



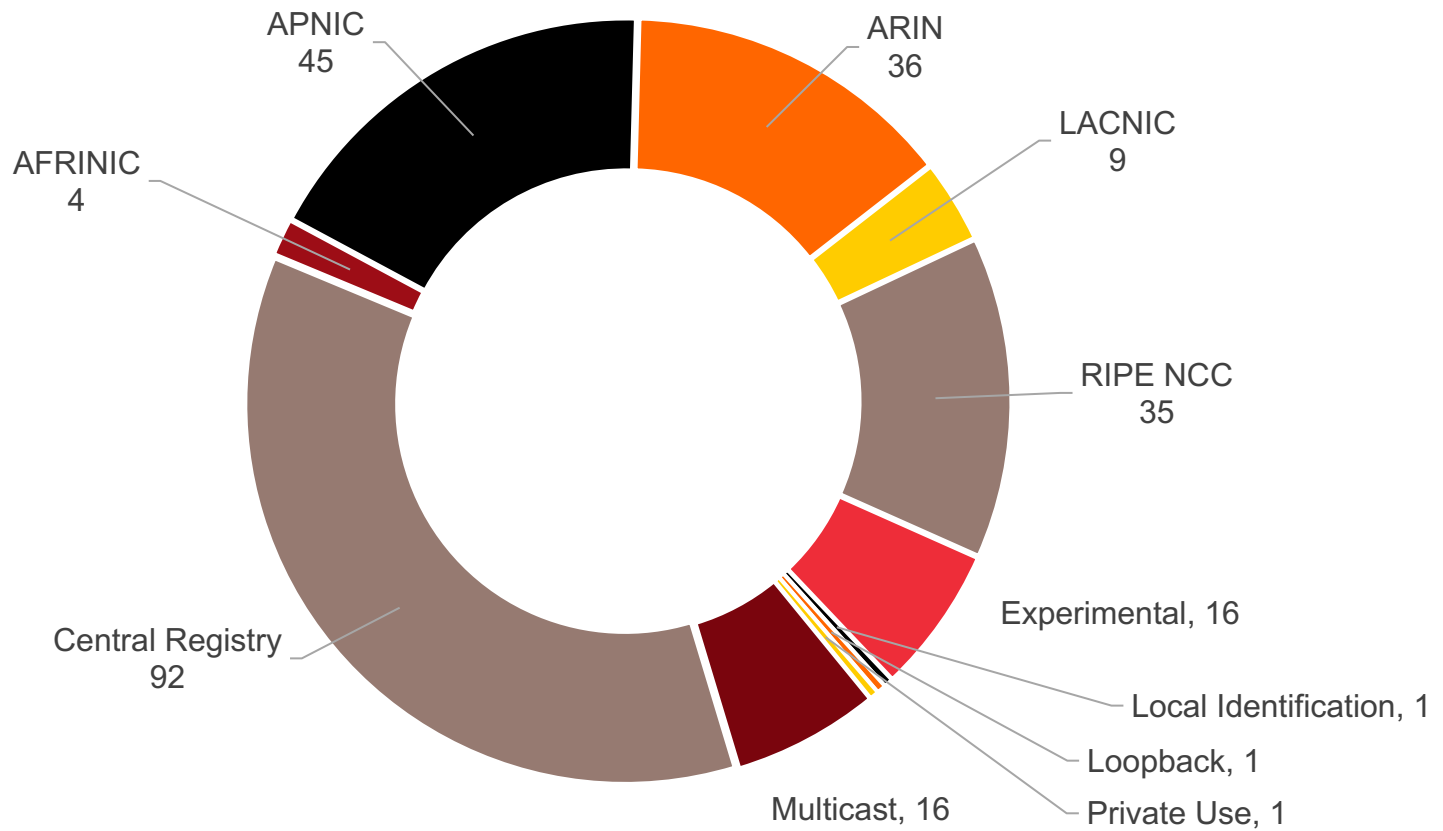
Internet Number Resource Status Report

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

As of 31 March 2021

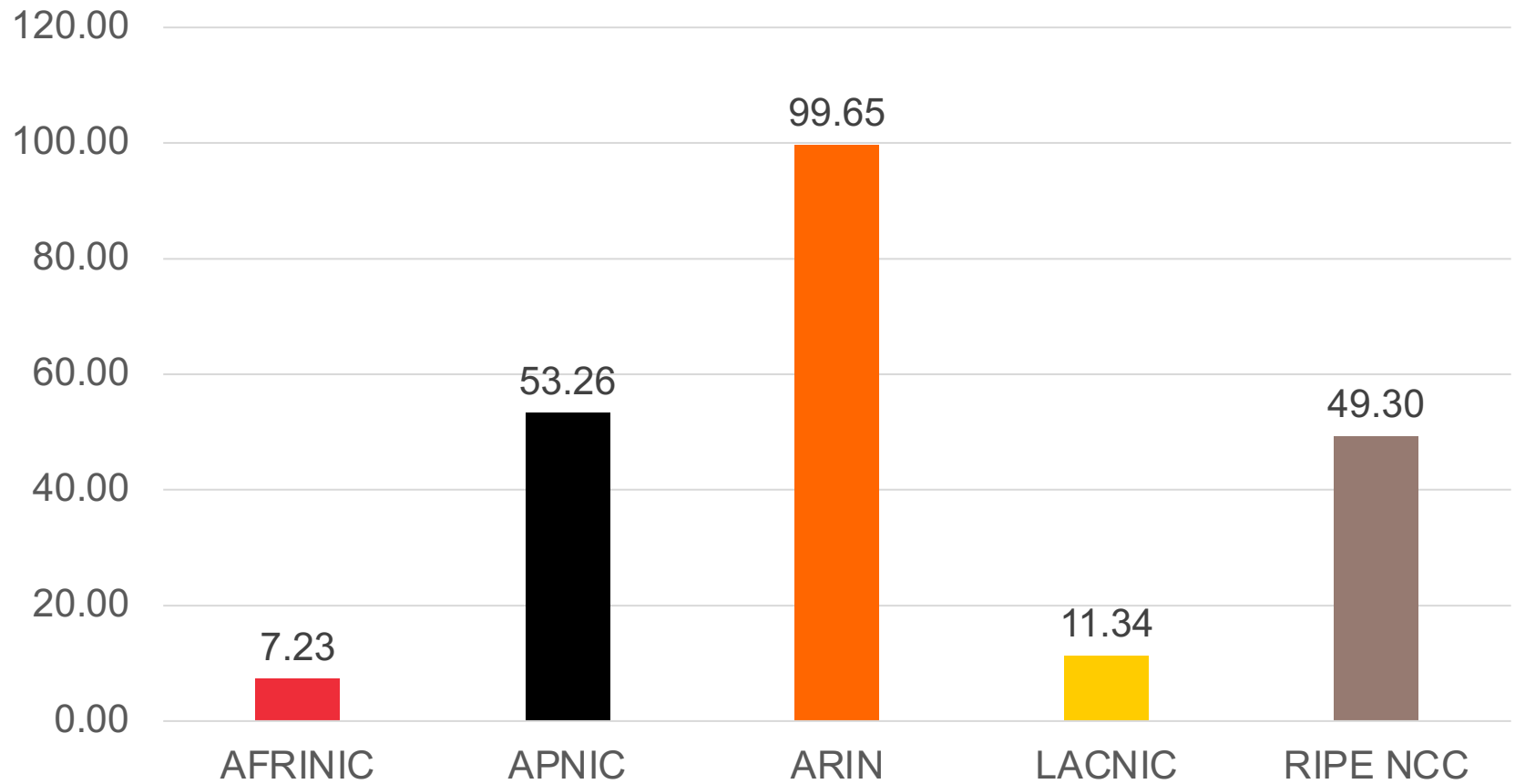
All IPv4 Address Space

Distribution of the 256 /8s



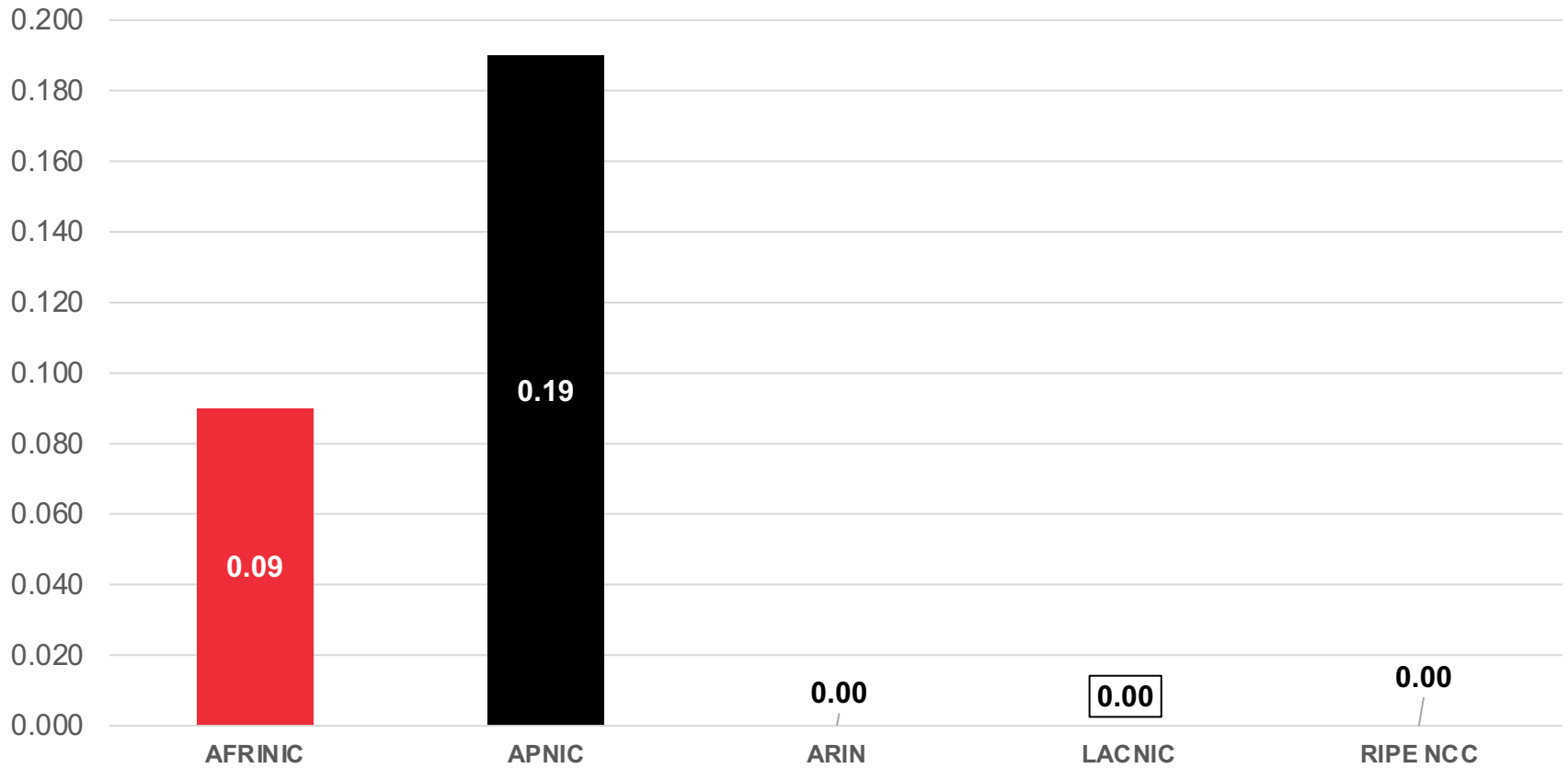
Total IPv4 Addresses Managed by each RIR

In terms of /8s



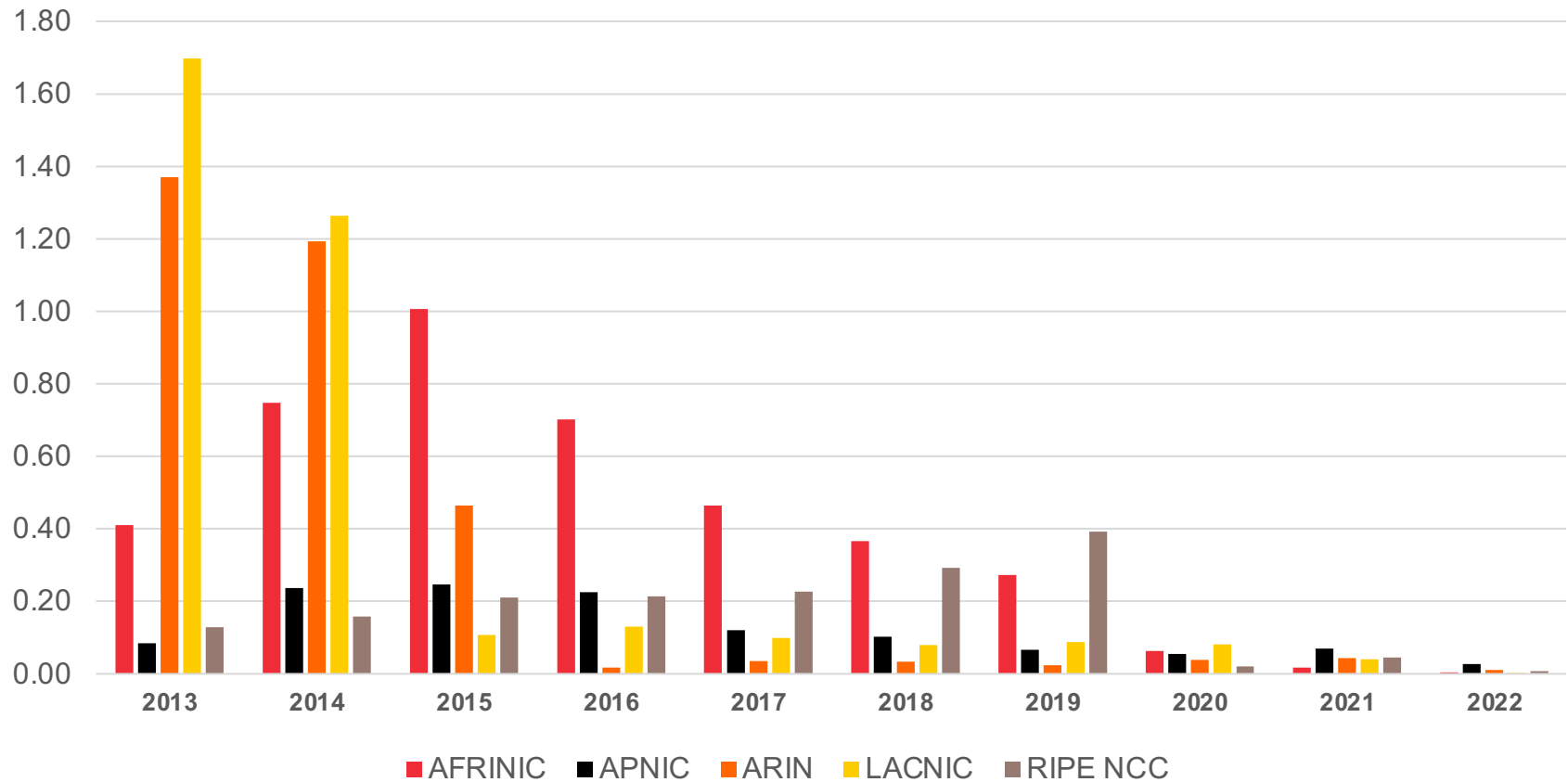
Available IPv4 Space in each RIR

In terms of /8s



IPv4 Space issued by RIRs

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

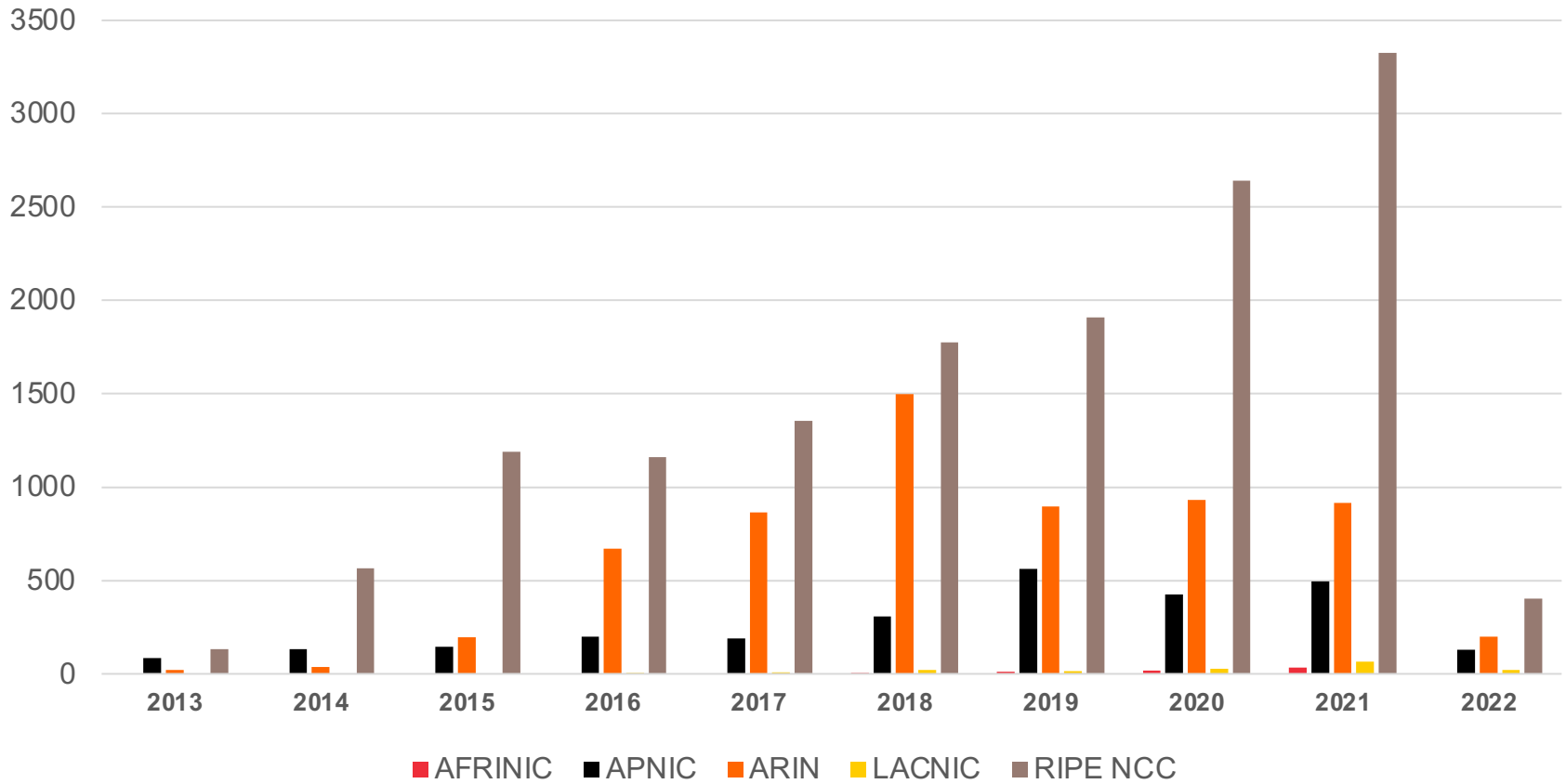


IPv4 Transfers

(exclusive M&A)

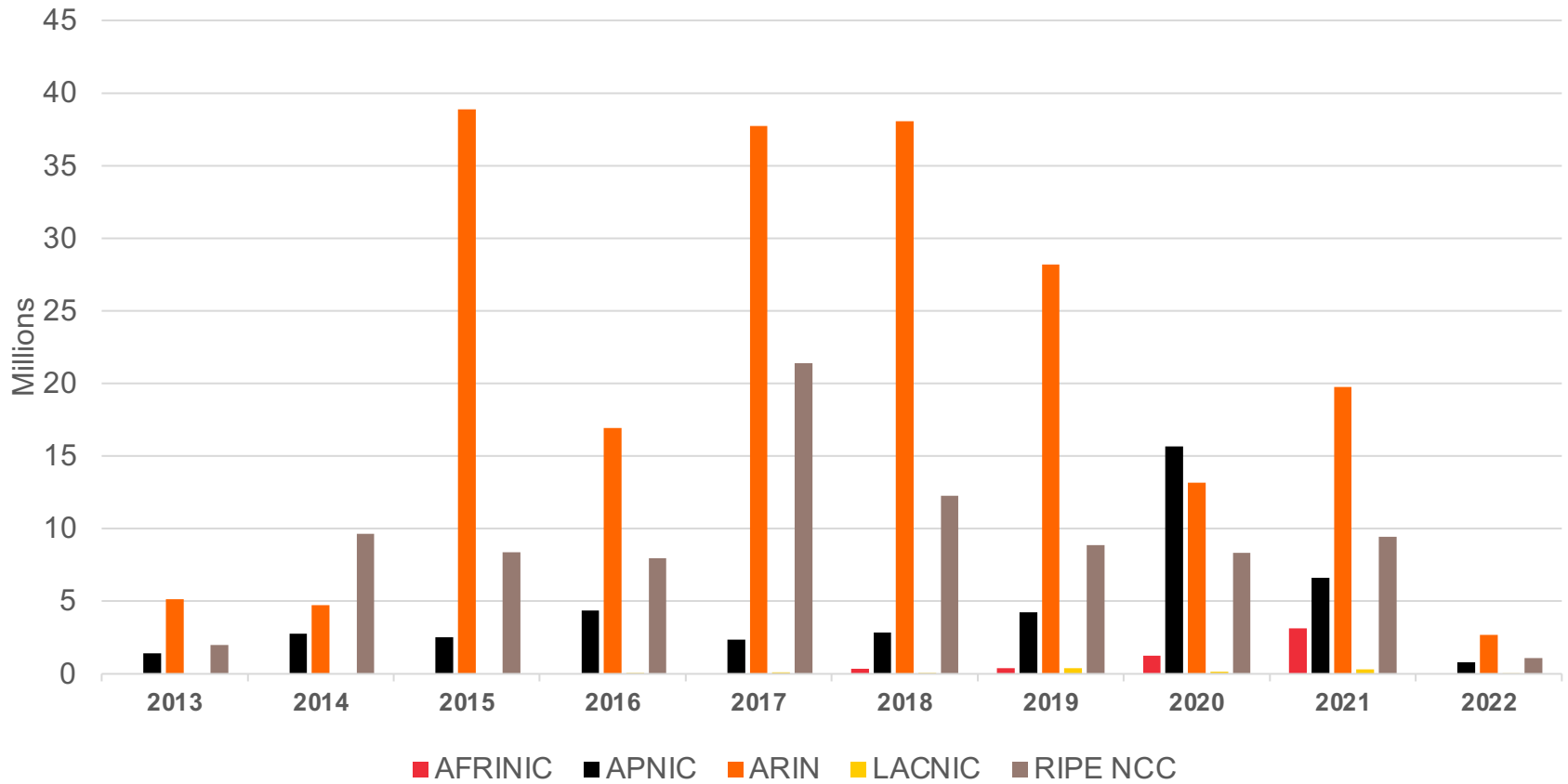
Intra-RIR IPv4 Transfers

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
Source RIR	AFRINIC		0	0	0	0
	APNIC	0		104	0	194
	ARIN	0	380		14	468
	LACNIC	0	1	17		22
	RIPE NCC	0	125	189	5	

Inter-RIR Transferred IPv4 Addresses

Total number of IPv4 addresses transferred between RIRs

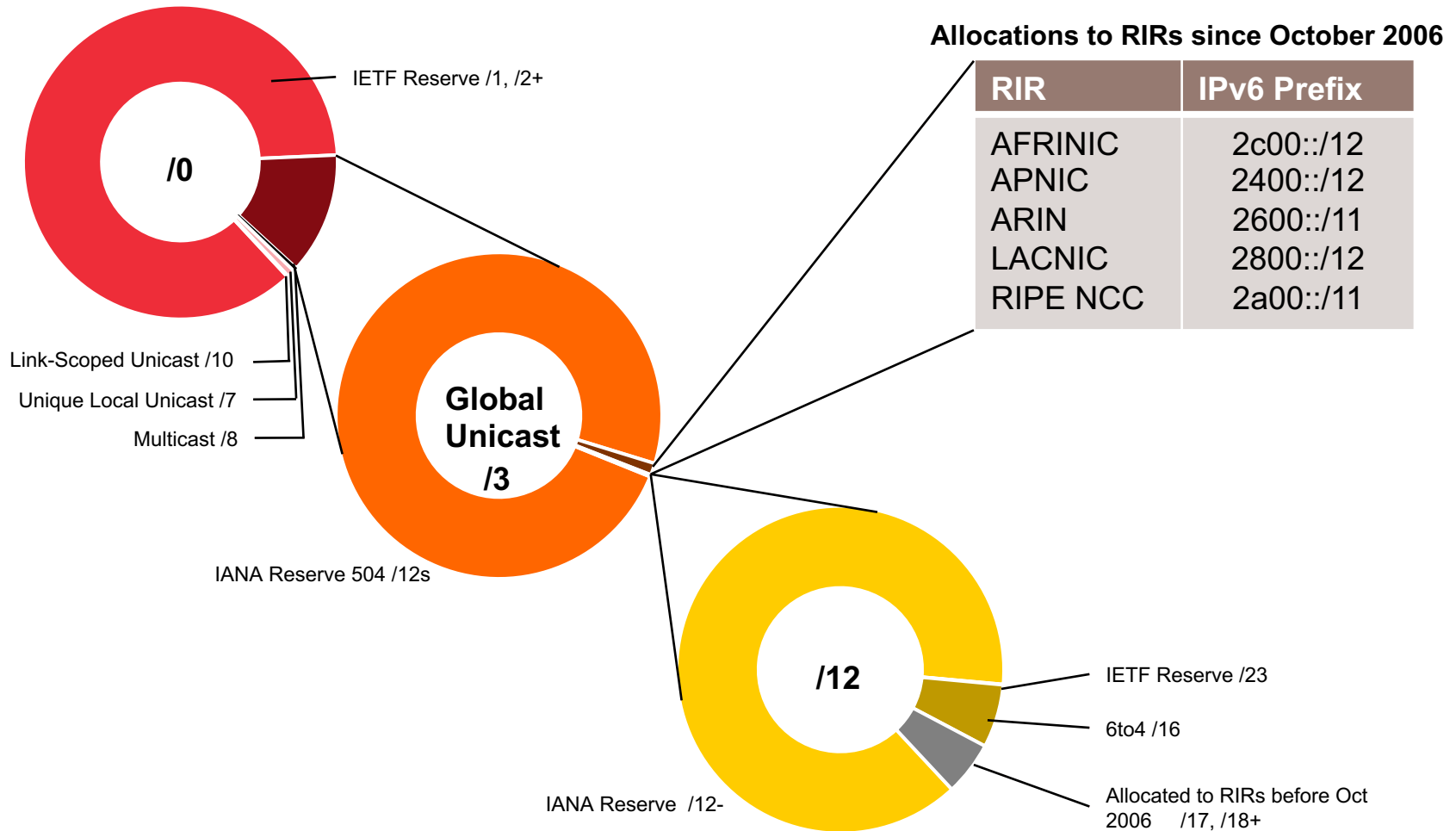
		Recipient RIR				
		AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
Source RIR	AFRINIC		0	0	0	0
	APNIC	0		.263M	0	1.531M
	ARIN	0	19.402M		.021M	10.418M
	LACNIC	0	.002M	.037M		.382M
	RIPE NCC	0	2.267M	1.197M	.004M	



IPv6

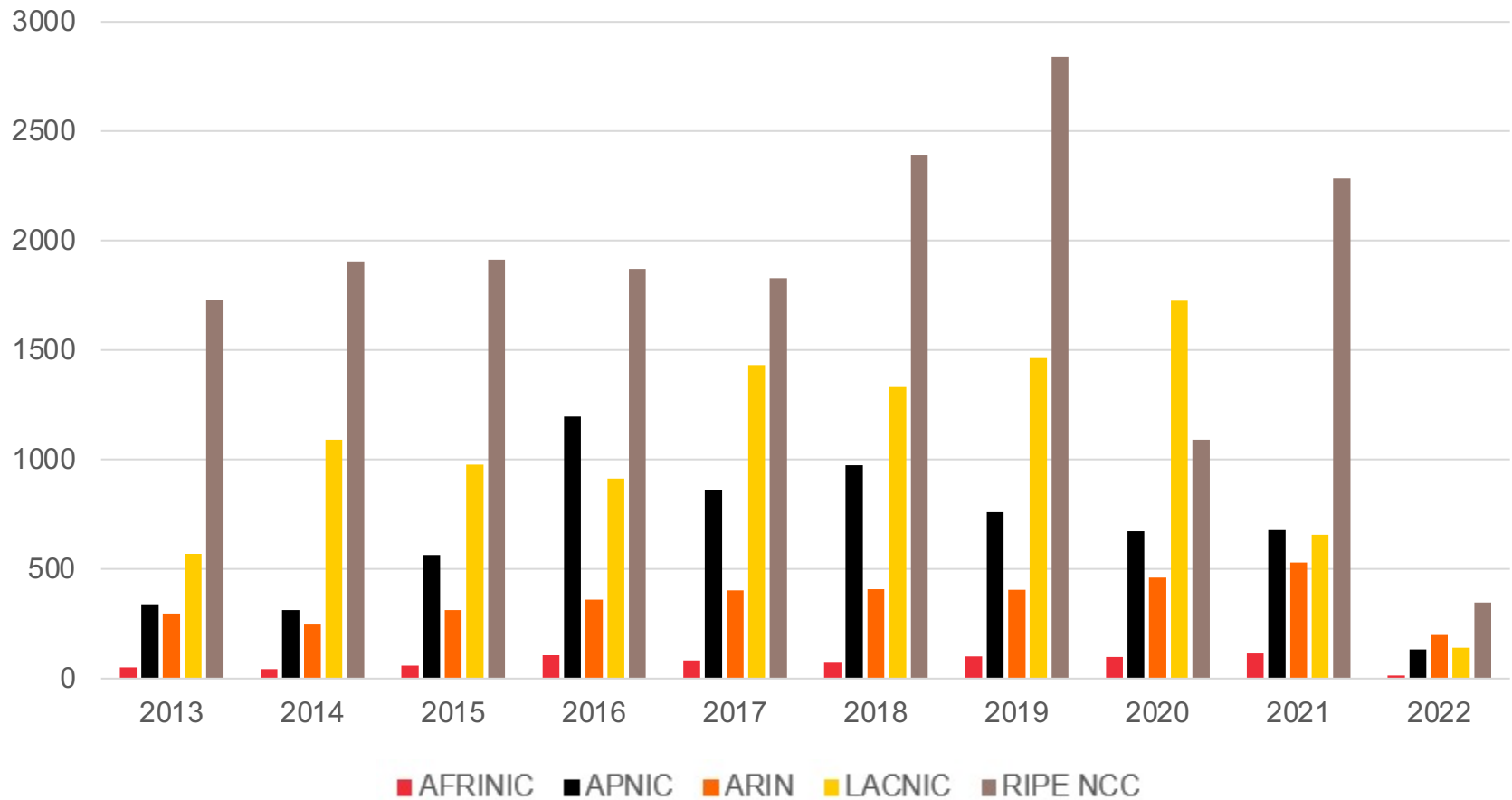
All IPv6 Address Space

How much has been allocated to the RIRs?



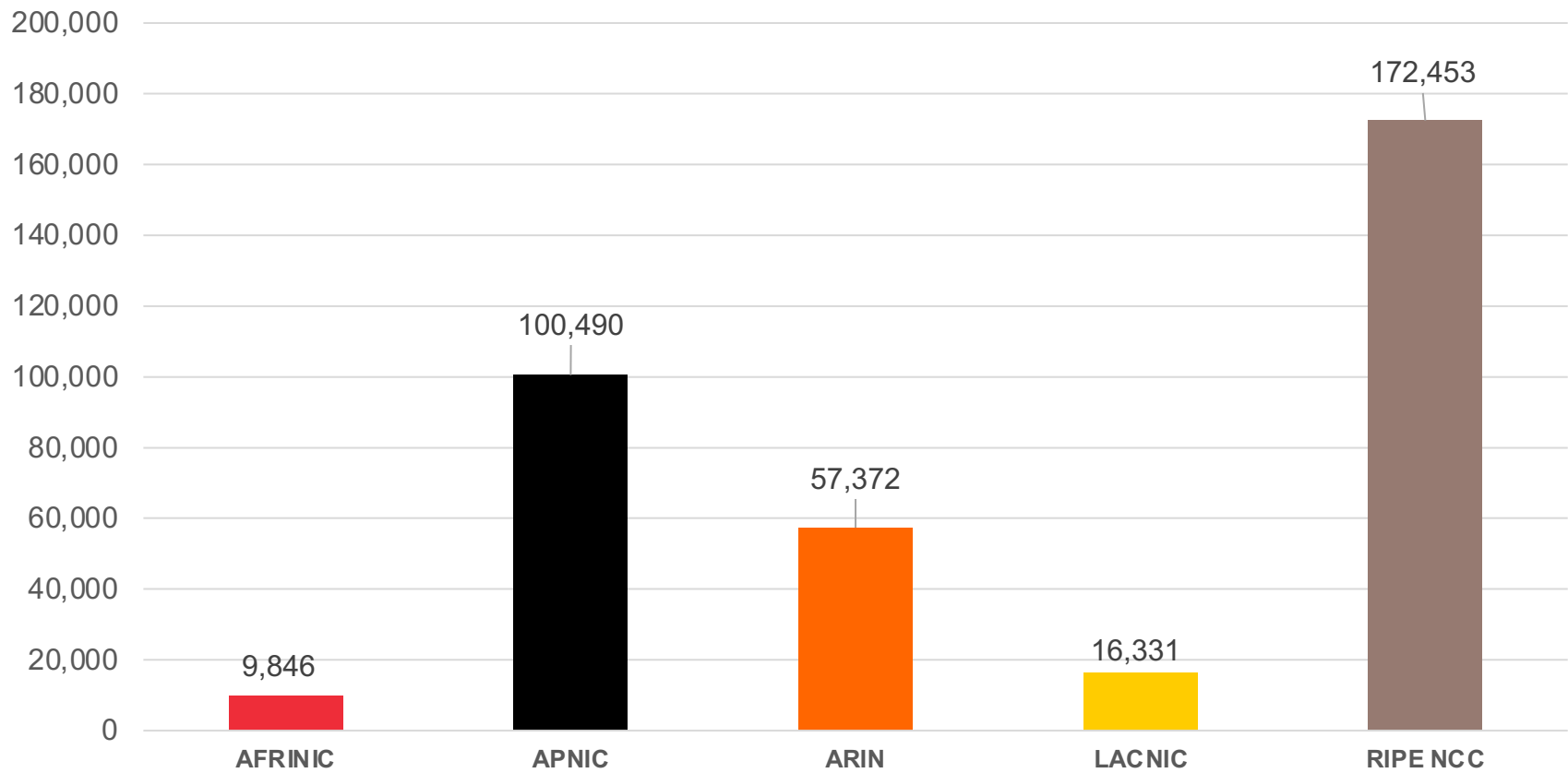
IPv6 Allocations Issued by RIRs

How many prefixes has each RIR allocated per year?



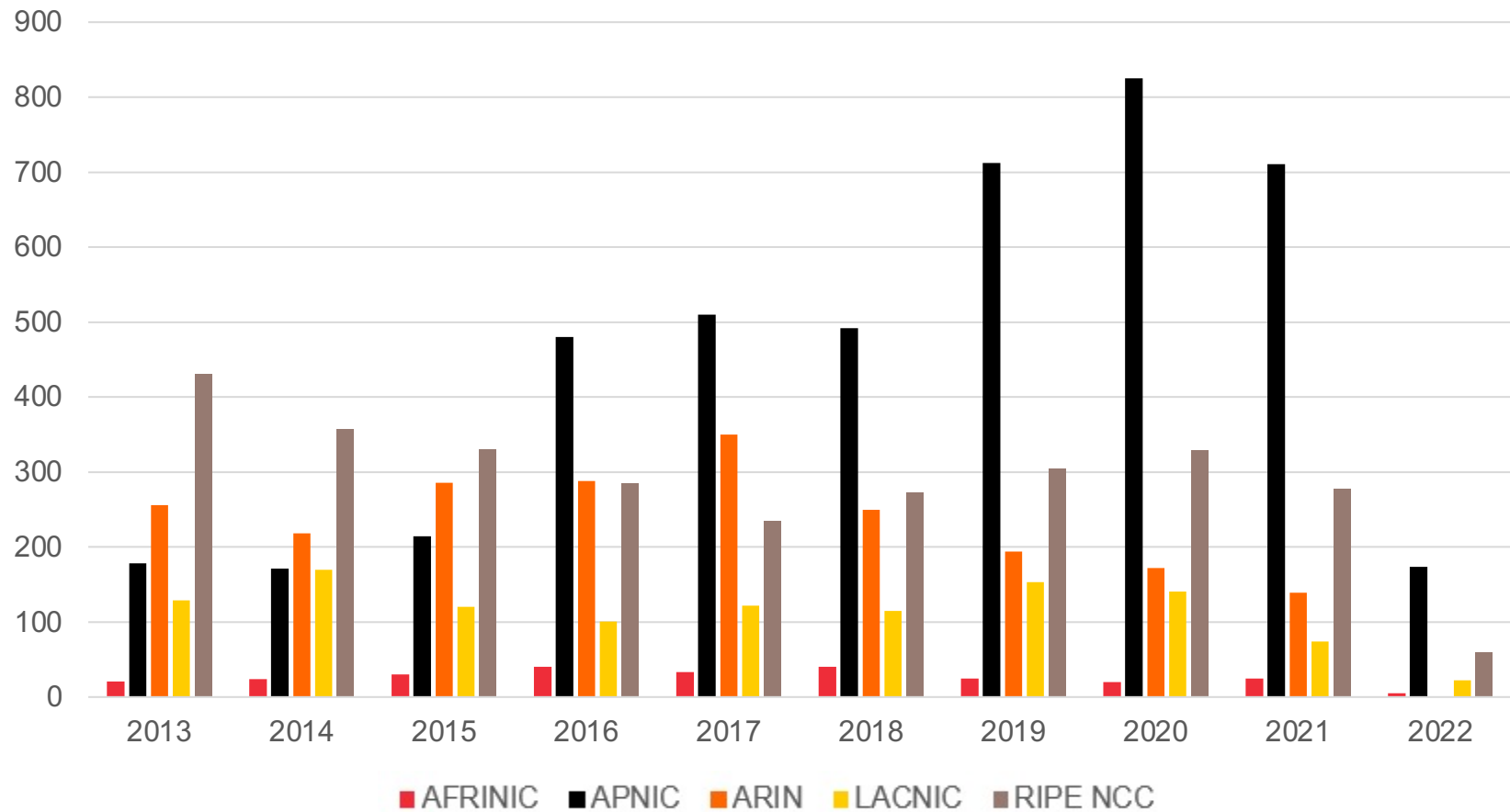
Total Allocated IPv6 Space

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



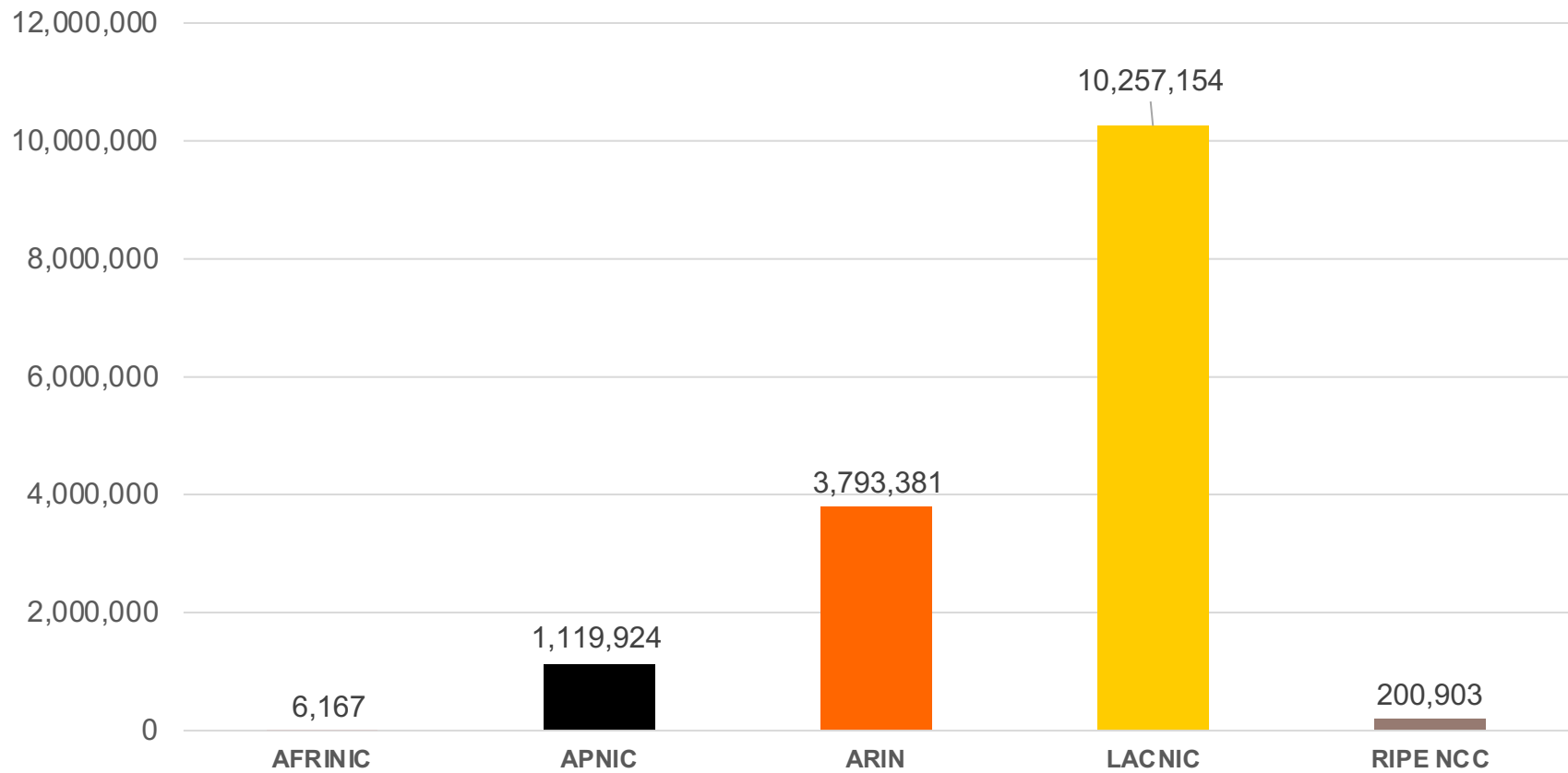
IPv6 Assignments Issued by RIRs

How many prefixes has each RIR assigned per year?

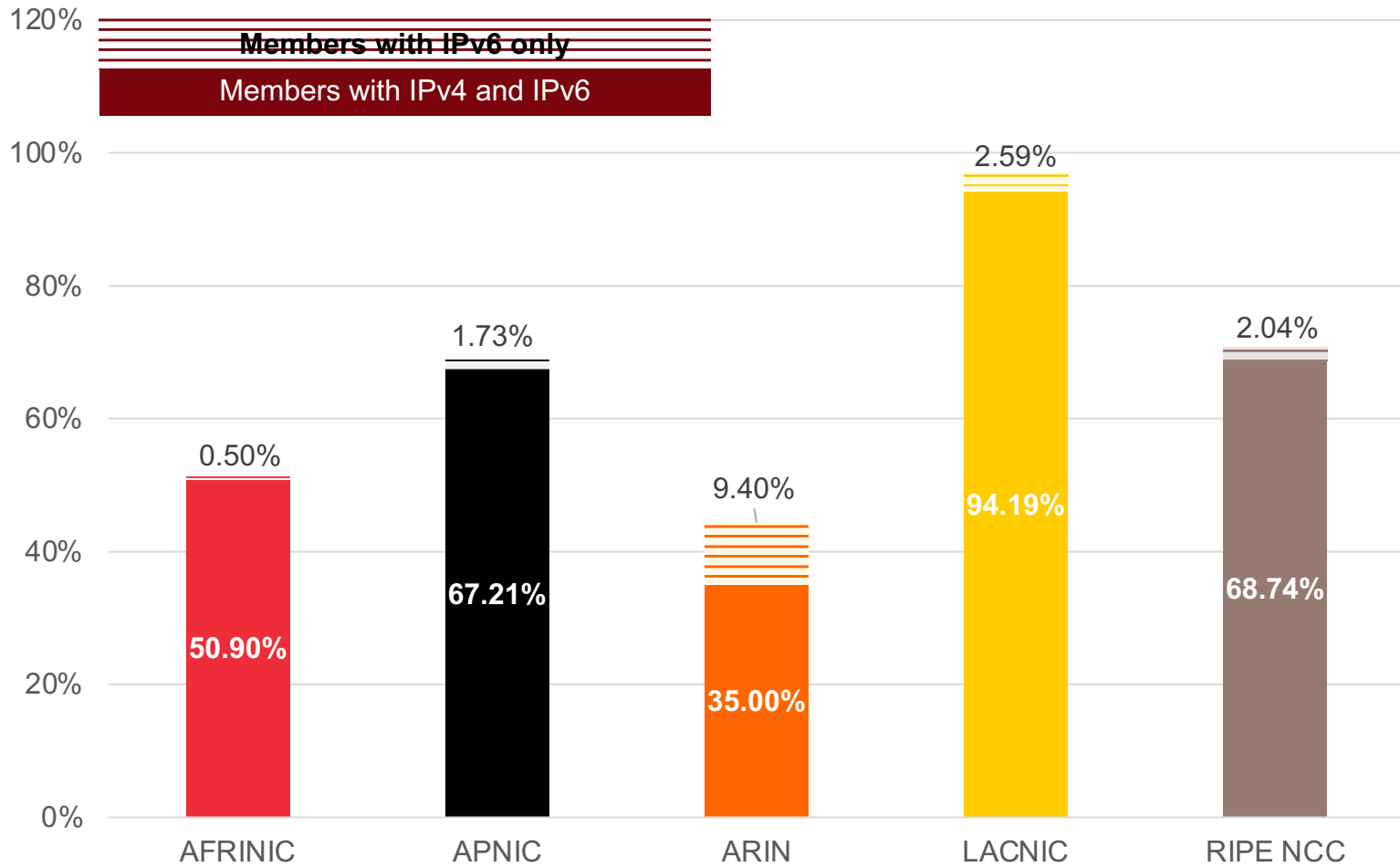


Total Assigned IPv6 Space

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



Percentage of Members with IPv6 in each RIR

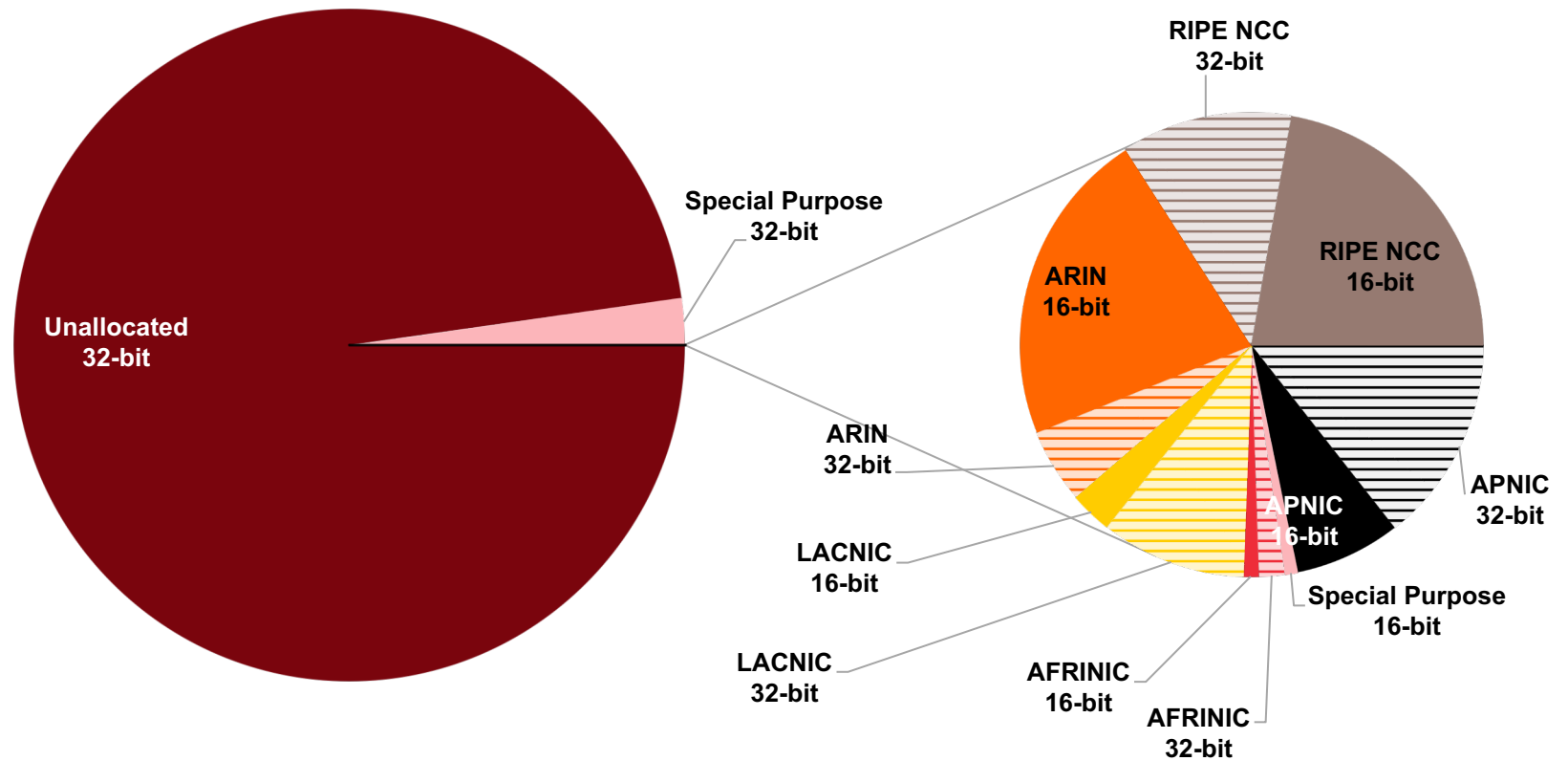




AS Numbers

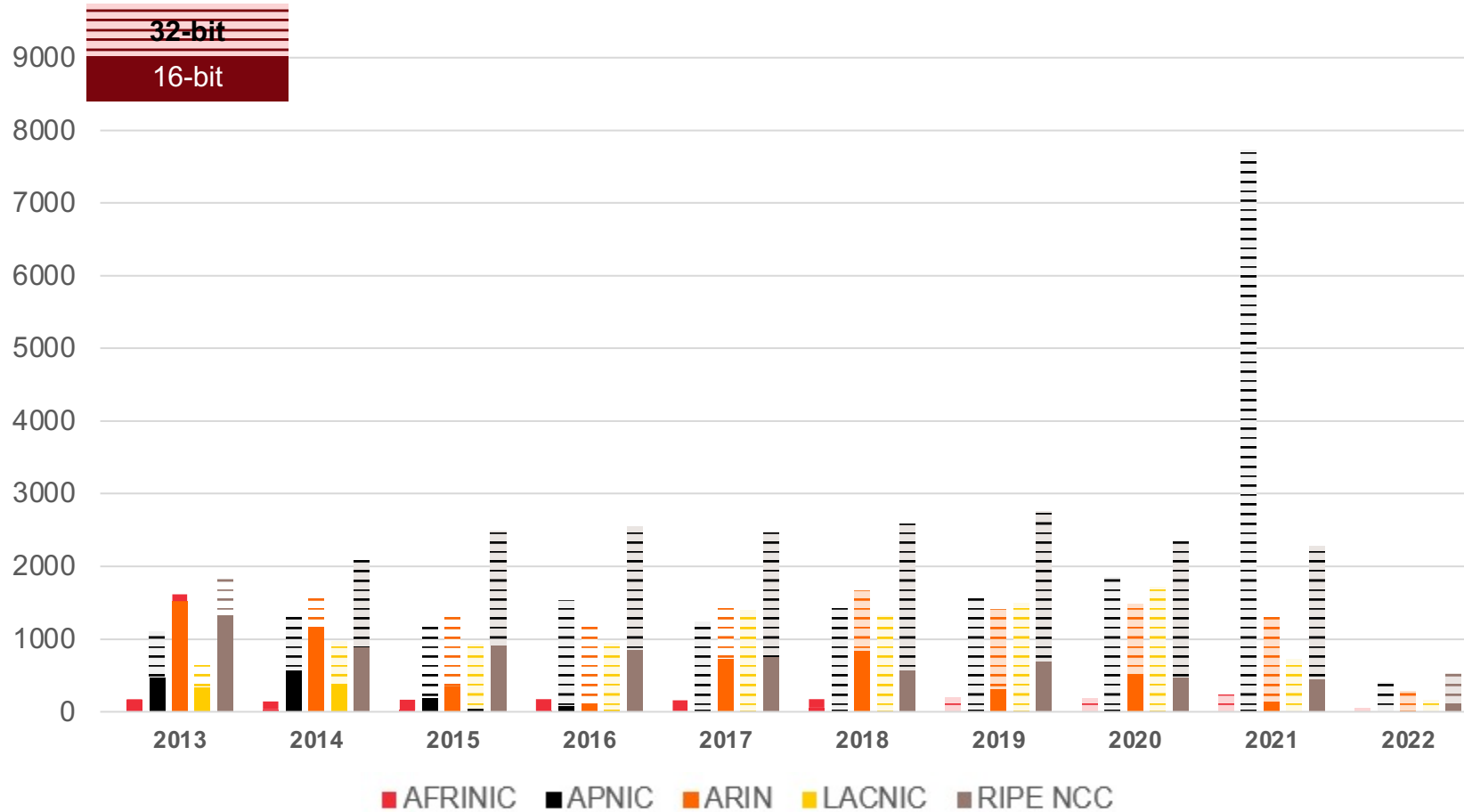
AS Numbers

All ASNs

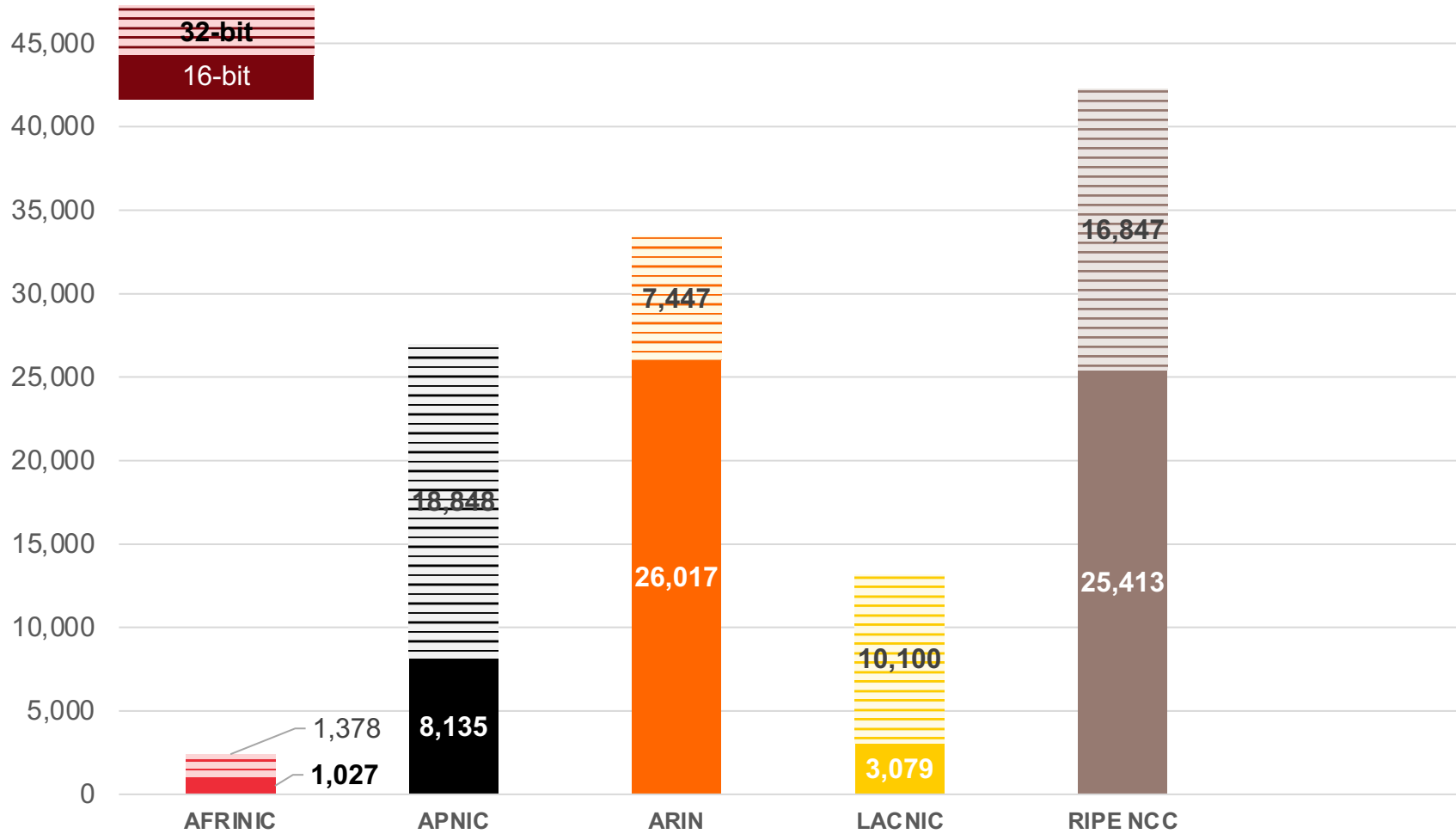


ASN Assignments by RIRs

How many ASNs has each RIR issued per year?



Total ASNs Assigned by each RIR



References

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



Thank You