



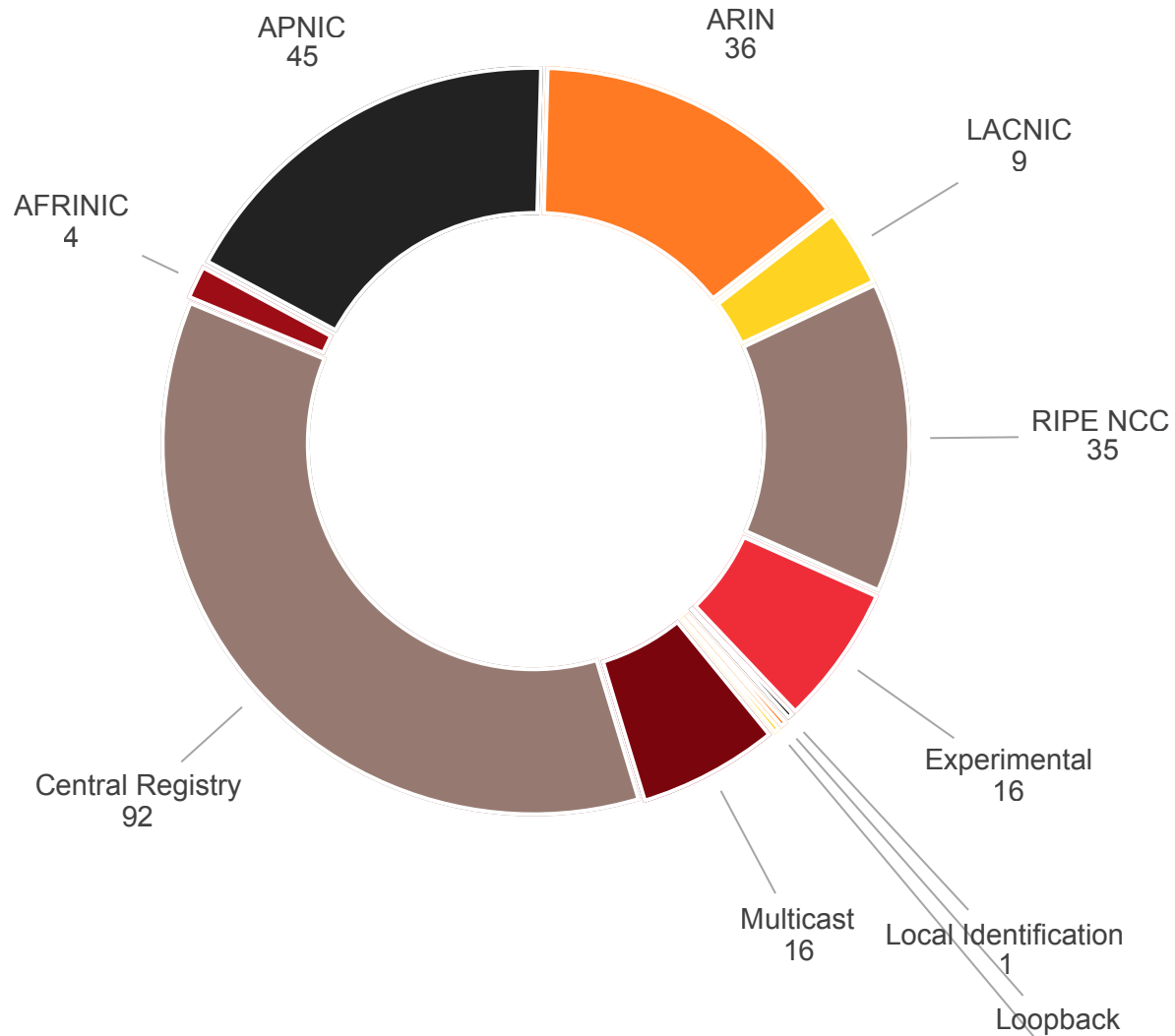
# Internet Number Resource Status Report

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

As of 30 Sep 2019

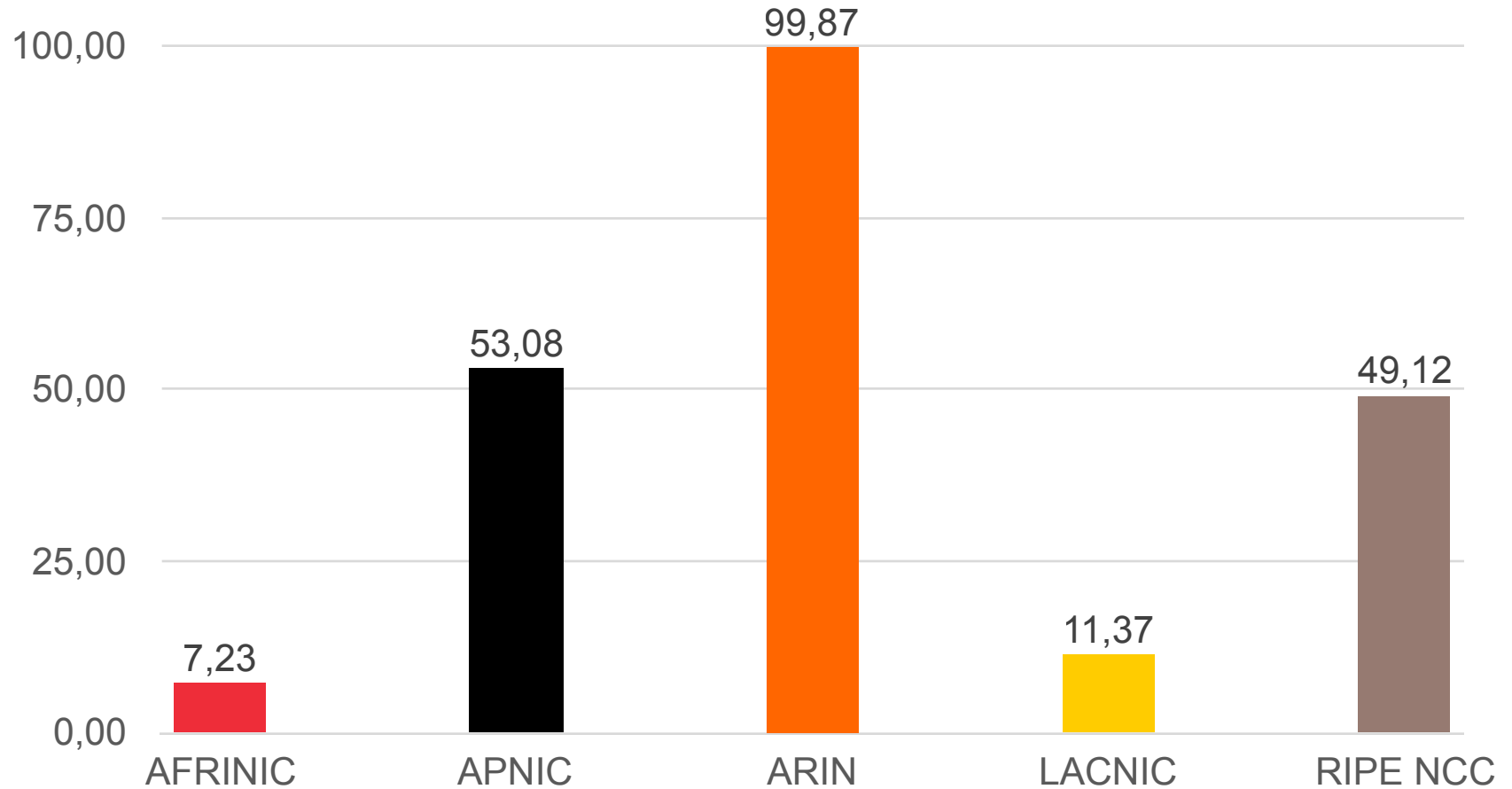
# All IPv4 Address Space

## Distribution of the 256 /8s



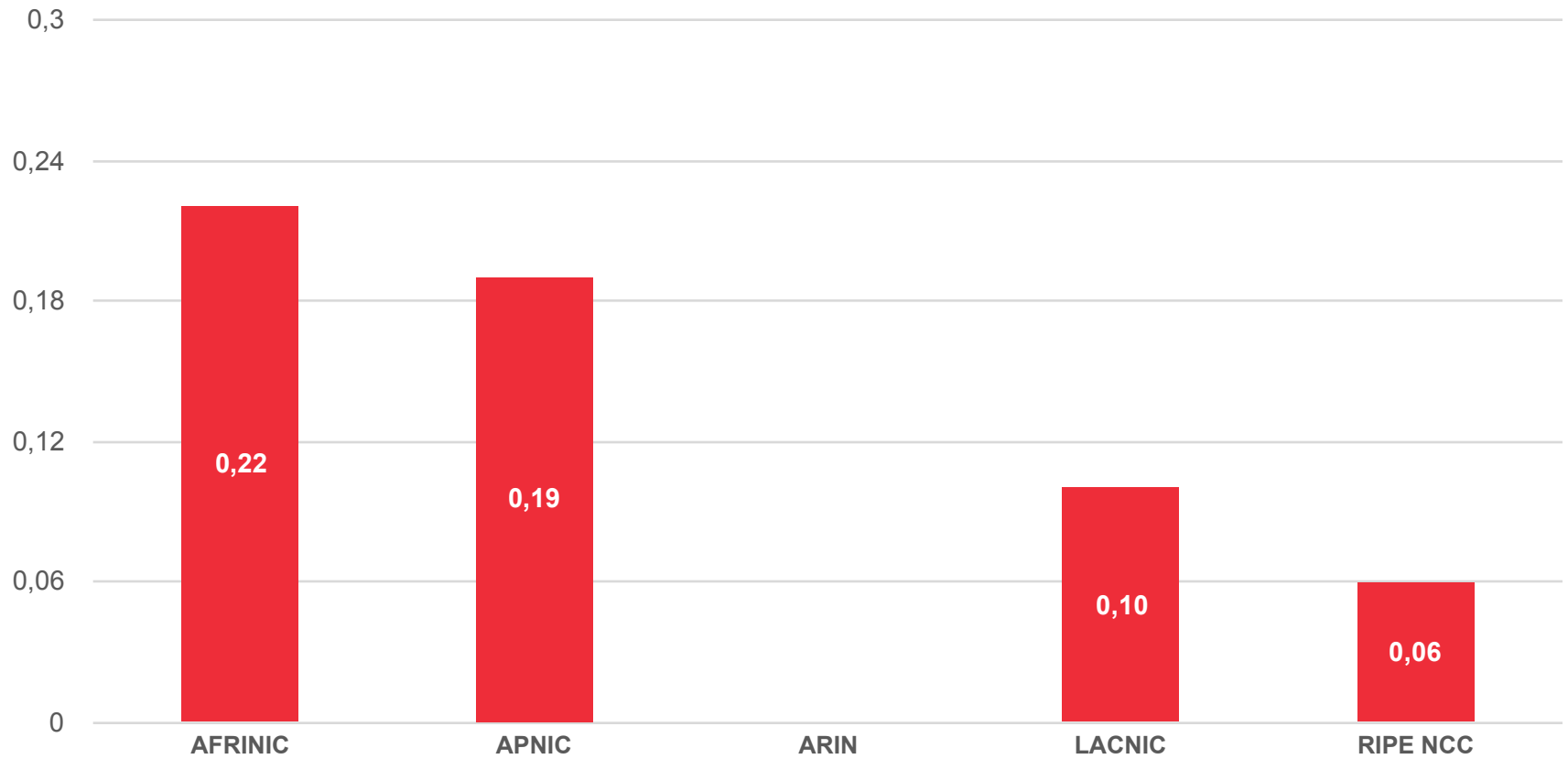
# Total IPv4 Addresses Managed by each RIR

In terms of /8s



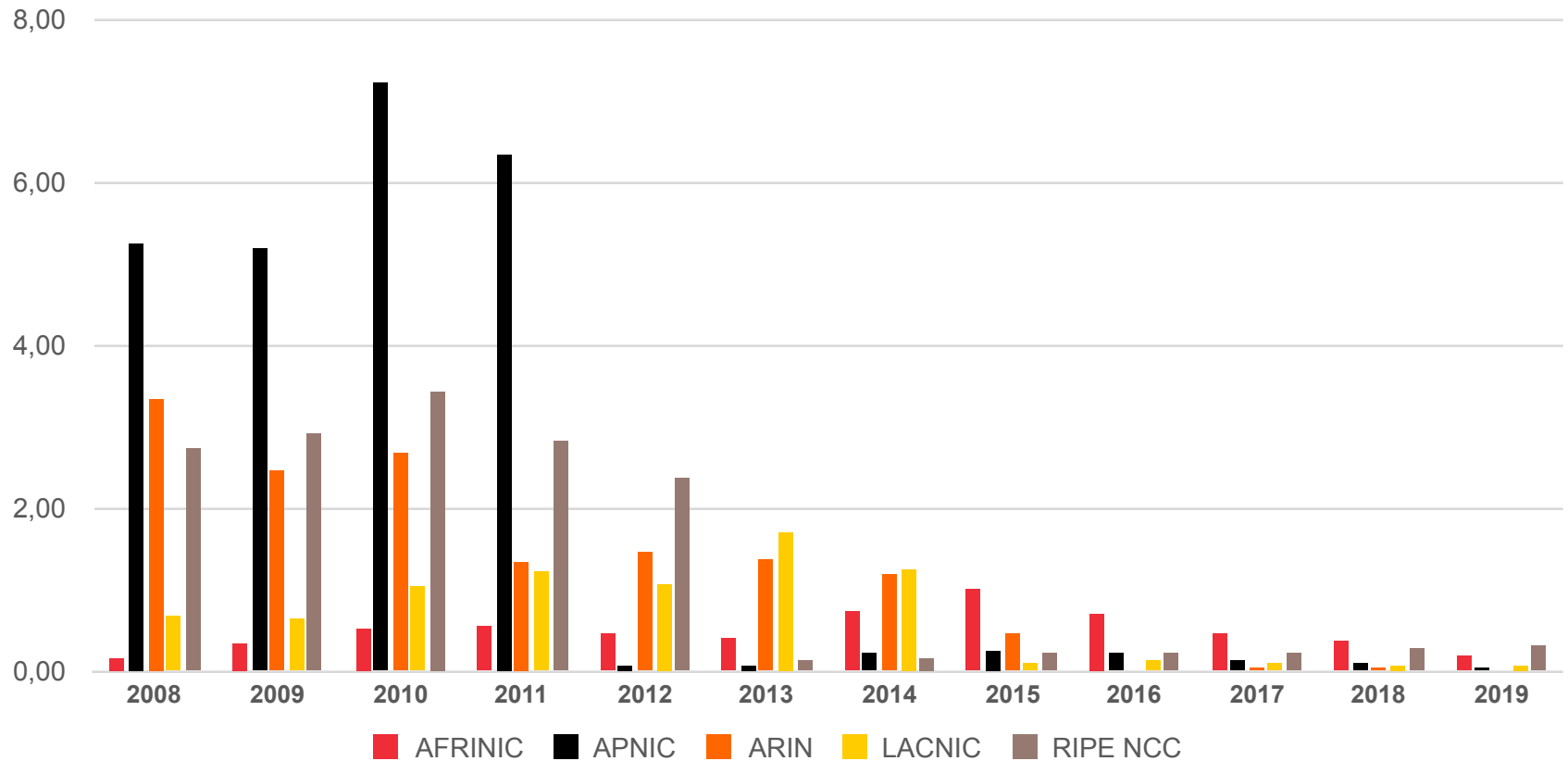
# Available IPv4 Space in each RIR

In terms of /8s



# IPv4 Space issued by RIRs

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

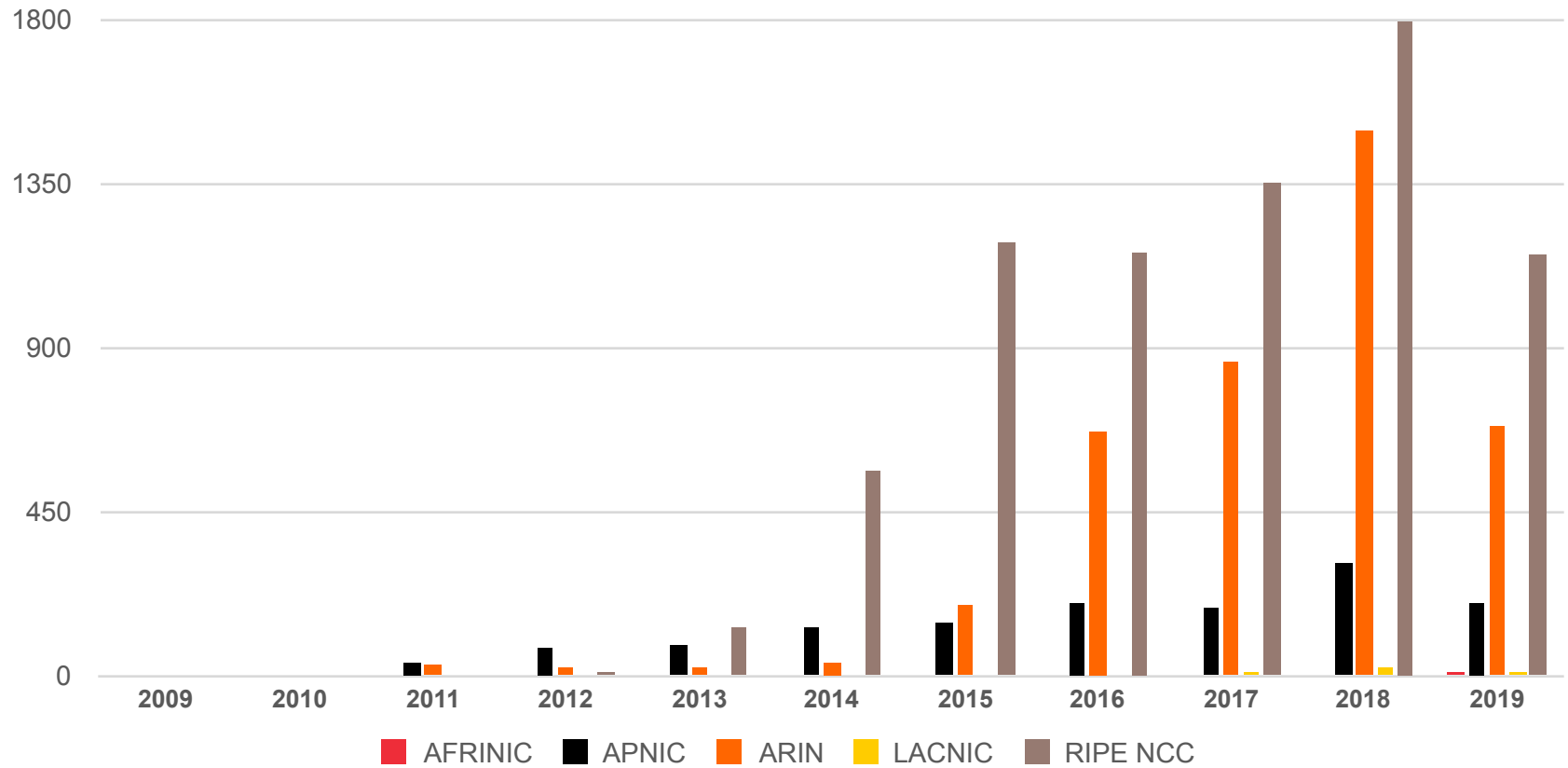


# IPv4 Transfers

(exclusive M&A)

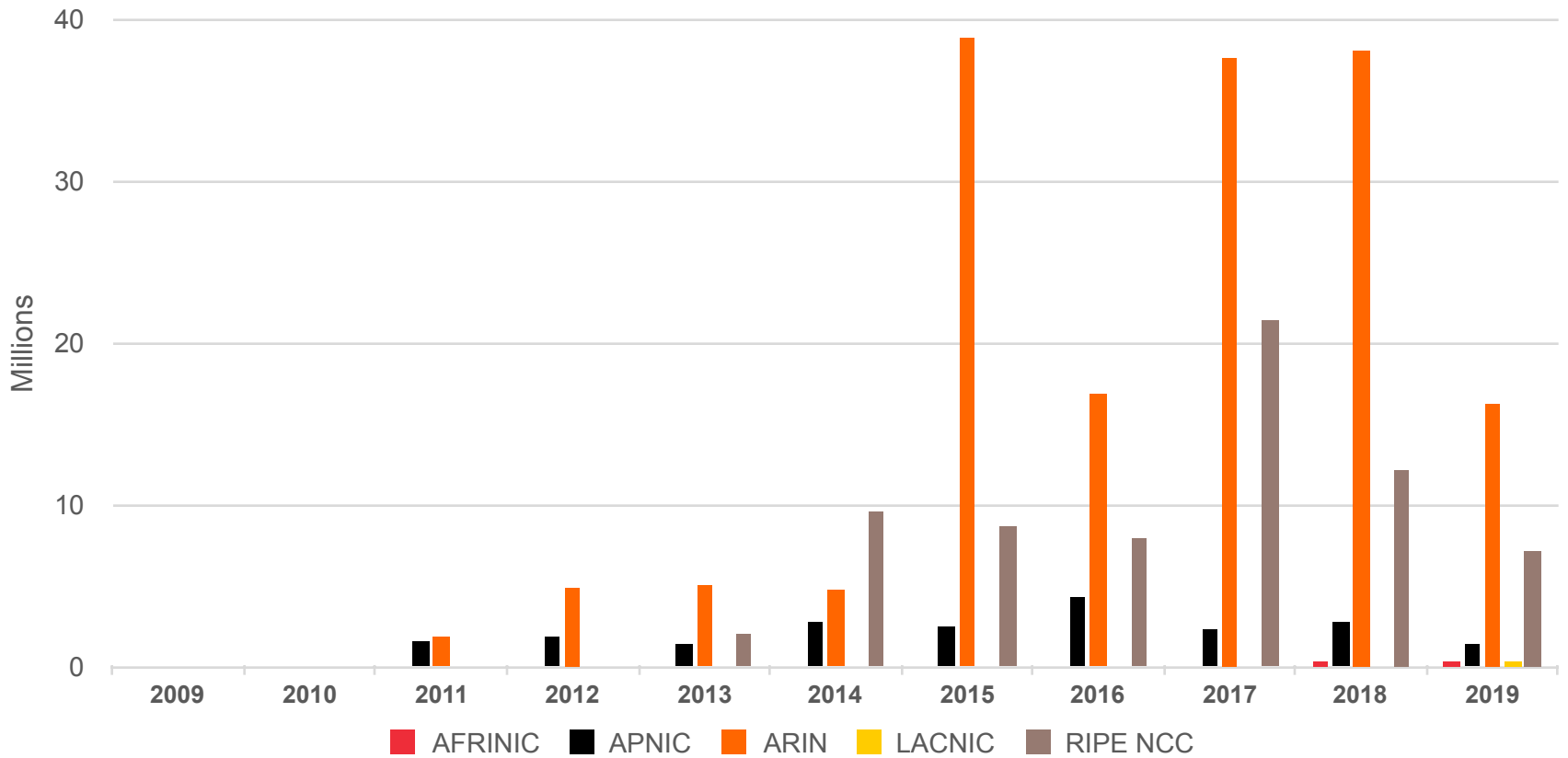
# Intra-RIR IPv4 Transfers

## Number of transfers per year



# Intra-RIR IPv4 Transfers

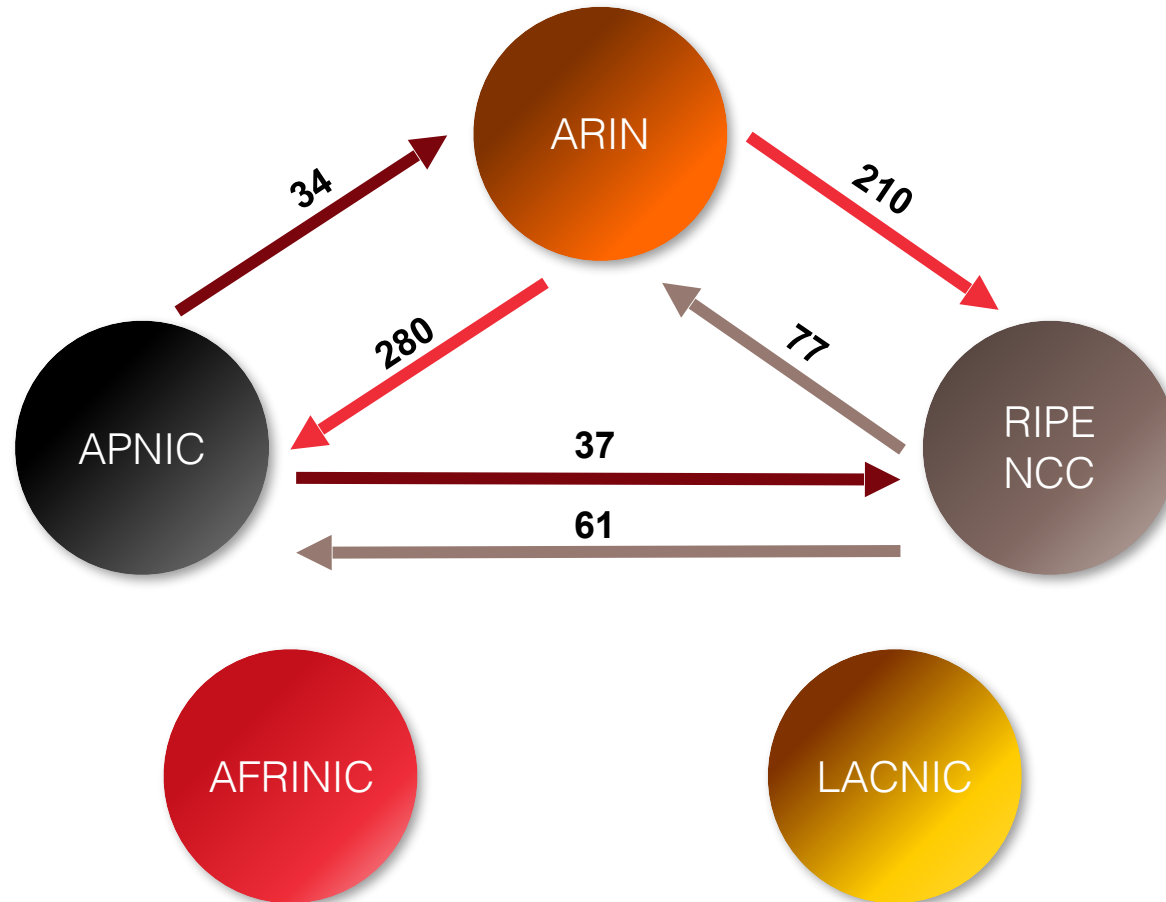
Number of addresses transferred by year





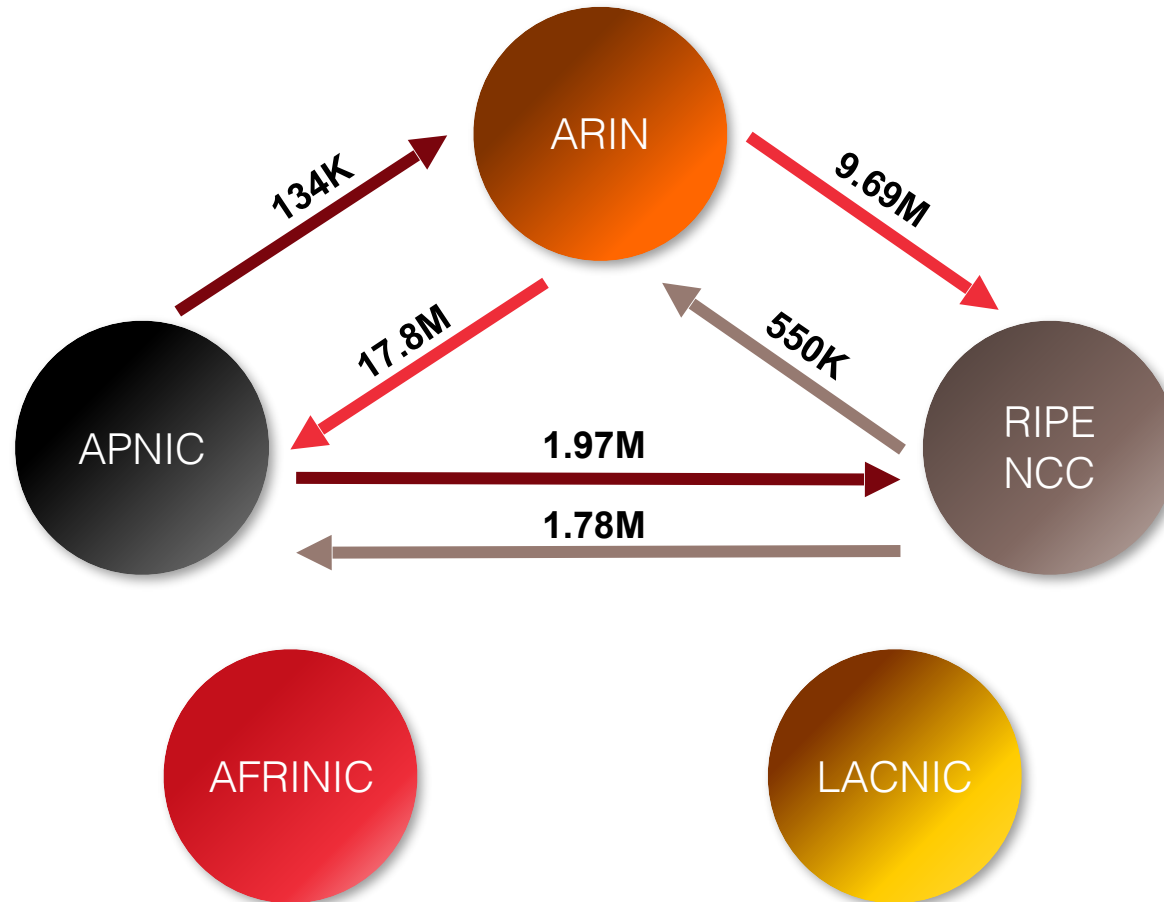
# Inter-RIR IPv4 Transfers

Total number of IPv4 transfers between RIRs



# Inter-RIR IPv4 Transfers

Total number of IPv4 addresses transferred between RIRs

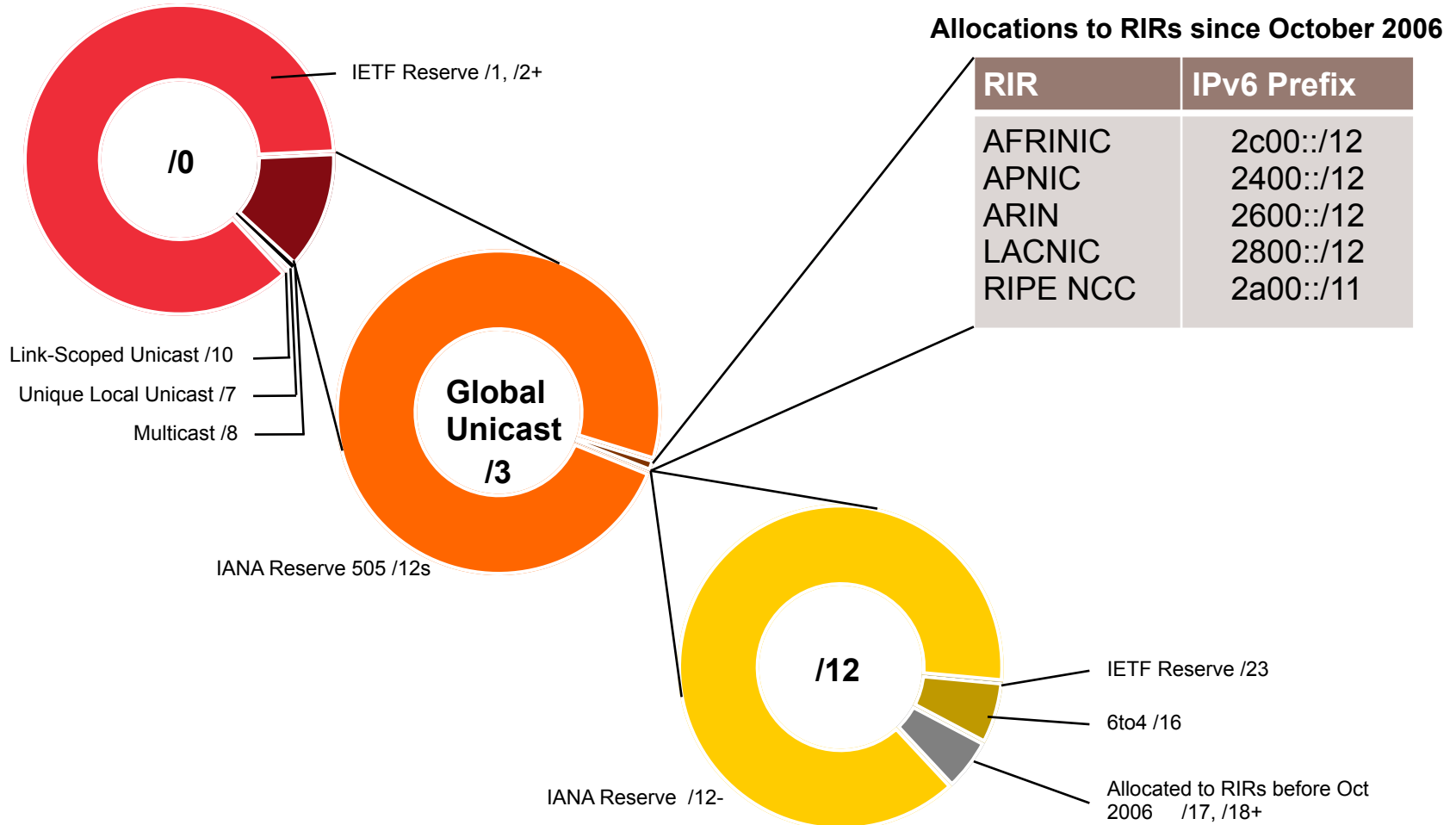




**IPv6**

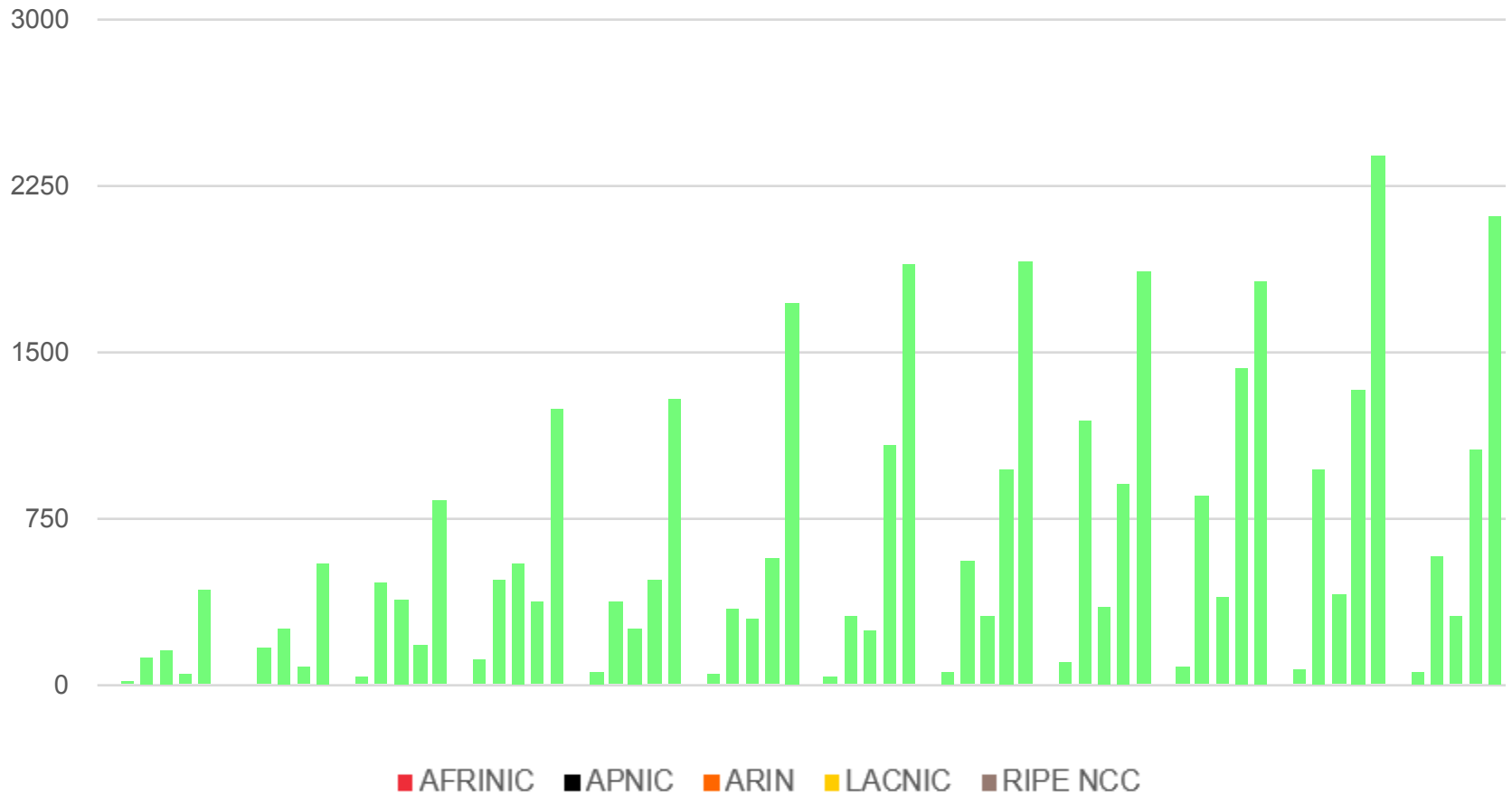
# All IPv6 Address Space

How much has been allocated to the RIRs?



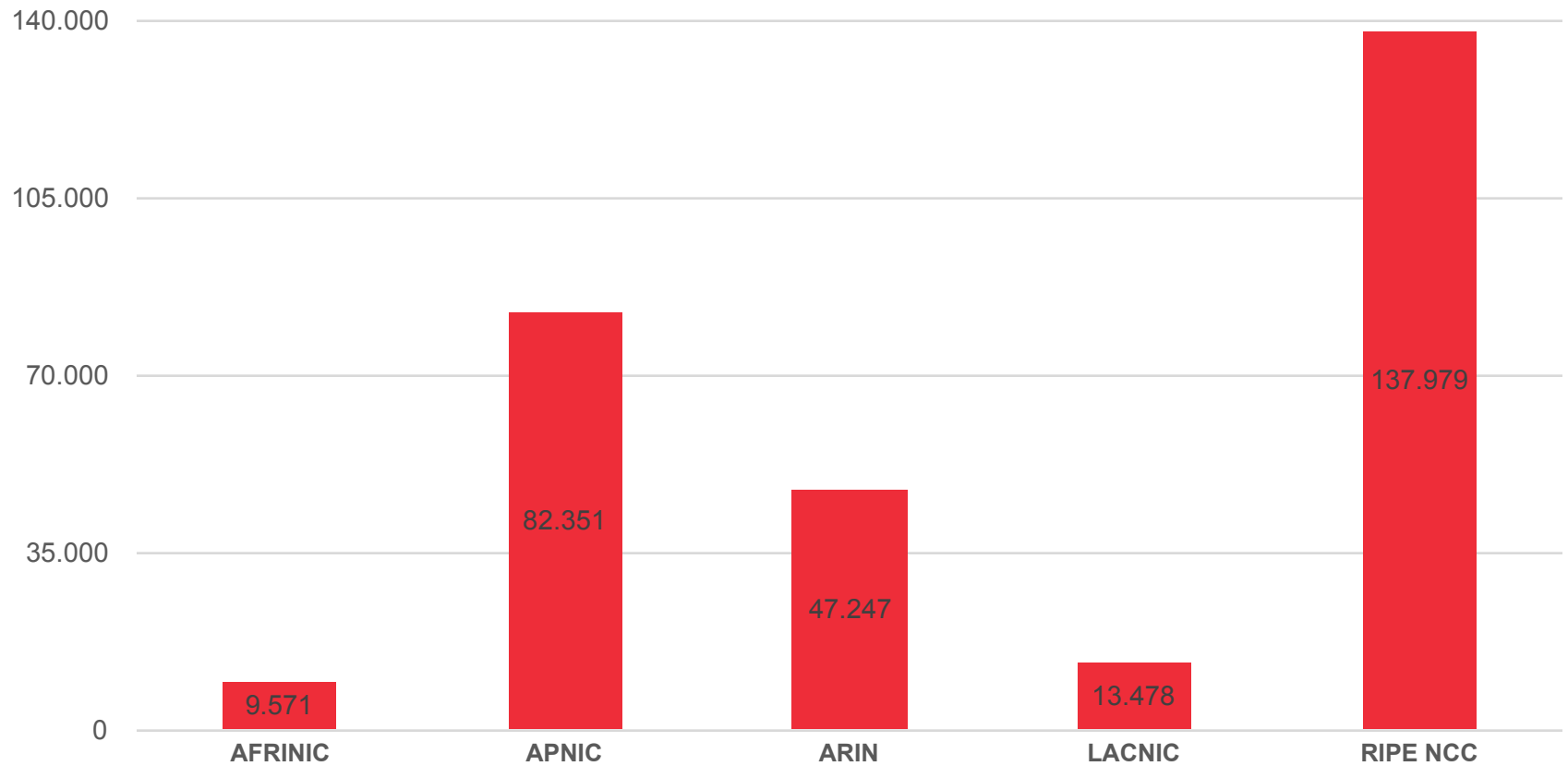
# IPv6 Allocations Issued by RIRs

How many prefixes has each RIR allocated per year?



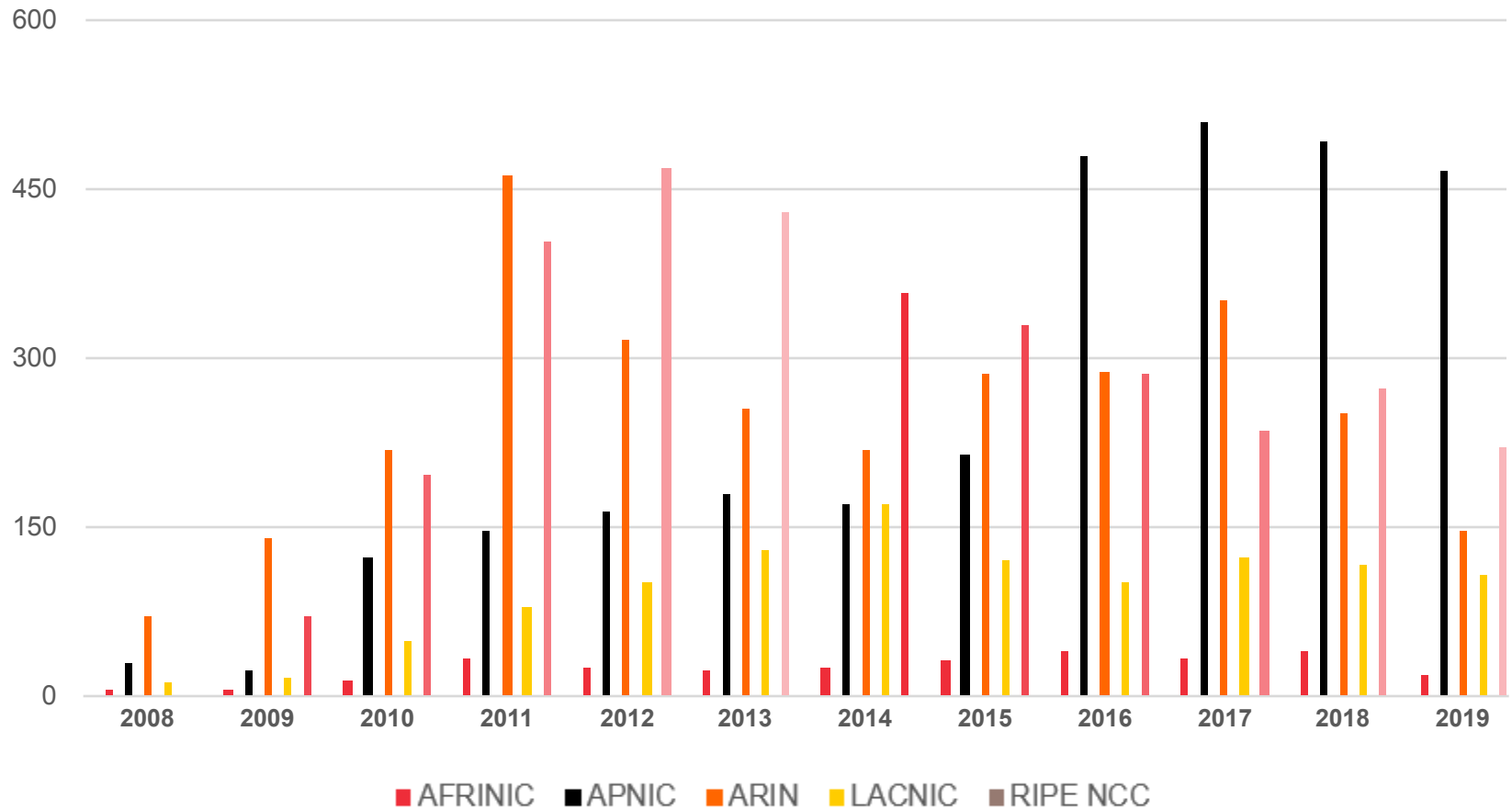
# Total Allocated IPv6 Space

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

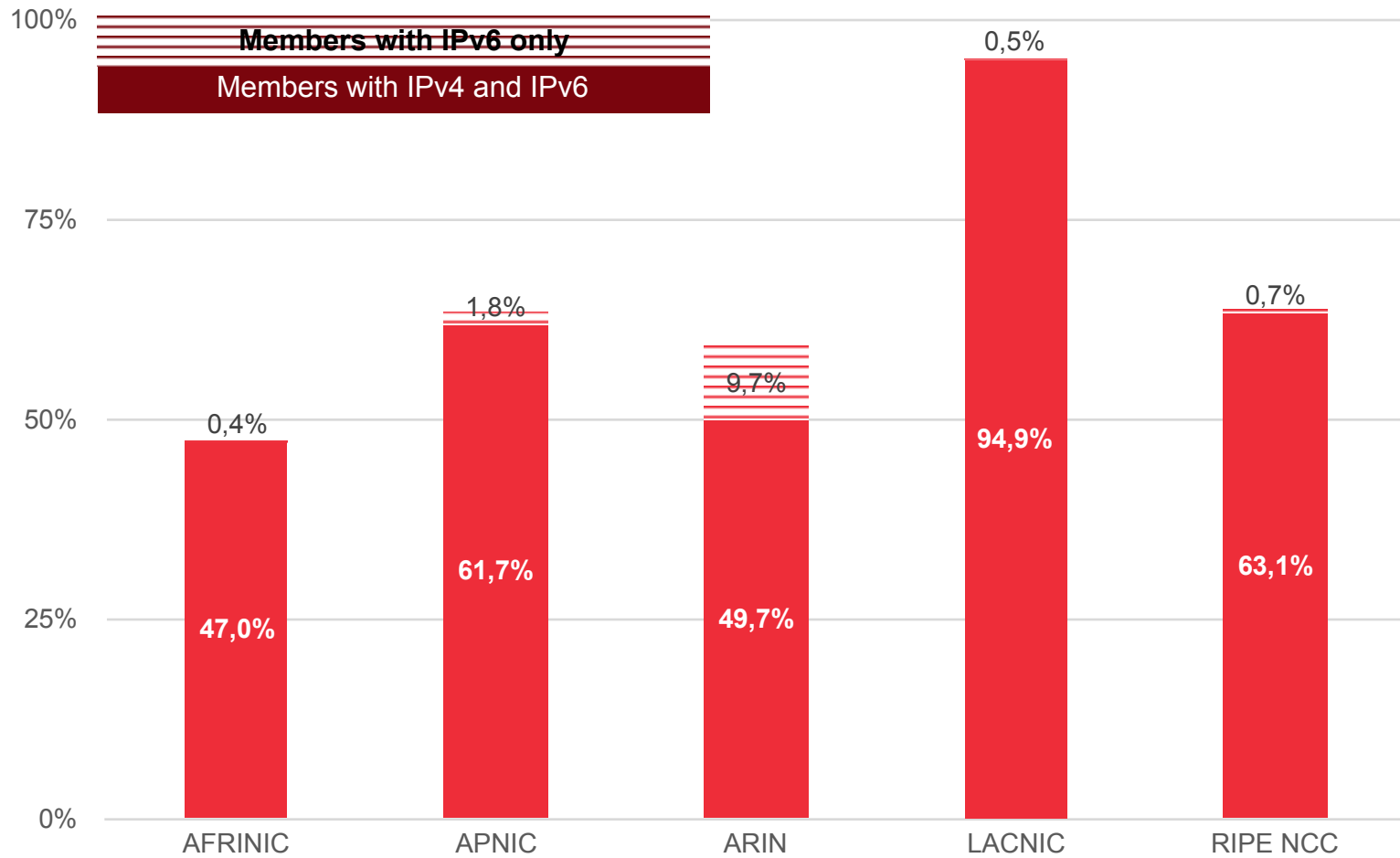


# IPv6 Assignments Issued by RIRs

How many prefixes has each RIR assigned per year?



# Percentage of Members with IPv6 in each RIR





# AS Numbers

# AS Numbers

Special Purpose  
32-bit

RIPE NCC  
32-bit

AFIN  
32-bit

LACNIC  
16-bit

AFRINIC  
32-bit

RIPE NCC  
16-bit

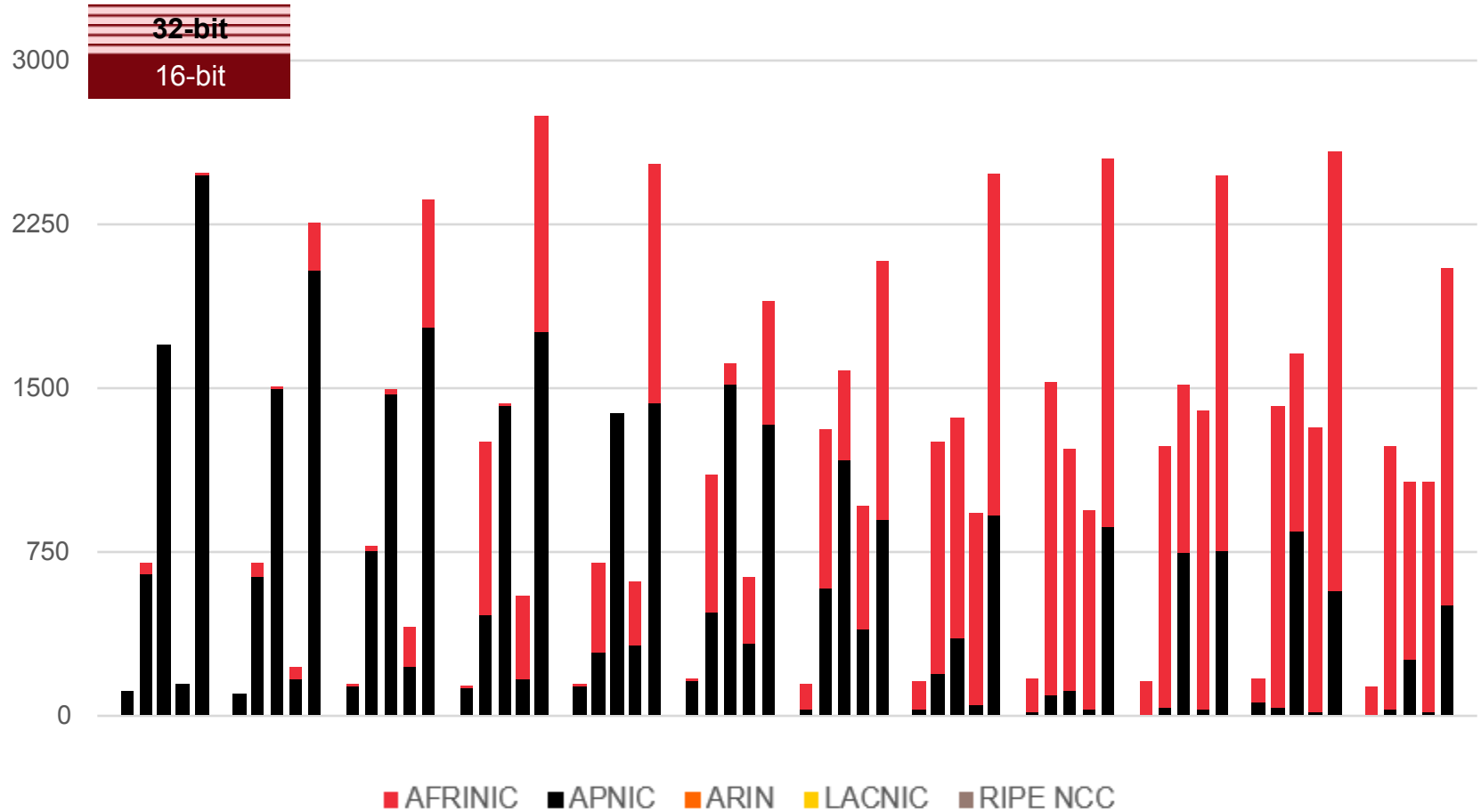
ARIN  
16-bit

Unallocated  
32-bit

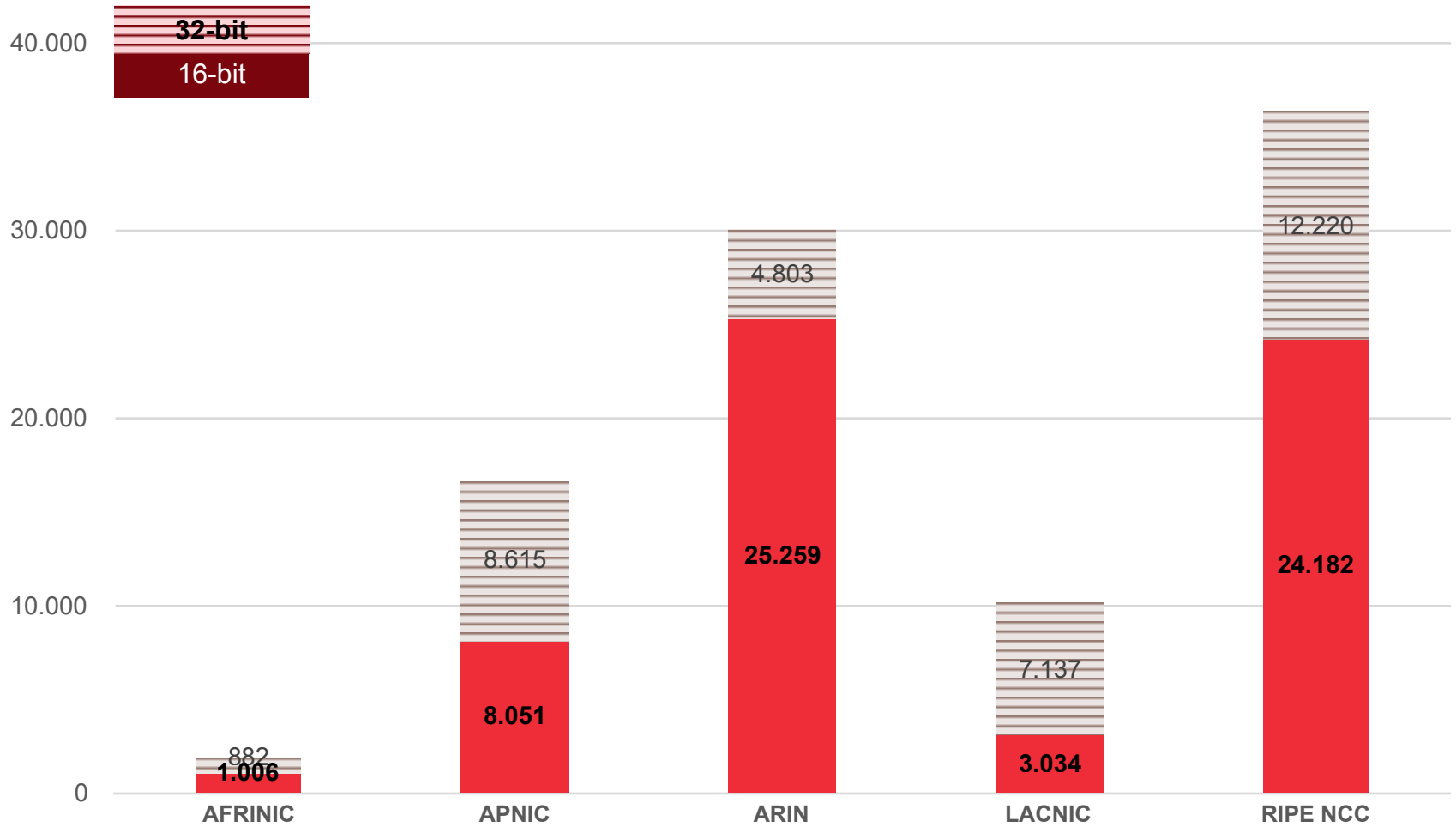
All ASNs

# 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**