



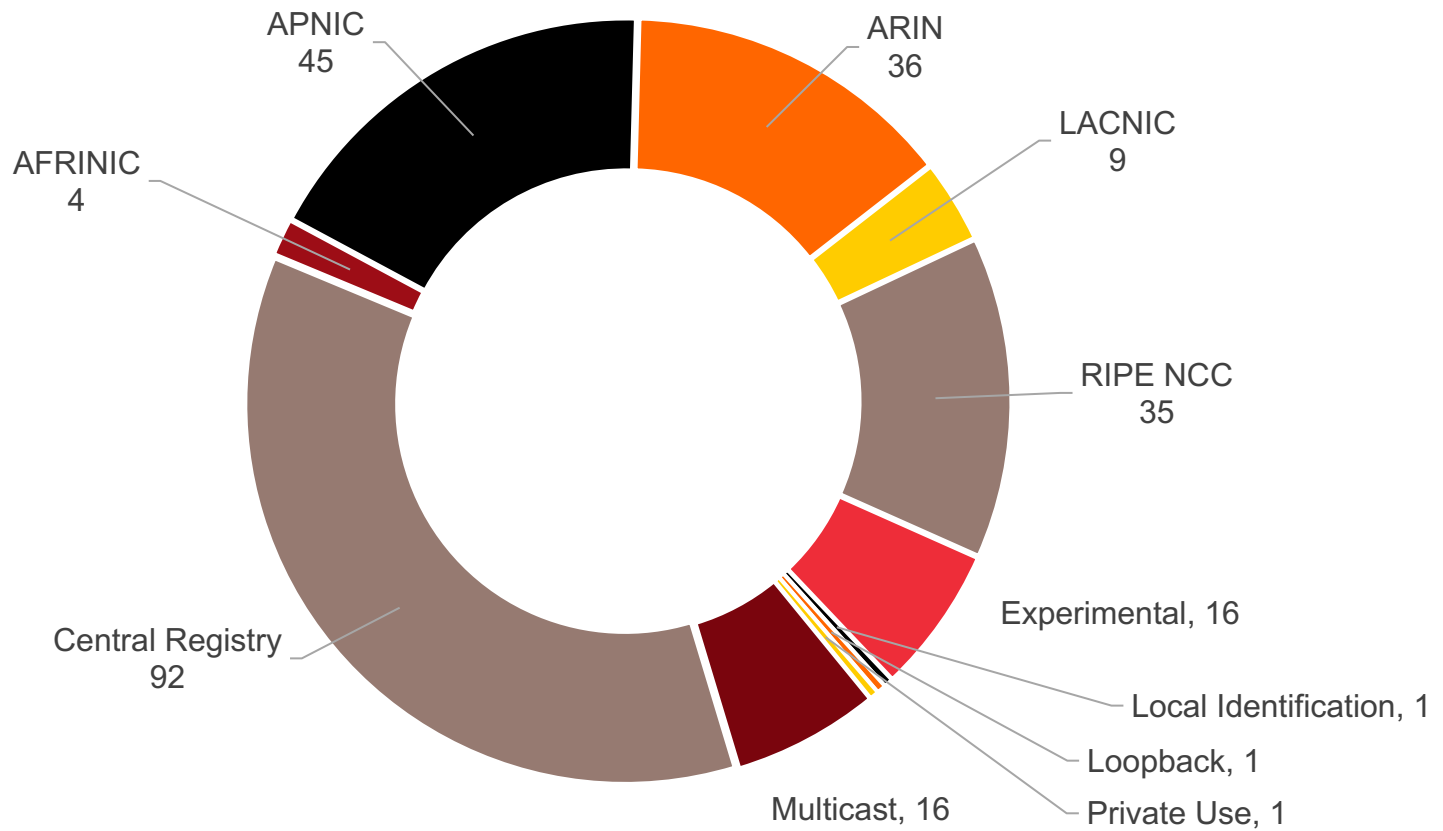
# Internet Number Resource Status Report

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

As of 31 March 2021

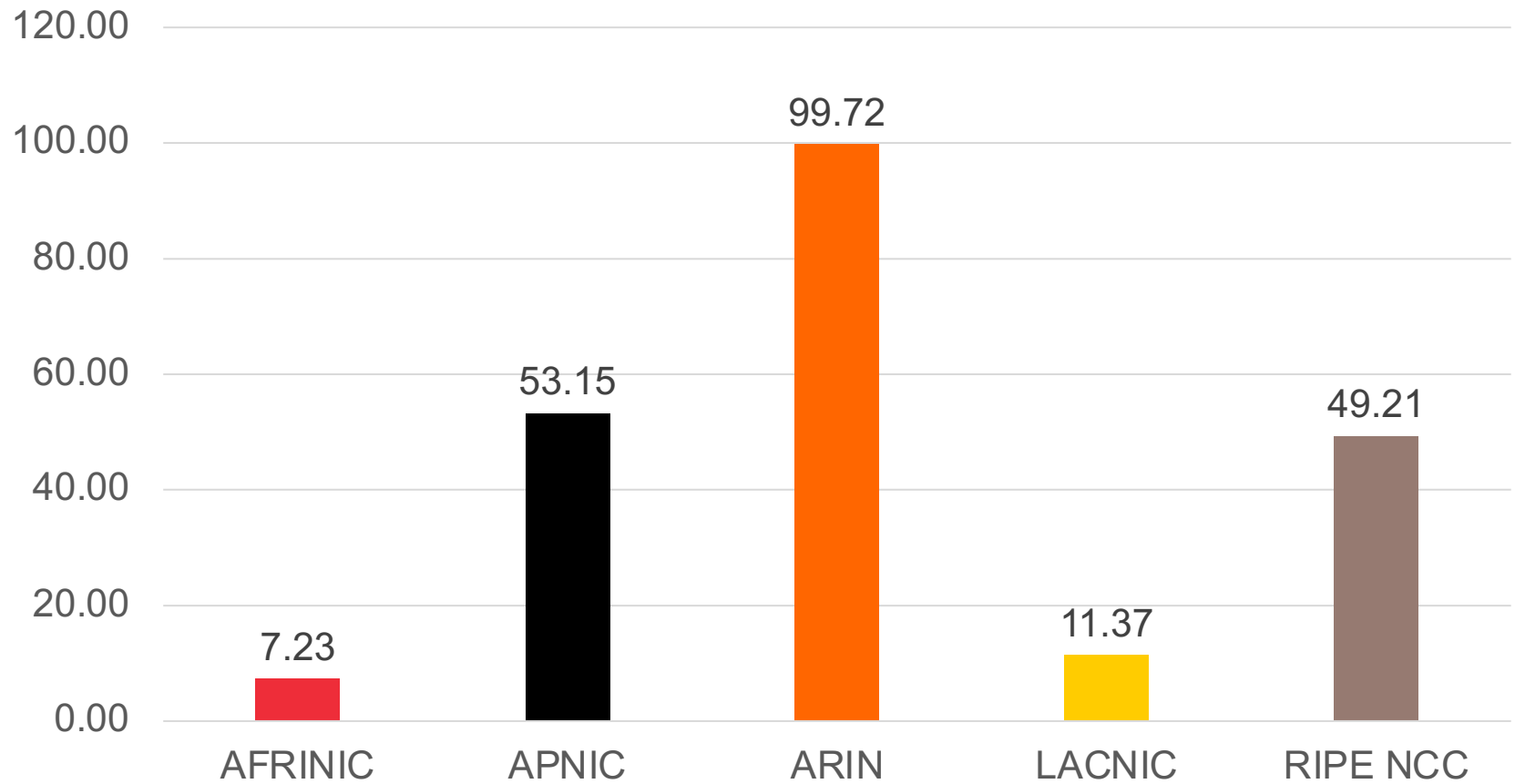
# All IPv4 Address Space

## Distribution of the 256 /8s



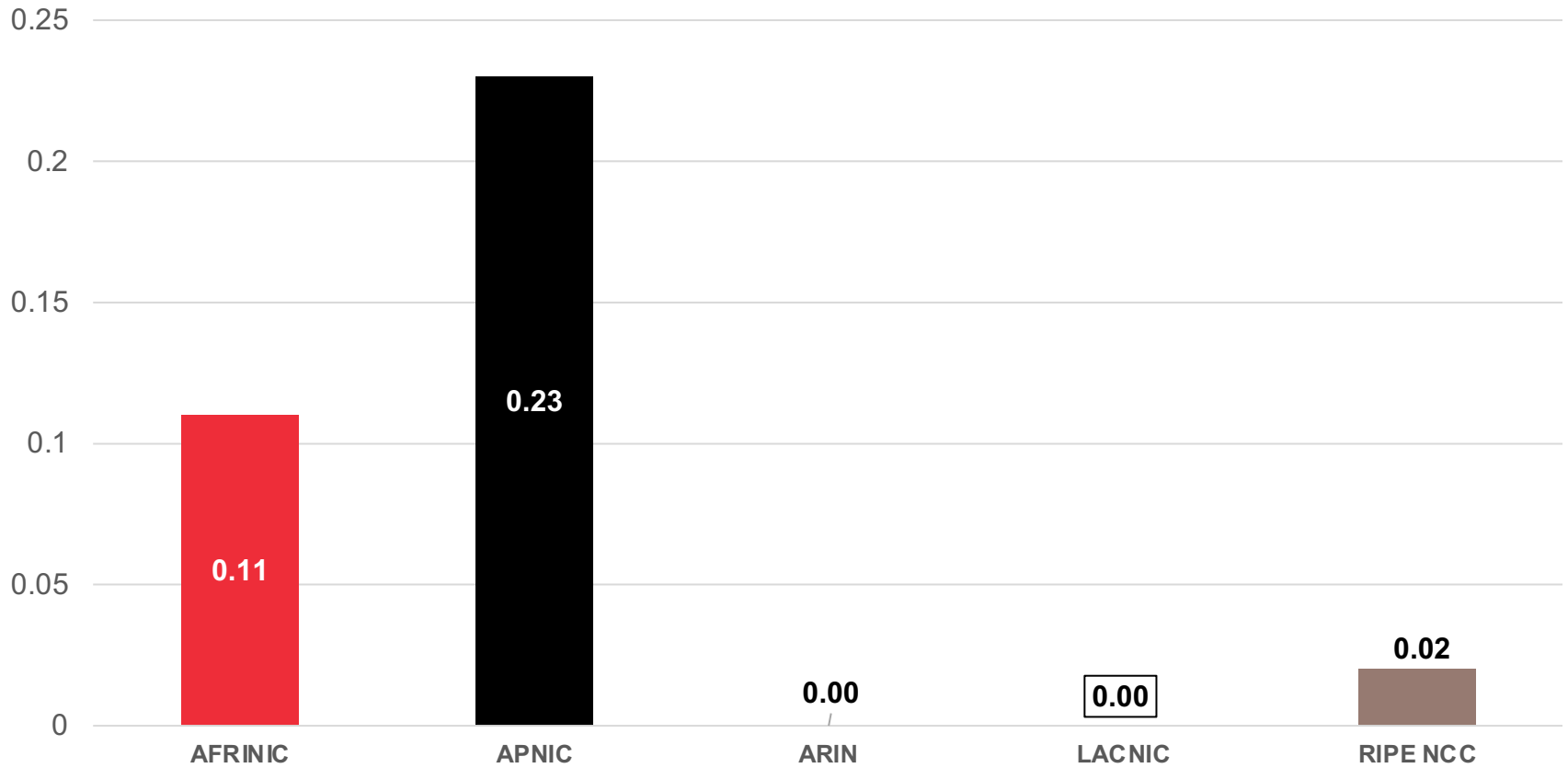
# Total IPv4 Addresses Managed by each RIR

In terms of /8s



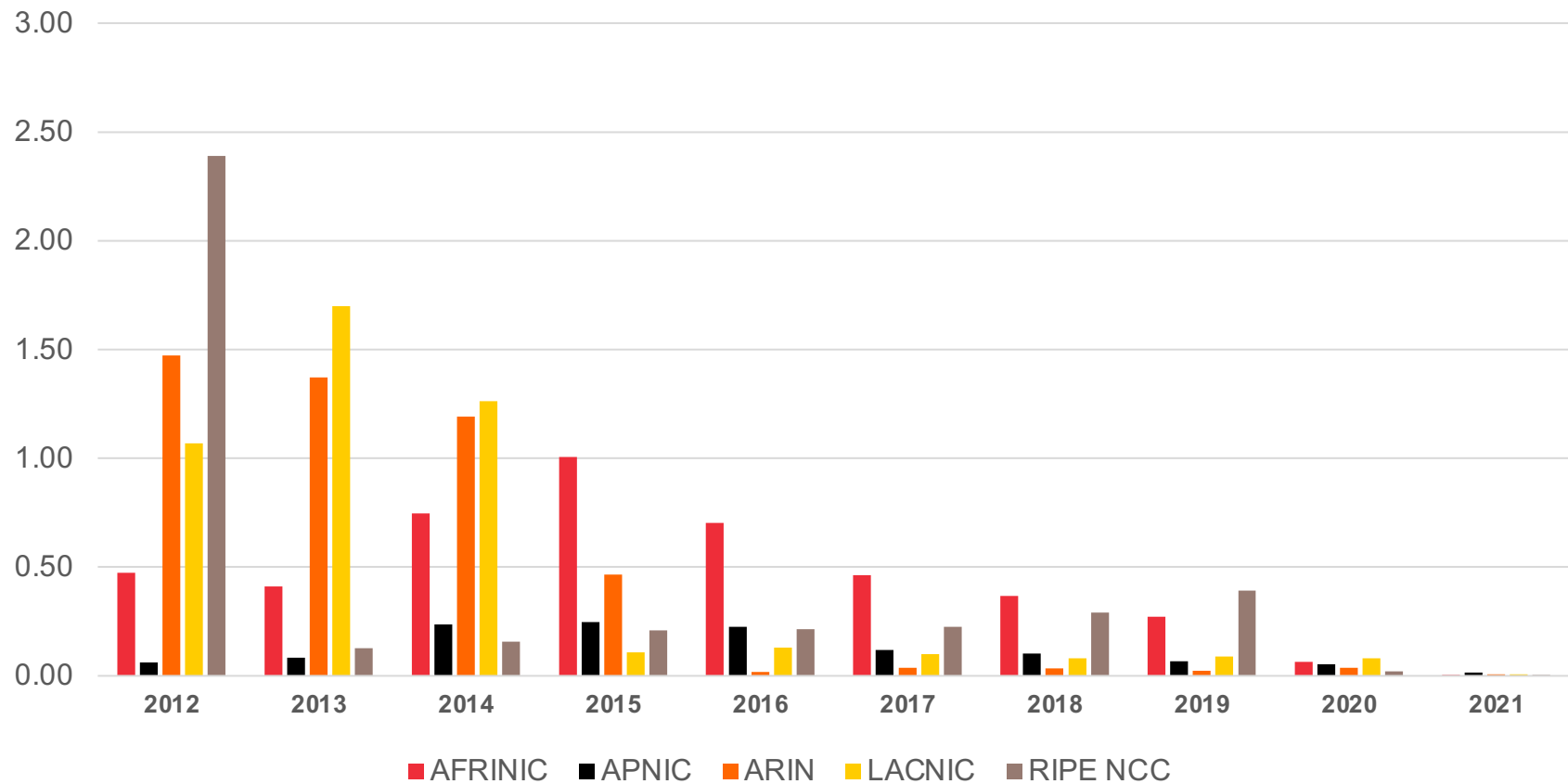
# Available IPv4 Space in each RIR

In terms of /8s



# IPv4 Space issued by RIRs

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

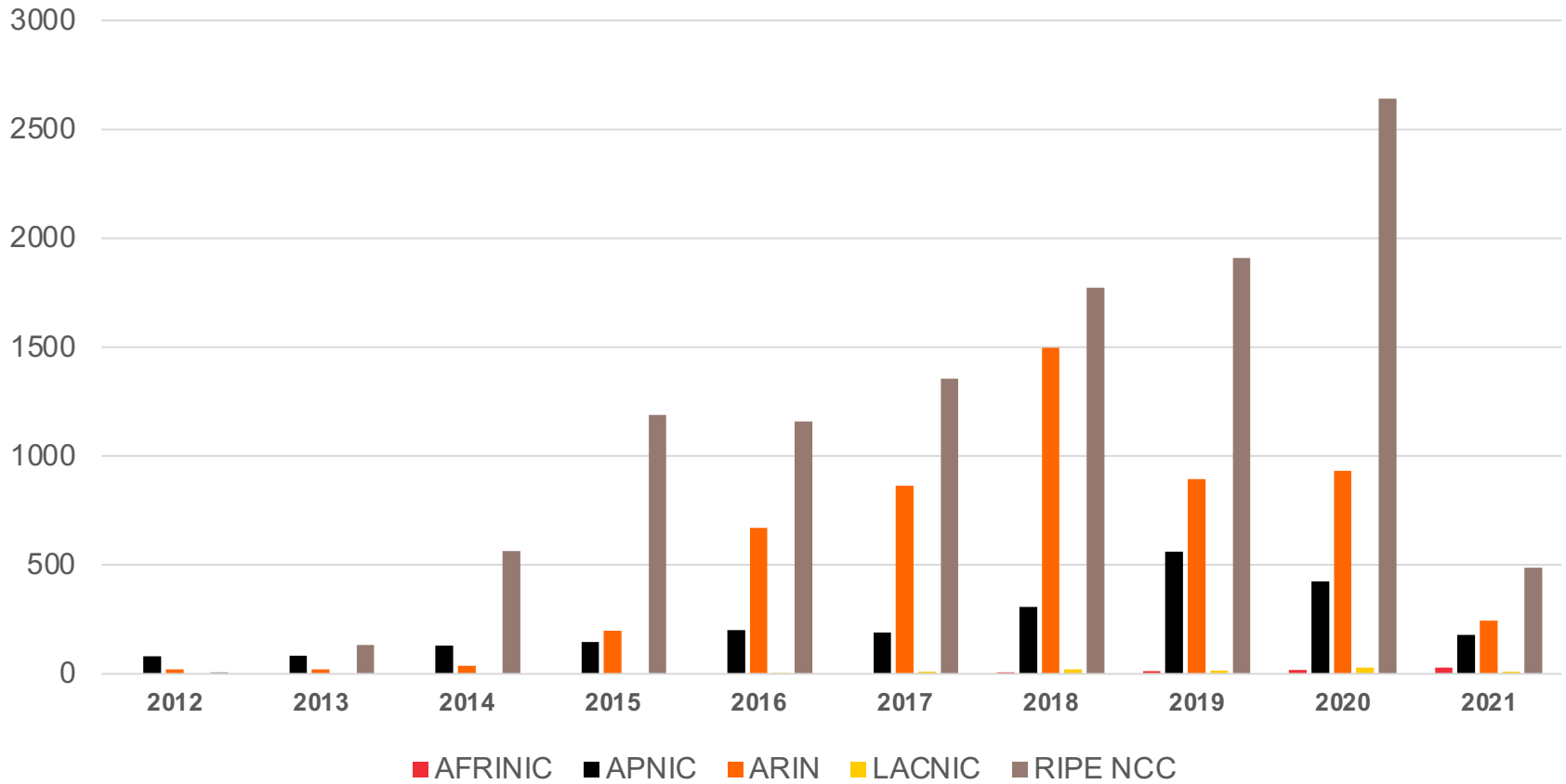


# IPv4 Transfers

(exclusive M&A)

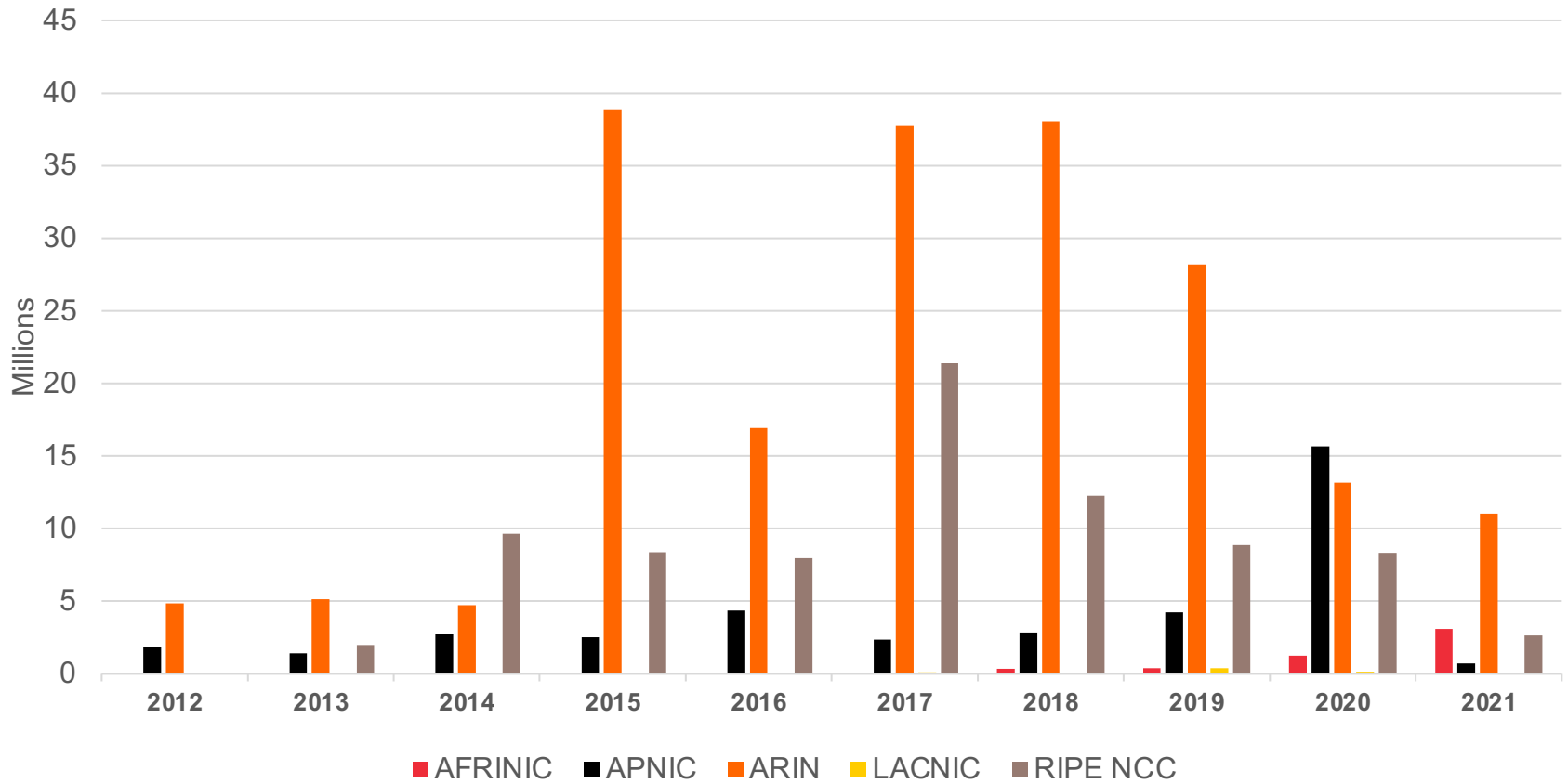
# Intra-RIR IPv4 Transfers

## Number of transfers per year



# Intra-RIR IPv4 Transfers

Number of addresses transferred by year





# Inter-RIR IPv4 Transfer

Total number of IPv4 transfers between RIRs

		IPv4 Transfers TO				
		AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
IPv4 Transfers FROM	AFRINIC		0	0	0	
	APNIC	0		56	0	94
	ARIN	0	341		1	342
	LACNIC	0	0	9		8
	RIPE NCC	0	102	124	2	

# Inter-RIR IPv4 Transfer

Total number of IPv4 addresses transferred between RIRs

IPv4 Addresses Transferred TO

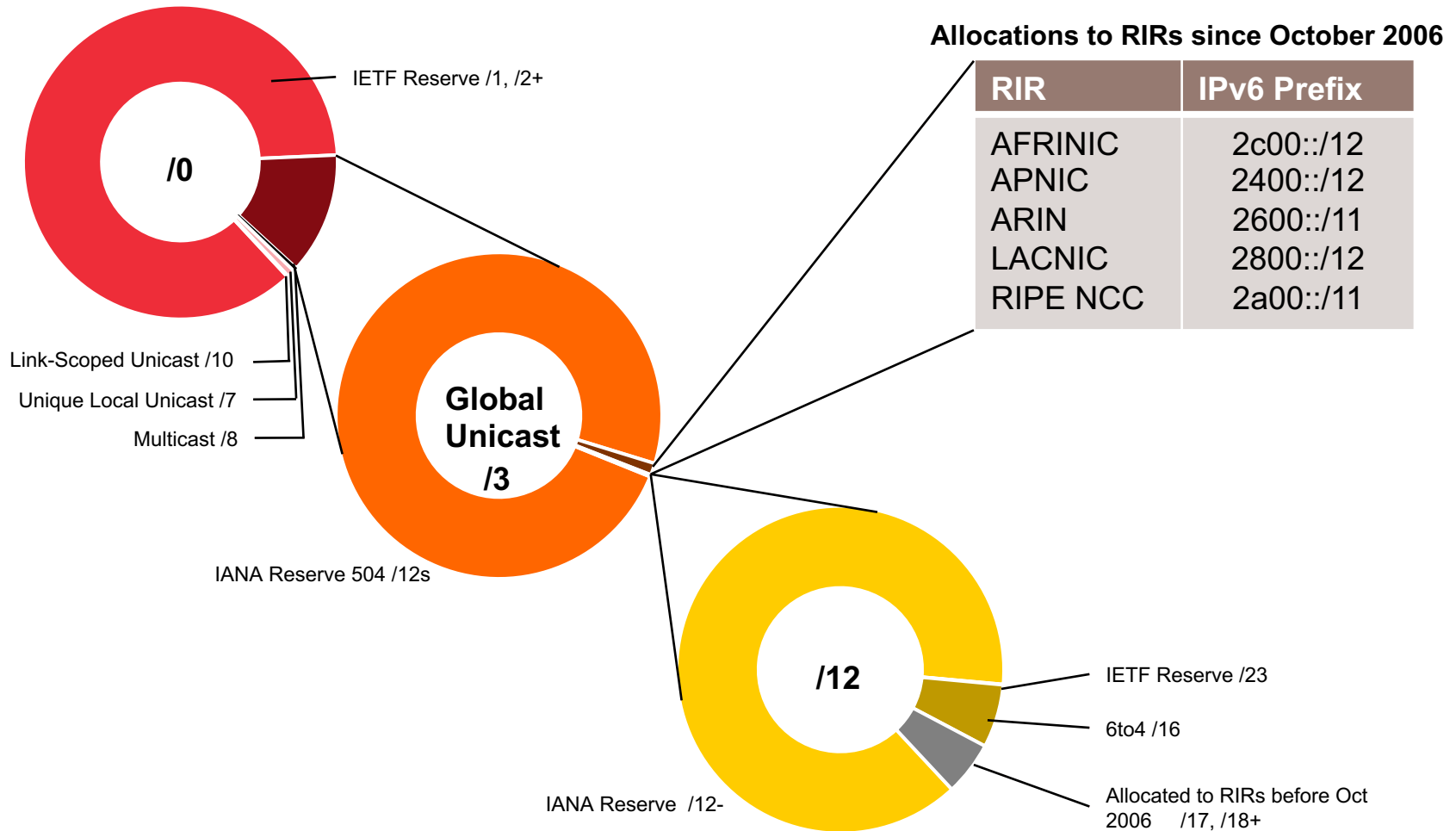
	AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
AFRINIC		0	0	0	
APNIC	0		187.65K	0	1.330M
ARIN	0	19.173M		256	9.199M
LACNIC	0	0	26.36K		19.97K
RIPE NCC	0	2.064M	750.09K	2048	



**IPv6**

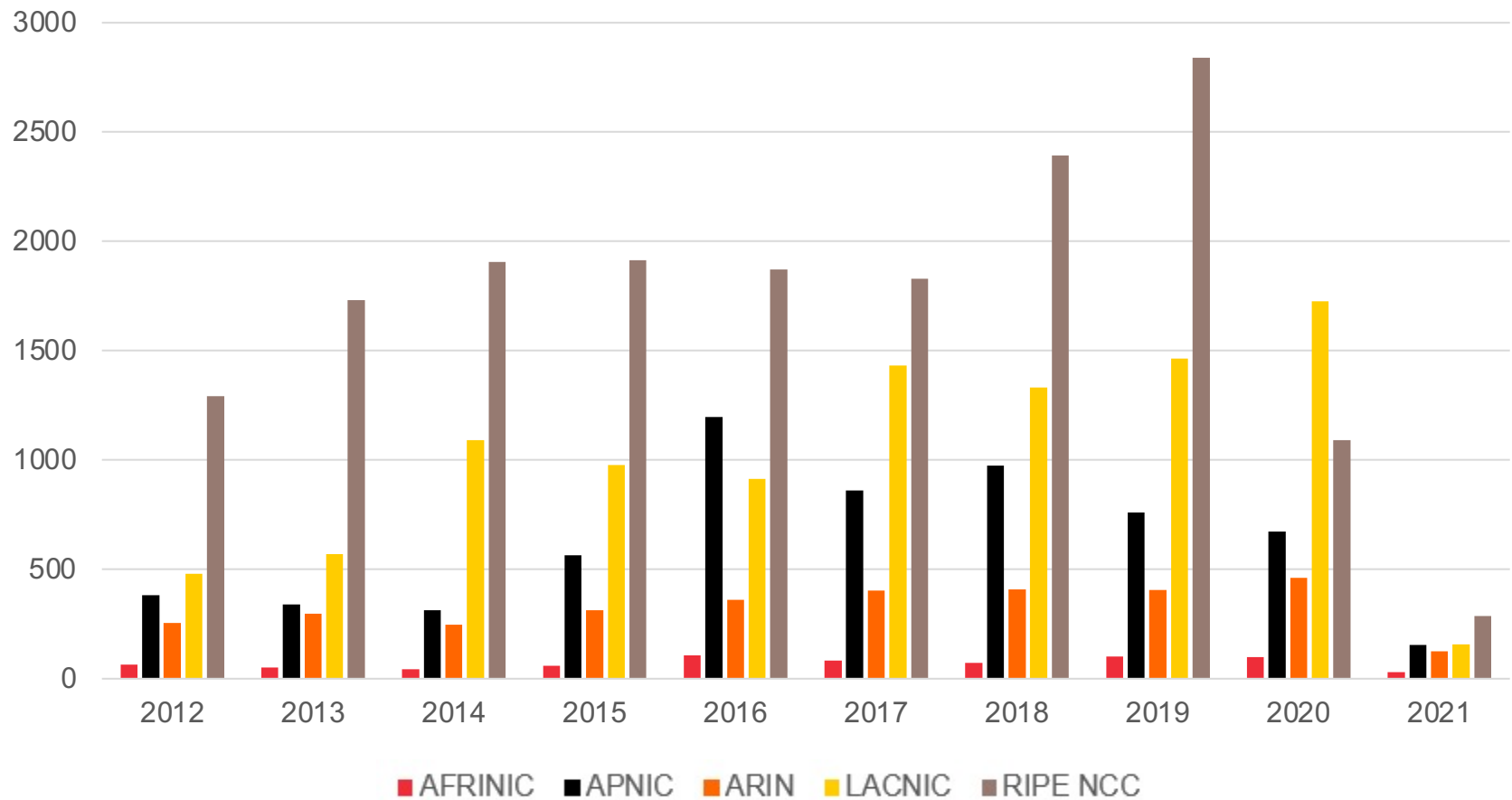
# All IPv6 Address Space

How much has been allocated to the RIRs?



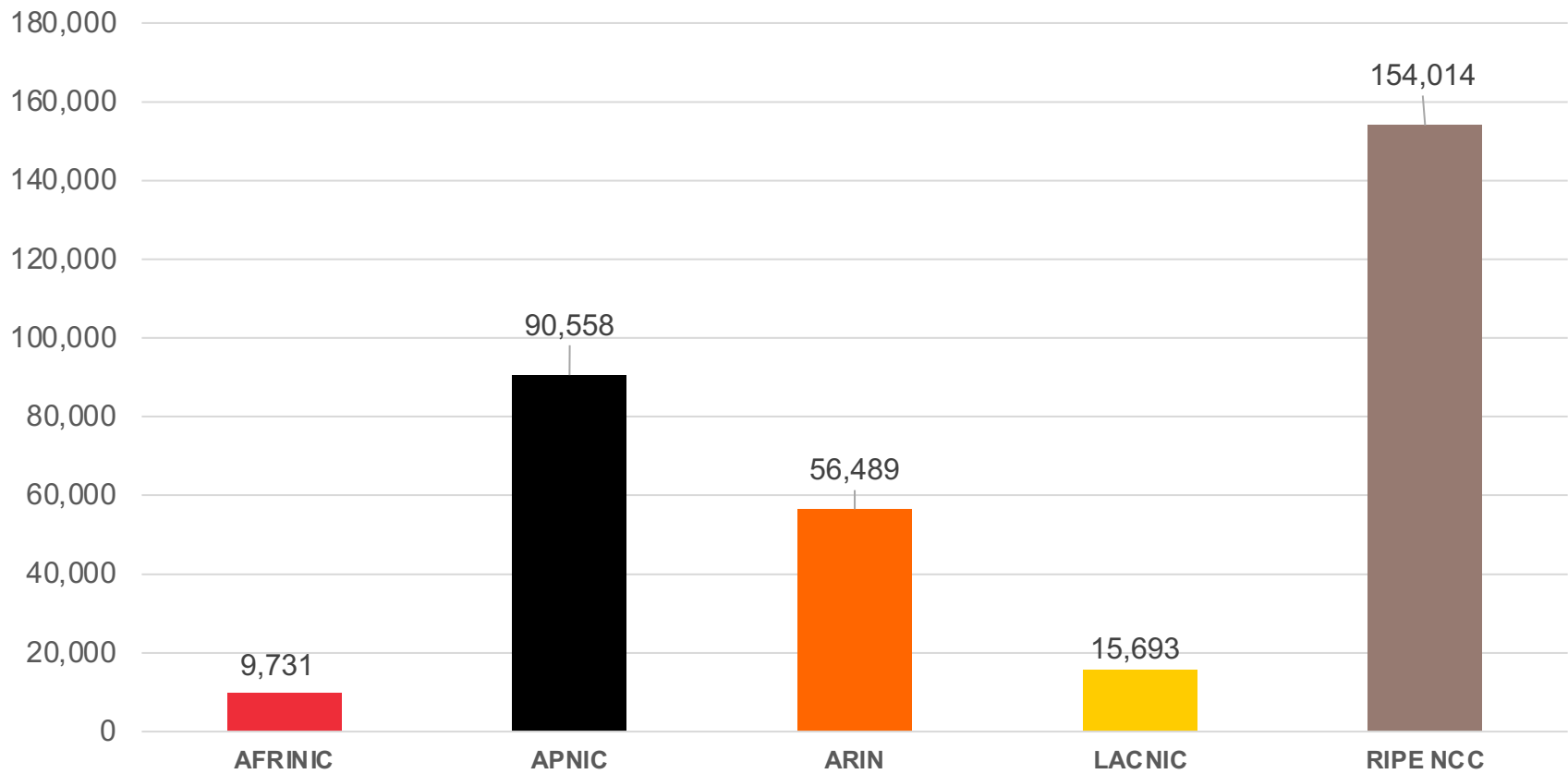
# IPv6 Allocations Issued by RIRs

How many prefixes has each RIR allocated per year?



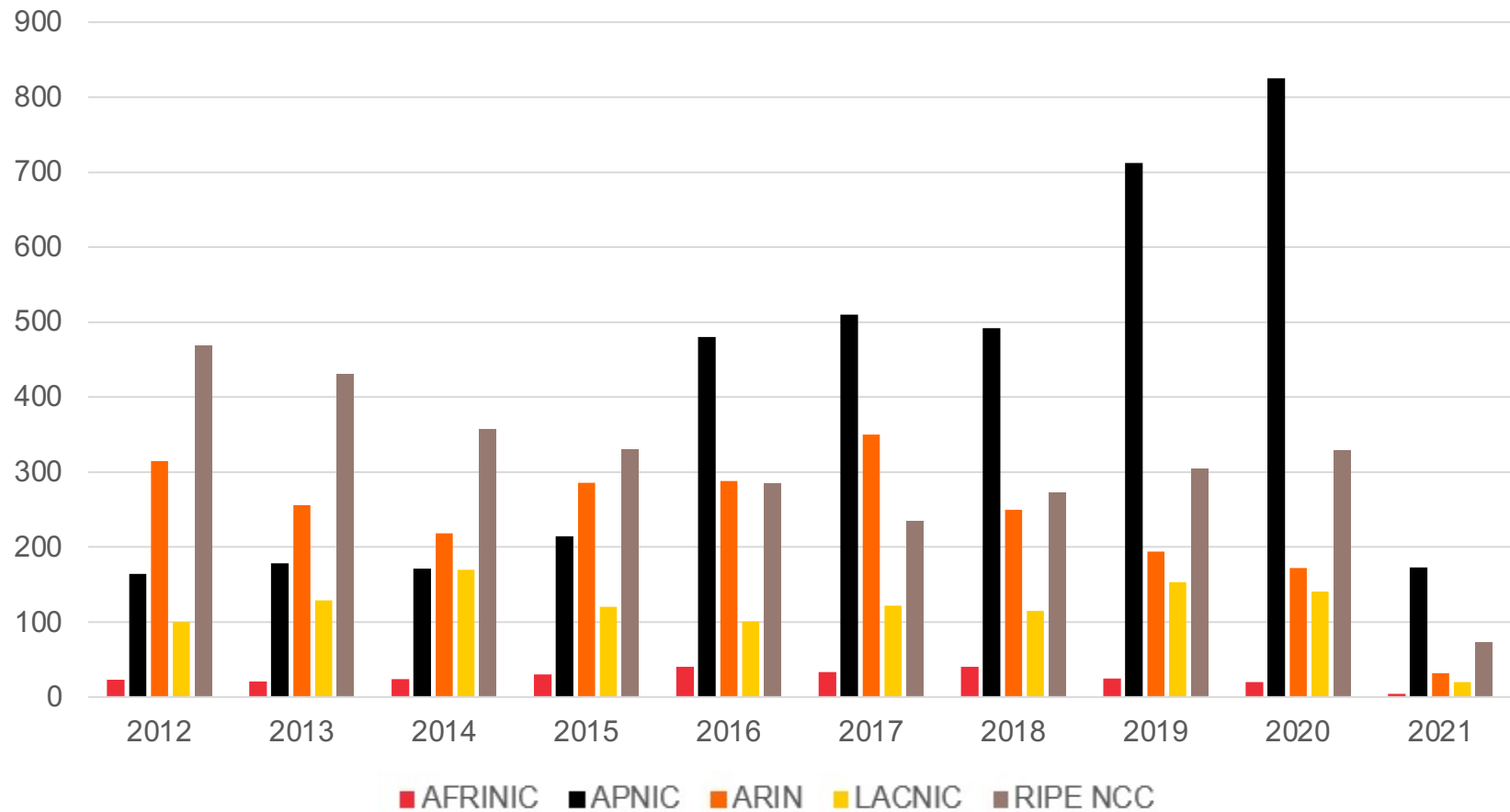
# Total Allocated IPv6 Space

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



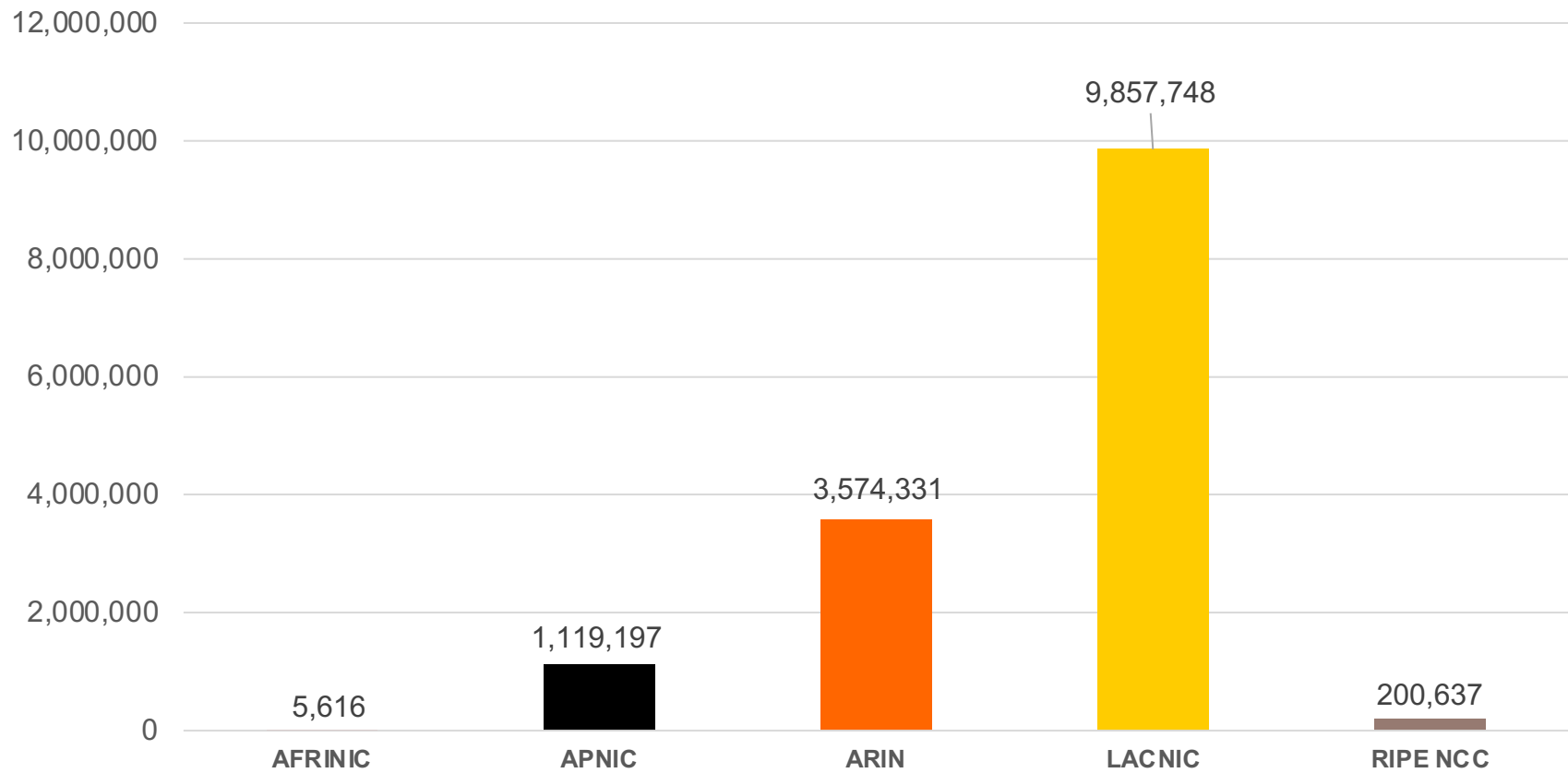
# IPv6 Assignments Issued by RIRs

How many prefixes has each RIR assigned per year?



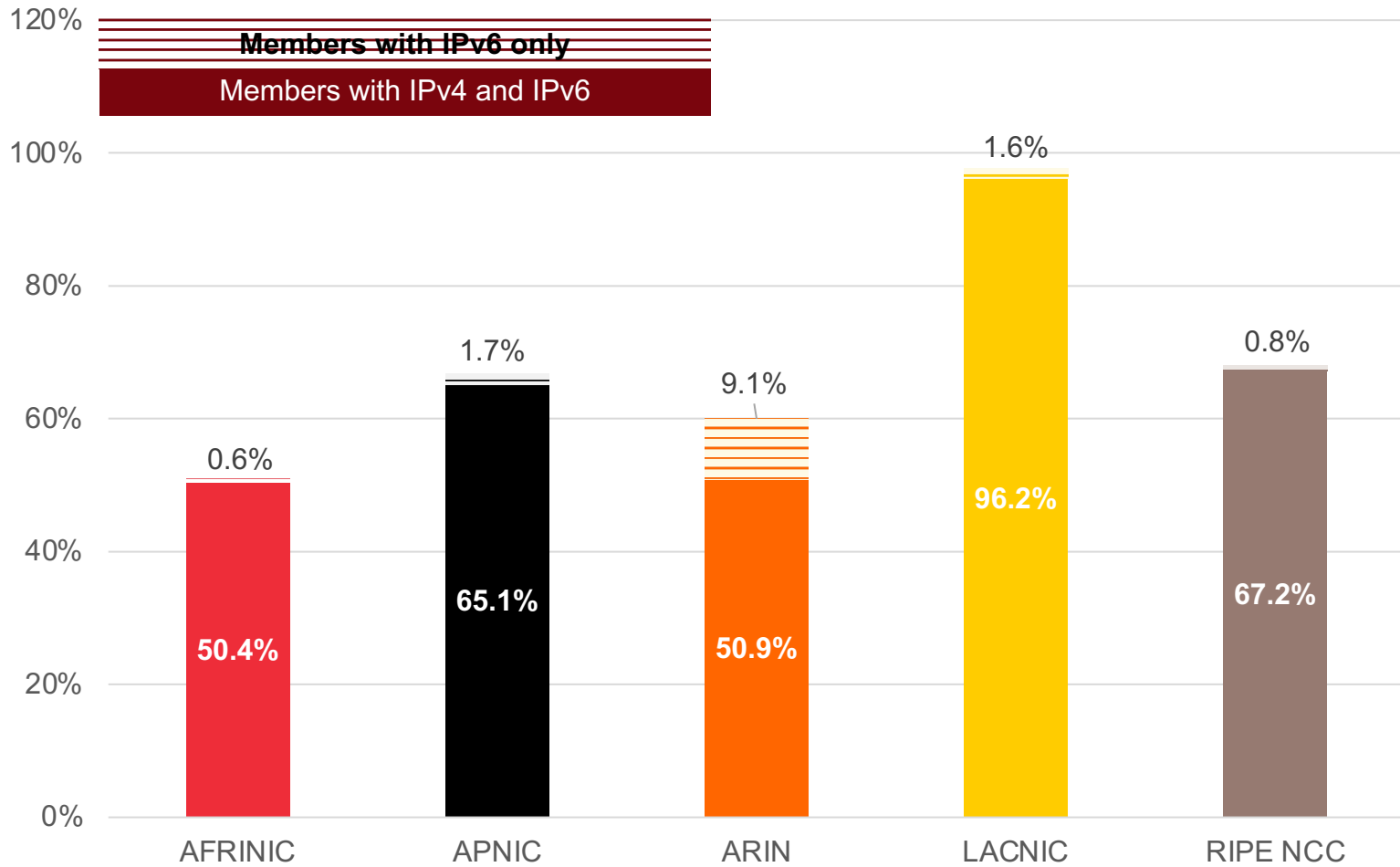
# Total Assigned IPv6 Space

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





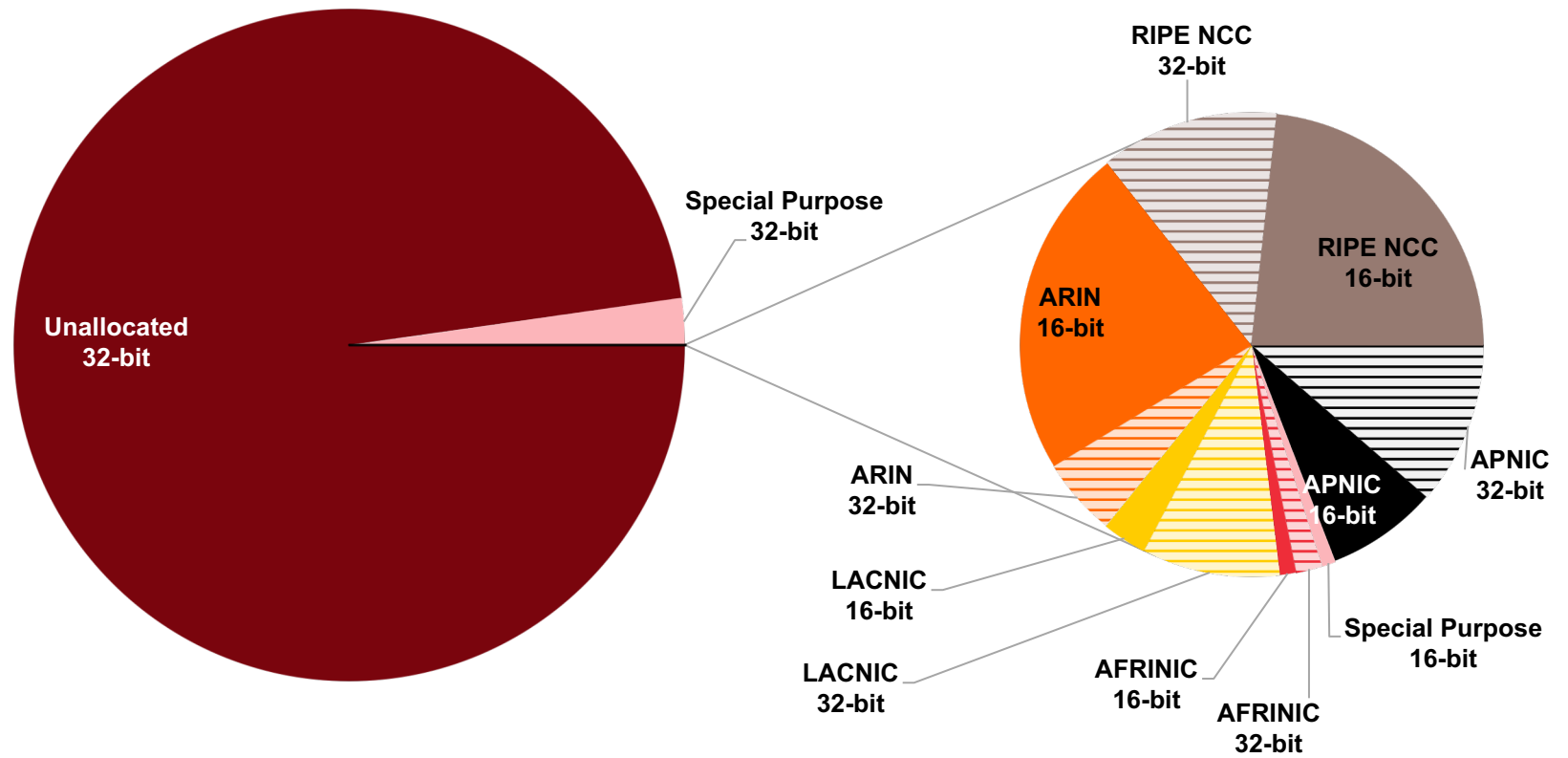
# Percentage of Members with IPv6 in each RIR



# AS Numbers

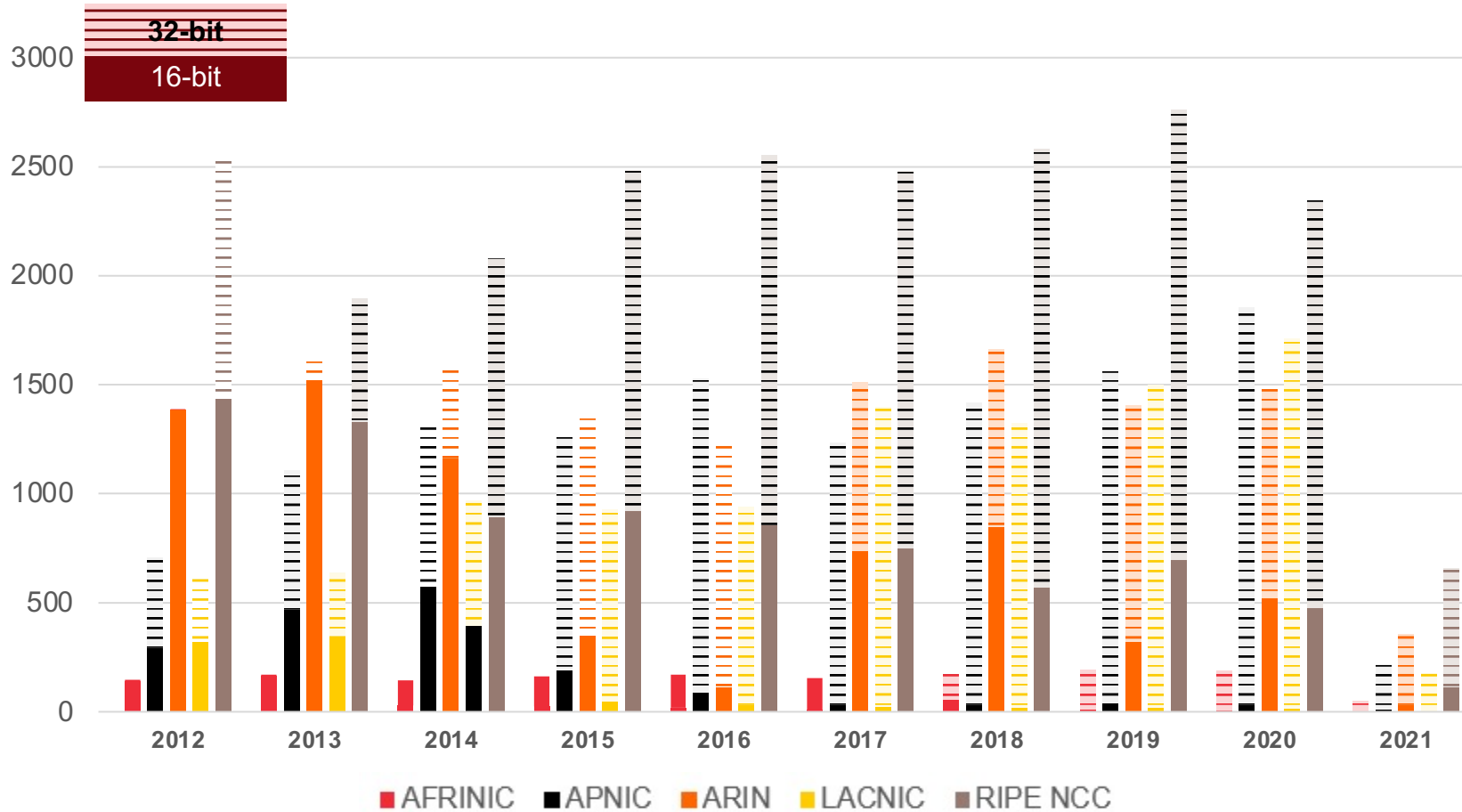
# AS Numbers

## All ASNs

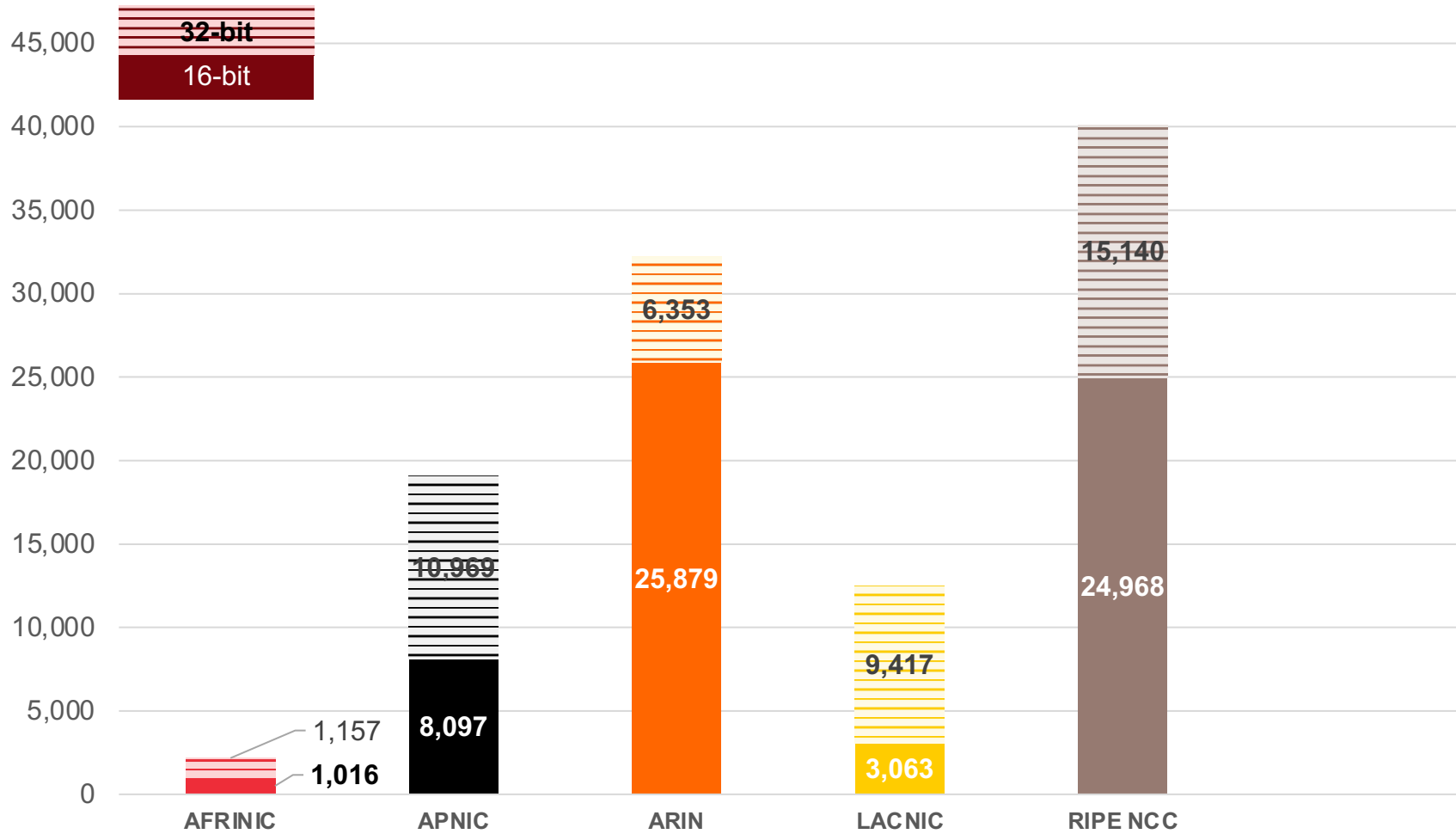


# ASN Assignments by RIRs

How many ASNs has each RIR issued per year?



# Total ASNs Assigned by each RIR



## References

- NRO Statistics  
[www.nro.net/statistics](http://www.nro.net/statistics)
- IANA Number Resources  
<https://www.iana.org/numbers>



**Thank You**