



2001:610:240:0-193.0.0.202 62.109.128.195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203 195.048.02.03  
62.109.128.195.048.02.03 2001:610:240 193.0.0.202 62.109.128.195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203  
193.0.0.203 2001:610:240:0-193.0.0.202 62.109.128.195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203  
2001:610:240:0-193.0.0.202 62.109.128.195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203  
2001:610:240:0-193.0.0.202 62.109.128.195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203

Number Resource Organization



# INTERNET NUMBER RESOURCE STATUS REPORT

As of 31 March 2015

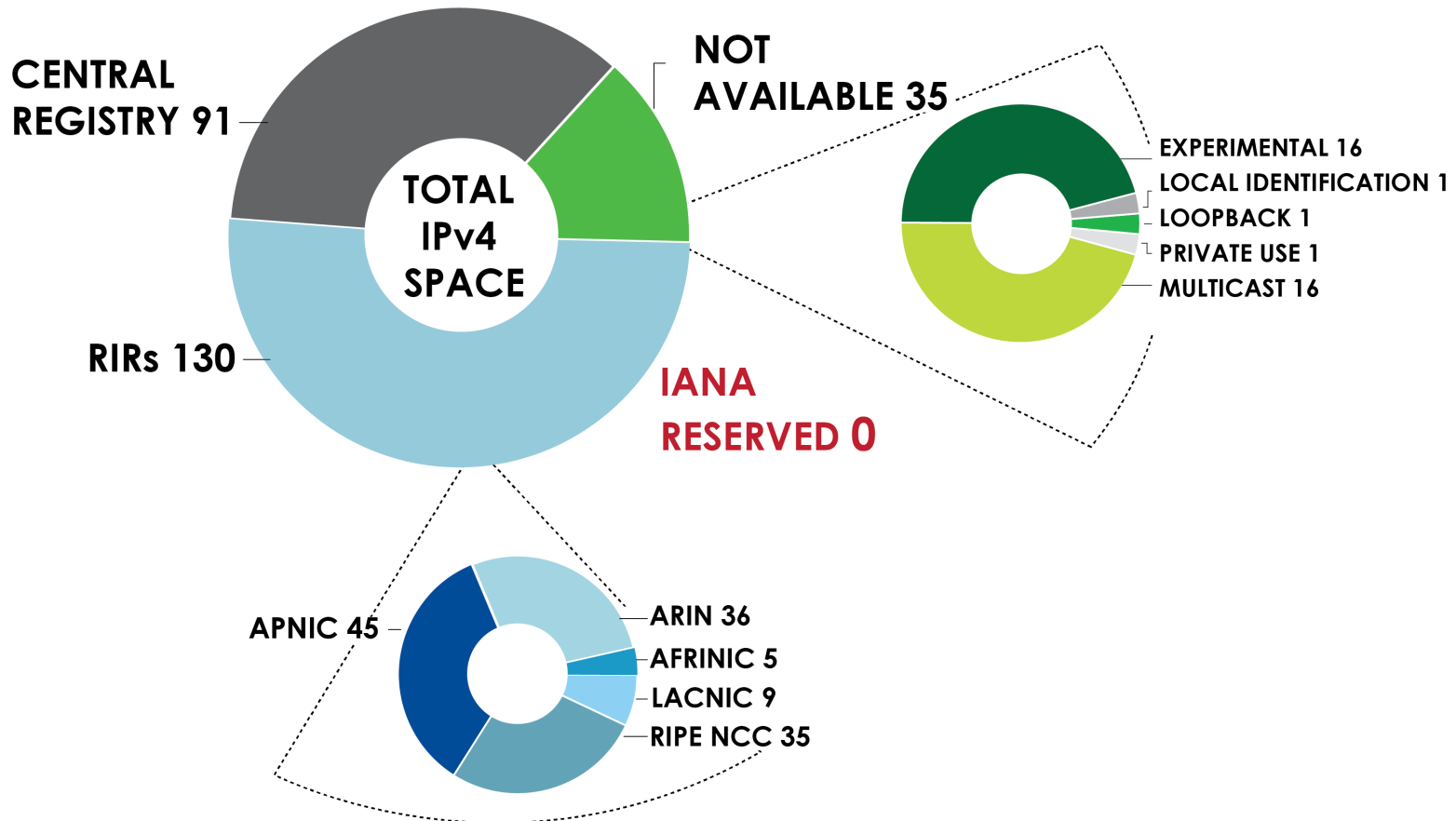
Prepared by  
Regional Internet Registries  
AFRINIC, APNIC, ARIN, LACNIC and the RIPE NCC

2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203 195:048:02:03  
62:109:128 195:048:02:03 2001:610:240 193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203 195:048:02:03  
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:202  
2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203 195:048:02:03  
Number Resource Organization

# IPv4 ADDRESS SPACE

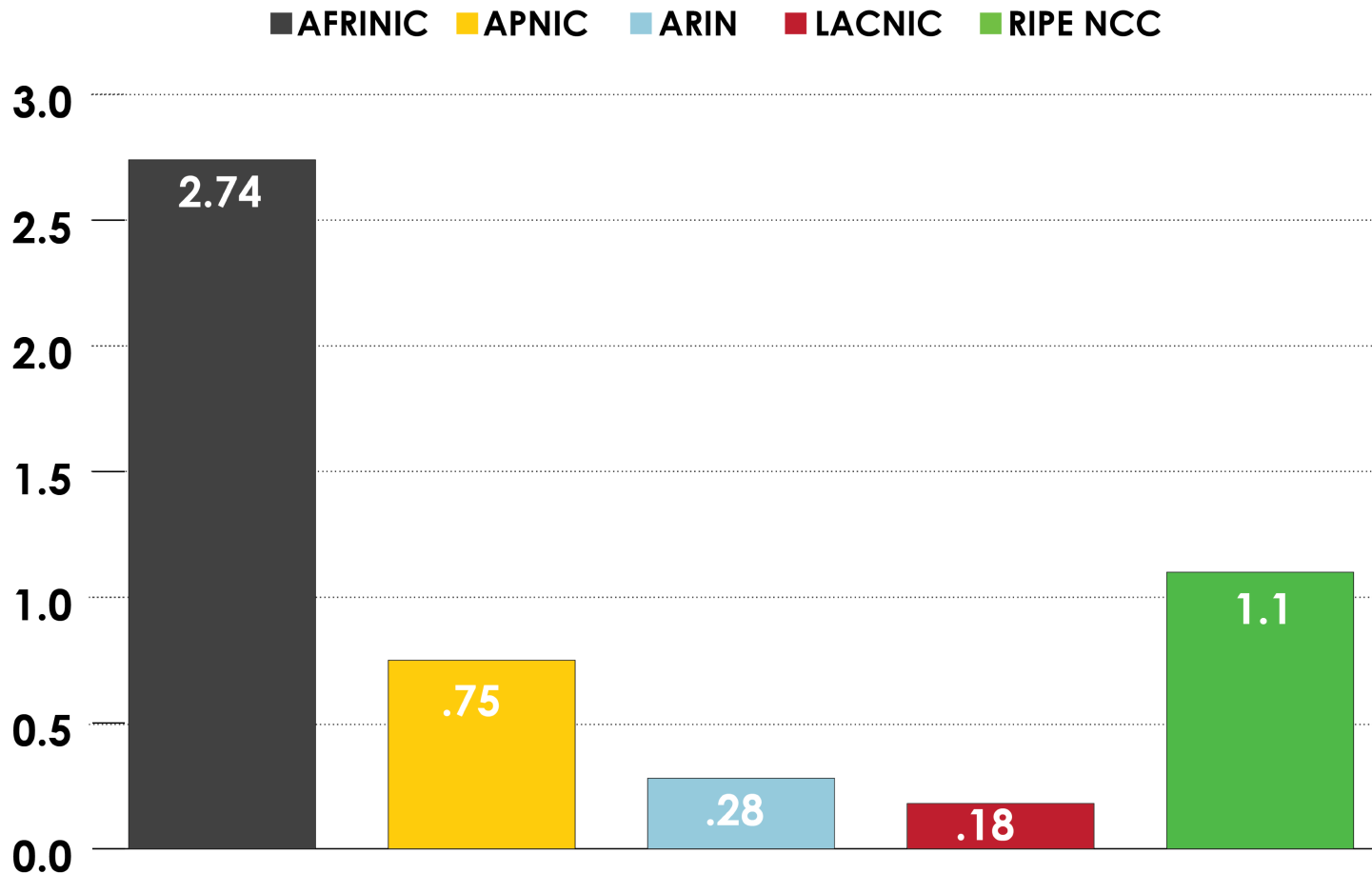
What is the status of each of the 256 /8s?

## STATUS OF 256 /8s IPv4 ADDRESS SPACE



2001-610-240-0 193.0.0.202 62 109 128 195 048 02 03 178 42 02 02 2001-610-240 193.0.0.203 195 048 02 03  
 62 109 128 195 048 02 03 178 42 02 02 2001-610-240 193.0.0.202 62 109 128 195 048 02 03 178 42 02 02 2001-610-240 193.0.0.203  
 193.0.0.203 2001-610-240-0 193.0.0.202 62 109 128 195 048 02 03 178 42 02 02 2001-610-240 193.0.0.203  
 2001-610-240-0 193.0.0.202 62 109 128 195 048 02 03 178 42 02 02 2001-610-240 193.0.0.203 195 048 02 03  
 Number Resource Organization

# AVAILABLE IPv4 /8s IN EACH RIR

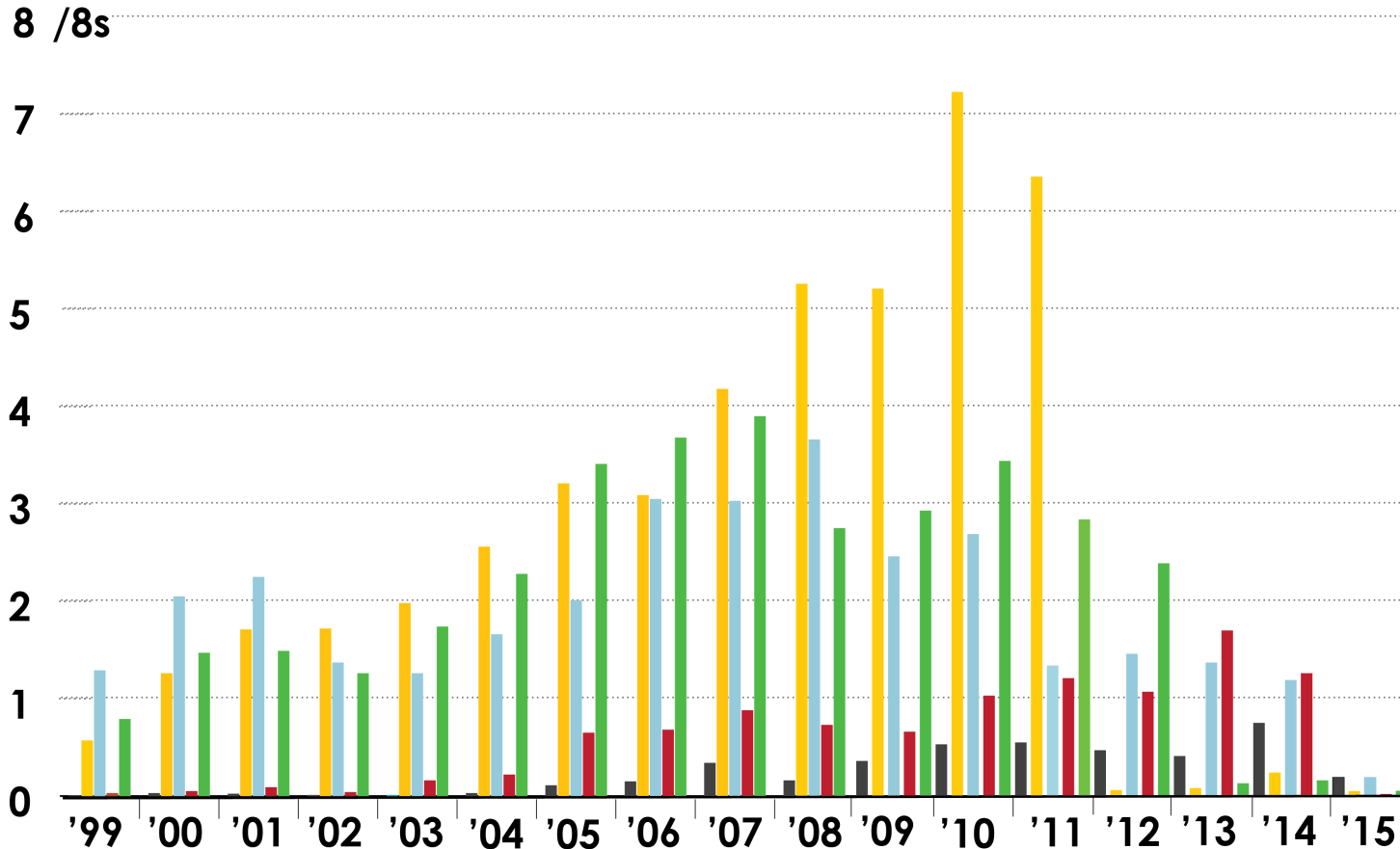




# IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

In terms of /8s, how much space did each RIR issue by year?

■ AFRINIC ■ APNIC ■ ARIN ■ LACNIC ■ RIPE NCC



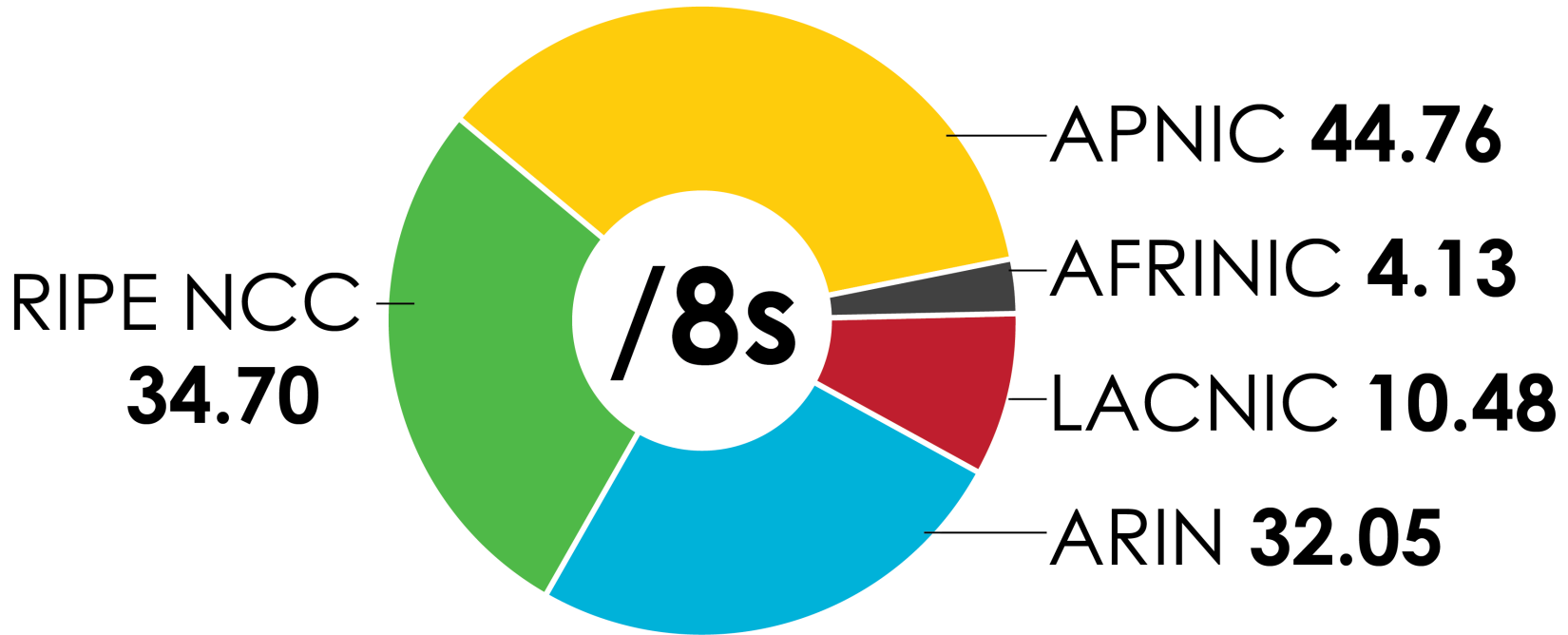
2001:610:240:0 193.0.0.202 62 109 128 195 048 02 03 128 42 02 02 2001:610:240 193.0.0.203 193 0 0 203 2001:610:240:0 193 0 0 202 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193 0 0 203 2001:610:240:0 193 0 0 202 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193 0 0 203 2001:610:240:0 193 0 0 202 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193 0 0 203

Number Resource Organization



# IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

In terms of /8s, how much total space has each RIR issued?  
(Jan 1999 – Mar 2015)

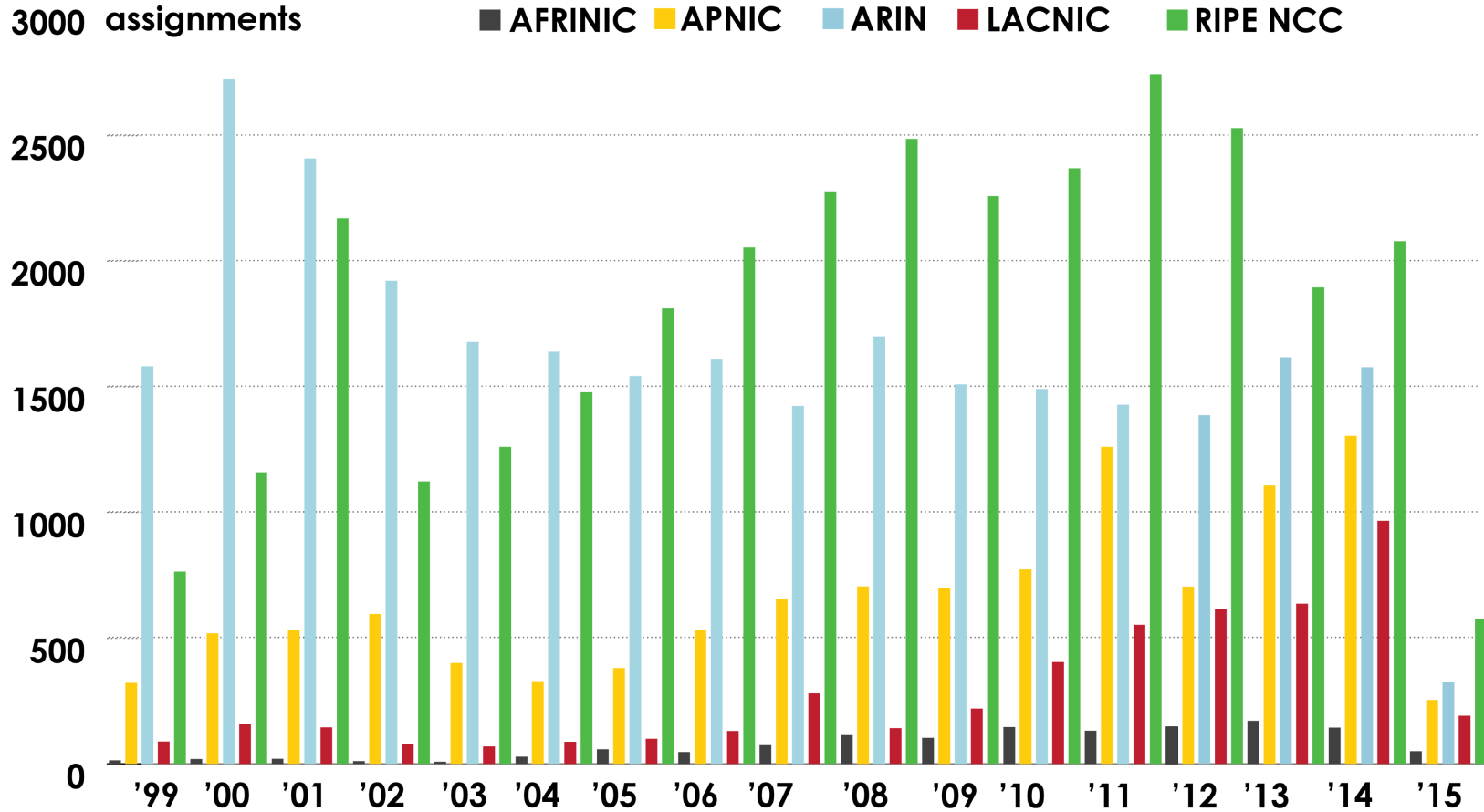


2001:610:240:0-193:0:0:202  
62 109 128 195 048 02 03  
193:0:0:203 2001:610:240:0-193:0:0:202  
2001:610:240:0-193:0:0:202 62  
Number Resource Organization



# ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many ASNs has each RIR assigned by year?



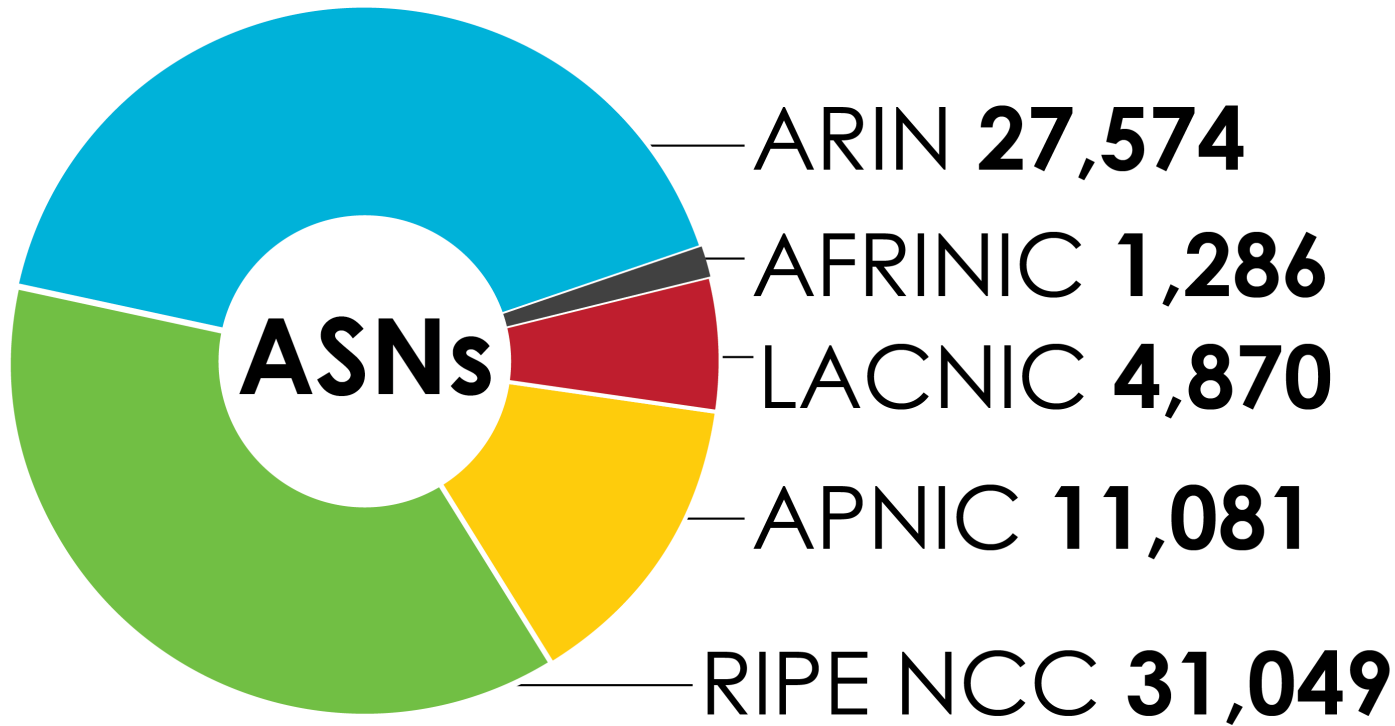
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 128.12.02.02 2001:610:240 193.0.0.203 195.048.02.03 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.202 193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.09.02 2001:610:240 193.0.0.203

Number Resource Organization



# ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many total ASNs has each RIR assigned?  
(Jan 1999 – Mar 2015)



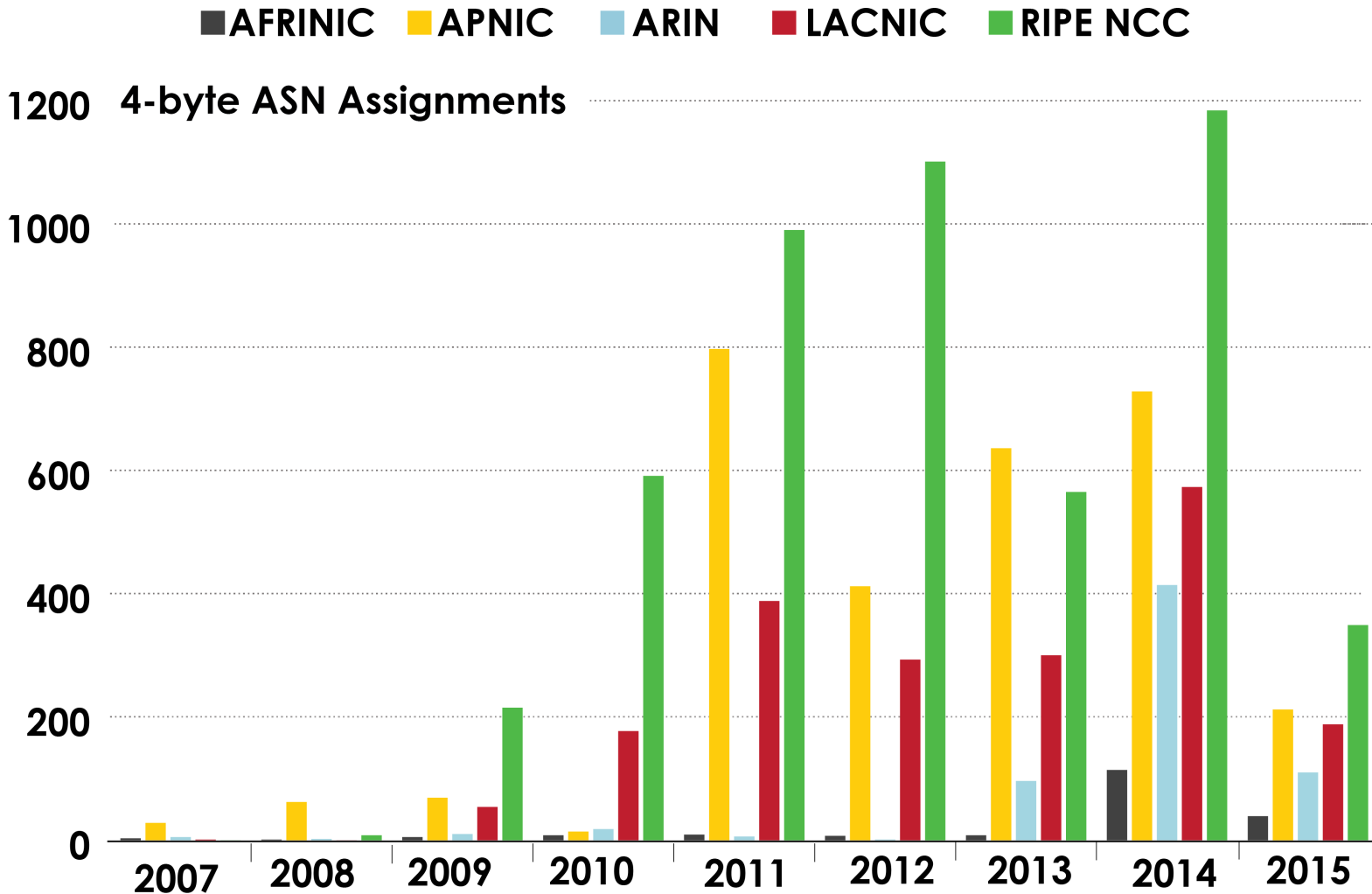
2001:610:240:0-193.0.0.202 62 109 128 195 048 02 03 128 42 02 02 2001:610:240 193.0.0.203 195 048 02 03  
62 109 128 195 048 02 03 193 0 0 202 2001:610:240 193 0 0 202  
193.0.0.203 2001:610:240:0-193.0.0.202 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193.0.0.203  
2001:610:240:0-193.0.0.202 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193.0.0.203  
193.0.0.203 195 048 02 03  
Number Resource Organization





# 4-BYTE ASN ASSIGNMENTS

How many 4-byte ASNs has each RIR assigned by year?



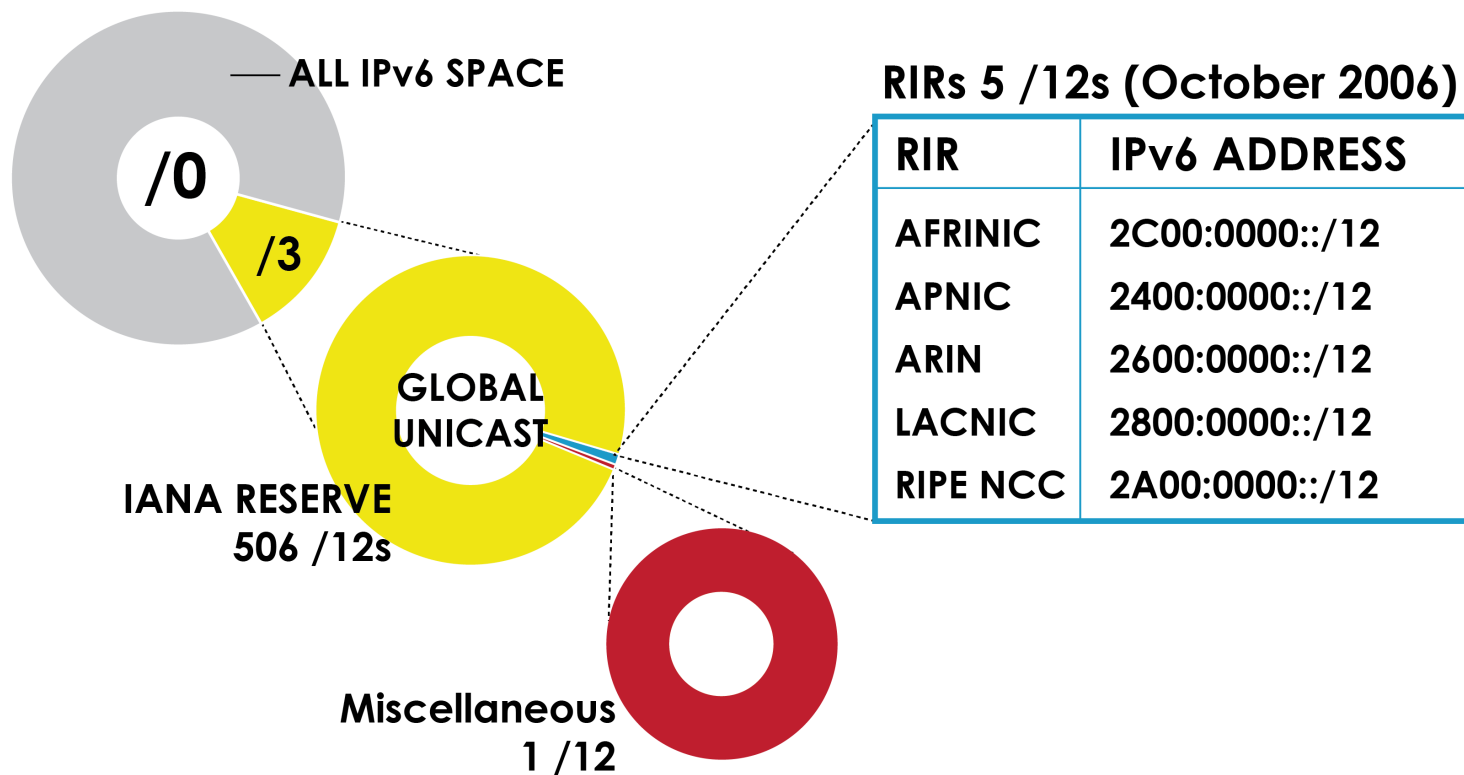
2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 128:42:02:02 2001:610:240 193:0:0:203 193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 193:0:0:203 2001:610:240 193:0:0:203

Number Resource Organization



# IPv6 ADDRESS SPACE

How much has been allocated to the RIRs?



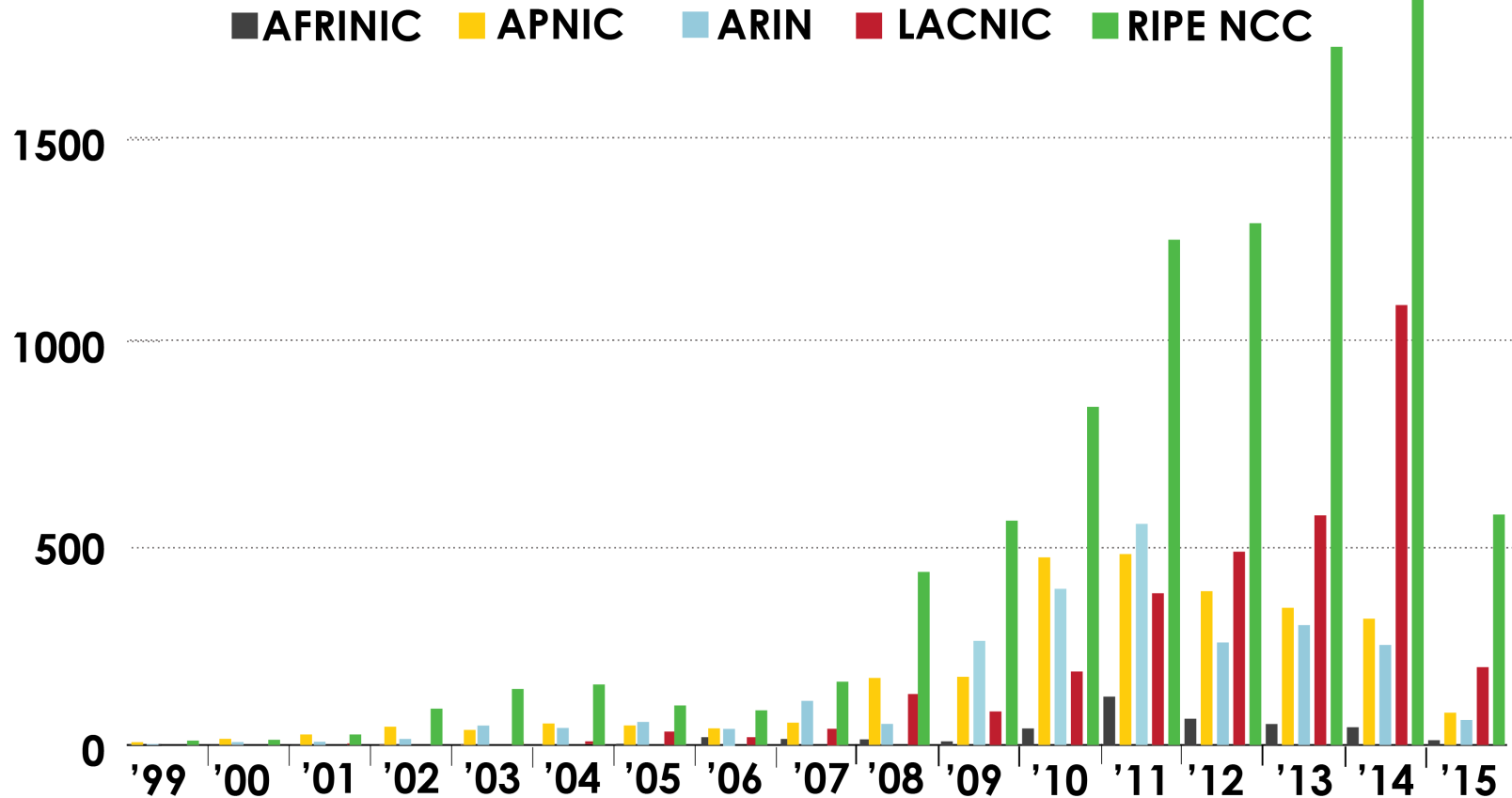
2001:610:240:0-193:0:0:202  
62:109:128-195:048:02:03  
193:0:0:203 2001:610:240:0-193:0:0:202  
2001:610:240:0-193:0:0:202 62:109:128-195:048:02:03  
Number Resource Organization



# IPv6 ALLOCATIONS (RIRs TO LIRs/ISPs)

How many allocations have been made by each RIR by year?

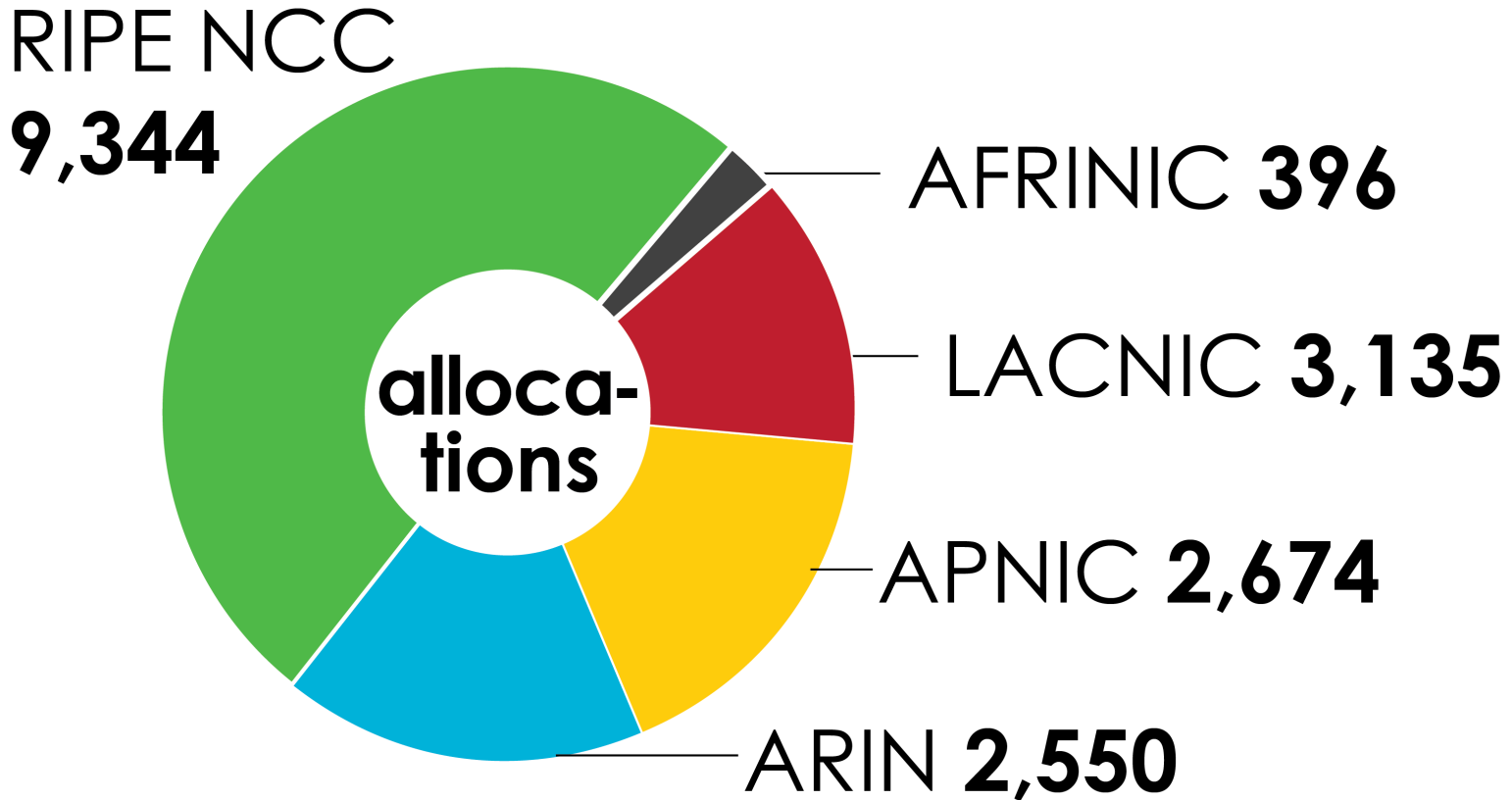
2000 allocations



Number Resource Organization  
193.0.0.203 195.048.02.03 178.12.09.02 2001.610.240.0 193.0.0.202 62.109.128.195.048.02.03 178.12.02.02 2001.610.240.0 193.0.0.203 195.048.02.03 62.109.128.195.048.02.03 199.0.0.202 193.0.0.203 2001.610.240.0 199.0.0.202 62.109.128.195.048.02.03 2001.610.240.0 193.0.0.202 2001.610.240.0 193.0.0.202 62.109.128.195.048.02.03 2001.610.240.0 193.0.0.203 195.048.02.03

# IPv6 ALLOCATIONS (RIRs TO LIRs/ISPs)

How many total allocations have been made by each RIR?  
(Jan 1999 – Mar 2015)

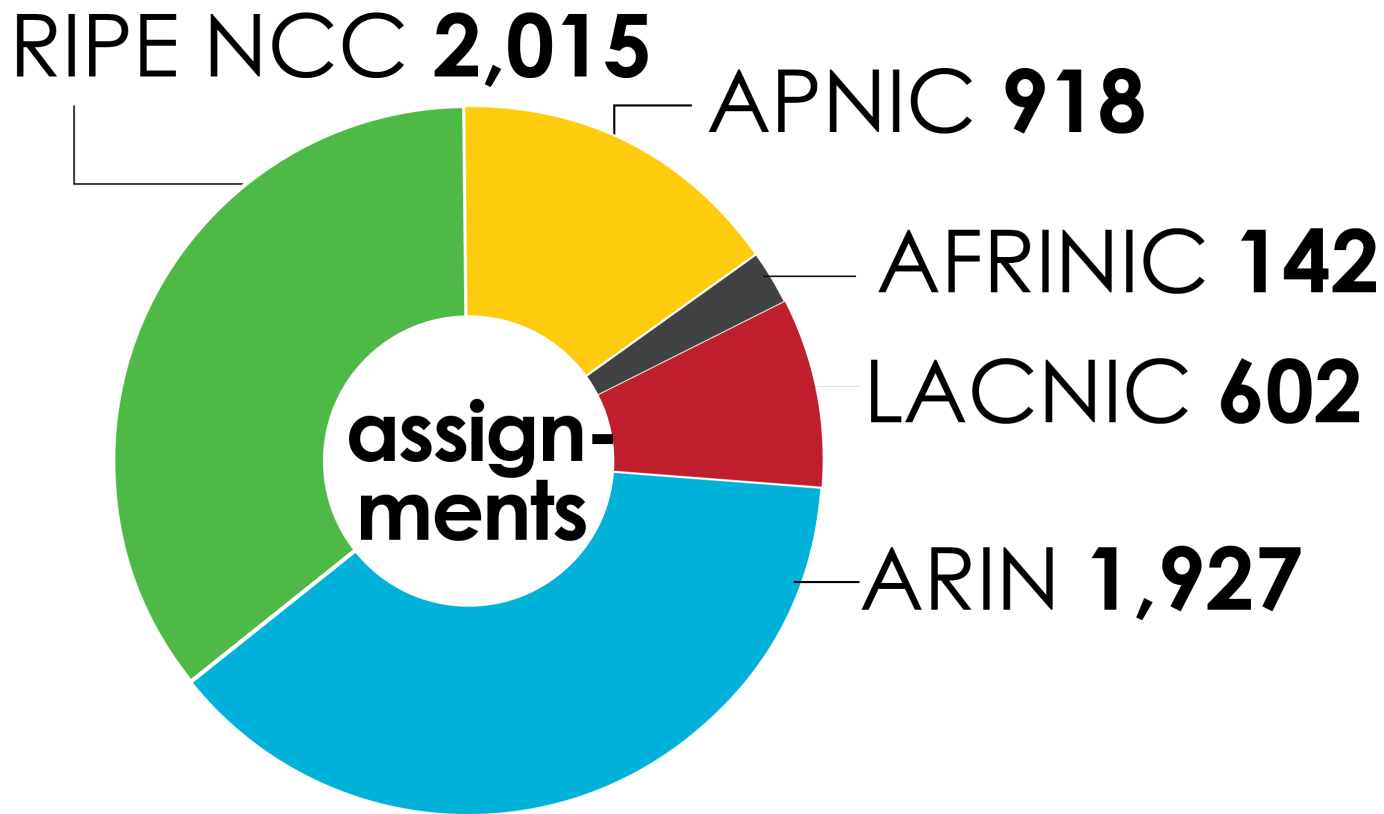


2001:610:240:0-193:0:0:202 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193 0 0 203 195 048 02 03  
 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193 0 0 203 195 048 02 03 178 12 09 02 2001:610:240 193 0 0 203  
 193 0 0 203 2001:610:240:0-193:0:0:202 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193 0 0 203  
 2001:610:240:0-193:0:0:202 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193 0 0 203 195 048 02 03  
 Number Resource Organization



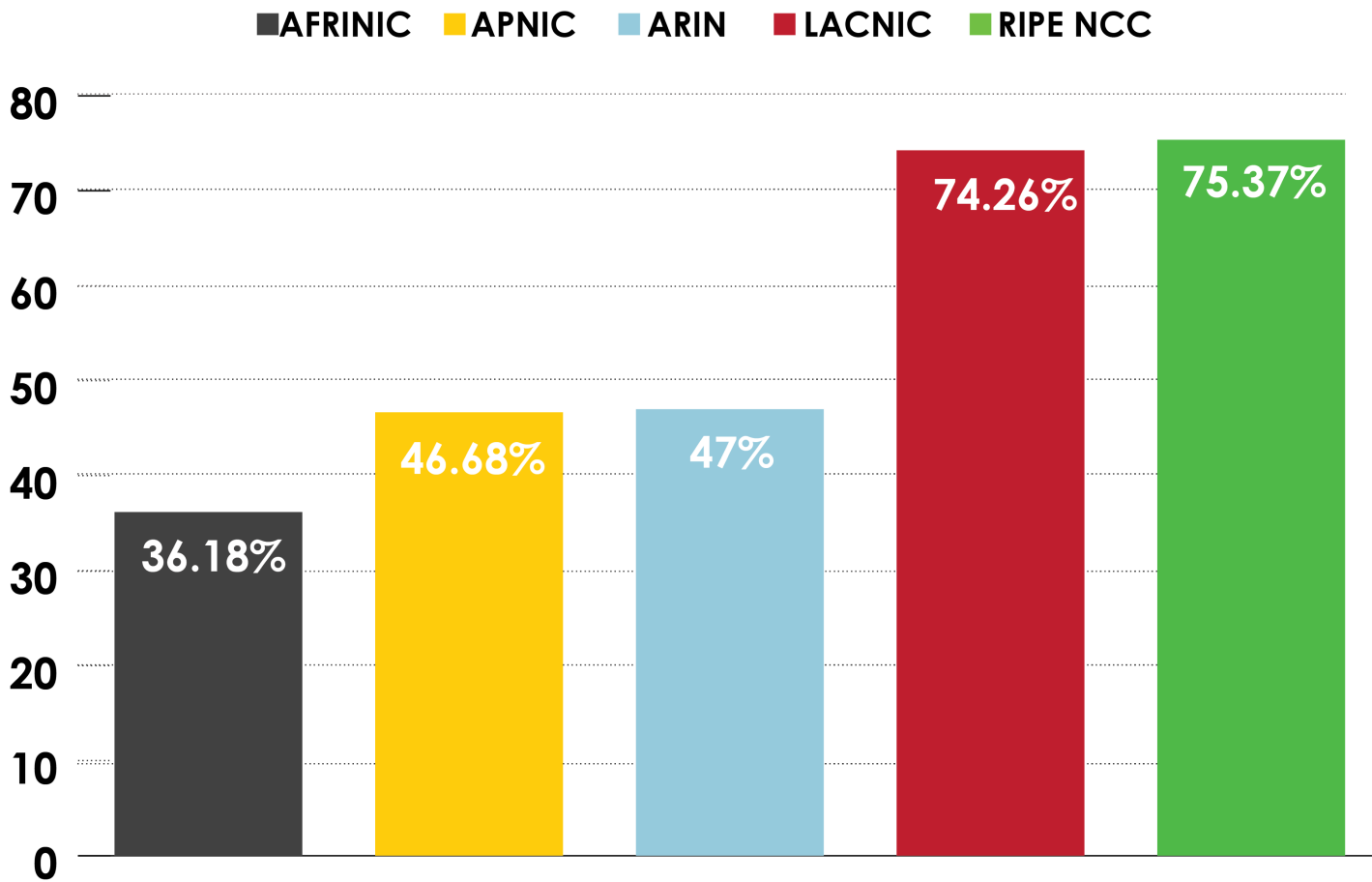
# IPv6 ASSIGNMENTS (RIRs TO END-USERS)

How many total assignments have been made by each RIR?  
(Jan 2002 – Mar 2015)





# PERCENTAGE OF MEMBERS WITH BOTH IPv4 AND IPv6 IN EACH RIR



2001:610:240:0-193.0.0.202 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193 0 0 203 195 048 02 03 62 109 128 195 048 02 03 178 12 09 02 2001:610:240 193 0 0 203  
Number Resource Organization





# LINKS TO RIR STATISTICS

- **RIR Stats:**

[www.nro.net/statistics](http://www.nro.net/statistics)

- **Raw Data/Historical RIR Allocations:**

[www.iana.org/assignments/ipv4-address-space](http://www.iana.org/assignments/ipv4-address-space)

[www.iana.org/assignments/as-numbers](http://www.iana.org/assignments/as-numbers)

[www.iana.org/assignments/ipv6-unicast-address-assignments](http://www.iana.org/assignments/ipv6-unicast-address-assignments)

2001:610:240:0-193.0.0.202 62 109 128 195 048 02 03 178 42 02 02 2001:610:240 193.0.0.203 195 048 02 03  
62 109 128 195 048 02 03 193.0.0.202 62 109 128 195 048 02 03 178 42 02 02 2001:610:240 193.0.0.203 195 048 02 03  
193.0.0.203 2001:610:240:0-193.0.0.202 62 109 128 195 048 02 03 178 42 02 02 2001:610:240 193.0.0.203 195 048 02 03  
2001:610:240:0-193.0.0.202 62 109 128 195 048 02 03 178 42 02 02 2001:610:240 193.0.0.203 195 048 02 03  
Number Resource Organization



# THANK YOU

2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203 195:048:02:03  
62:109:128 195:048:02:03 2001:610:240 193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203  
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203  
2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:09:02 2001:610:240 193:0:0:203  
Number Resource Organization