Internet Number Resource Status Report

Prepared by

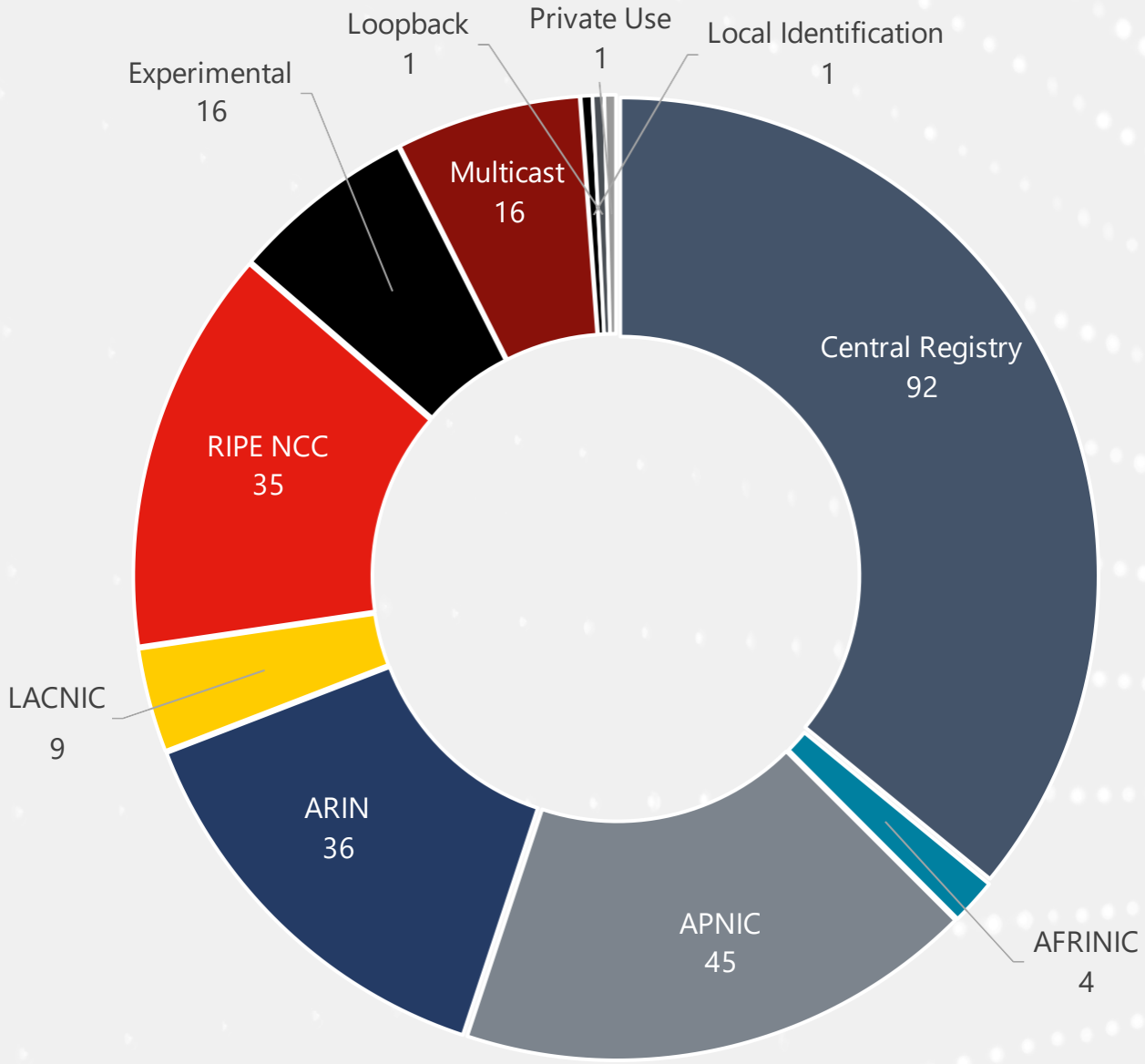
Regional Internet Registries

AFRINIC, APNIC, ARIN, LACNIC, RIPE NCC

As of 31 December 2023

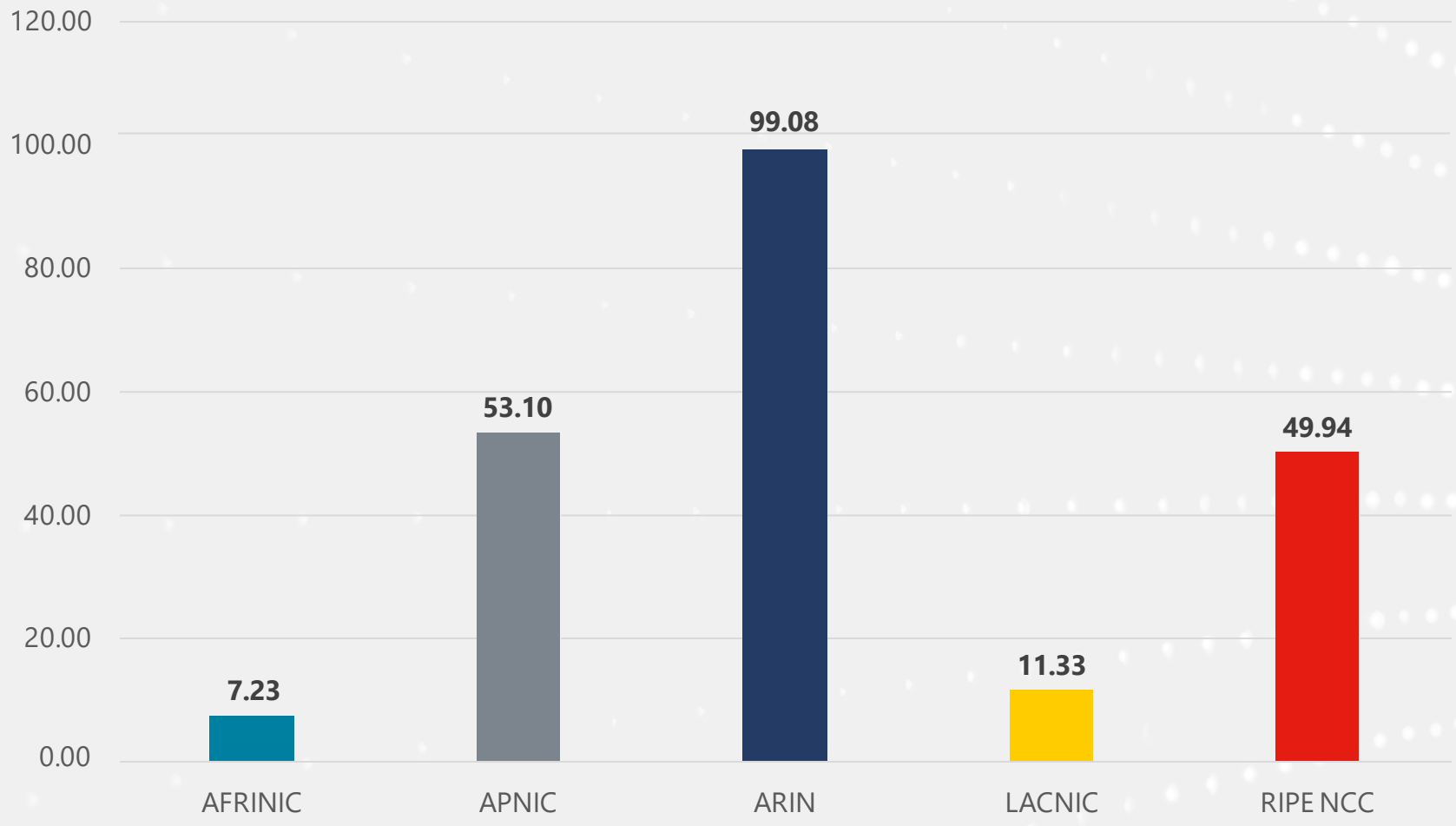
All IPv4 Address Space

Distribution of the 256 /8s



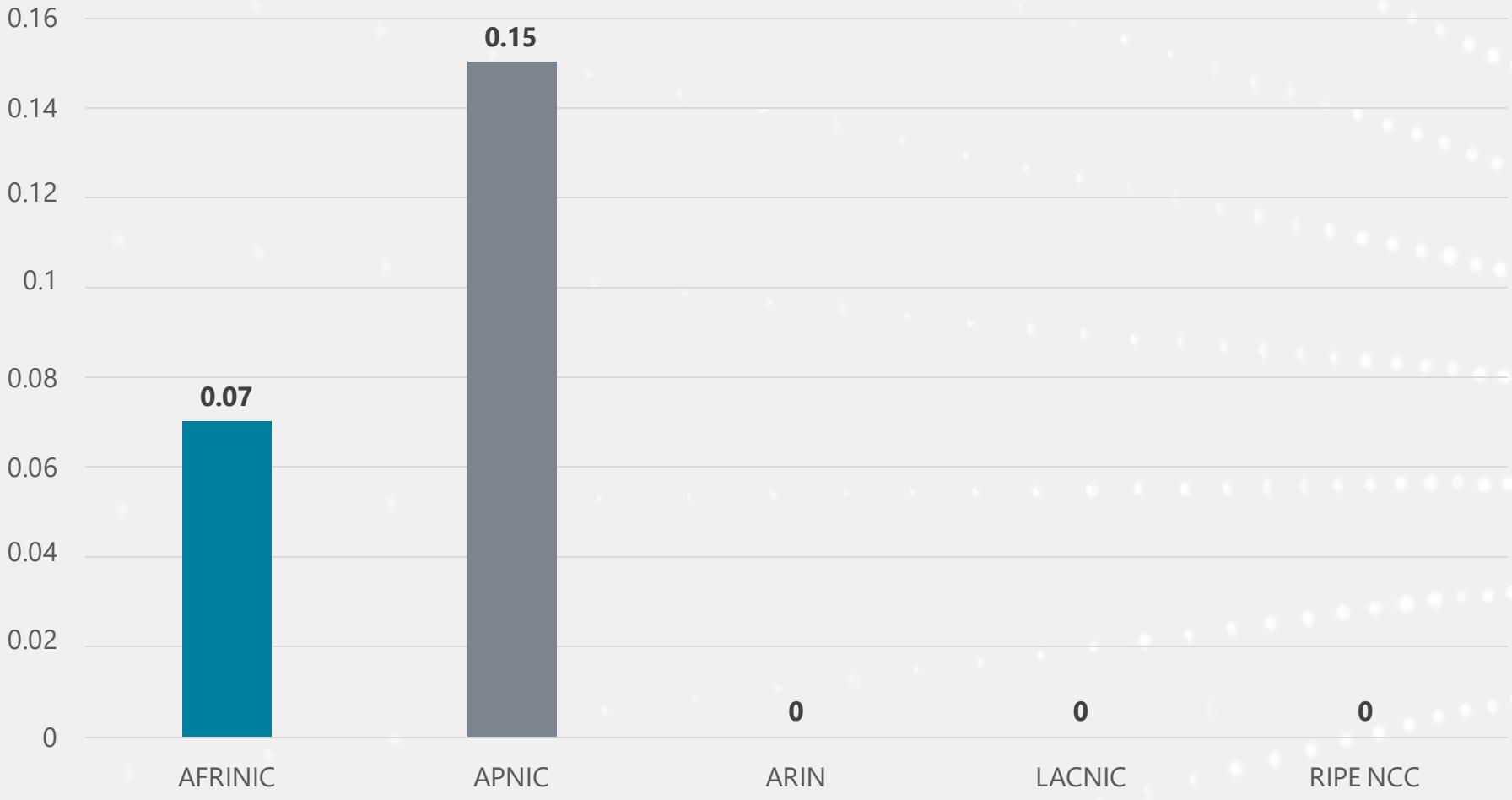
Total IPv4 Addresses Managed by each RIR

In terms of /8s



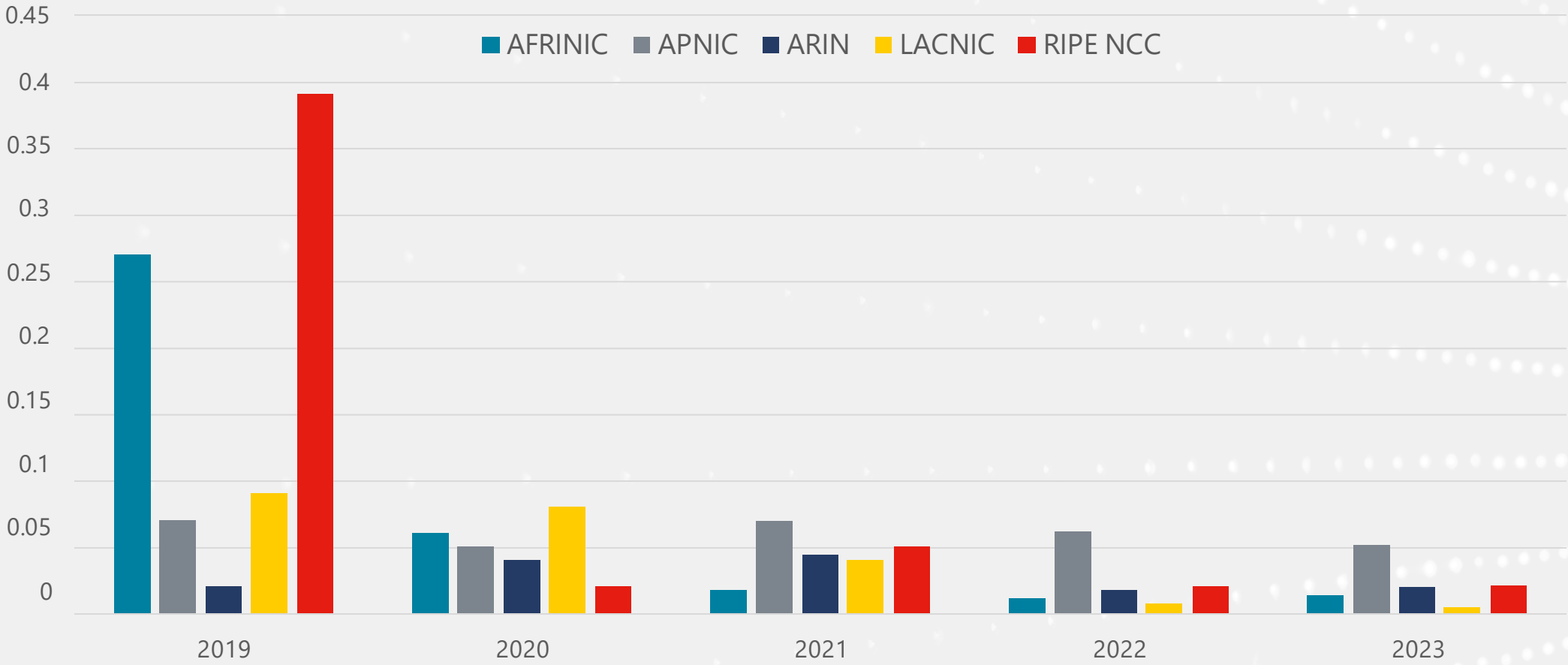
Available IPv4 Space in each RIR

In terms of /8s



IPv4 Space Issued by RIRs per Year

In terms of /8s

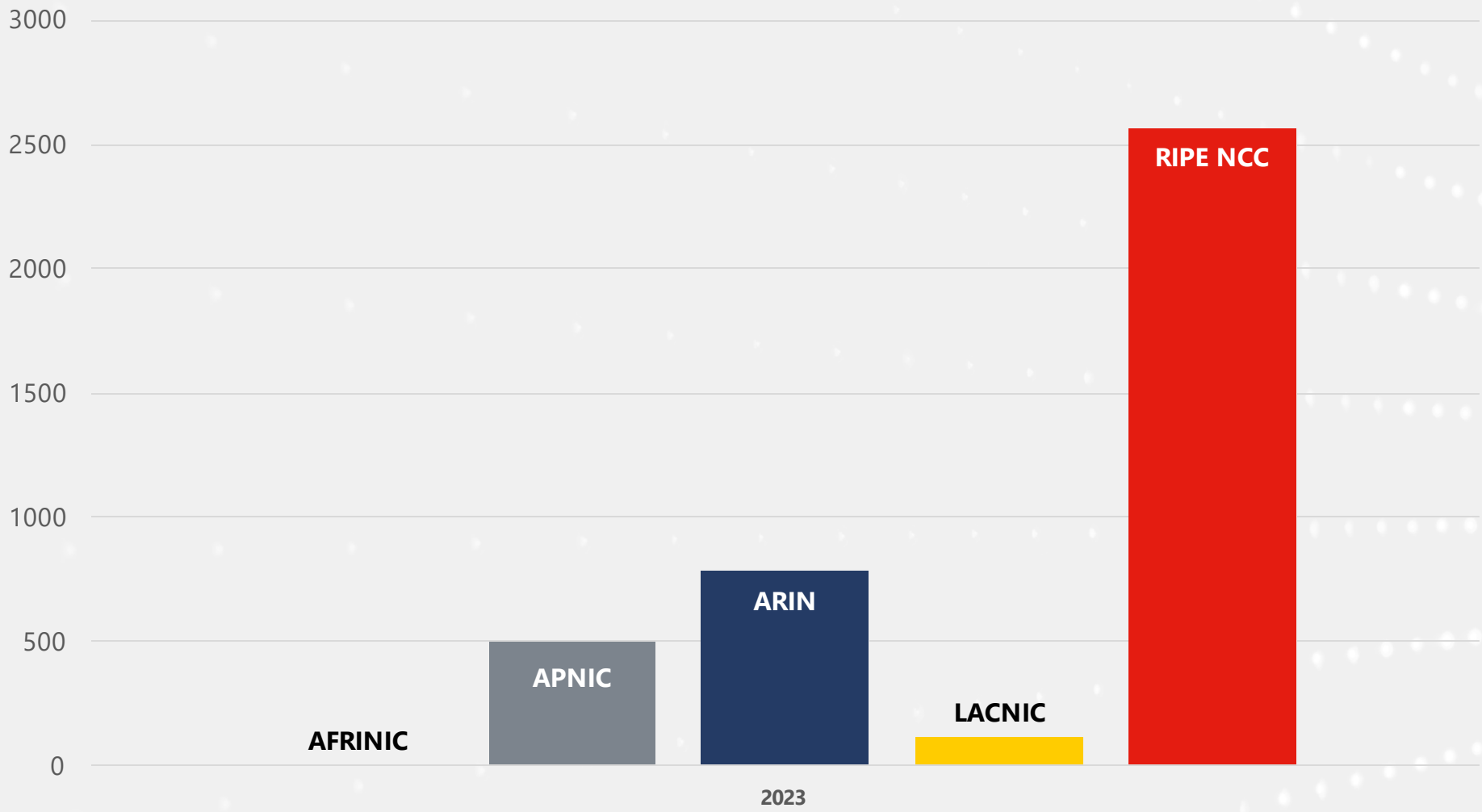


IPv4 Transfers

(exclusive M&A)

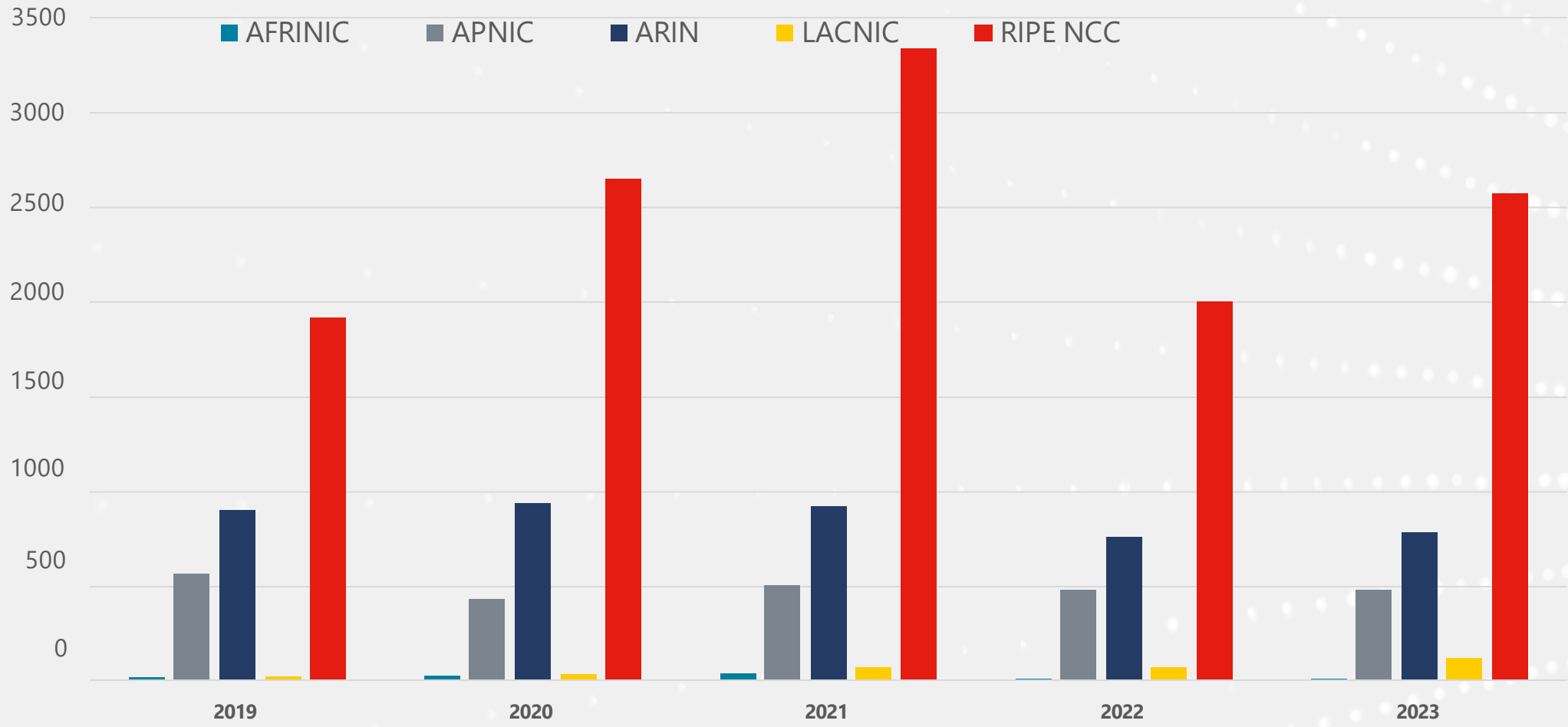
Intra-RIR IPv4 Transfers

Number of transfers per year – 2023 only



Intra-RIR IPv4 Transfers

Number of transfers per year



Inter-RIR IPv4 Transfers

Number of transfers / Number addresses transferred

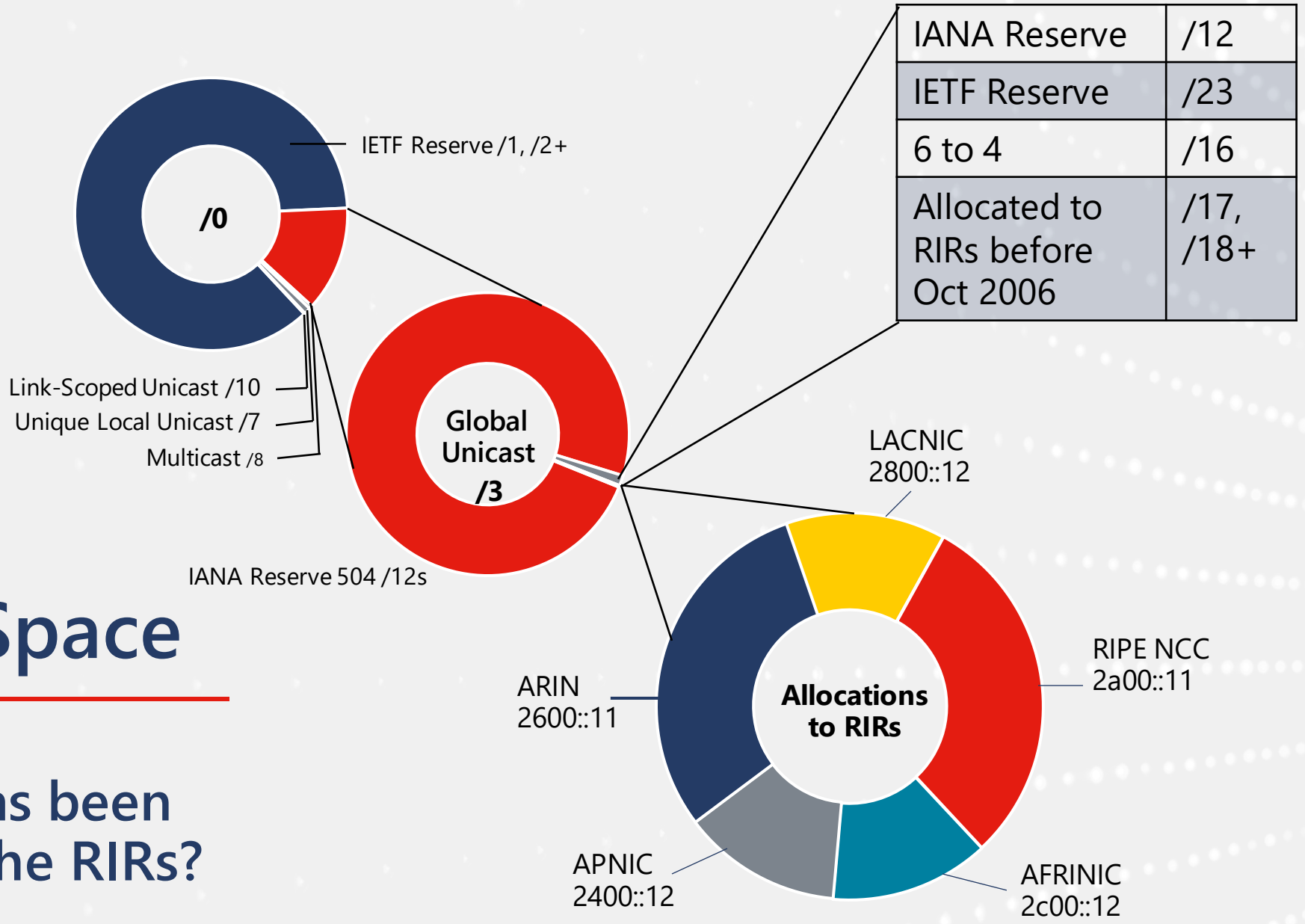
Recipient RIR

Source RIR	AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
AFRINIC		0	0	0	0
APNIC	0		159 / 1.32M	5 / .00743M	341 / 2.363M
ARIN	0	468 / 19.67M		25 / .026M	576 / 19.44M
LACNIC	0	1 / .002M	21 / .055M		29 / .054M
RIPE NCC	0	140 / 2.524M	230 / 4.074M	10 / .008M	

IPv6

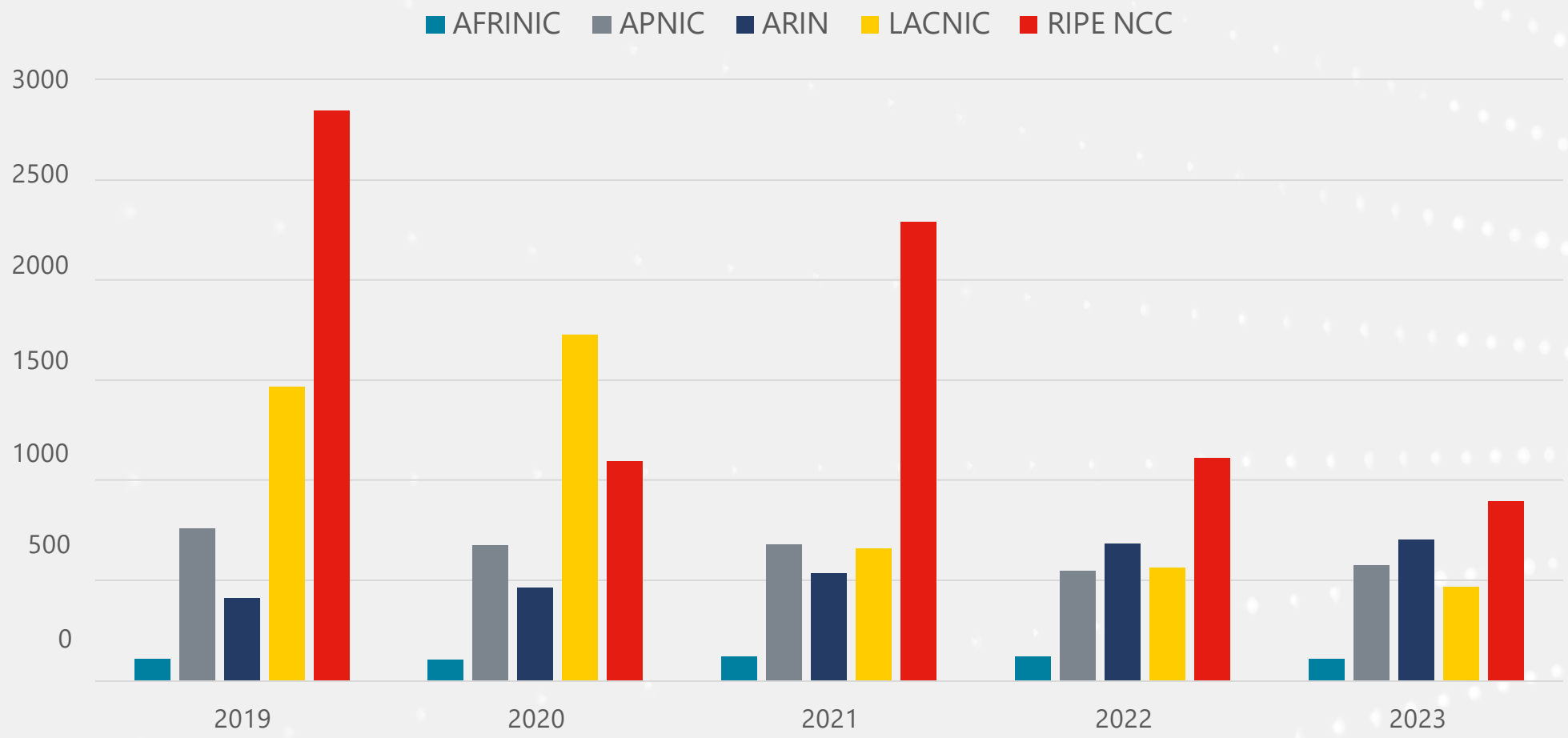
All IPv6 Address Space

How much has been allocated to the RIRs?



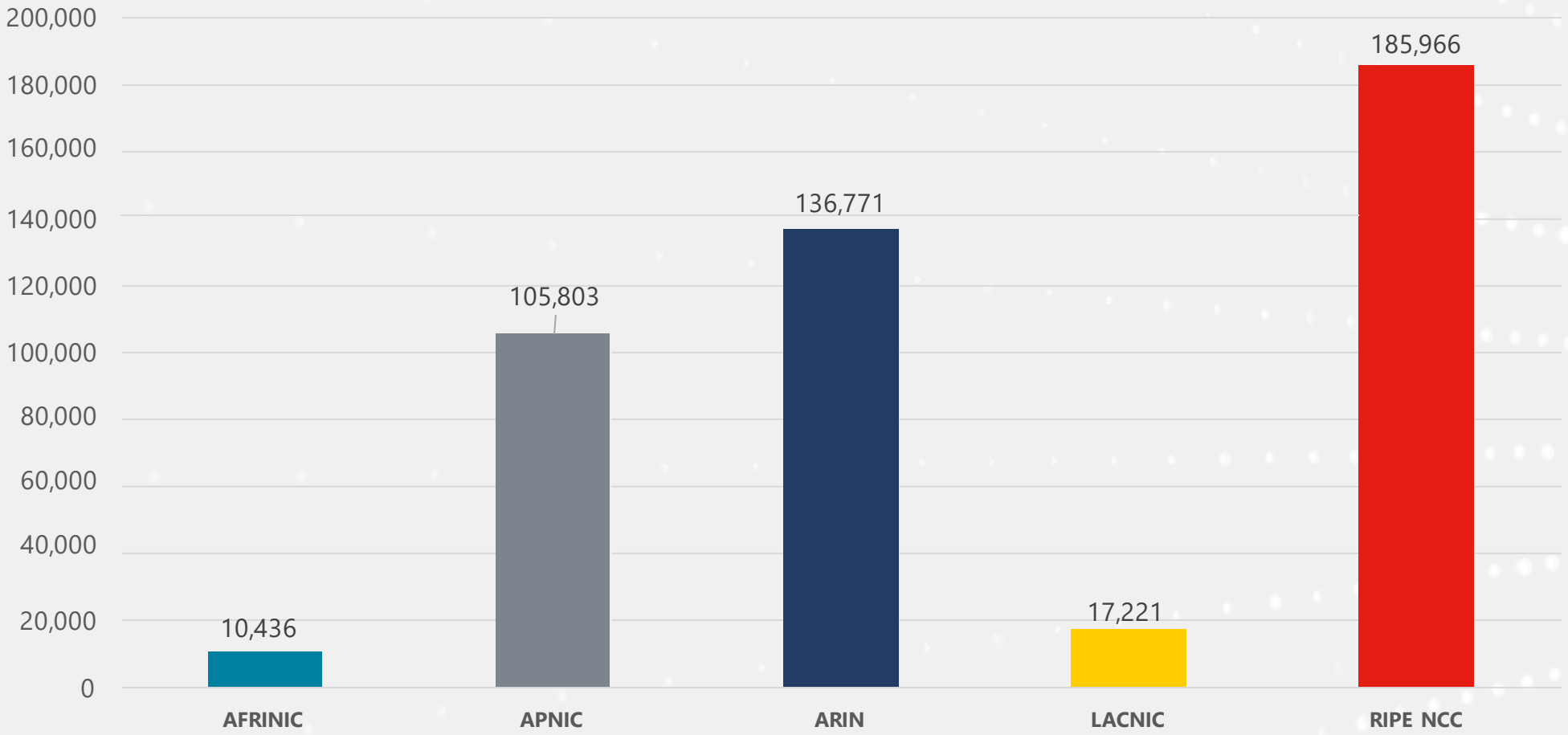
IPv6 Allocations Issued by RIRs

Prefixes allocated each year by RIR



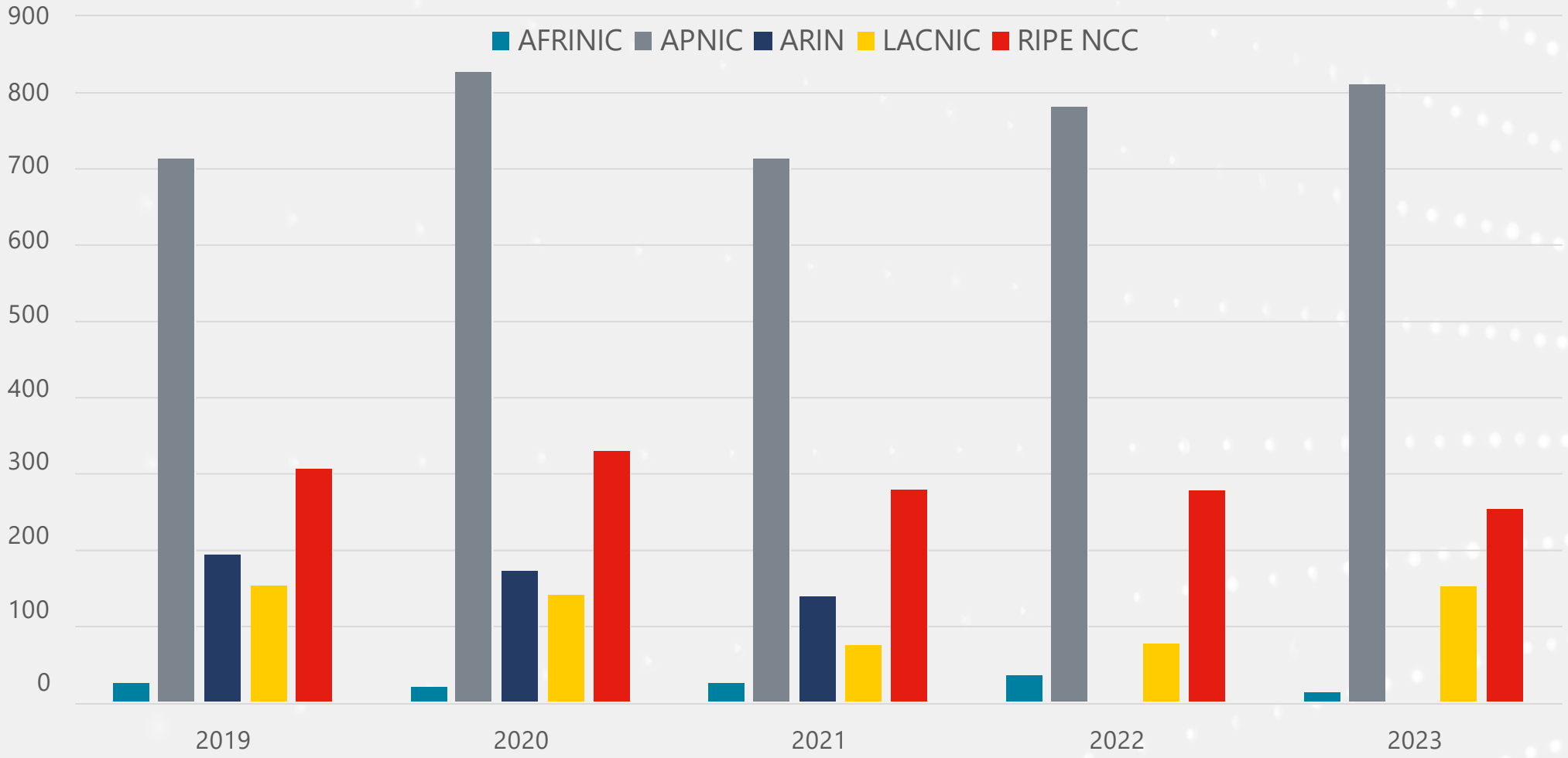
Total Allocated Space

IPv6 space (in /32s) each RIR has allocated



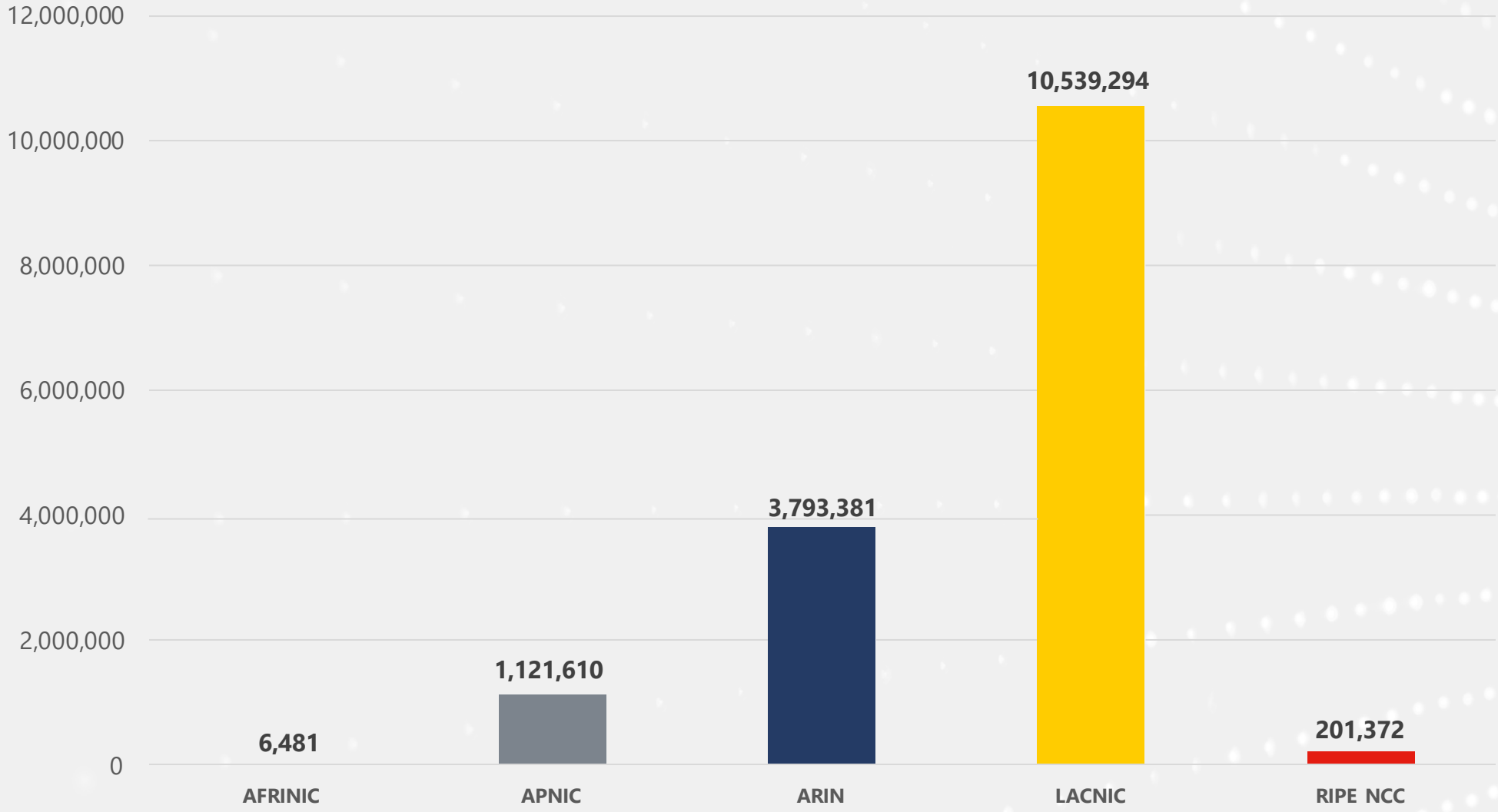
IPv6 Assignments Issued by RIRs

Prefixes each RIR assigned per year

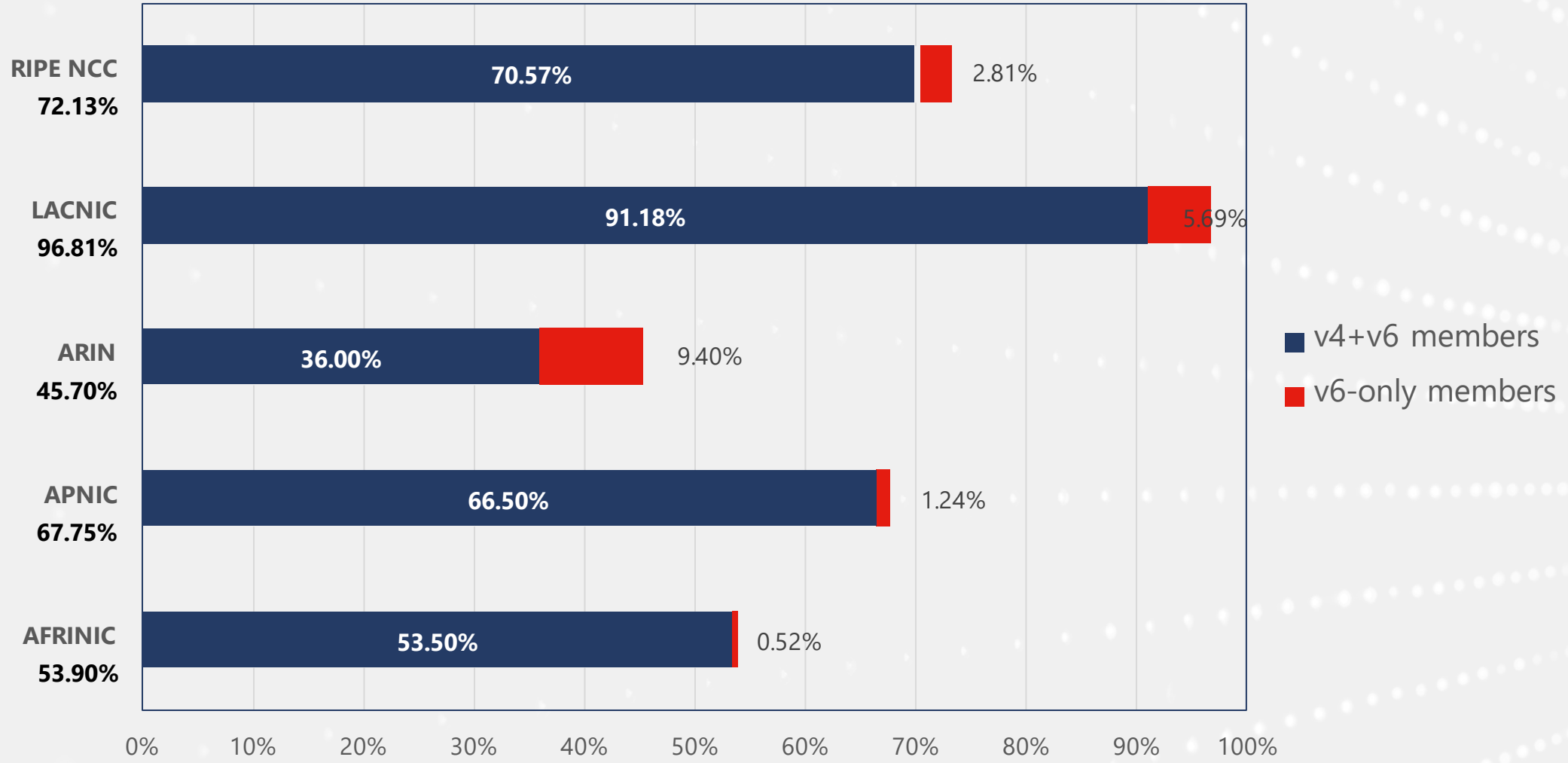


Total Assigned IPv6 Space

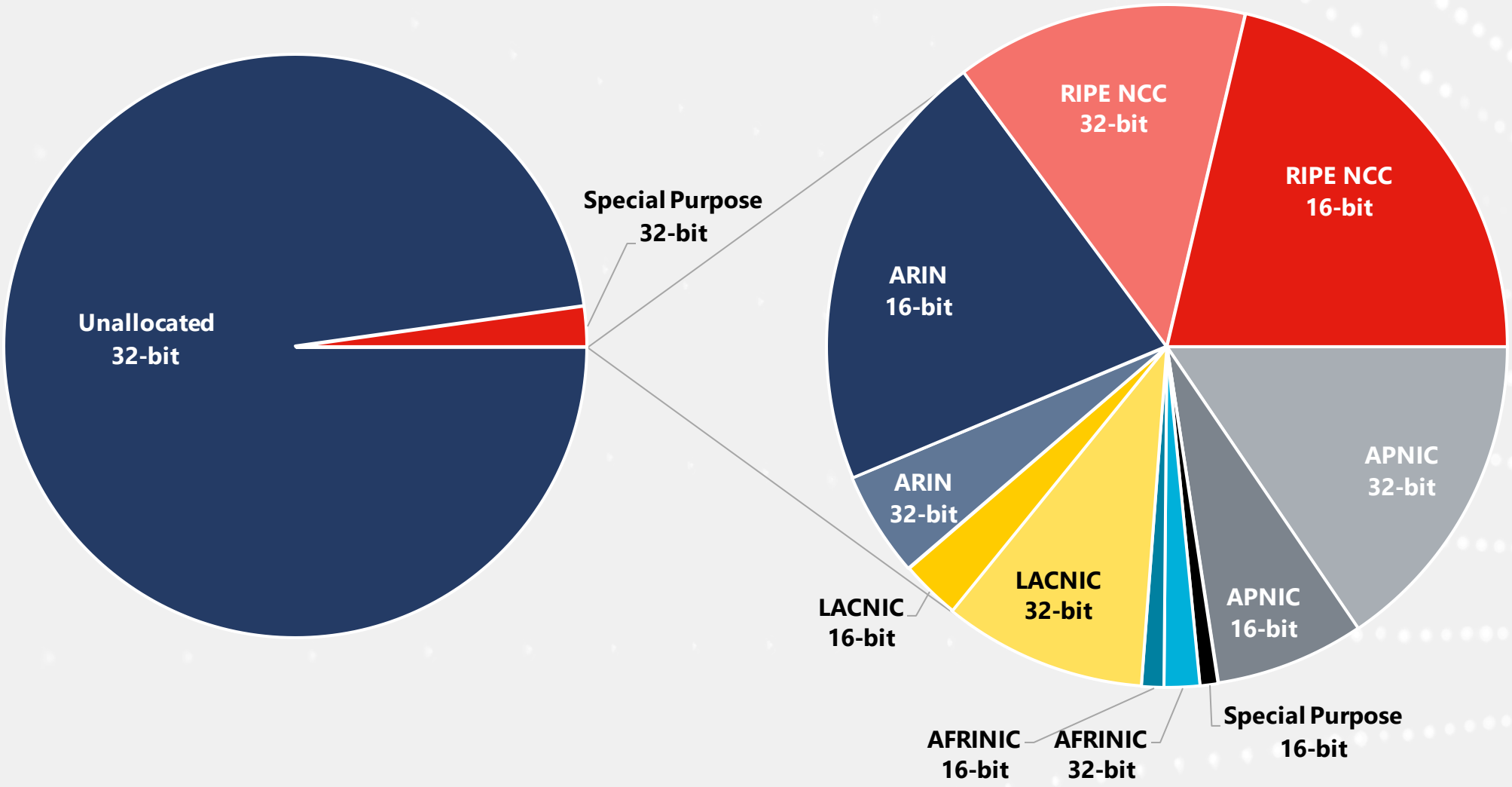
Total size (in /48s) each RIR has assigned



Percentage of Members with IPv6 in each RIR



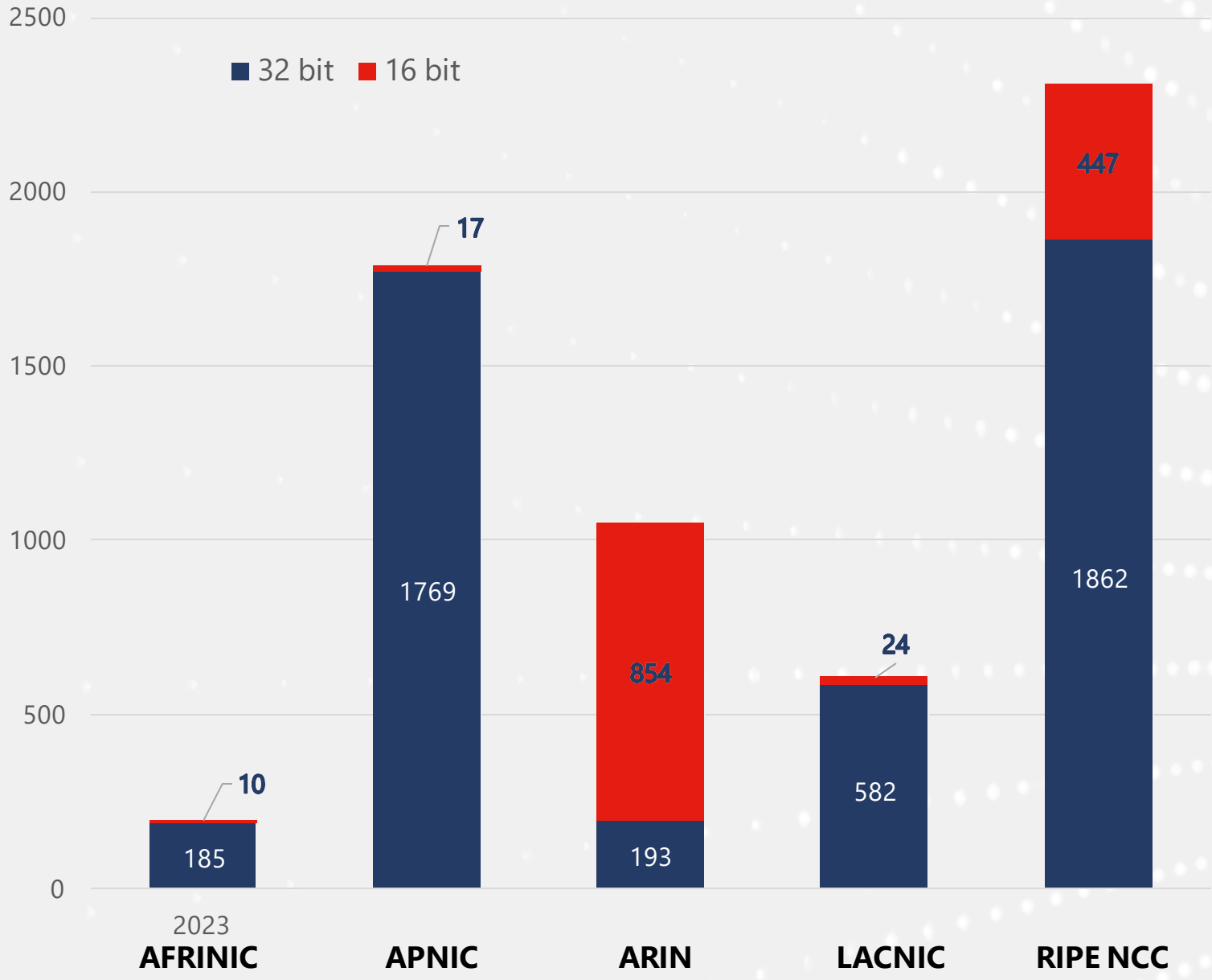
AS Numbers


Unallocated
32-bit
Special Purpose
32-bit
RIPE NCC
32-bit
RIPE NCC
16-bit
ARIN
16-bit
ARIN
32-bit
APNIC
32-bit
LACNIC
16-bit
LACNIC
32-bit
APNIC
16-bit
AFRINIC
16-bit
AFRINIC
32-bit
Special Purpose
16-bit

All ASNs

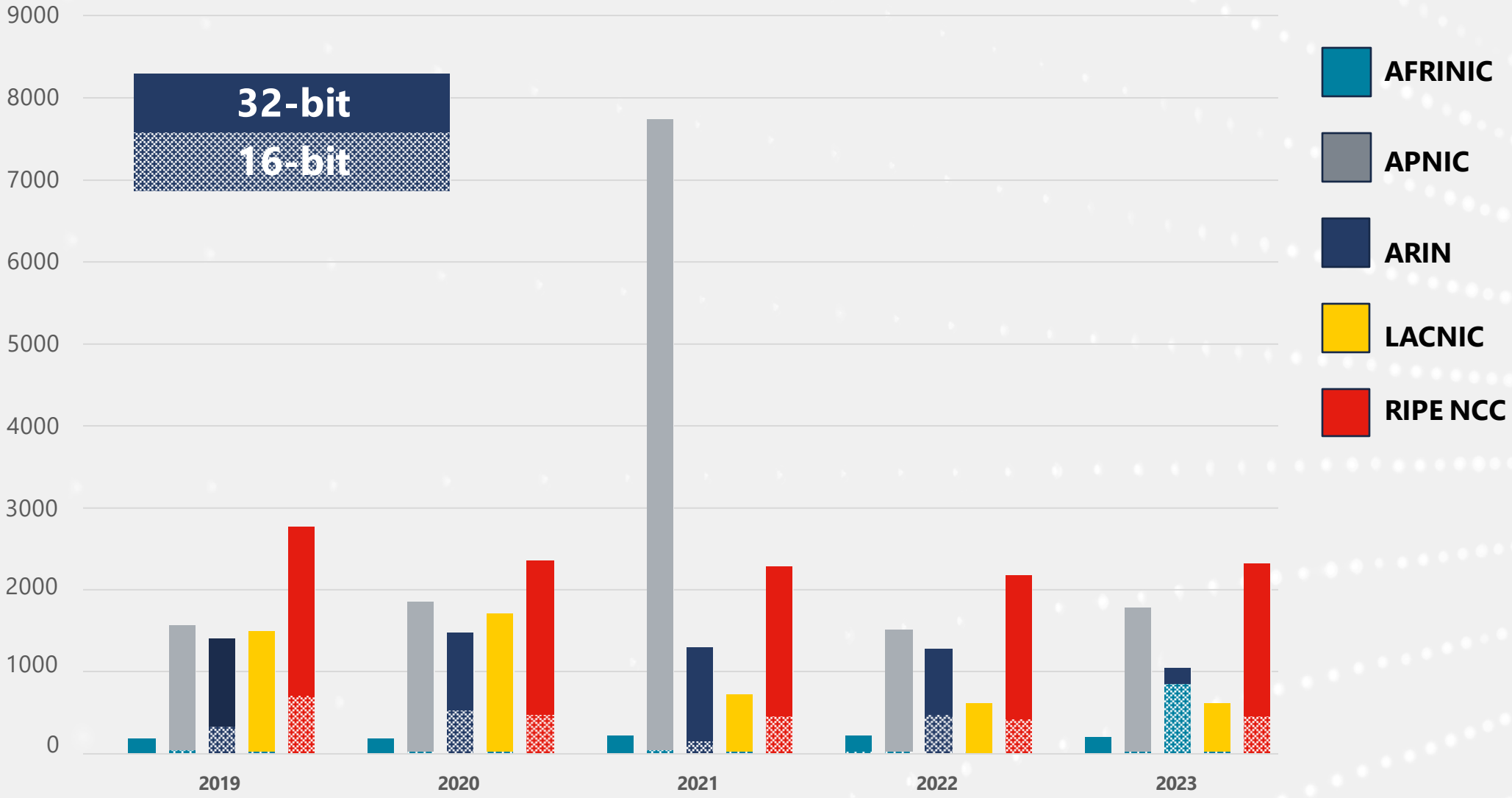
ASN Assignments by RIRs

ASNs each RIR issued in 2023

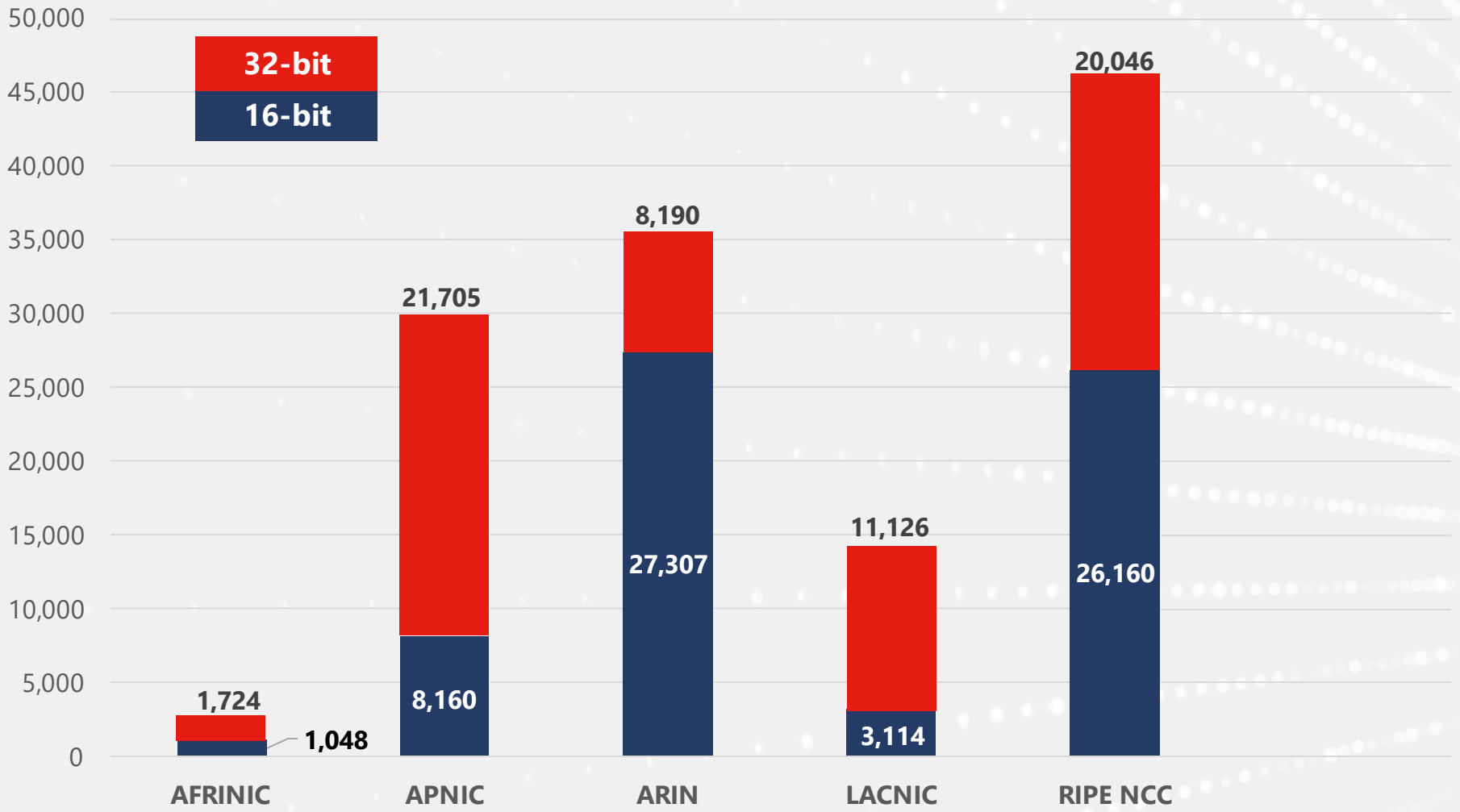


ASN Assignments by RIRs

Number of ASNs issues by each RIR per year



Total ASNs assigned by each RIR



Thank You

NRO Statistics
www.nro.net/statistics

IANA Number Resources
https://www.iana.org/numbers