



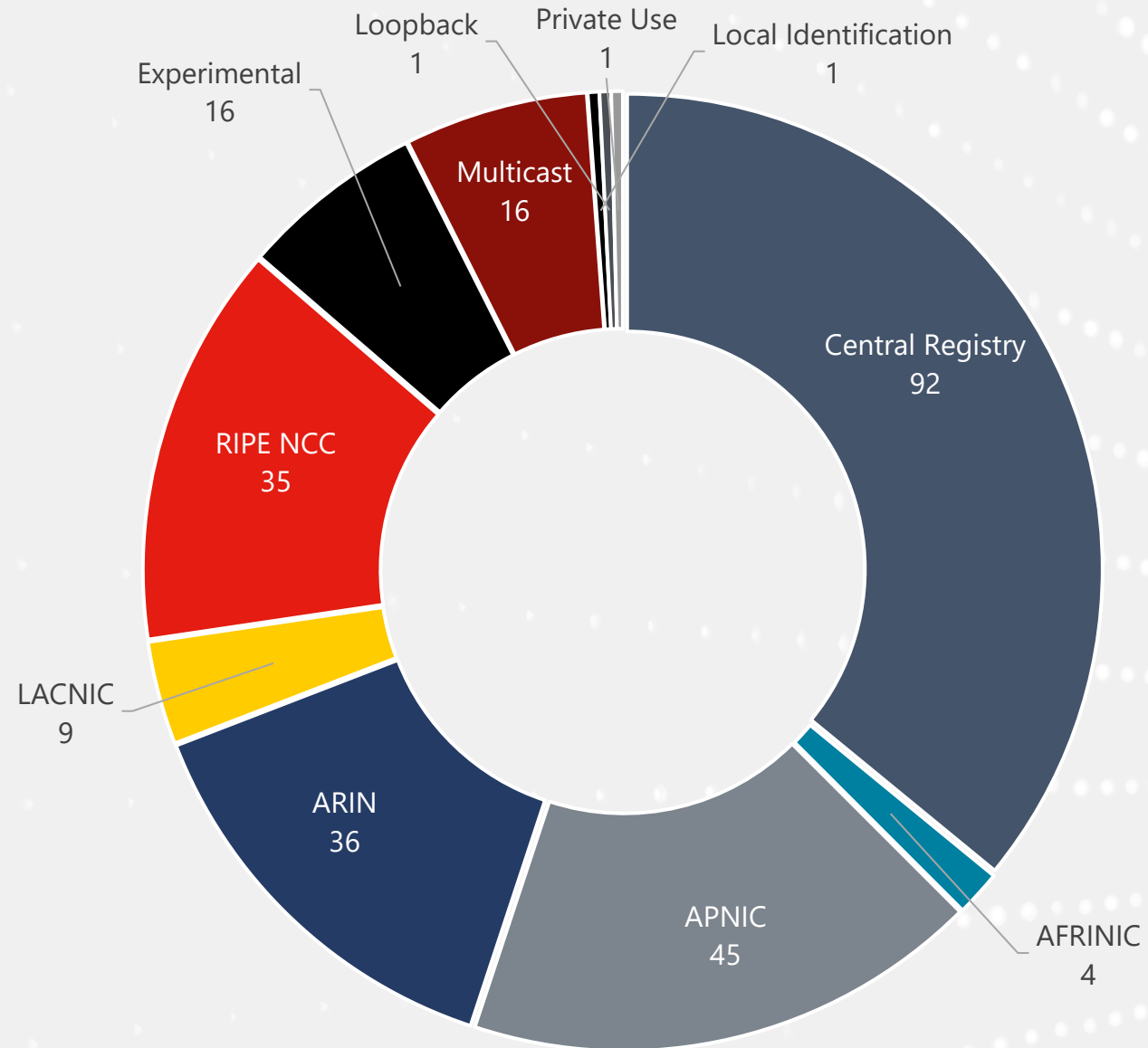
Internet Number Resource Status Report

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

As of 30 September 2023

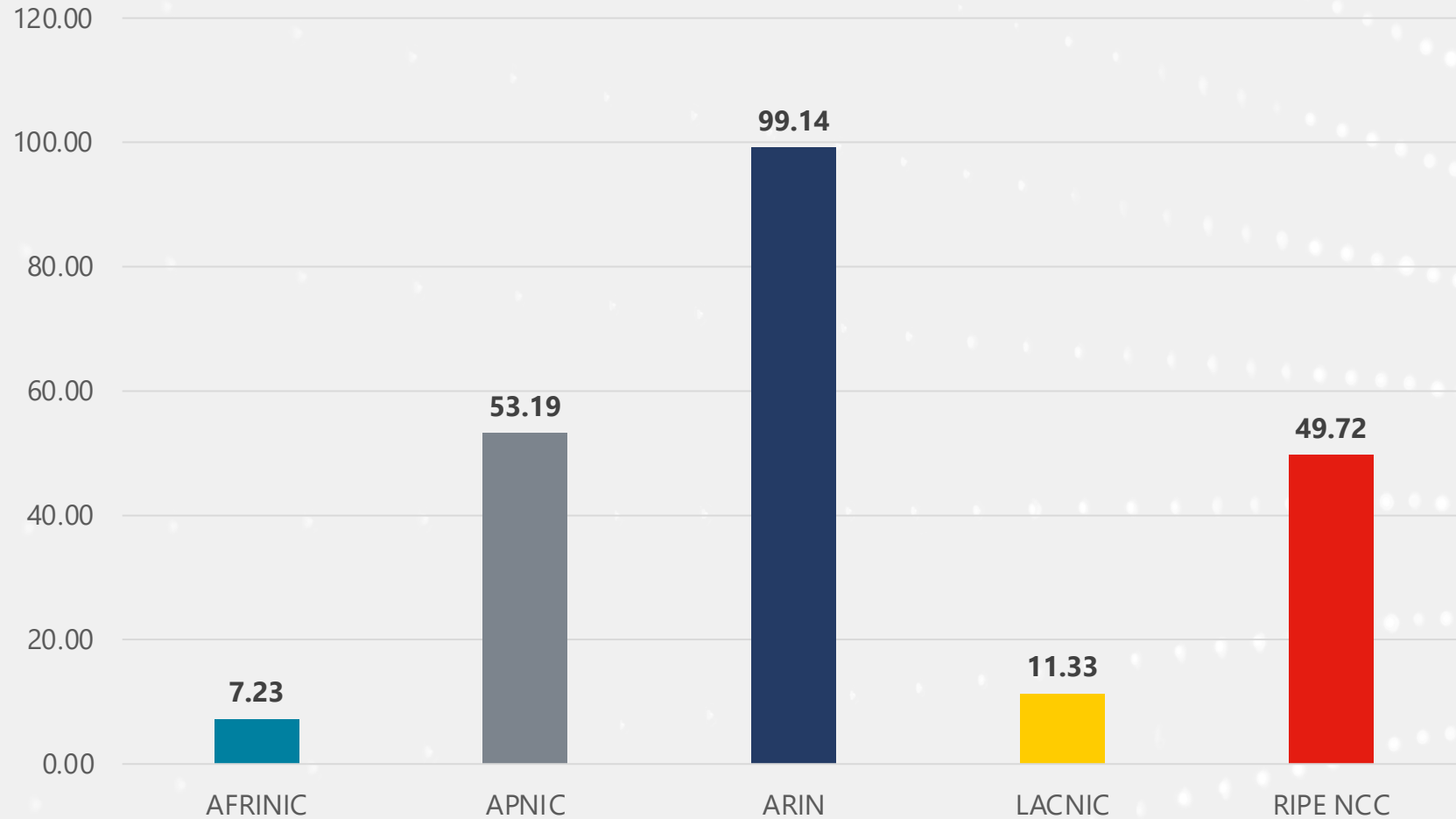
All IPv4 Address Space

Distribution of the
256 /8s



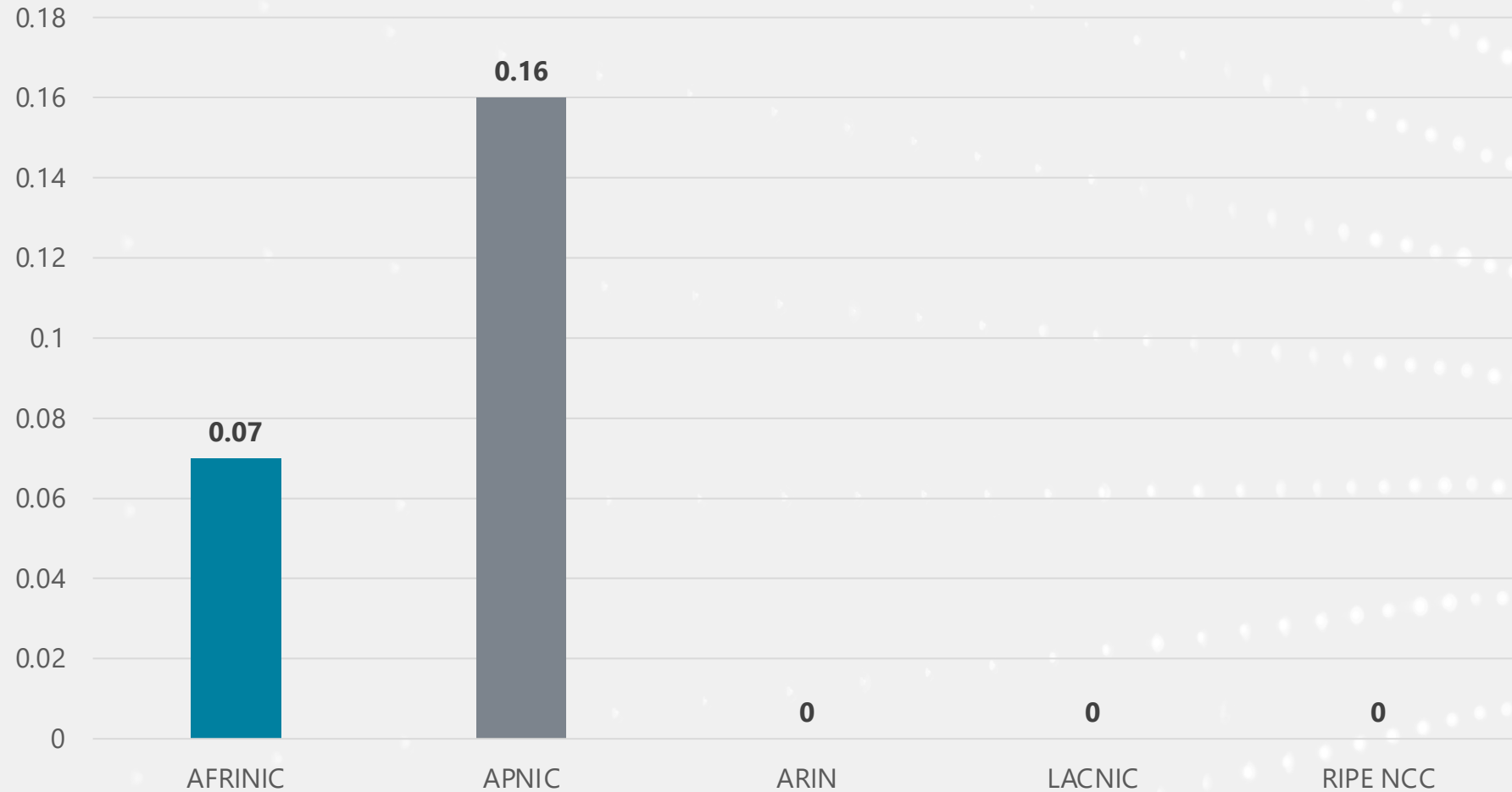
Total IPv4 Addresses Managed by each RIR

In terms of /8s



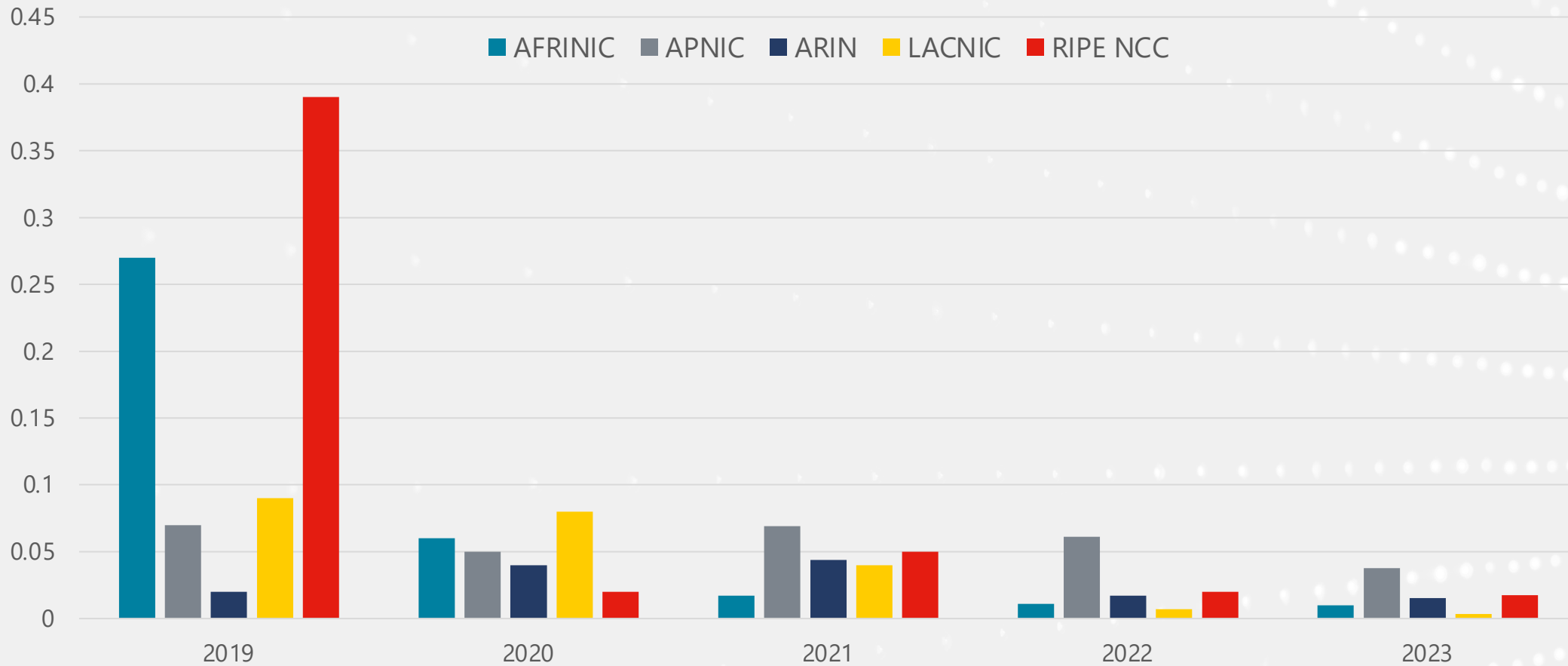
Available IPv4 Space in each RIR

In terms of /8s



IPv4 Space Issued by RIRs per Year

In terms of /8s

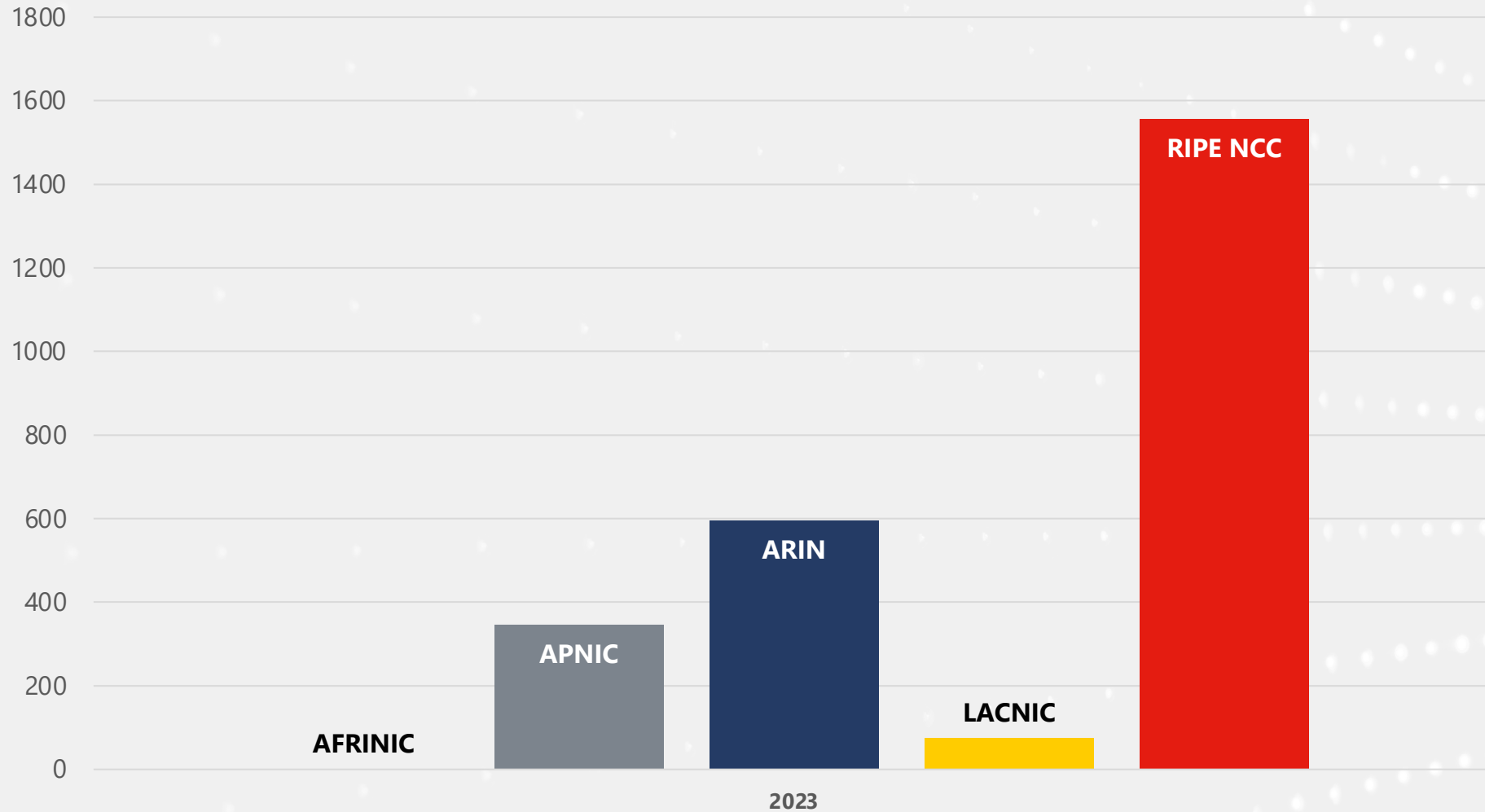


IPv4 Transfers

(exclusive M&A)

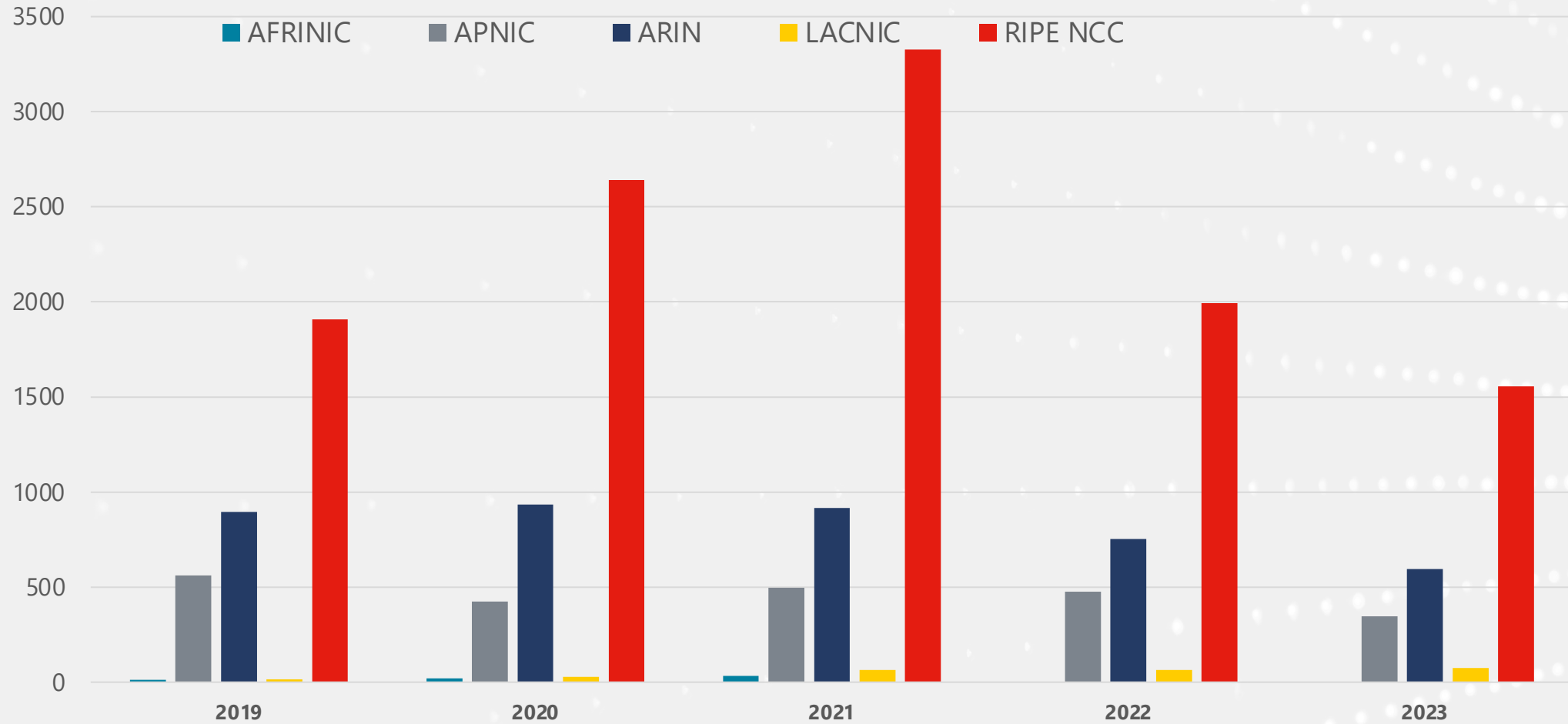
Intra-RIR IPv4 Transfers

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

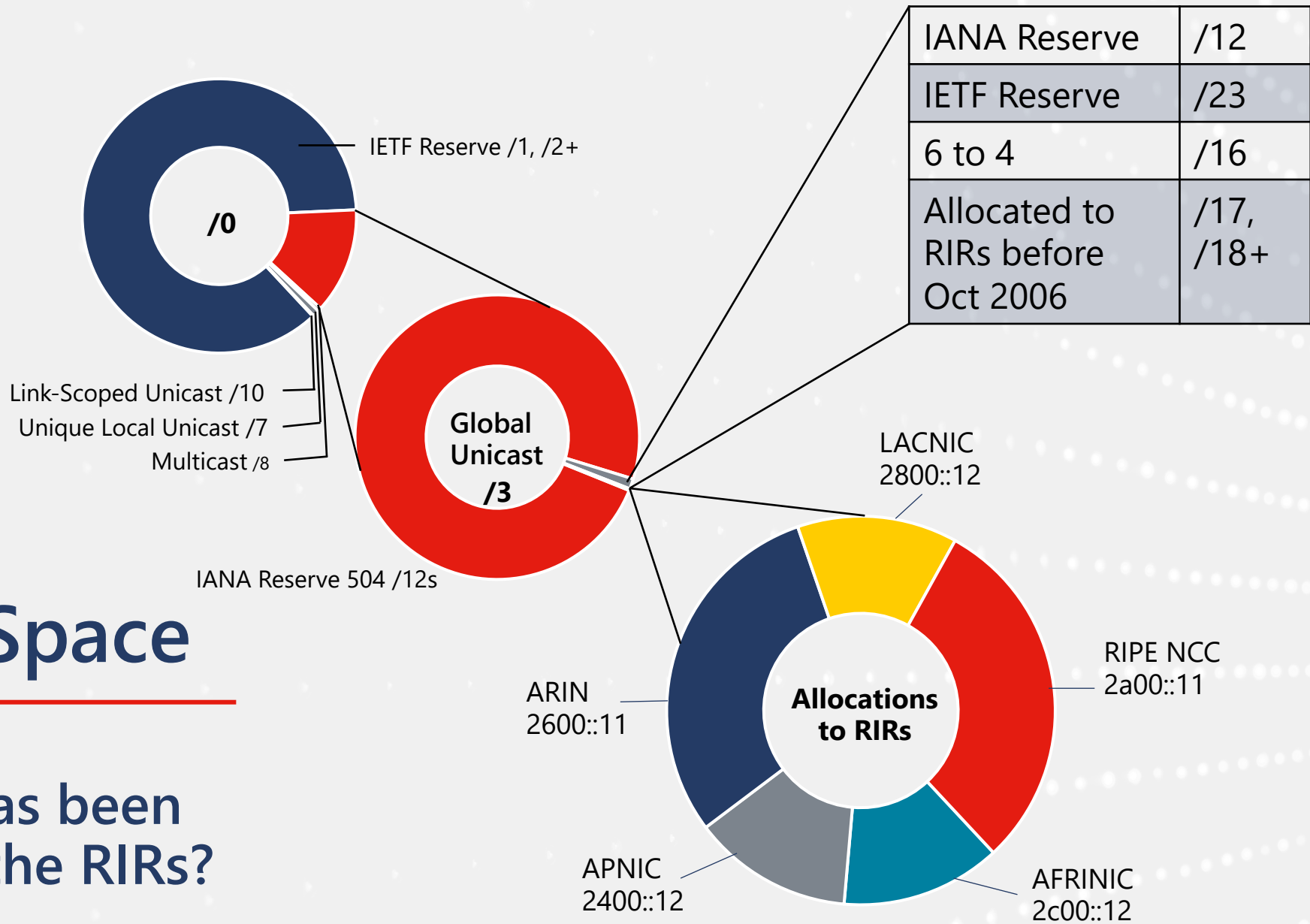
		Recipient RIR				
		AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
Source RIR	AFRINIC		0	0	0	0
	APNIC	0		152 1.28M	4 .00333M	315 1.957M
	ARIN	0	463 19.66M		23 .025M	543 15.49M
	LACNIC	0	1 .002M	19 .05M		29 .054M
	RIPE NCC	0	136 2.49M	218 3.34M	9 .007M	



IPv6

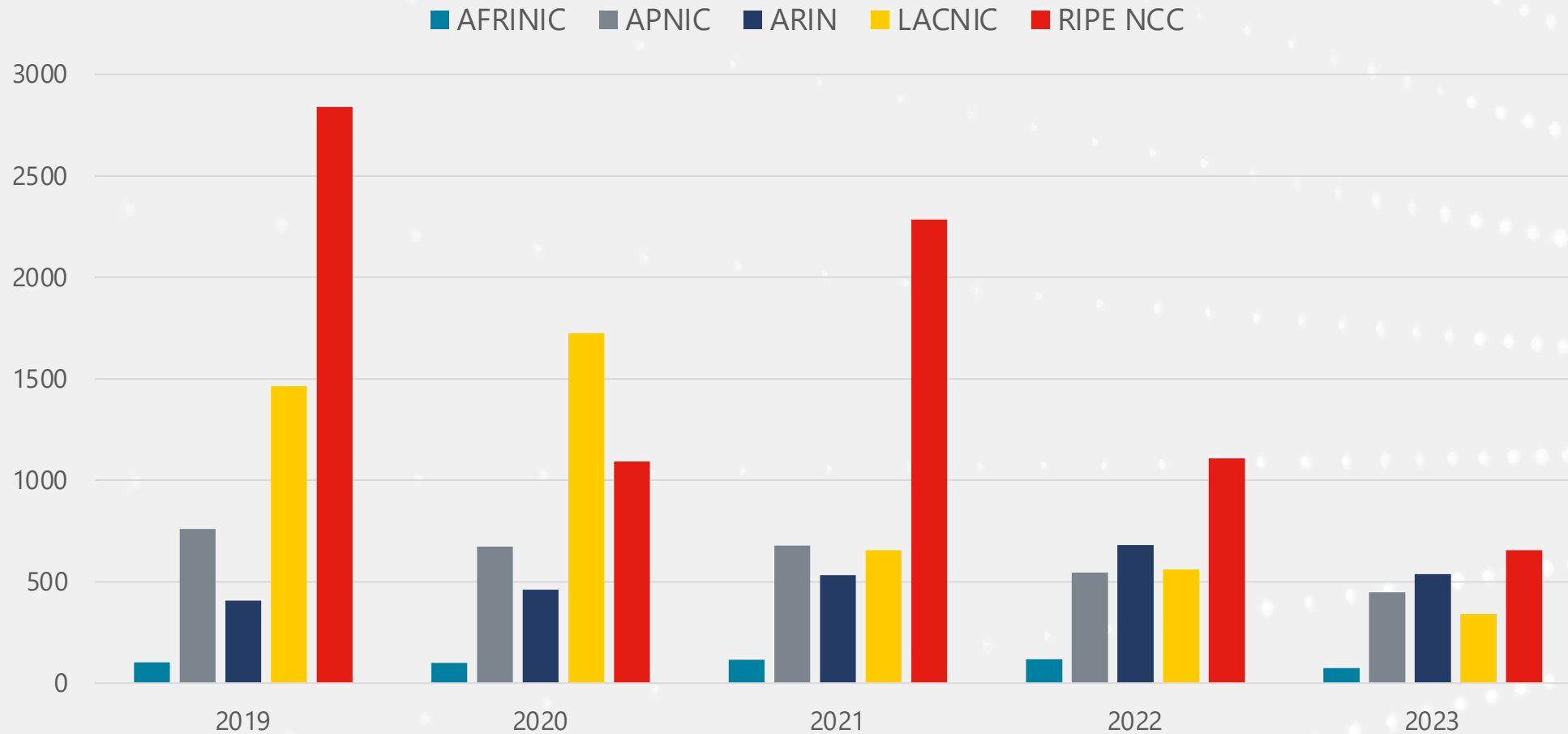
All IPv6 Address Space

How much has been allocated to the RIRs?



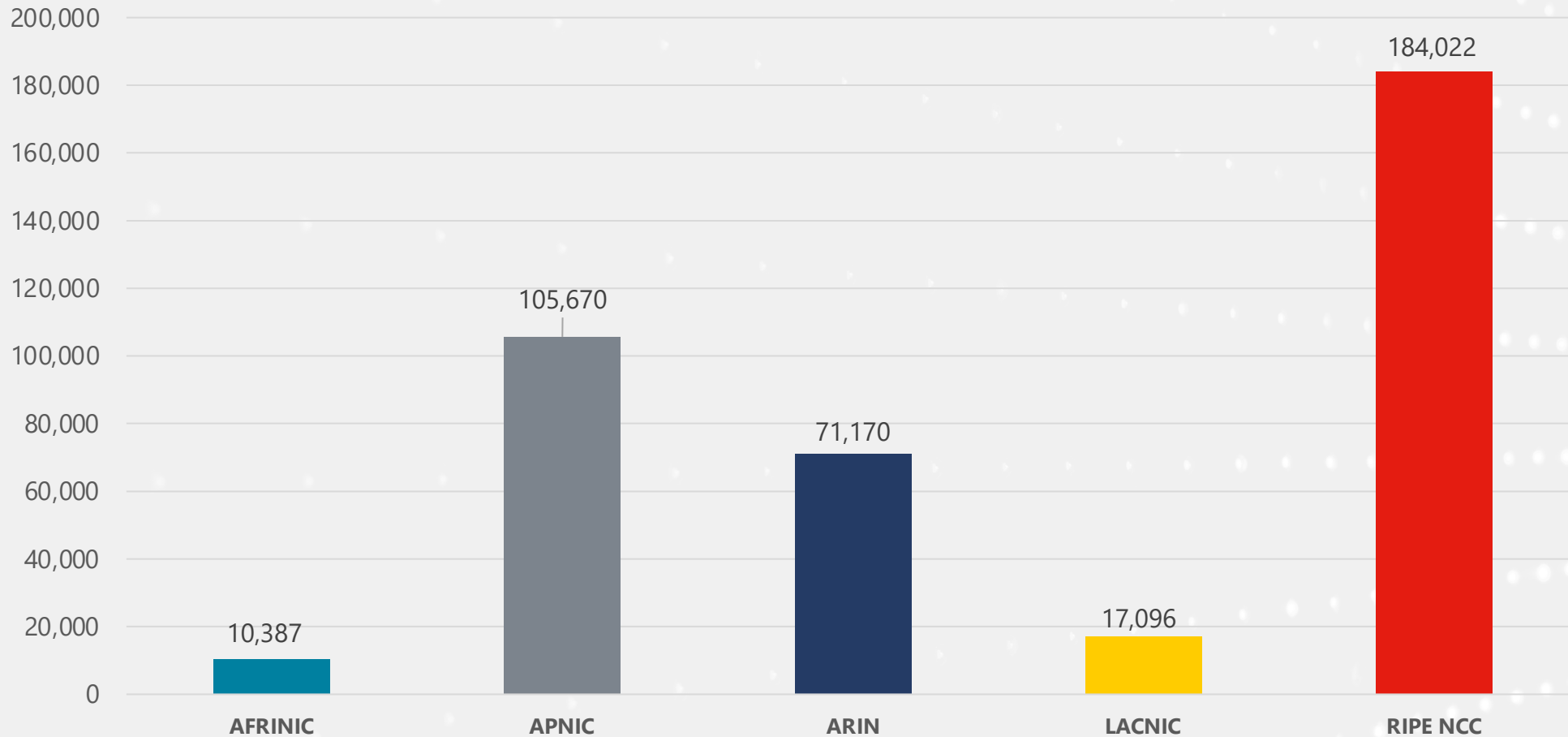
IPv6 Allocations Issued by RIRs

Prefixes allocated each year by RIR



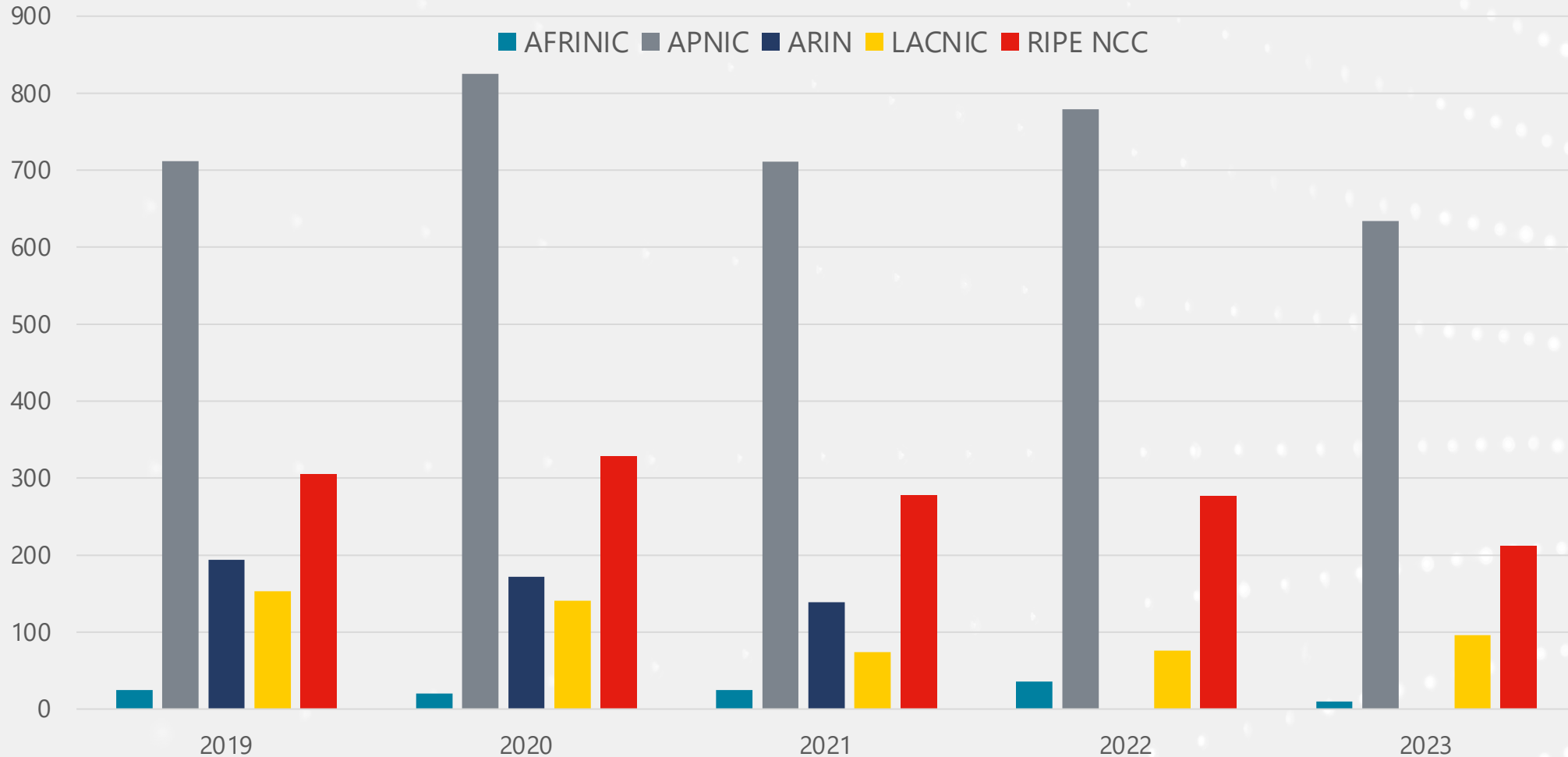
Total Allocated Space

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



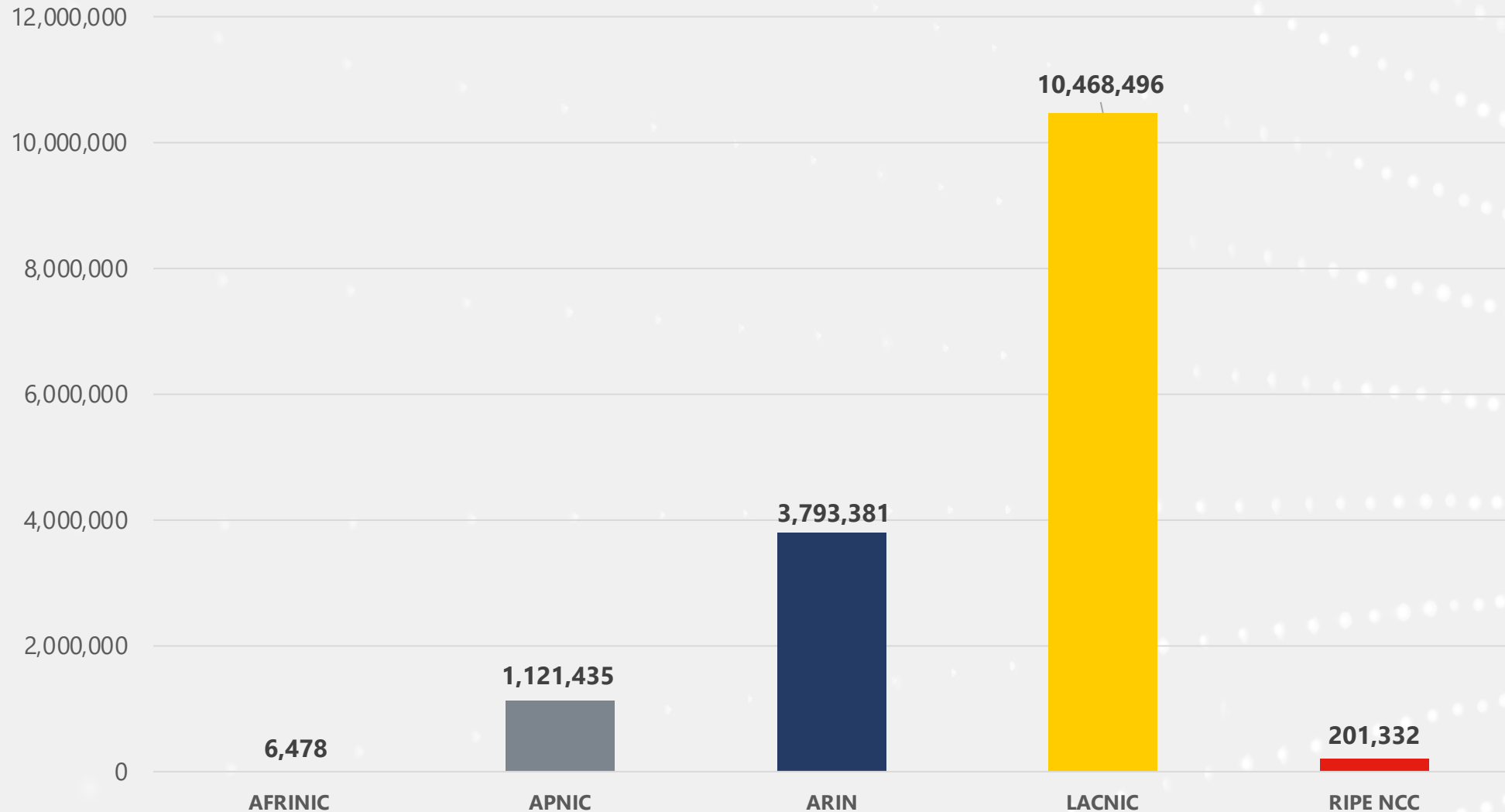
IPv6 Assignments Issued by RIRs

Prefixes each RIR assigned per year

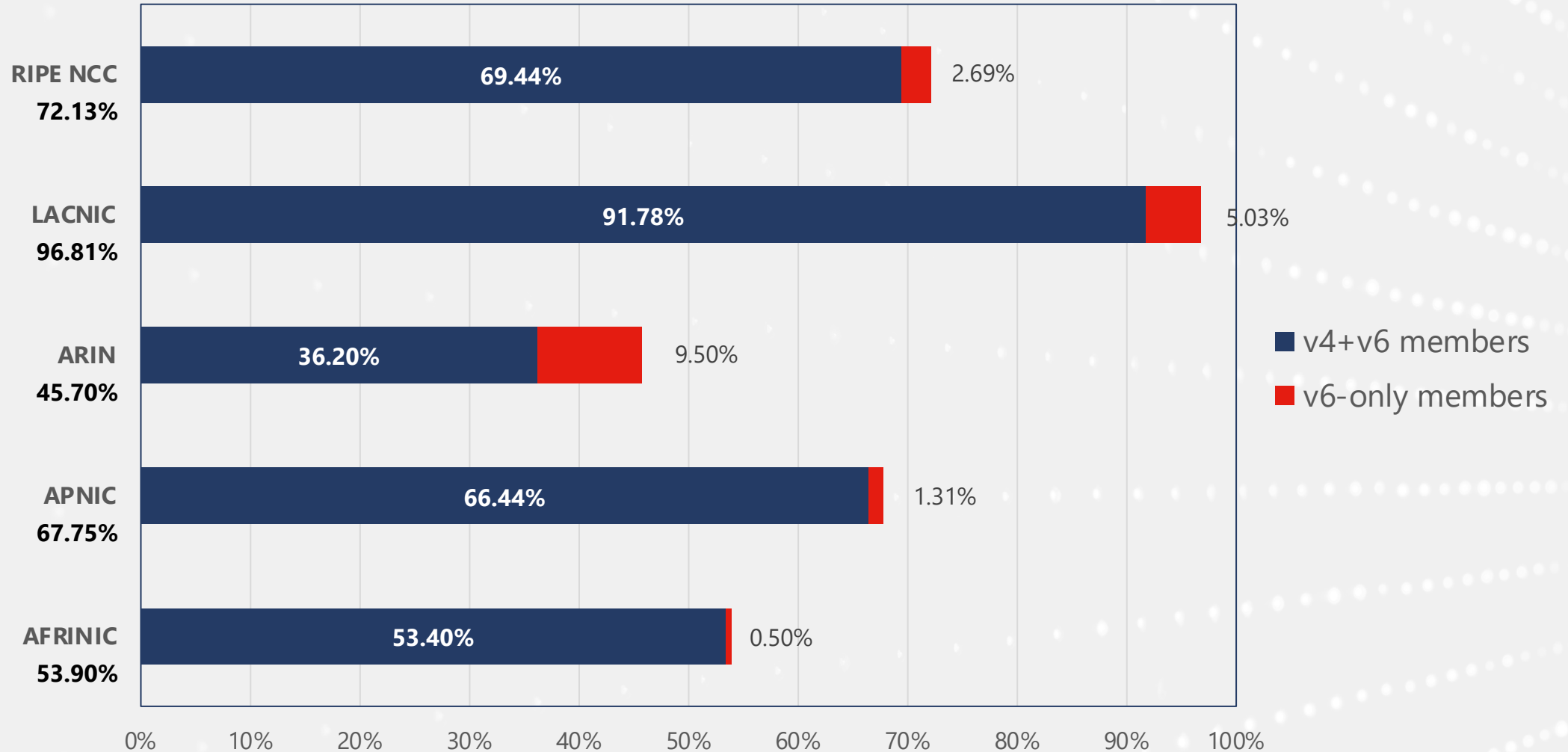


Total Assigned IPv6 Space

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

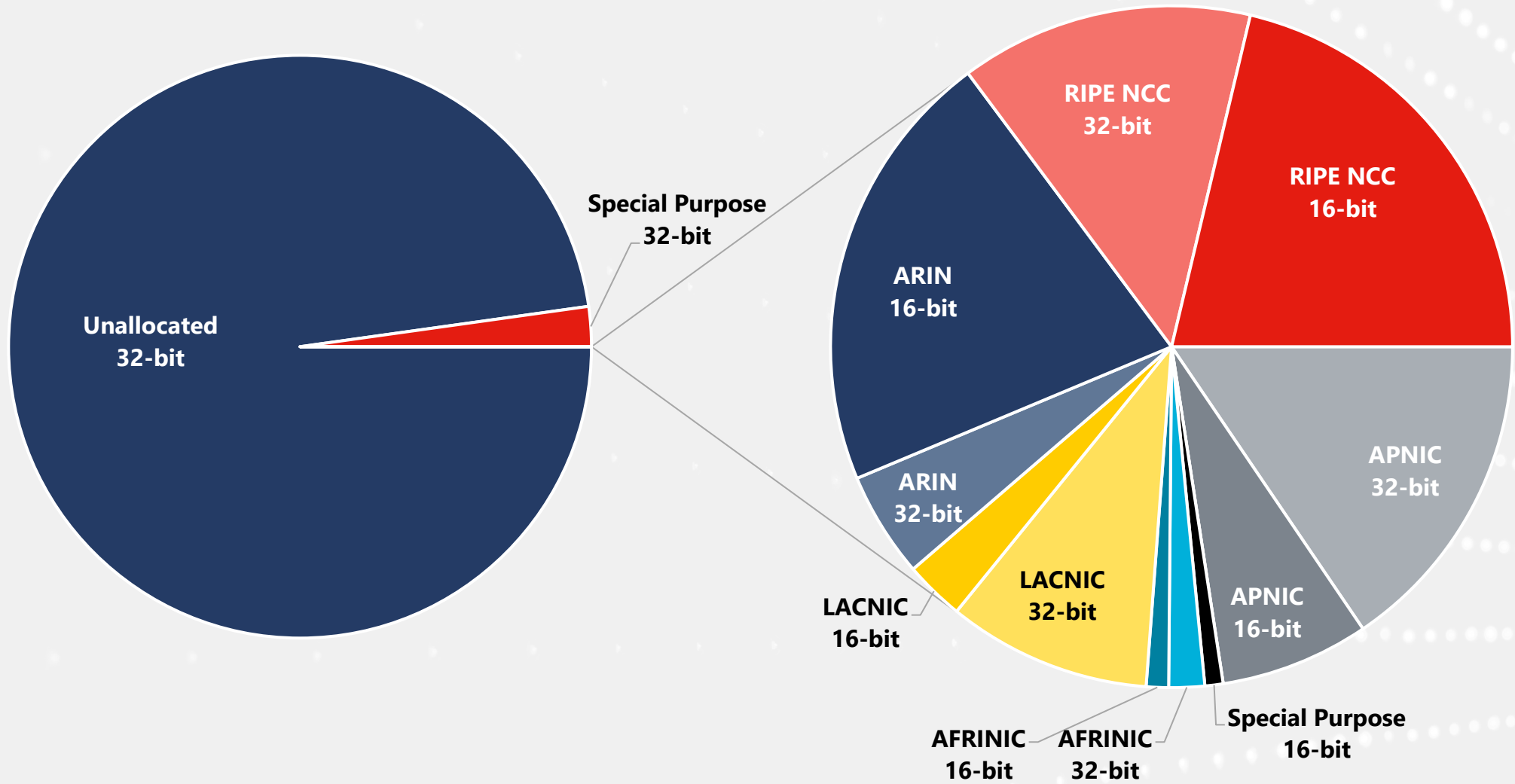


Percentage of Members with IPv6 in each RIR



AS Numbers

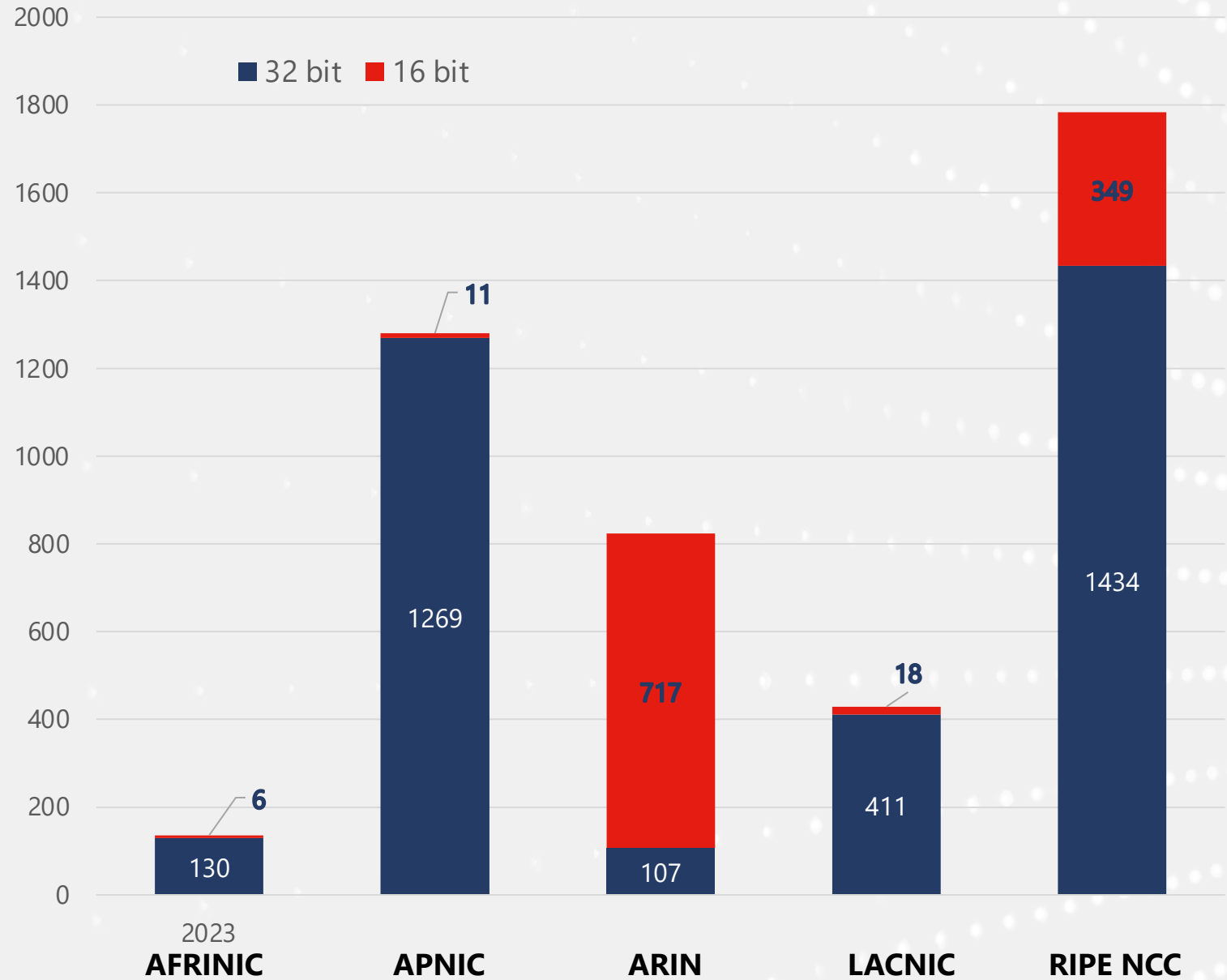
The image features a large, dark blue circle on a white background. Inside the circle, the text "AS Numbers" is written in a white, sans-serif font. The circle is bordered by a thin white line. Outside the circle, there are three colored dots: a black dot on the left, a blue dot at the top right, and a red dot at the bottom right. The background also contains faint, curved lines of small white dots.



All ASNs

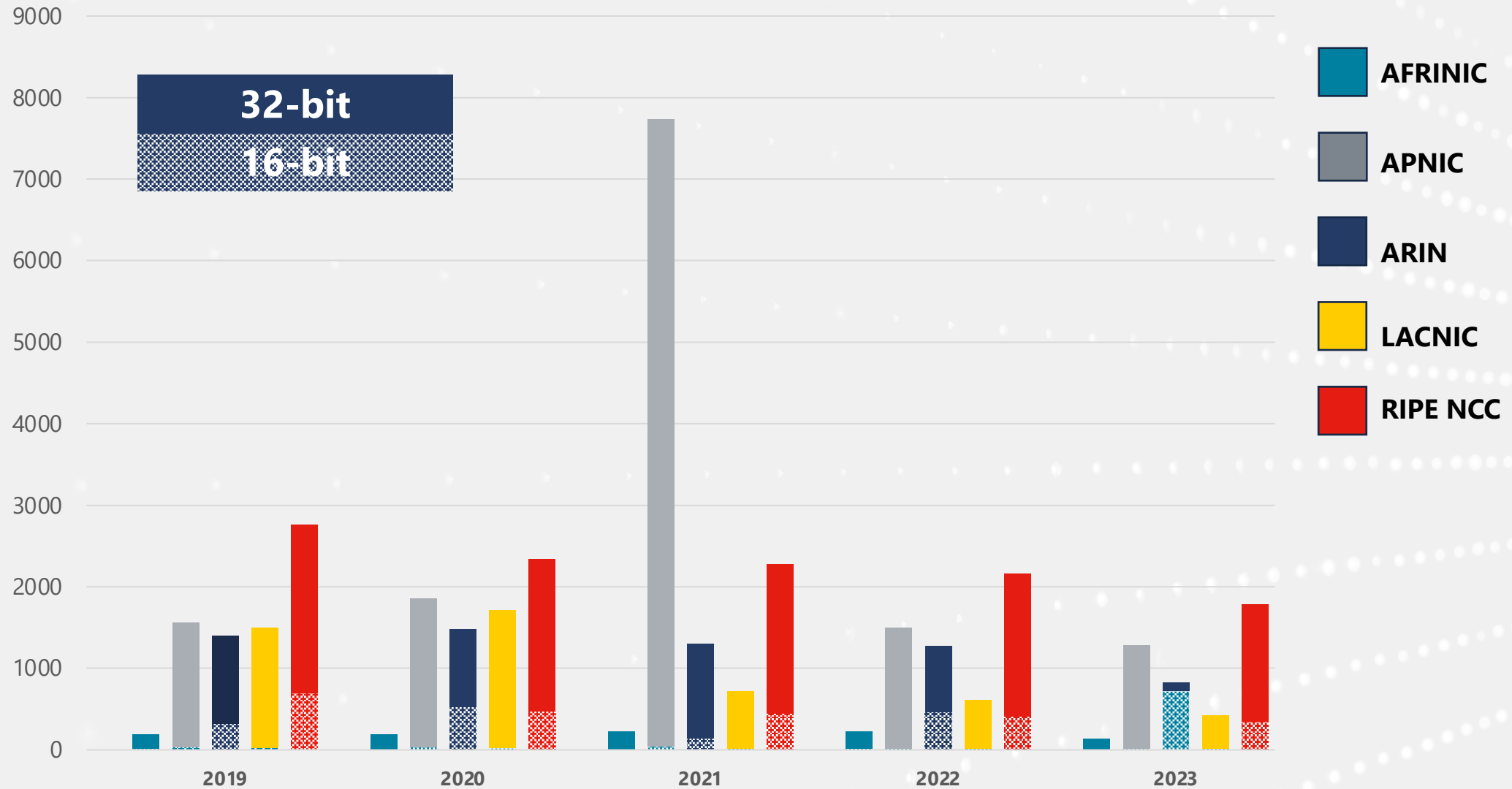
ASN Assignments by RIRs

ASNs each RIR issued in 2023

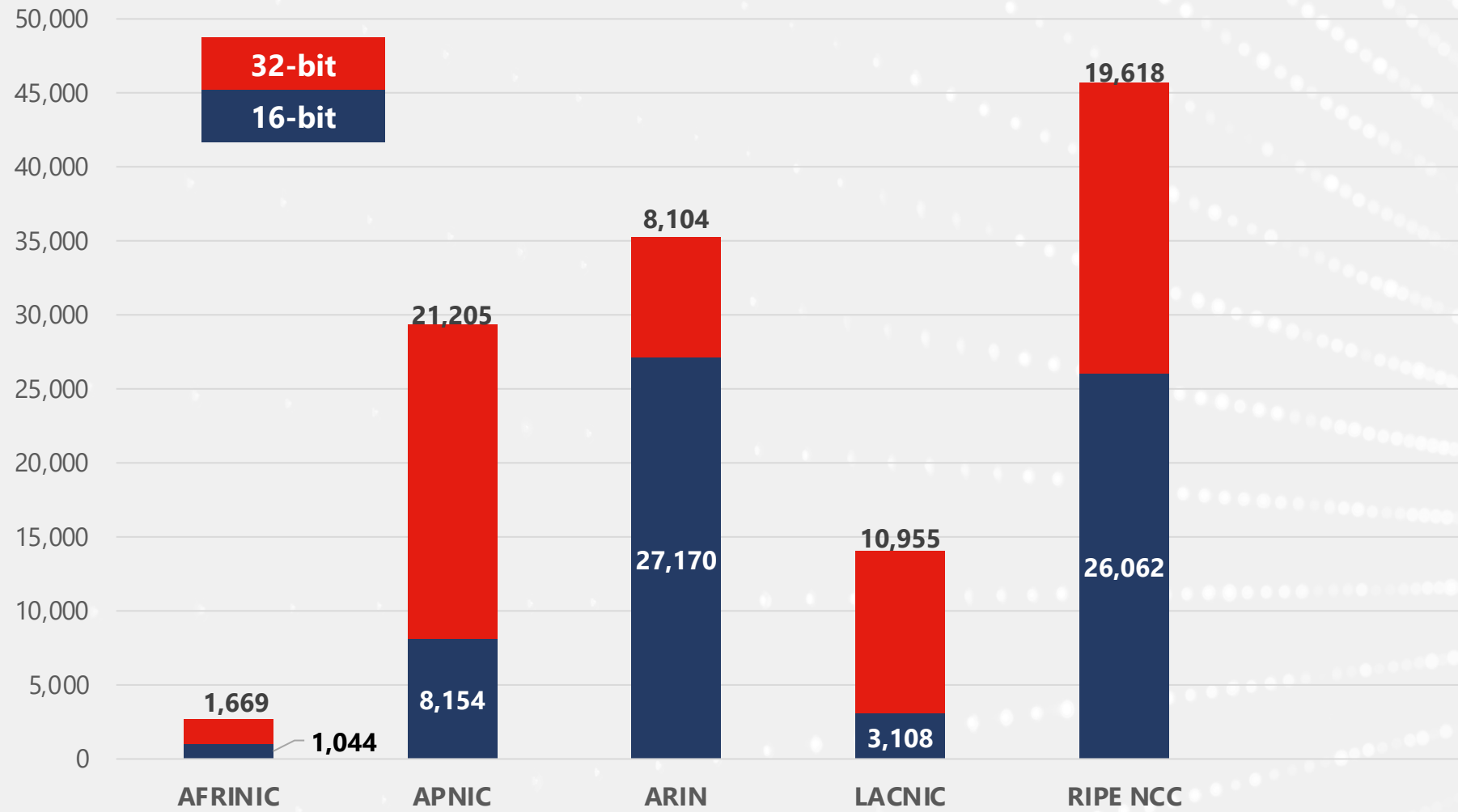


ASN Assignments by RIRs

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>