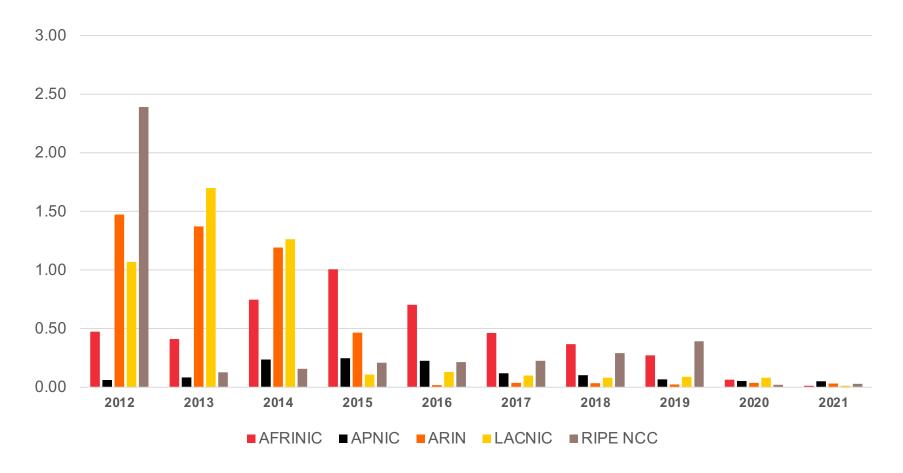
In terms of /8s





IPv4 Space issued by RIRs

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



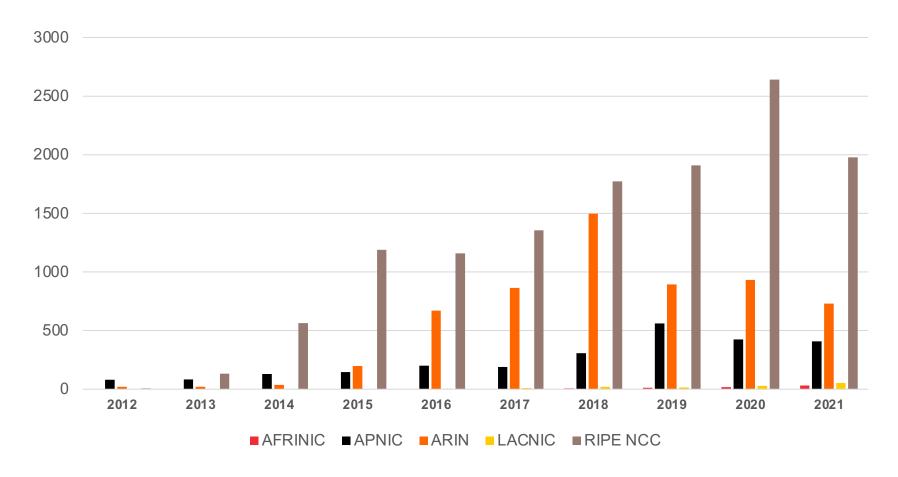


IPv4 Transfers

(exclusive M&A)

Intra-RIR IPv4 Transfers

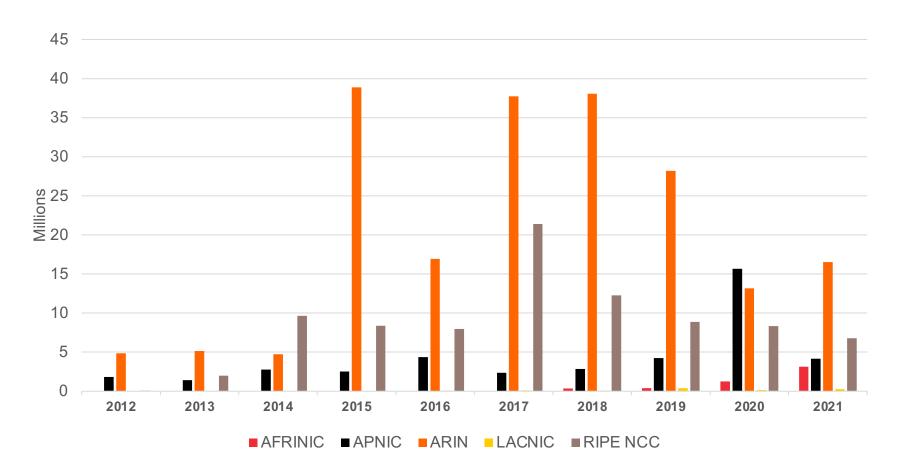
Number of transfers per year





Intra-RIR IPv4 Transfers

Number of addresses transferred by year



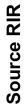


Inter-RIR IPv4 Transfers

Total number of IPv4 transfers between RIRs

Recipient RIR

	AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
AFRINIC		0	0	0	0
APNIC	0		77	0	137
ARIN	0	357		8	400
LACNIC	0	1	11		14
RIPE NCC	0	116	155	5	





Inter-RIR Transferred IPv4 Addresses

Total number of IPv4 addresses transferred between RIRs

Recipient RIR

	AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
AFRINIC		0	0	0	0
APNIC	0		215.55K	0	1.391M
ARIN	0	19.207M		2560	9.723M
LACNIC	0	16384	32.506k		250.63K
RIPE NCC	0	2.211M	828.43K	3532	

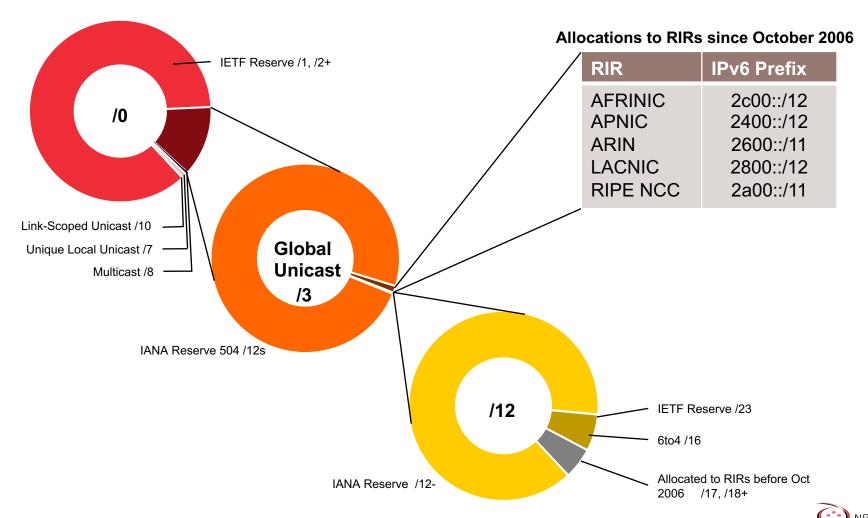




IPv6

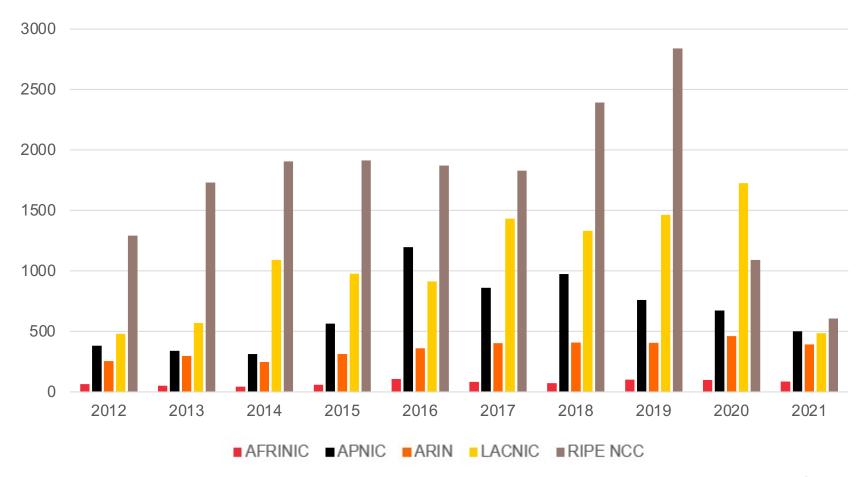
All IPv6 Address Space

How much has been allocated to the RIRs?



IPv6 Allocations Issued by RIRs

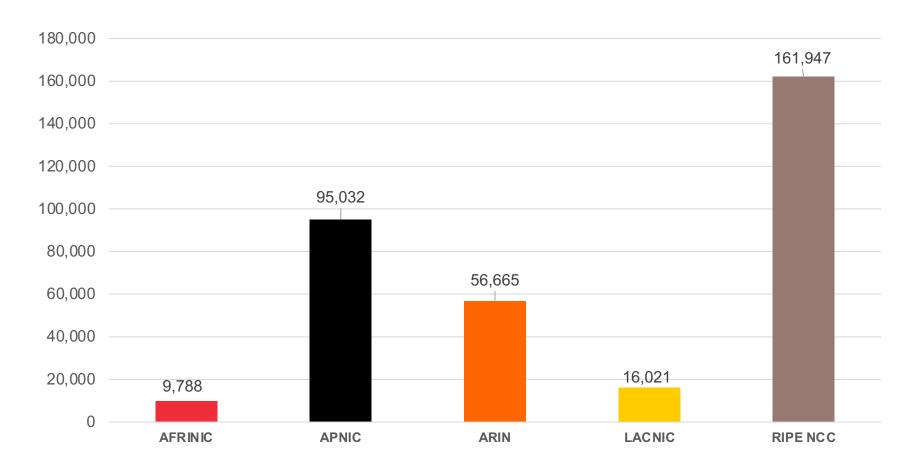
How many prefixes has each RIR allocated per year?





Total Allocated IPv6 Space

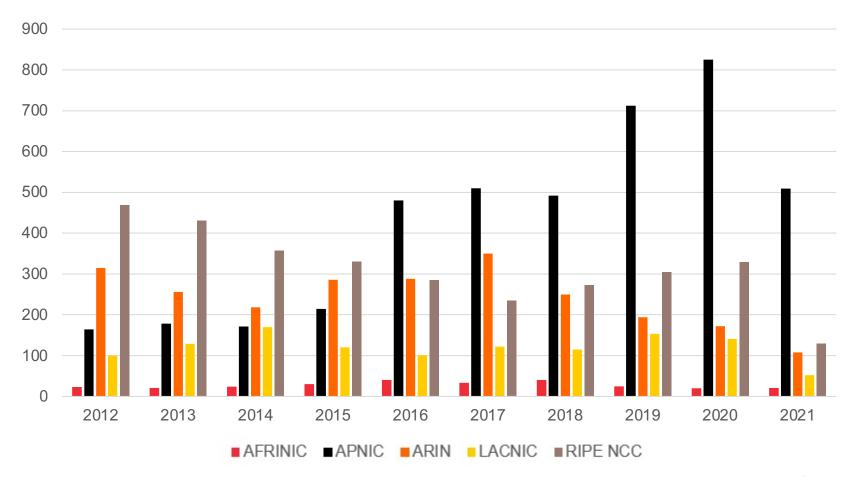
Total size of IPv6 space (in /32s) that each RIR has allocated





IPv6 Assignments Issued by RIRs

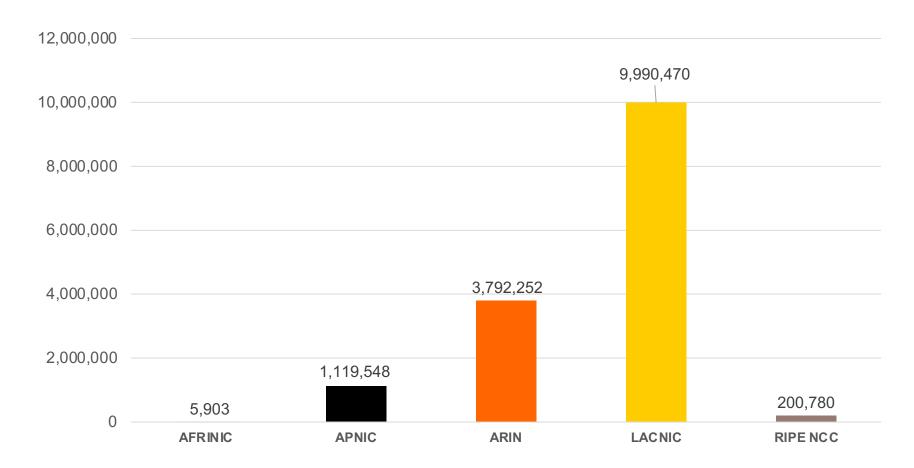
How many prefixes has each RIR assigned per year?





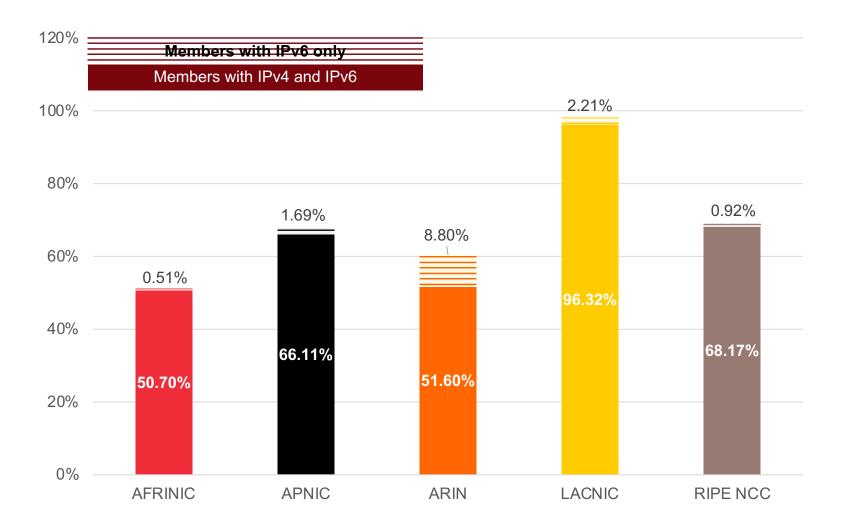
Total Assigned IPv6 Space

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





Percentage of Members with IPv6 in each RIR

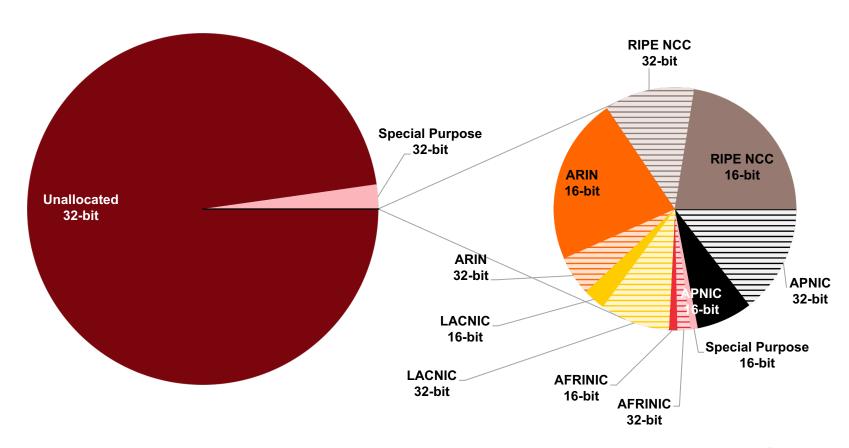




AS Numbers

AS Numbers

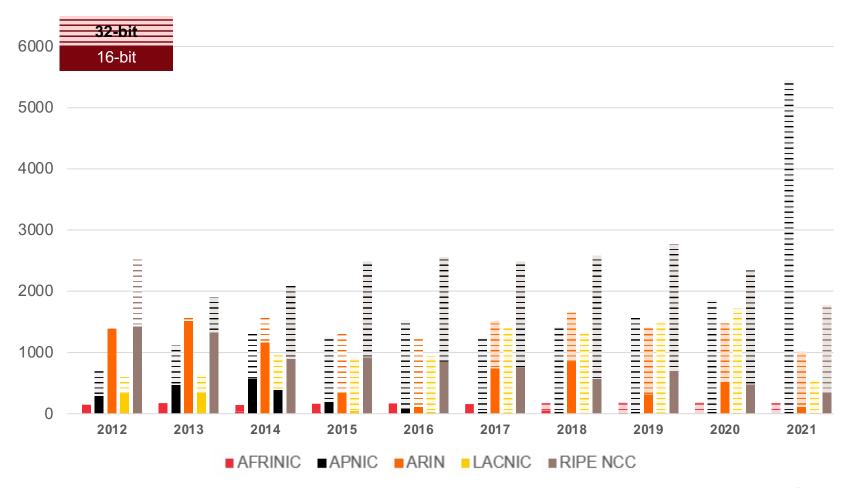
All ASNs





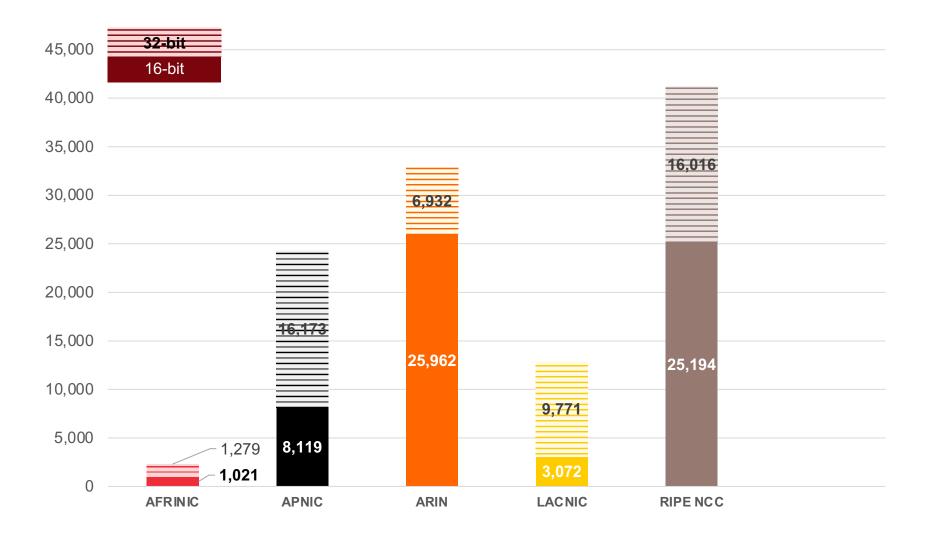
ASN Assignments by RIRs

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