



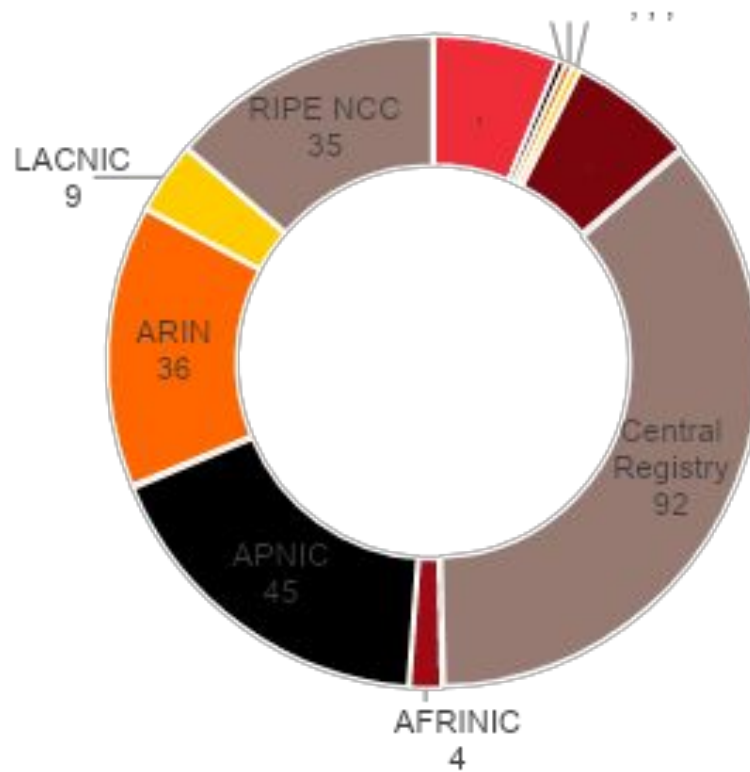
# Internet Number Resource Status Report

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

As of 31 March 2021

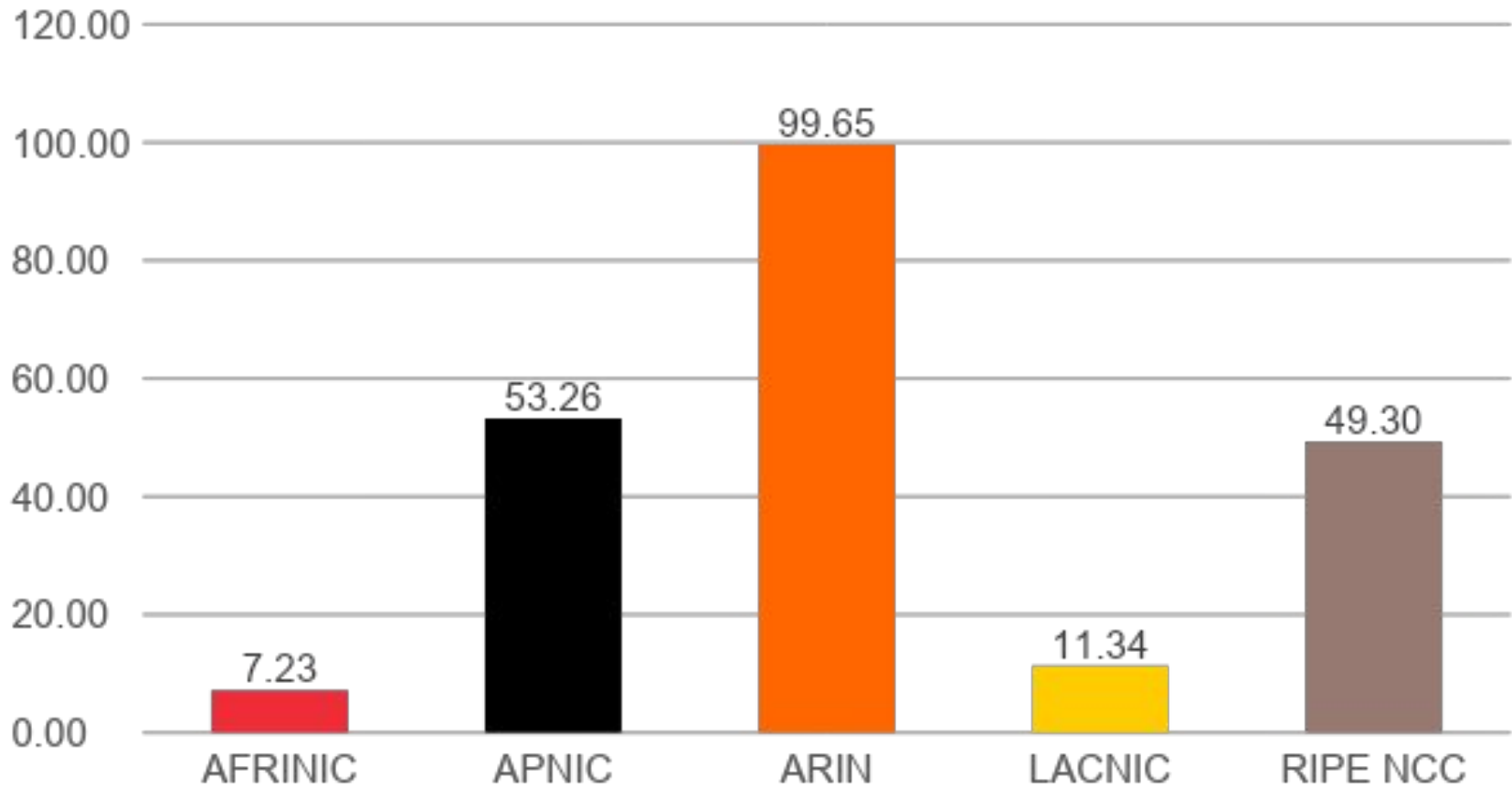
# All IPv4 Address Space

## Distribution of the 256 /8s



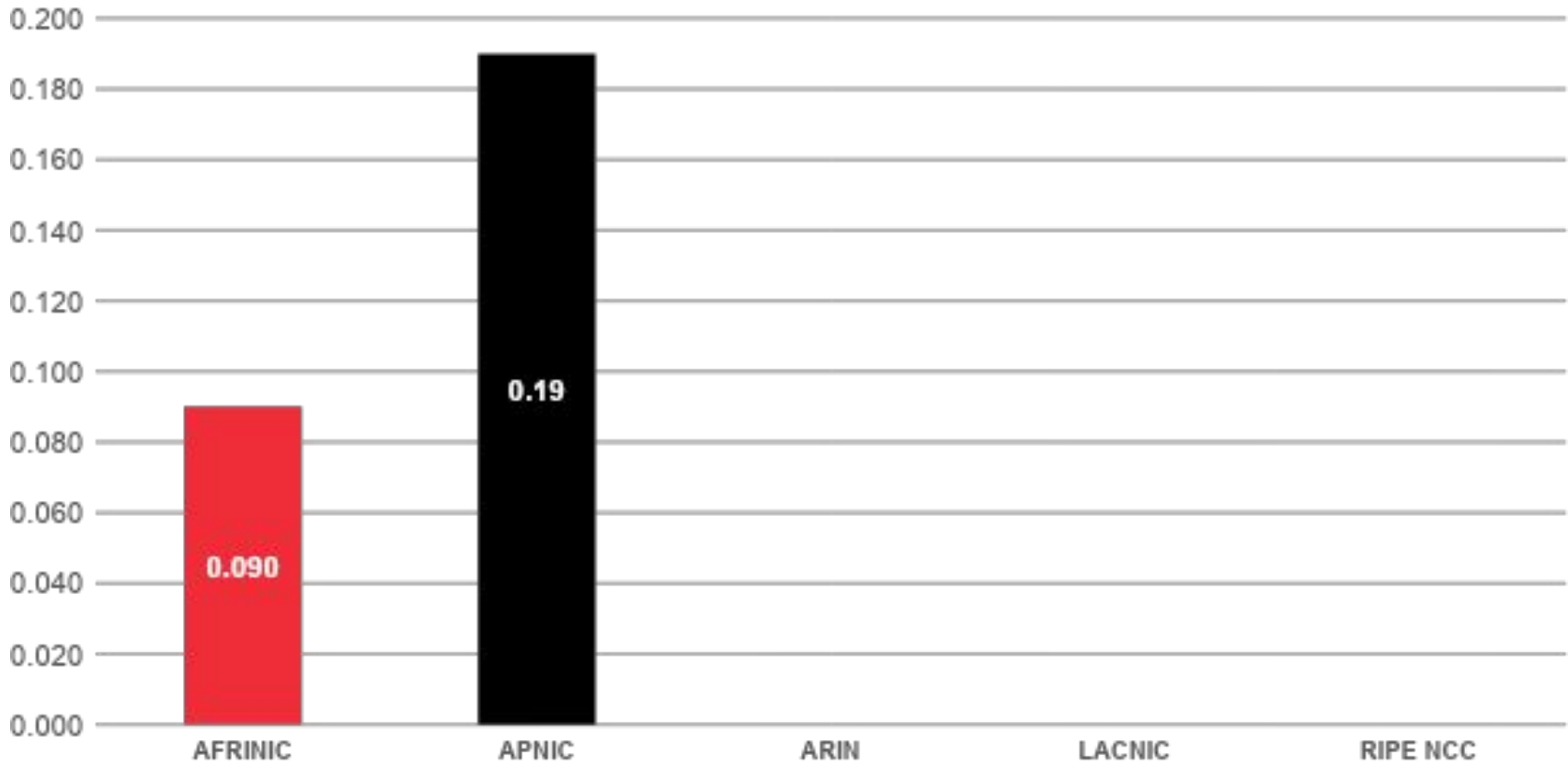
# Total IPv4 Addresses Managed by each RIR

In terms of /8s



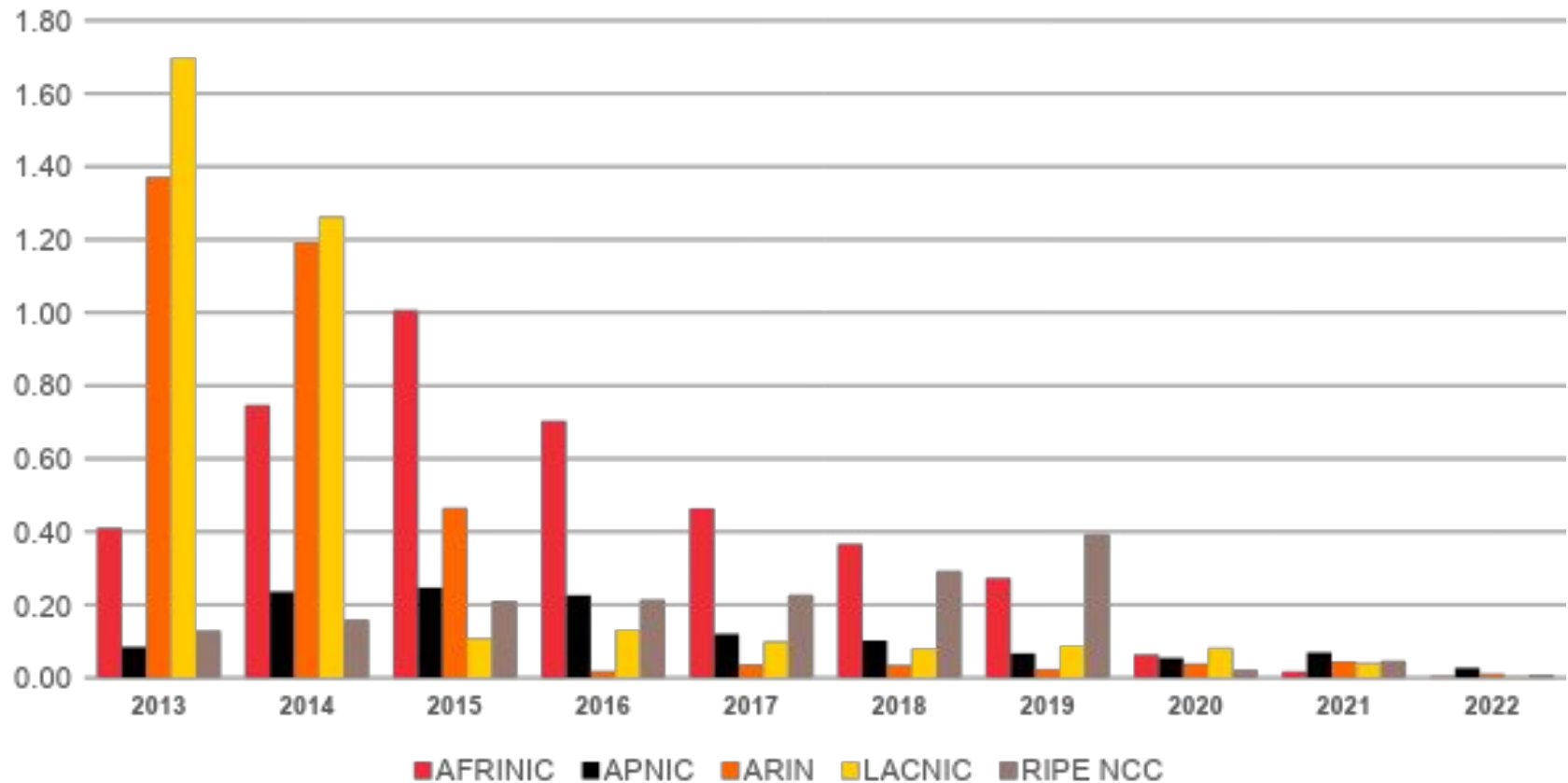
# Available IPv4 Space in each RIR

In terms of /8s



# IPv4 Space issued by RIRs

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

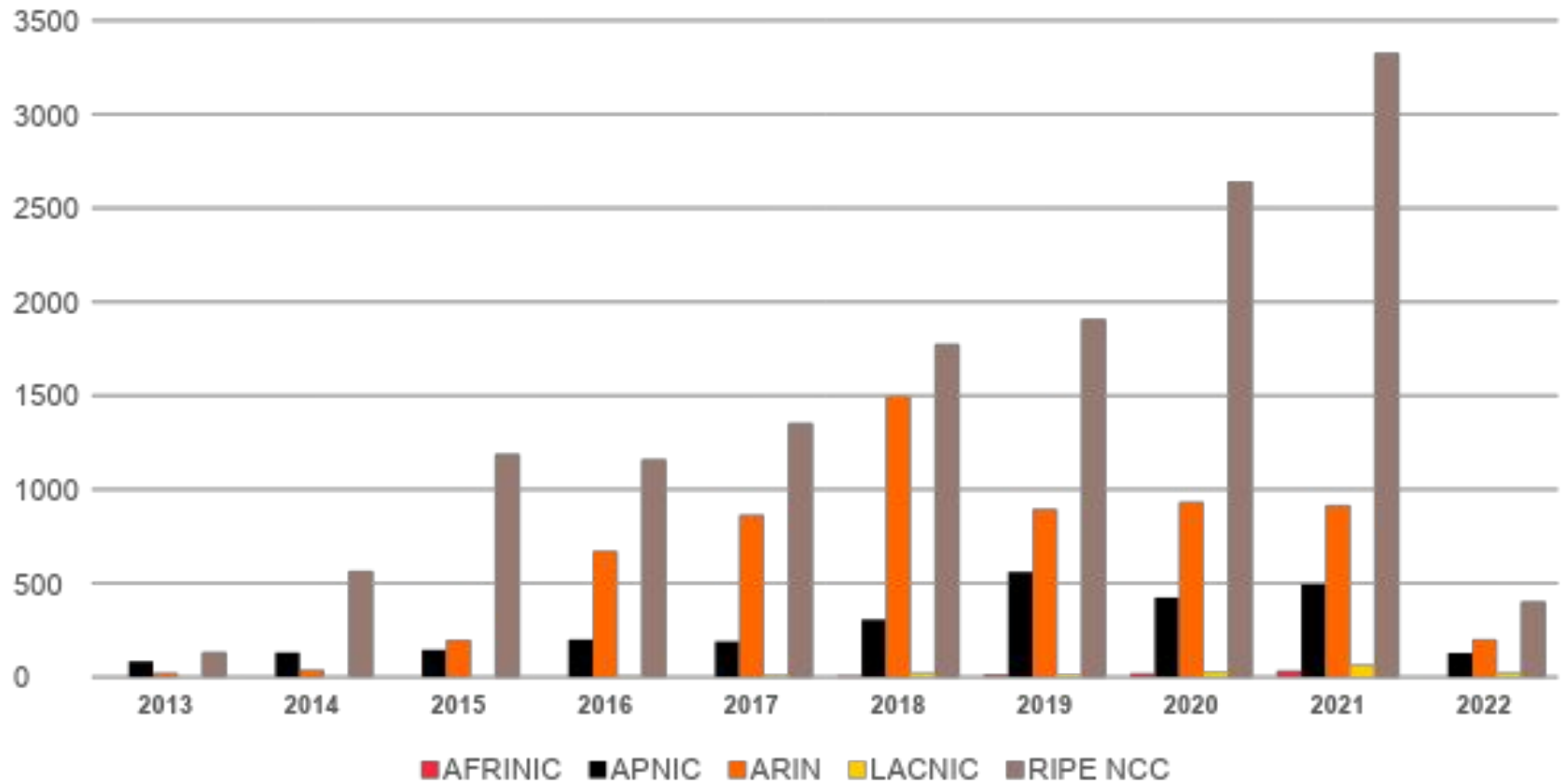


# IPv4 Transfers

(exclusive M&A)

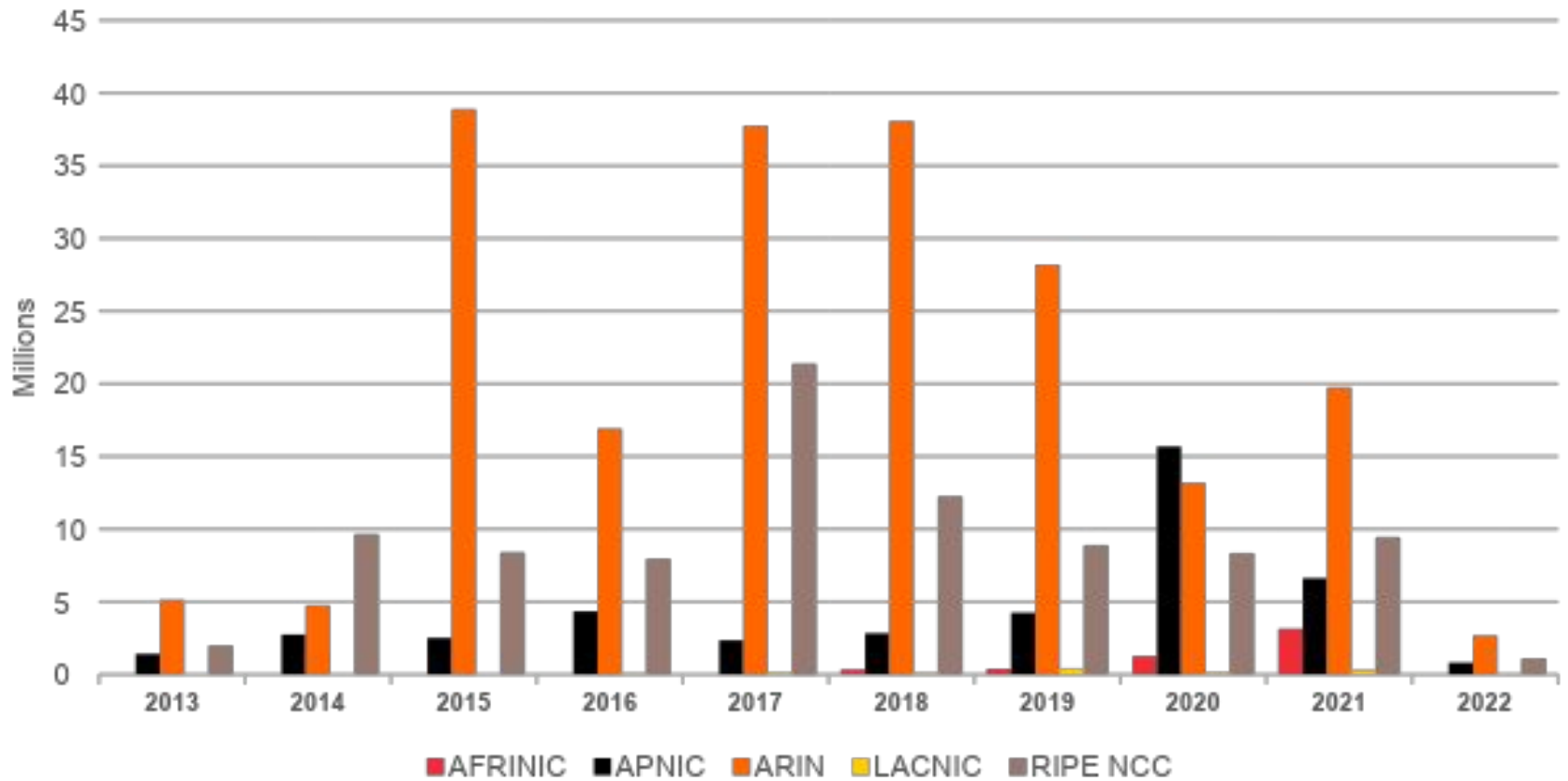
# Intra-RIR IPv4 Transfers

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

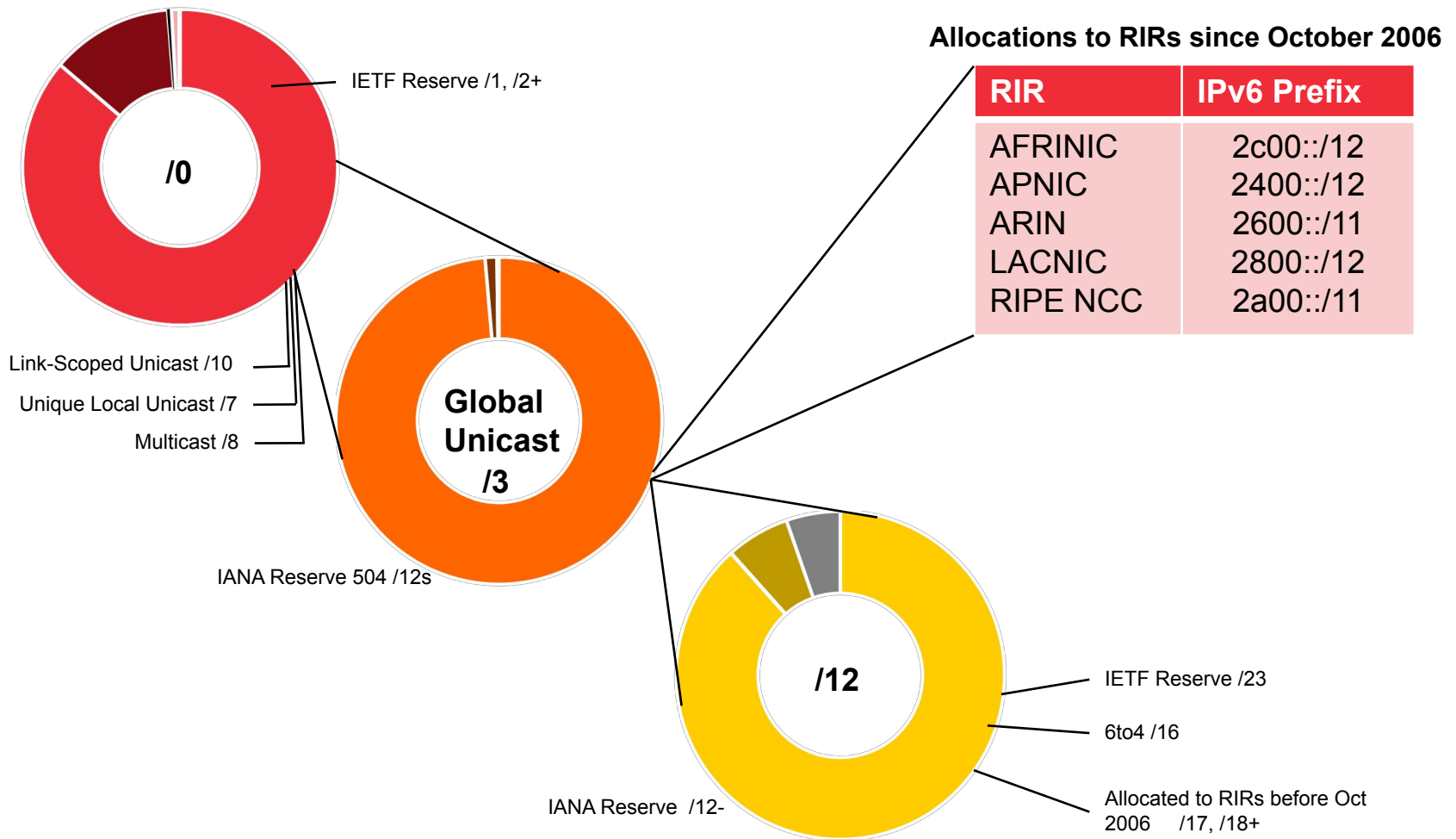
		Recipient RIR				
		AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
Source RIR	AFRINIC		0	0	0	0
	APNIC	0		.263M	0	1.531M
	ARIN	0	19.402M		.021M	10.418M
	LACNIC	0	.002M	.037M		.382M
	RIPE NCC	0	2.267M	1.197M	.004M	



**IPv6**

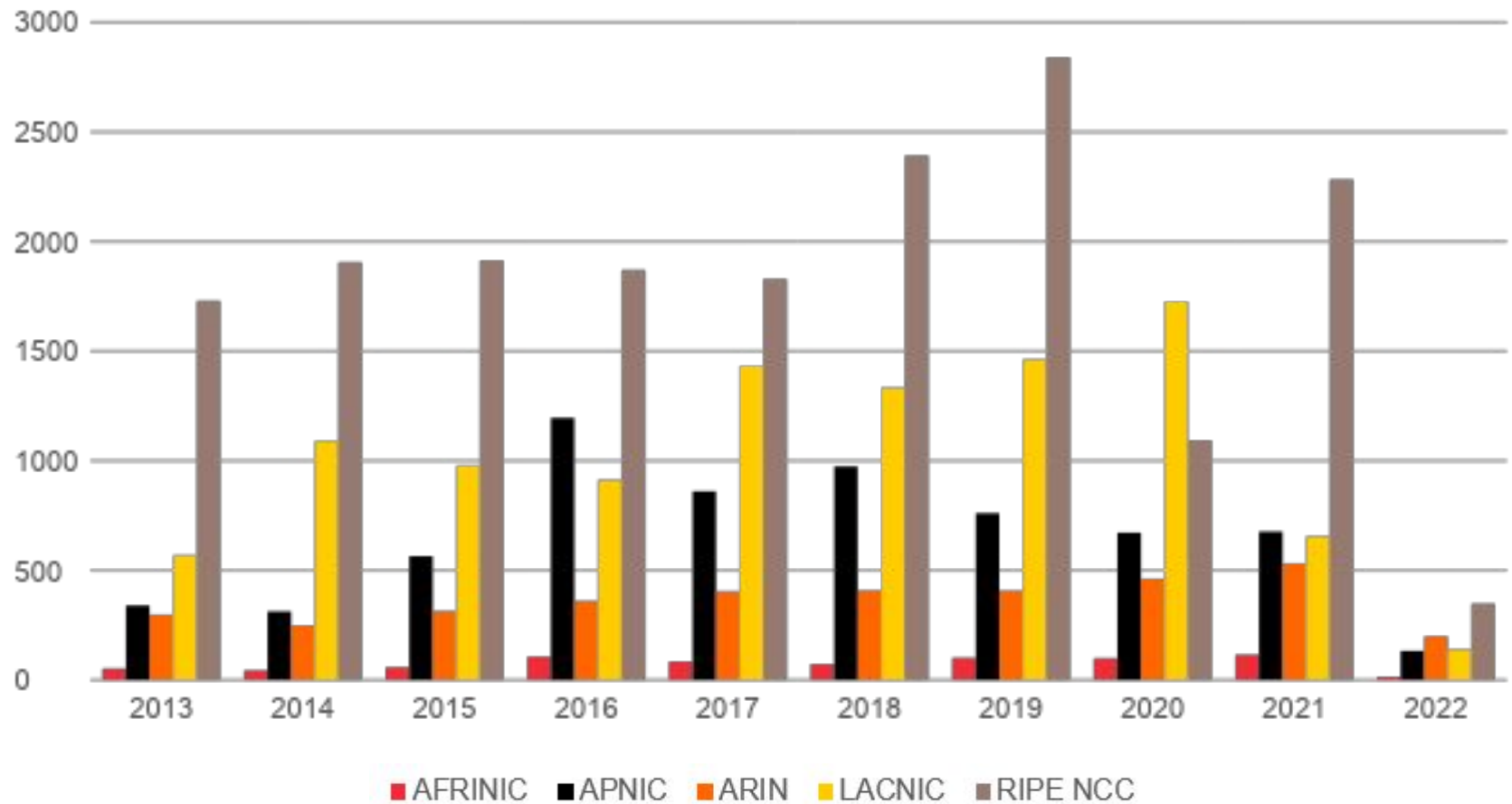
# All IPv6 Address Space

How much has been allocated to the RIRs?



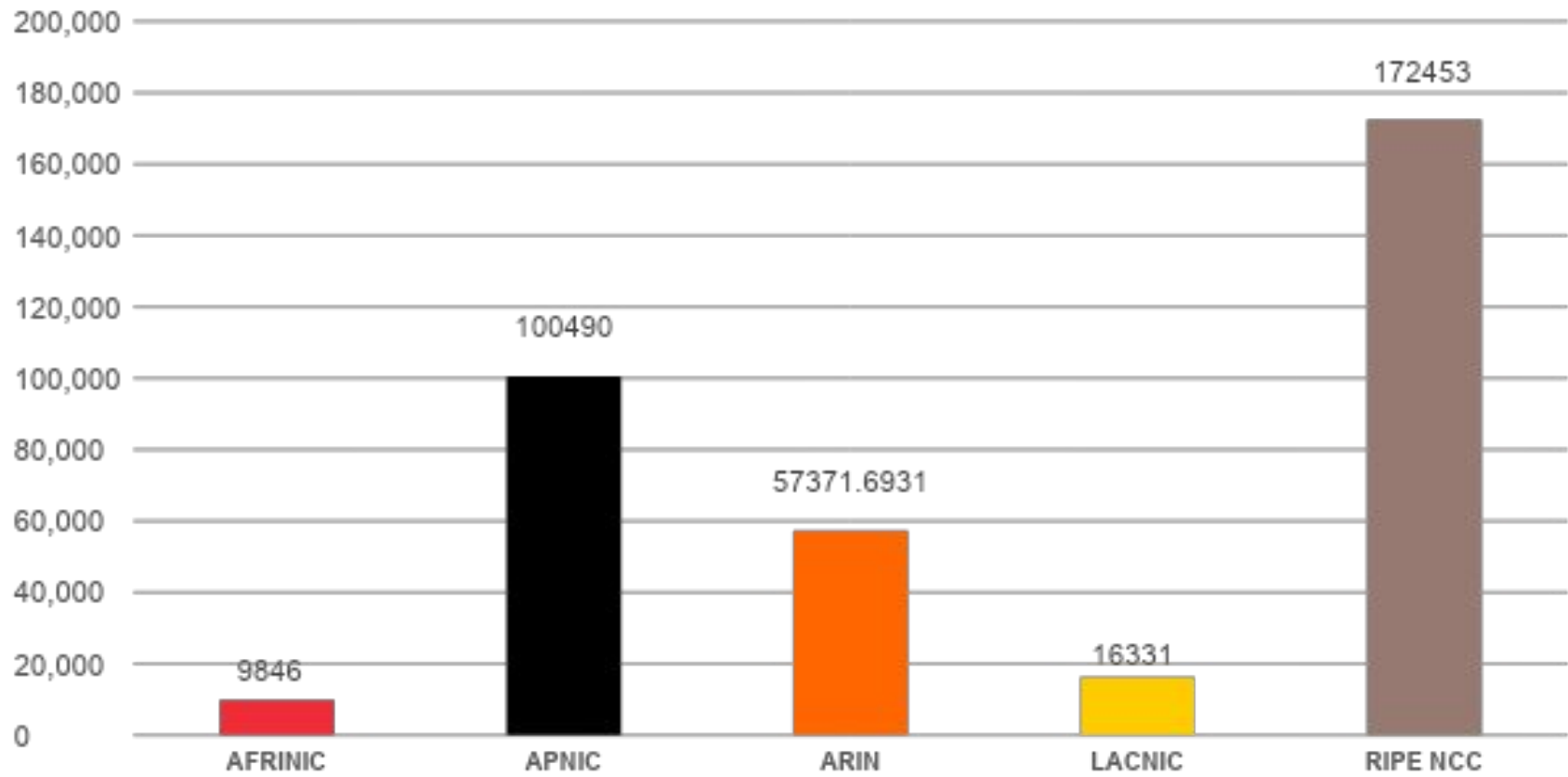
# IPv6 Allocations Issued by RIRs

How many prefixes has each RIR allocated per year?



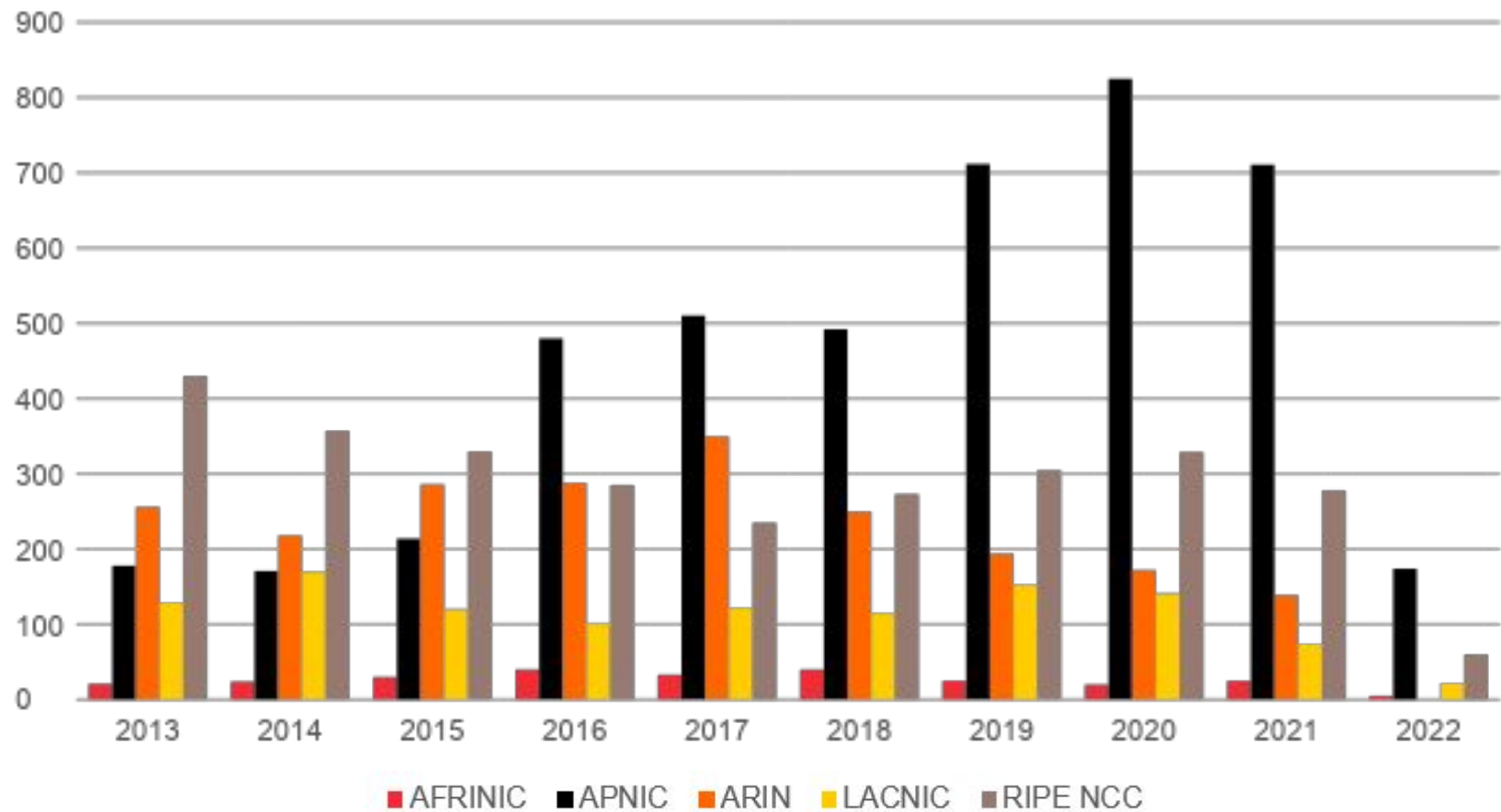
## Total Allocated IPv6 Space

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



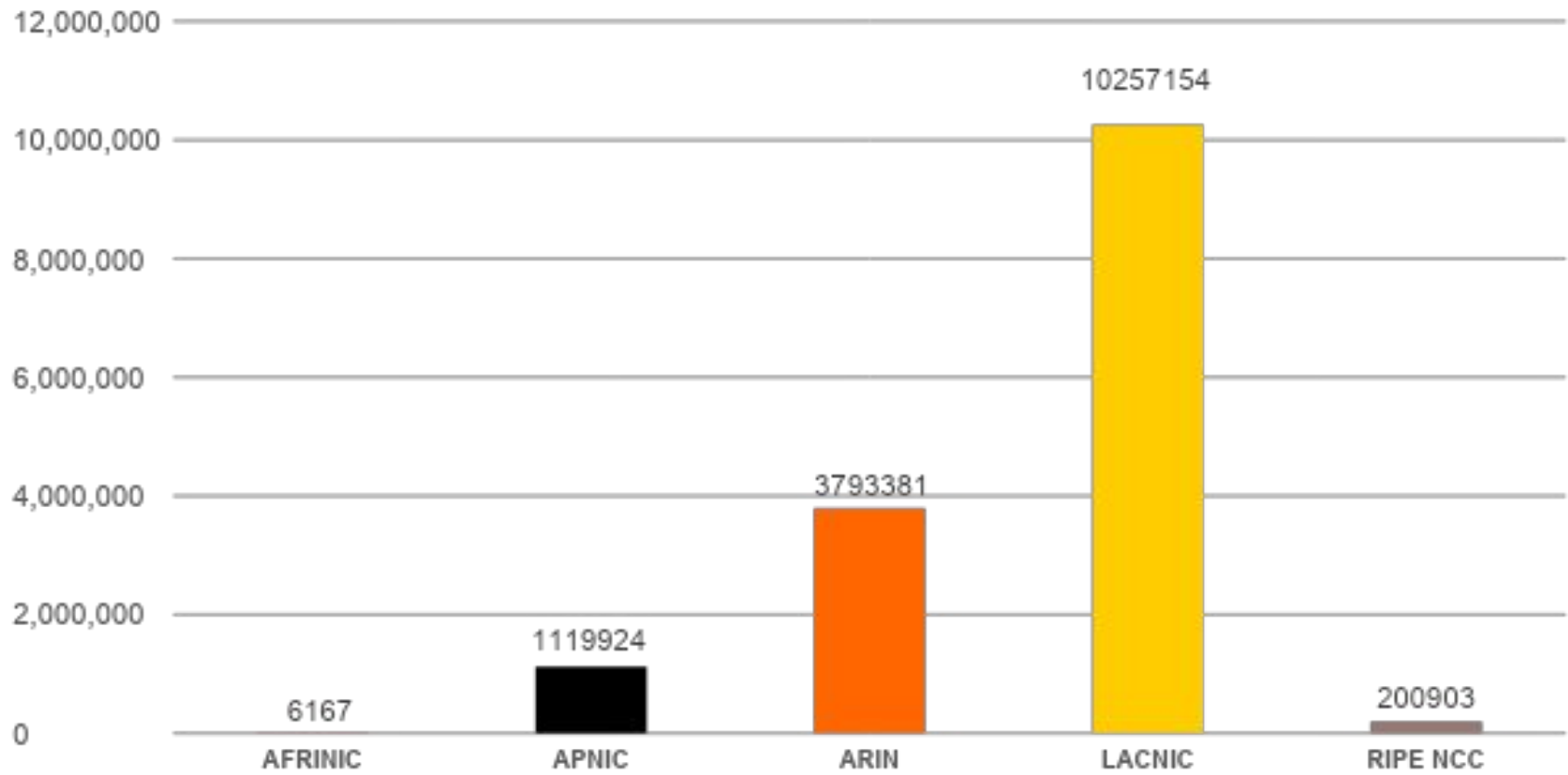
# IPv6 Assignments Issued by RIRs

How many prefixes has each RIR assigned per year?



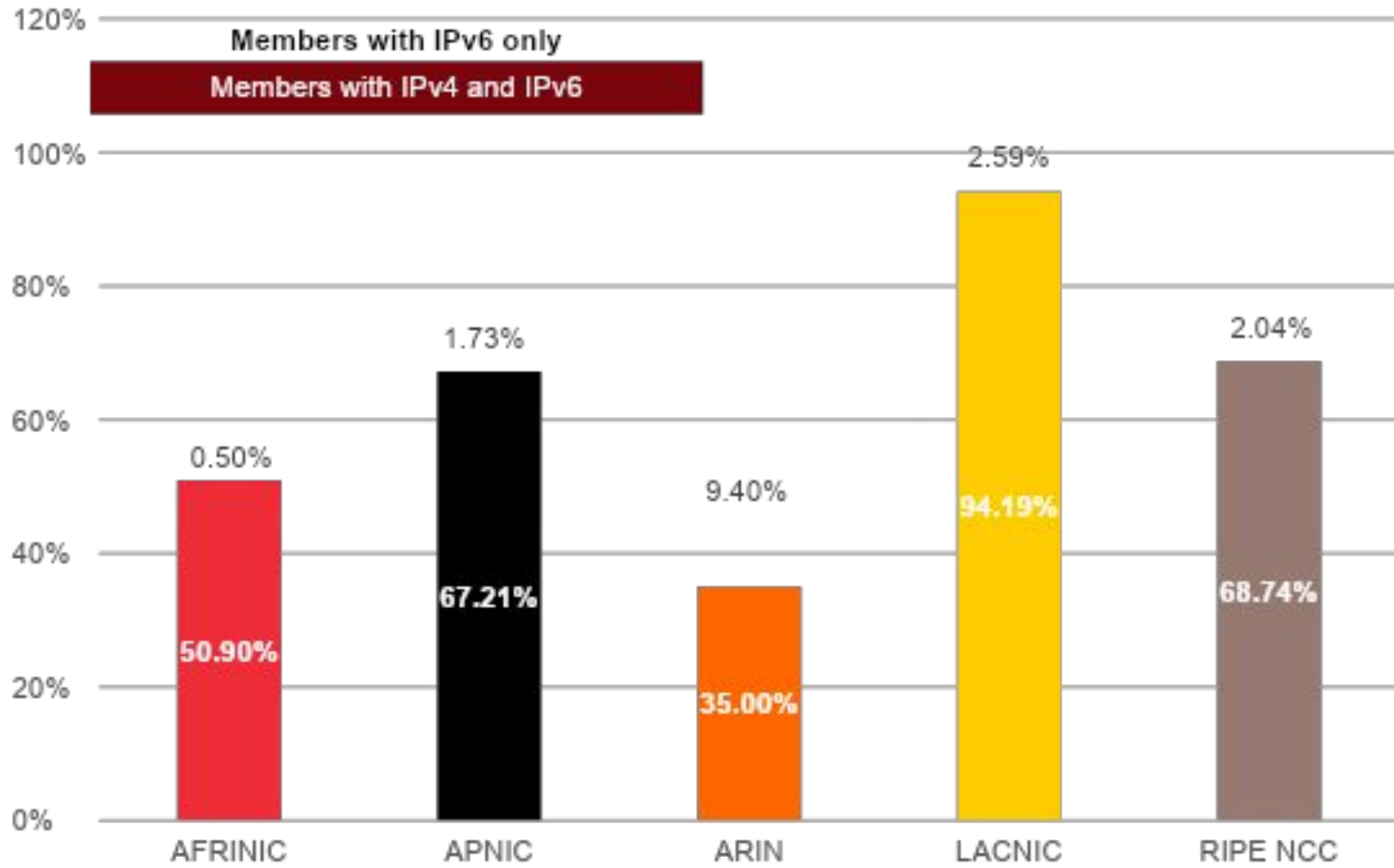
# Total Assigned IPv6 Space

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





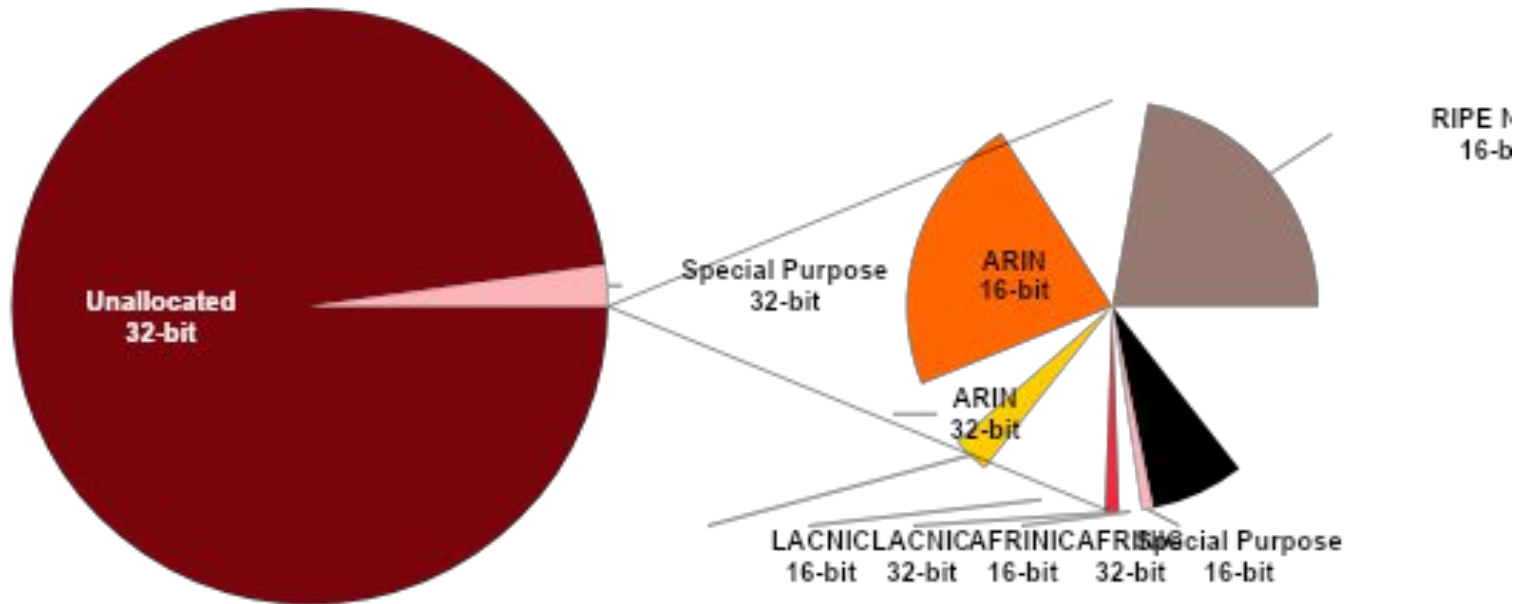
# Percentage of Members with IPv6 in each RIR



# AS Numbers

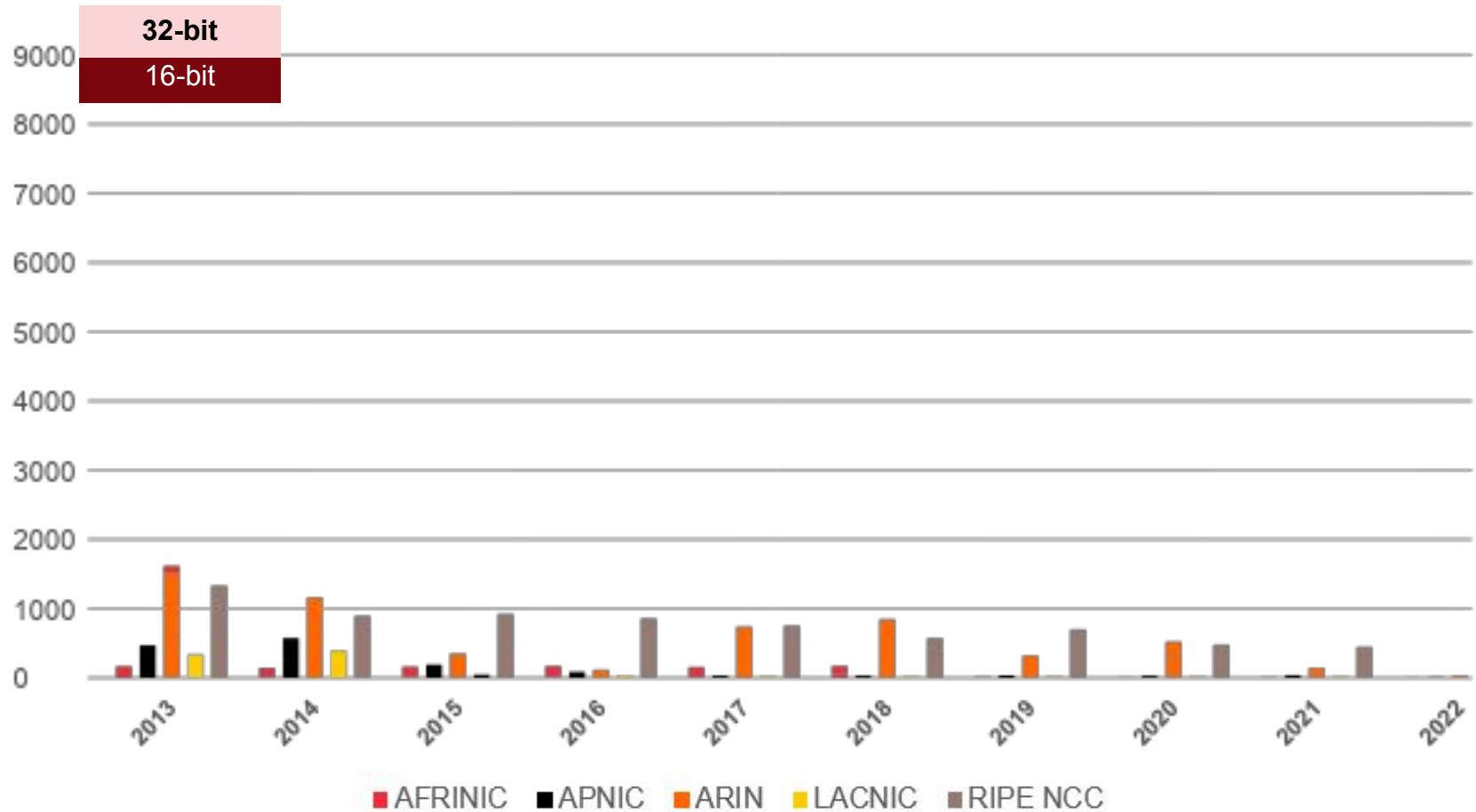
# AS Numbers

## All ASNs

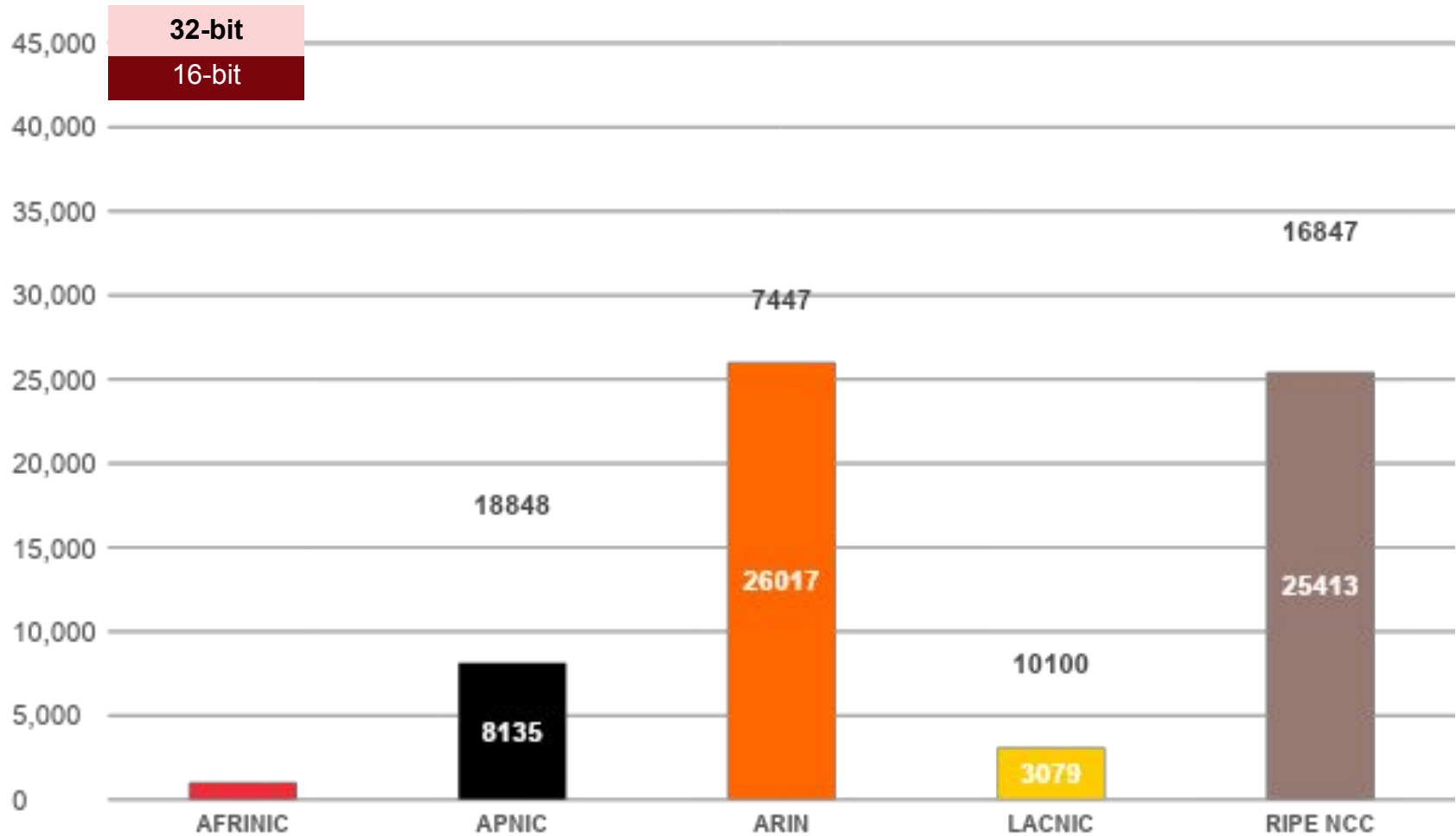


# ASN Assignments by RIRs

How many ASNs has each RIR issued per year?



# Total ASNs Assigned by each RIR



## References

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



**Thank You**