



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



INTERNET NUMBER RESOURCE STATUS REPORT

As of 31 March 2014

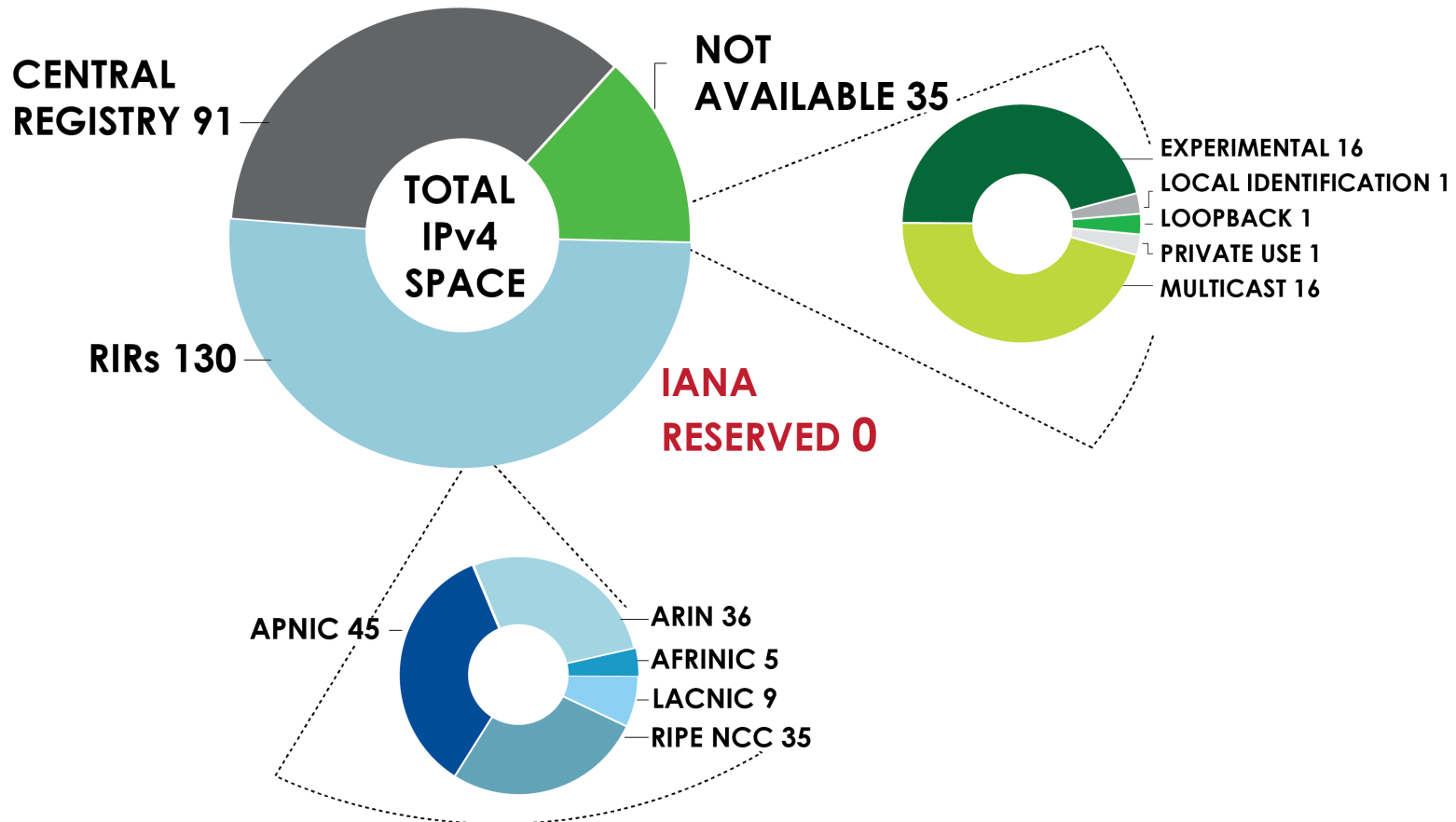
Prepared by
Regional Internet Registries
AFRINIC, APNIC, ARIN, LACNIC and the RIPE NCC

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

IPv4 ADDRESS SPACE

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

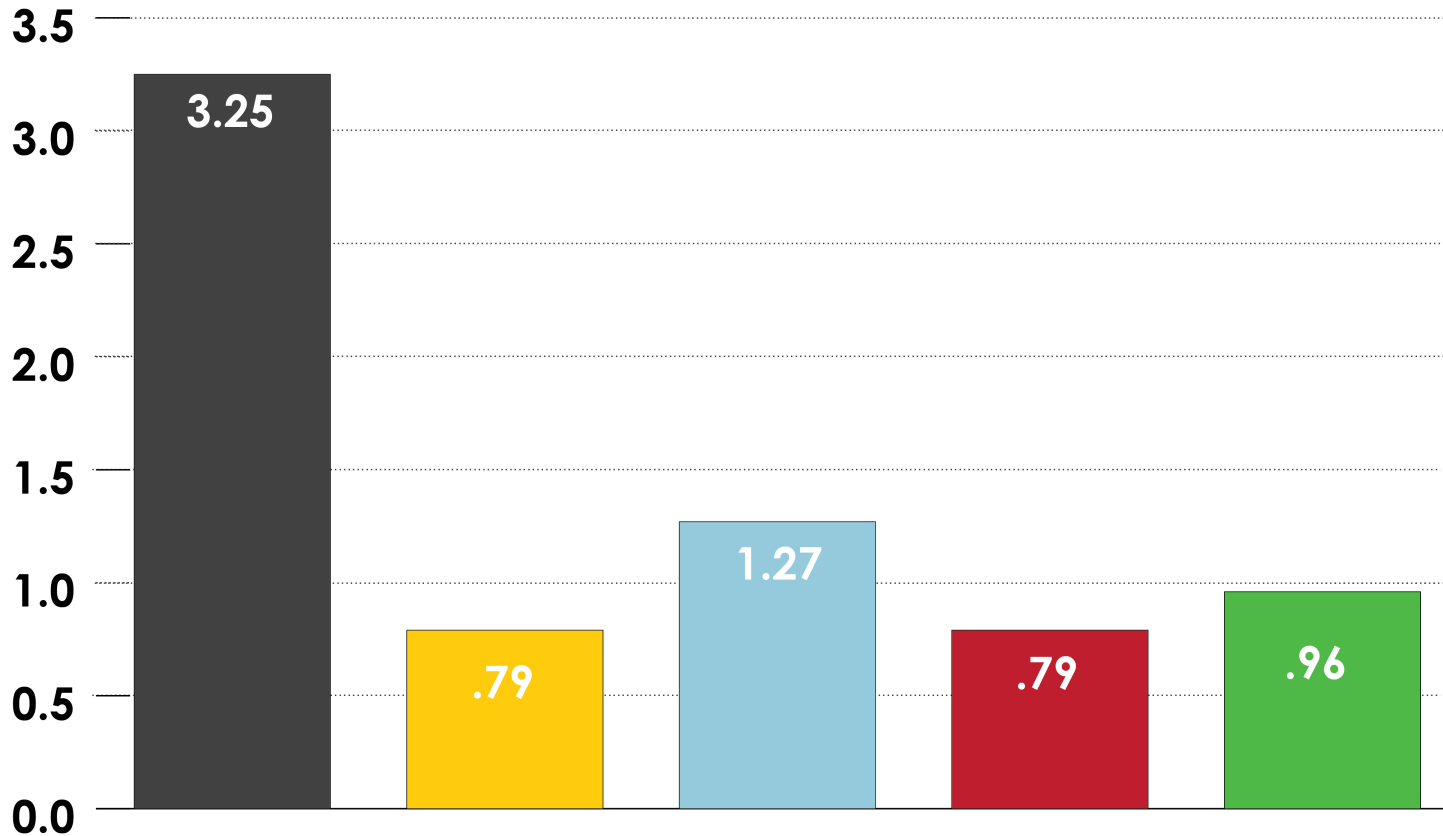
STATUS OF 256 /8s IPv4 ADDRESS SPACE



2001:610:240:0-1933:0:0:202 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 2001:610:240 193:0:0:203 195:048:02:03
 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

AVAILABLE IPv4 /8s IN EACH RIR

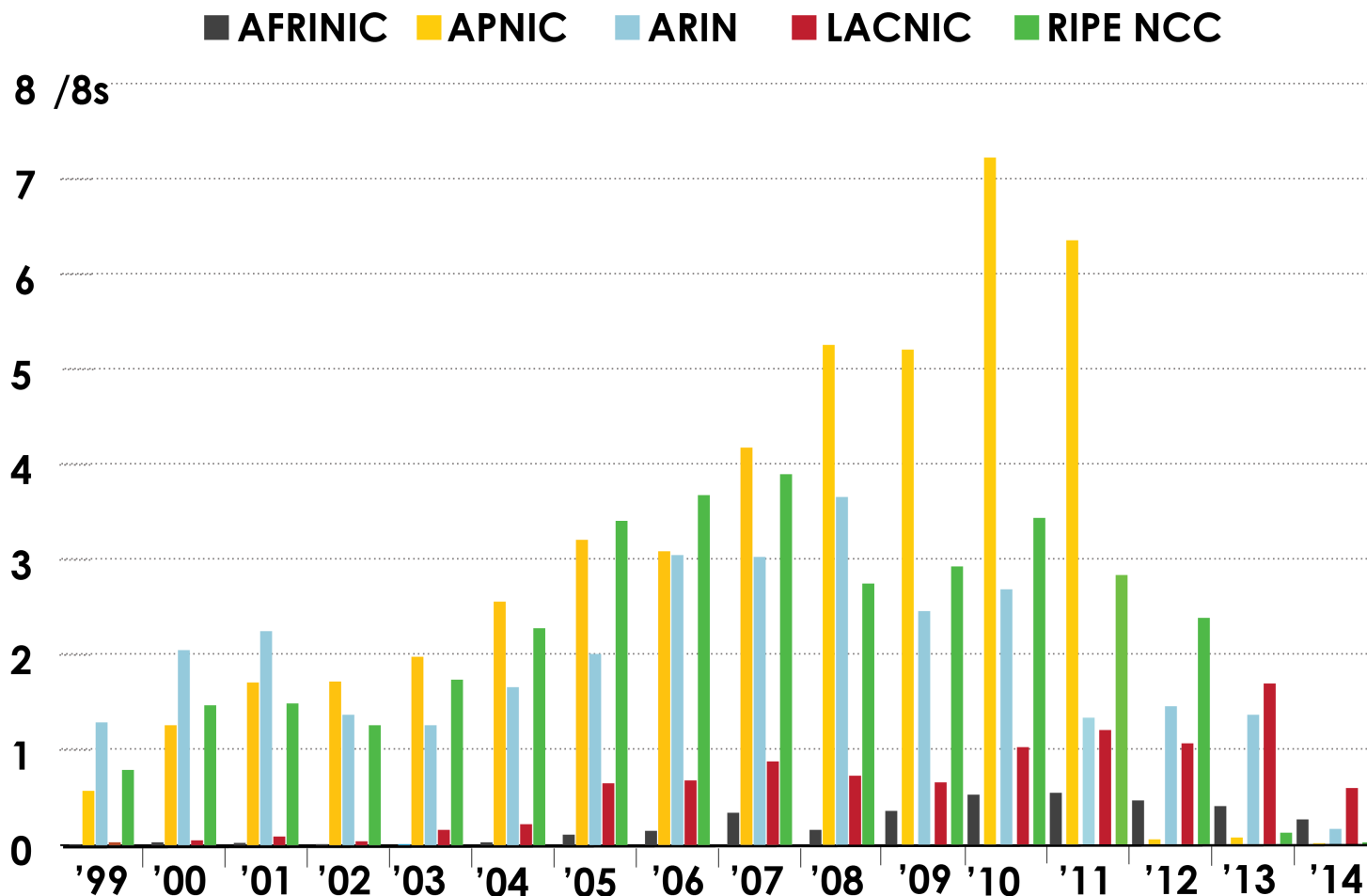
■ AFRINIC ■ APNIC ■ ARIN ■ LACNIC ■ RIPE NCC



Number Resource Organization

IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

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

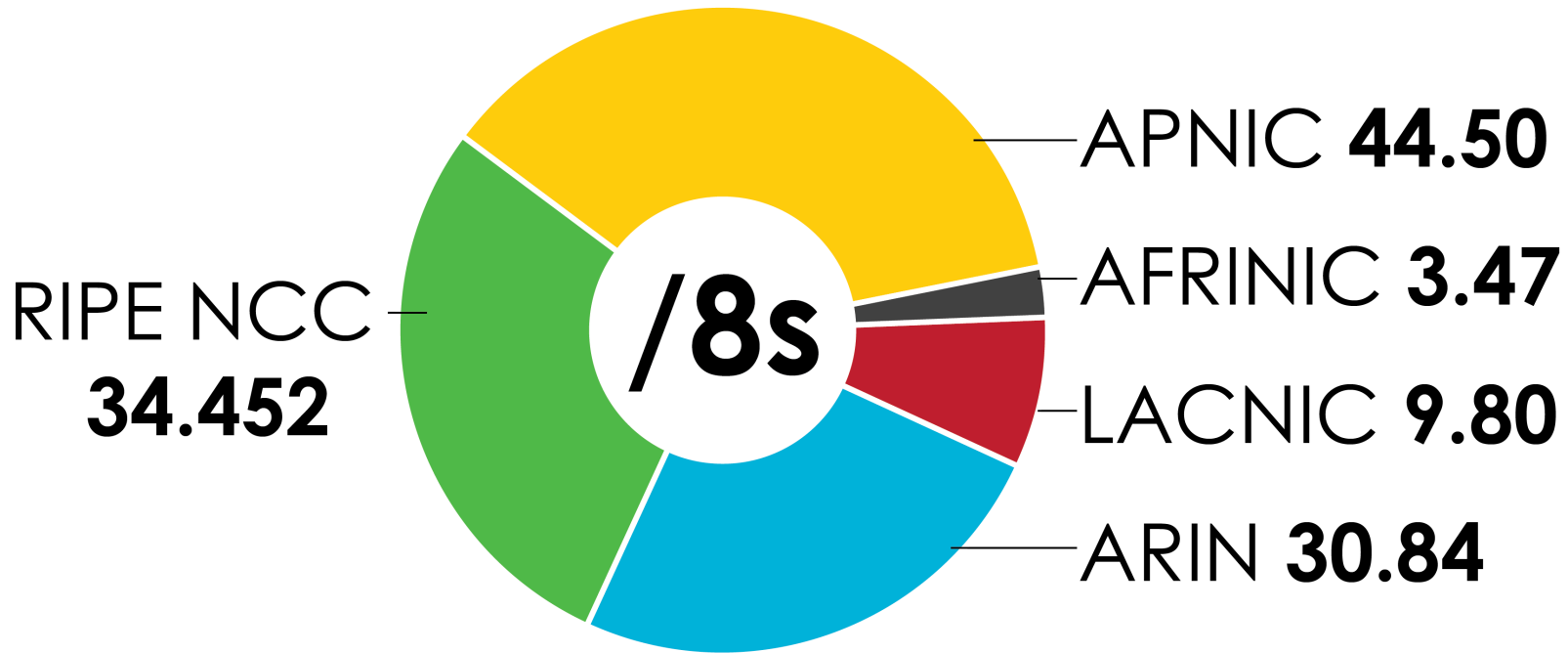


Number Resource Organization

1993.0.0.203 1995.048.02.03 1999.0.0.202 2001.610.240.0 1993.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001.610.240.0 193.0.0.203 2001.610.240.0 1993.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001.610.240.0 193.0.0.203 2001.610.240.0 1993.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001.610.240.0 193.0.0.203 2001.610.240.0 1993.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001.610.240.0 193.0.0.203

IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

In terms of /8s, how much total space has each RIR issued?
(Jan 1999 – Mar 2014)

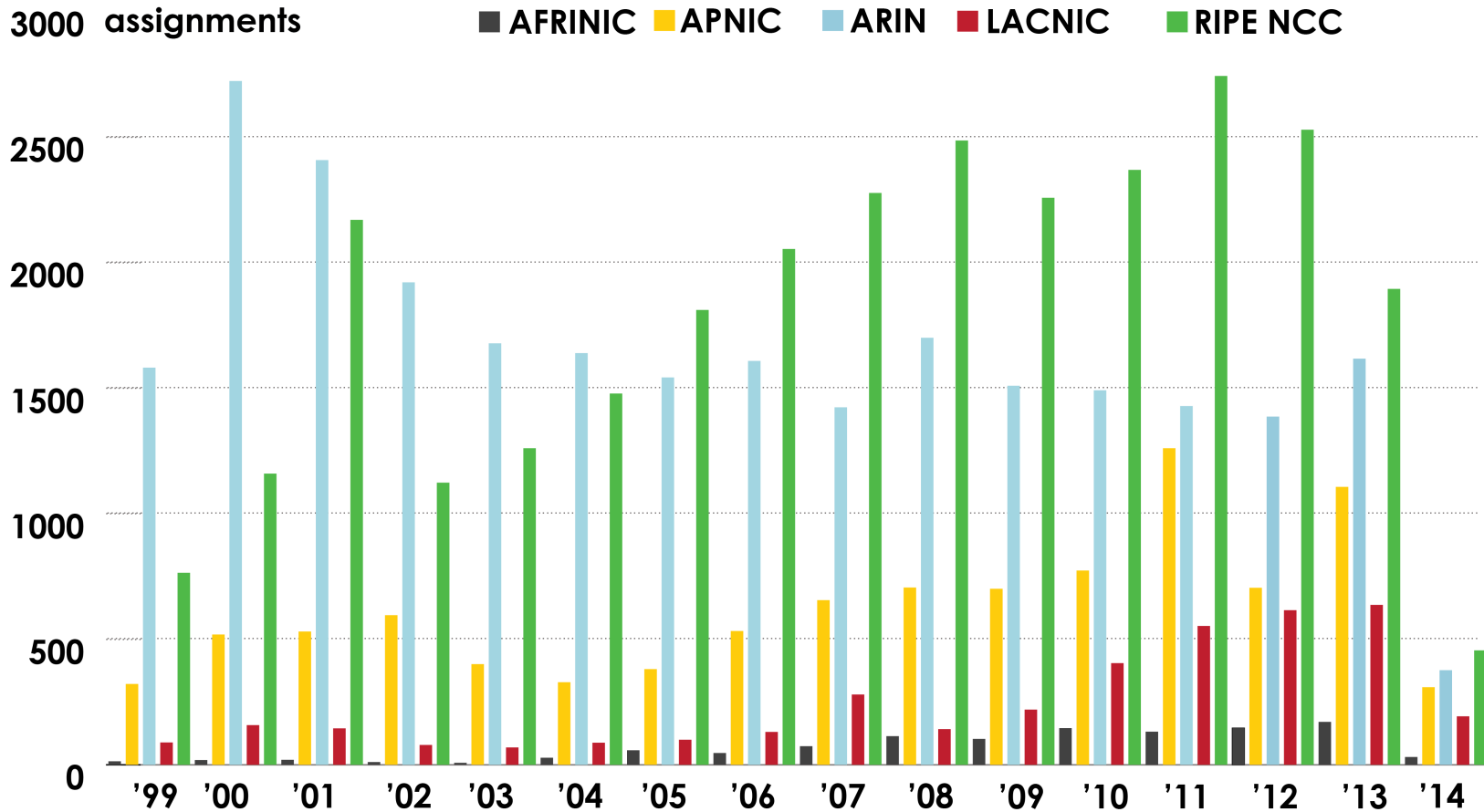


2001:610:240:0-193:0:0:202
62:109:128-195:048:02:03
193:0:0:203 2001:610:240:0-199:0:0:202
2001:610:240:0-193:0:0:202 62:109:128-195:048:02:03
193:0:0:203 2001:610:240:0-199:0:0:202 62:109:128-195:048:02:03
178:12:02:02 2001:610:240
193:0:0:203 195:048:02:03
193:0:0:203
Number Resource Organization



ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many ASNs has each RIR assigned by year?

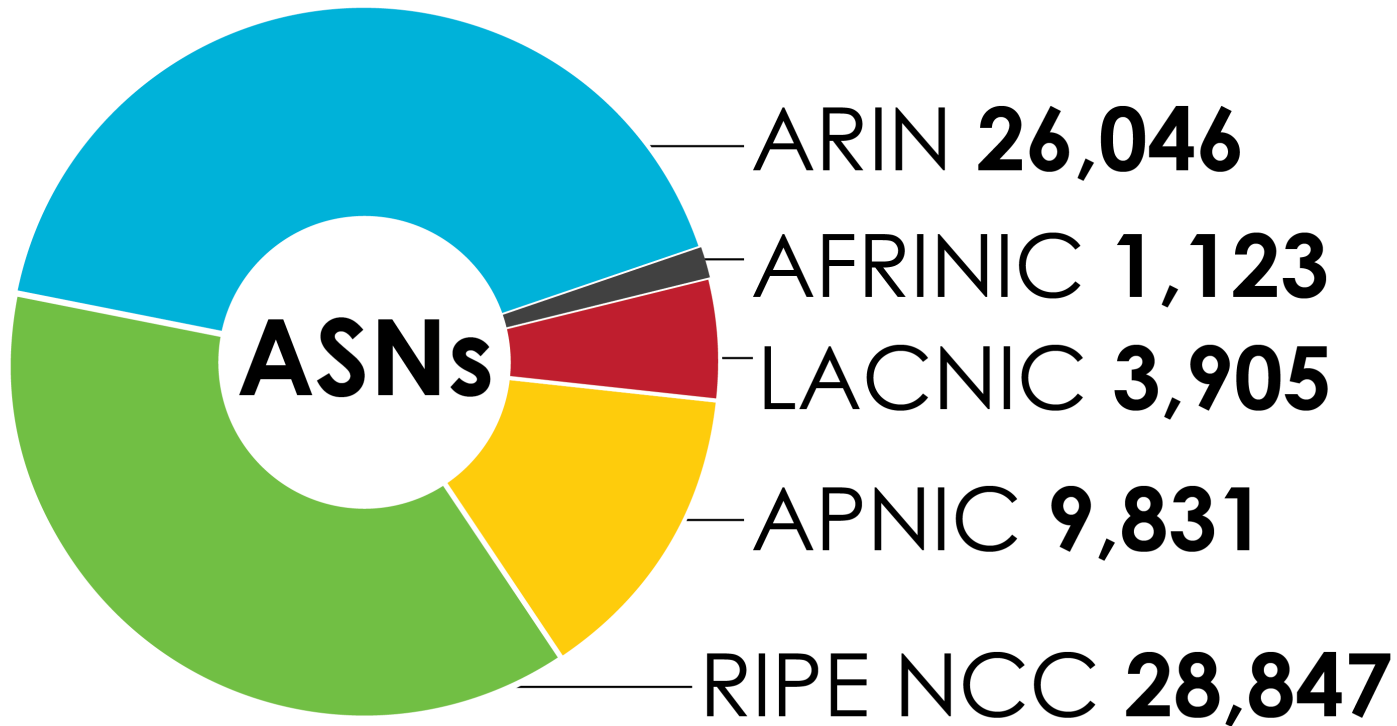


2001:610:240:0-1933:0:0:202 62:109:128:195:048:02:03 178:12:02:02 2001:610:240 1933:0:0:203 195:048:02:03
62:109:128:195:048:02:03 2001:610:240 1933:0:0:202 62:109:128:195:048:02:03 178:12:02:02 2001:610:240 1933:0:0:203
1933:0:0:203 2001:610:240:0-1933:0:0:202 62:109:128:195:048:02:03 178:12:02:02 2001:610:240 1933:0:0:203
2001:610:240:0-1933:0:0:202 62:109:128:195:048:02:03 178:12:02:02 2001:610:240 1933:0:0:203
Number Resource Organization



ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many total ASNs has each RIR assigned?
(Jan 1999 – Mar 2014)

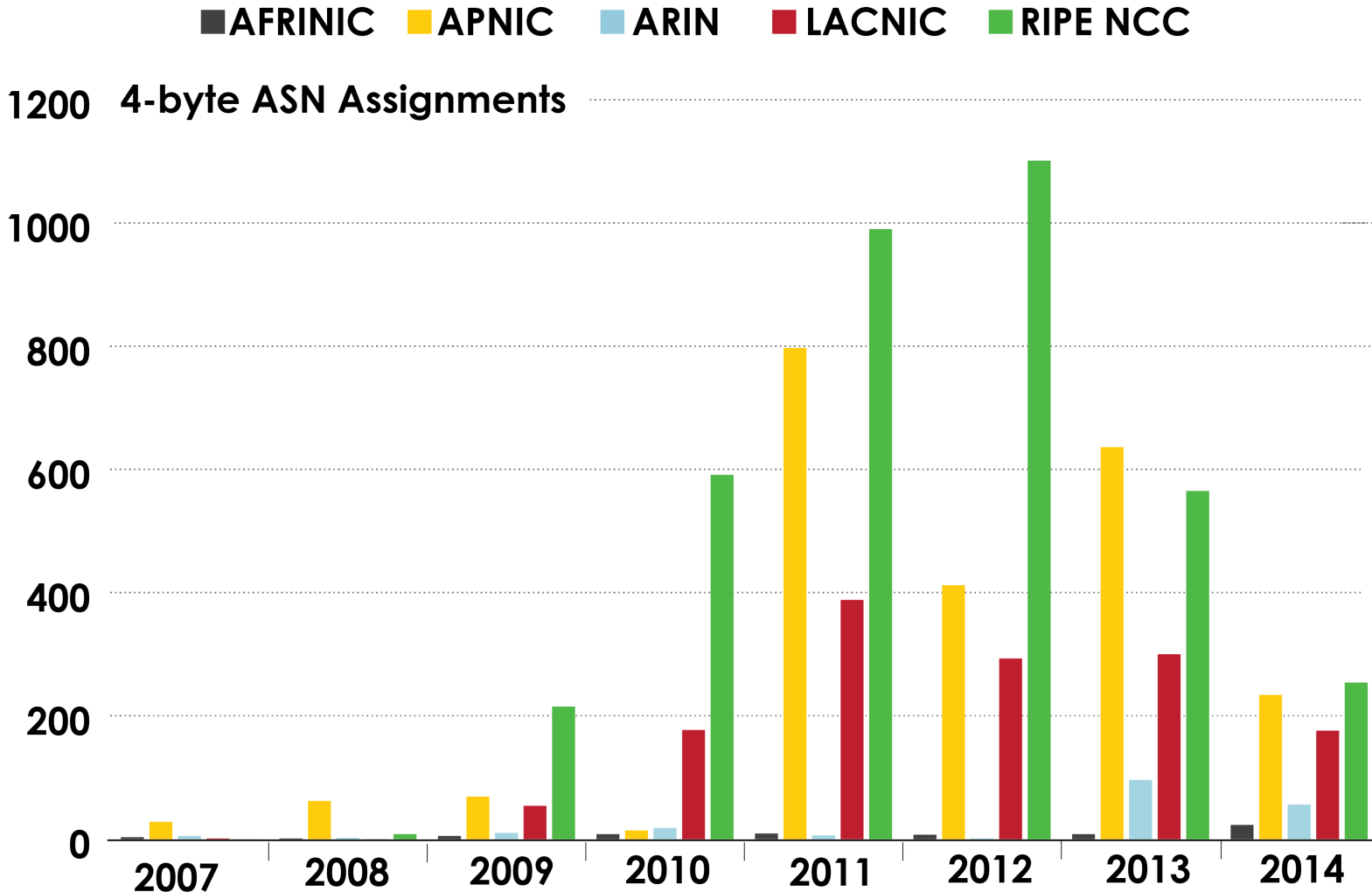


2001:610:240:0-193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03
62.109.128 195.048.02.03 2001:610:240 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203
193.0.0.203 2001:610:240:0-193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203
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
Number Resource Organization



4-BYTE ASN ASSIGNMENTS

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

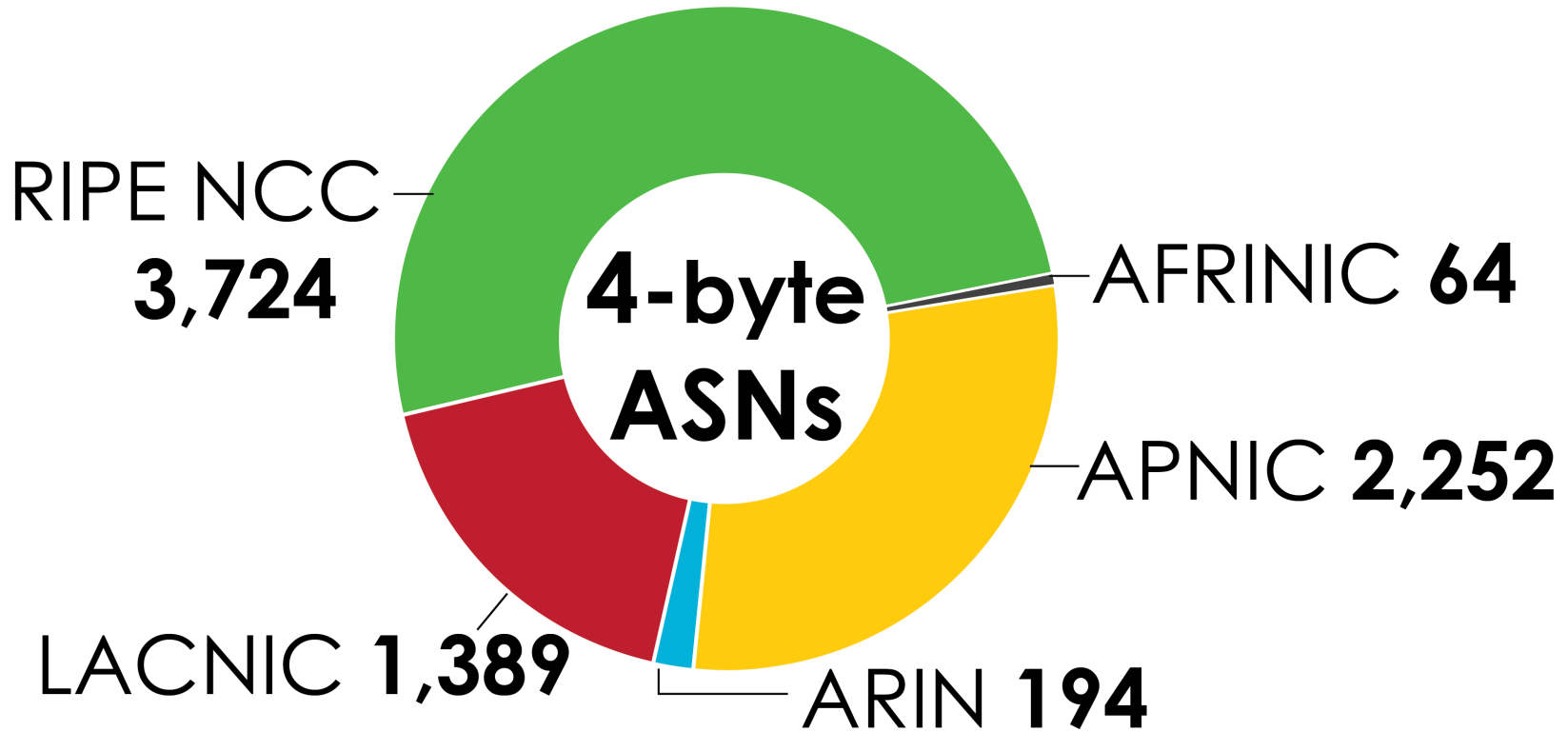


2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203 195:048:02:03
62:109:128 195:048:02:03 2001:610:240 193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
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
Number Resource Organization



4-BYTE ASN ASSIGNMENTS

How many total 4-byte ASNs has each RIR assigned?
(Jan 2007 – Mar 2014)

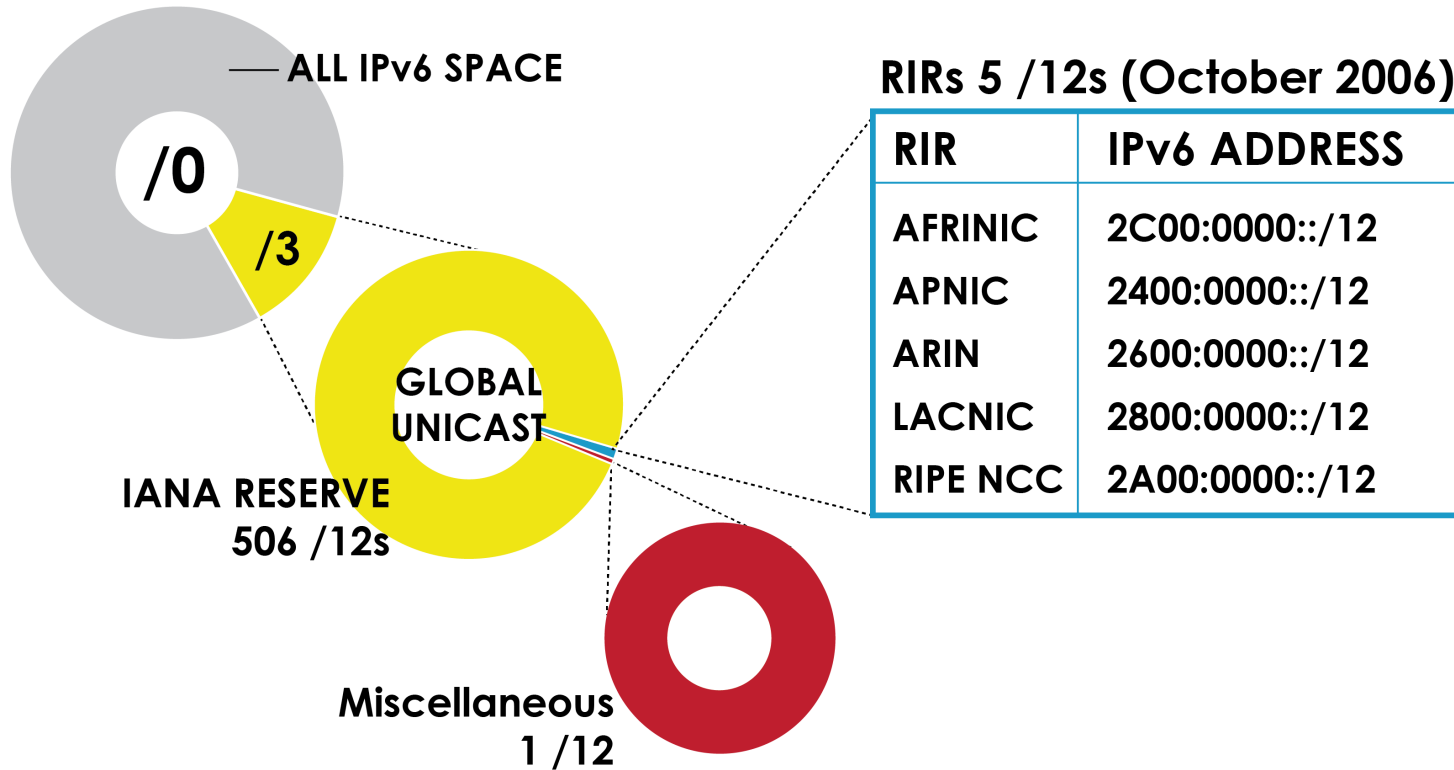


2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203 195:048:02:03
62:109:128 195:048:02:03 2001:610:240 193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:42:02:02 2001:610:240 193:0:0:203
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
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
Number Resource Organization



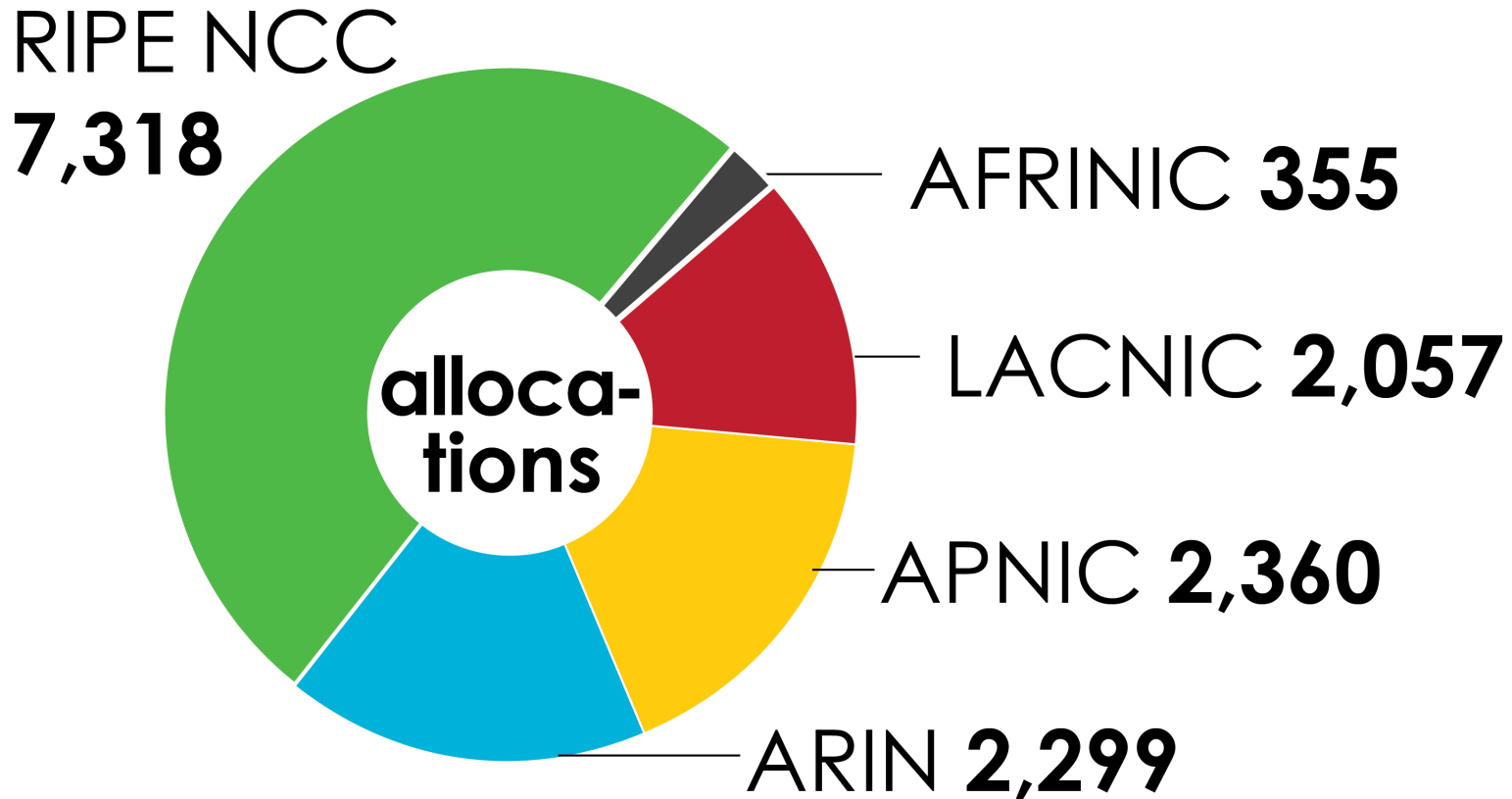
IPv6 ADDRESS SPACE

How much has been allocated to the RIRs?



IPv6 ALLOCATIONS (RIRs TO LIRs/ISPs)

How many total allocations have been made by each RIR?
(Jan 1999 – Mar 2014)

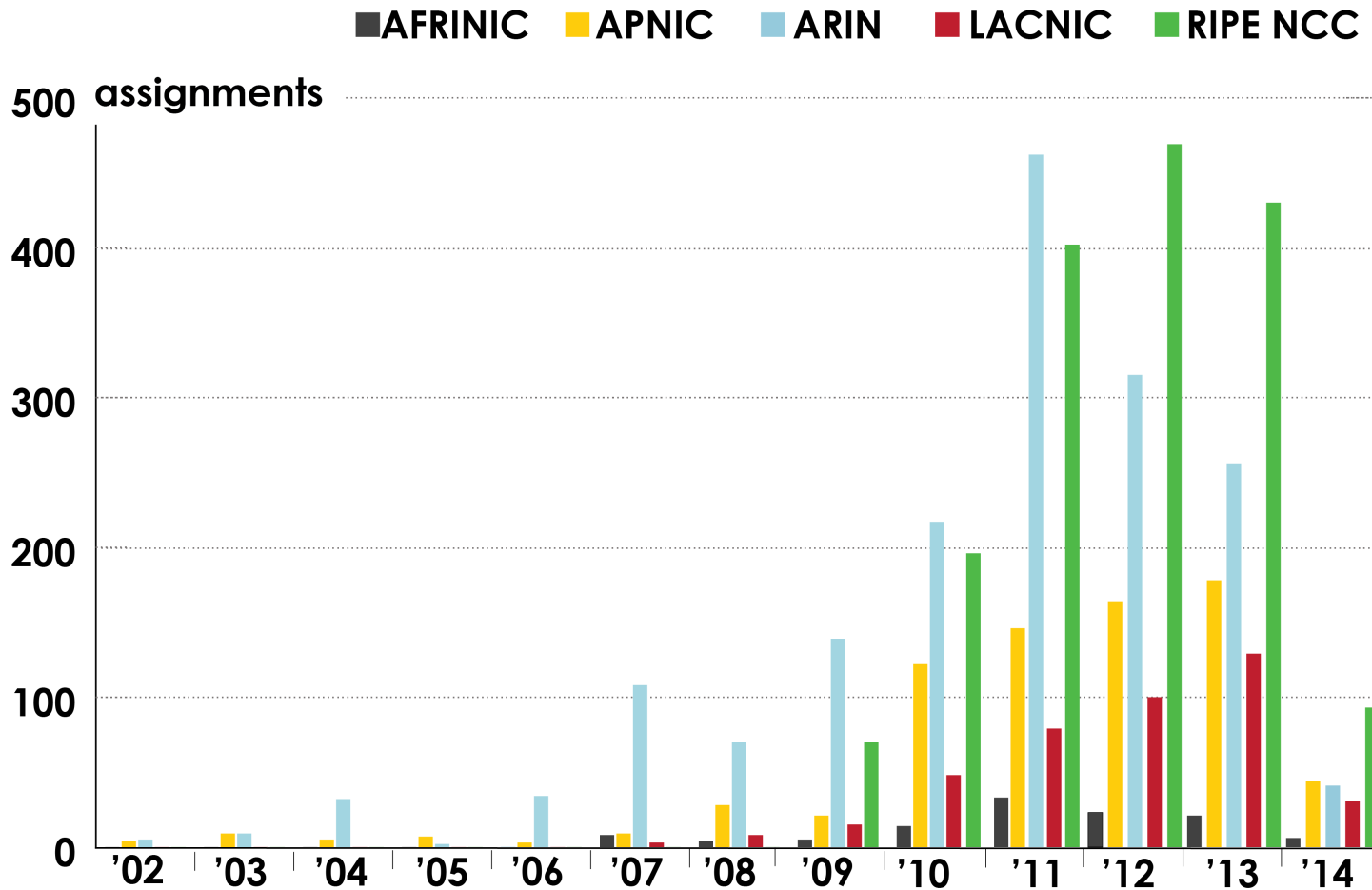


2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203 195:048:02:03
62:109:128 195:048:02:03 2001:610:240 193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240 193:0:0:203
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128 195:048:02:03 178:12:02:02 2001:610:240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



IPv6 ASSIGNMENTS RIRS TO END-USERS

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

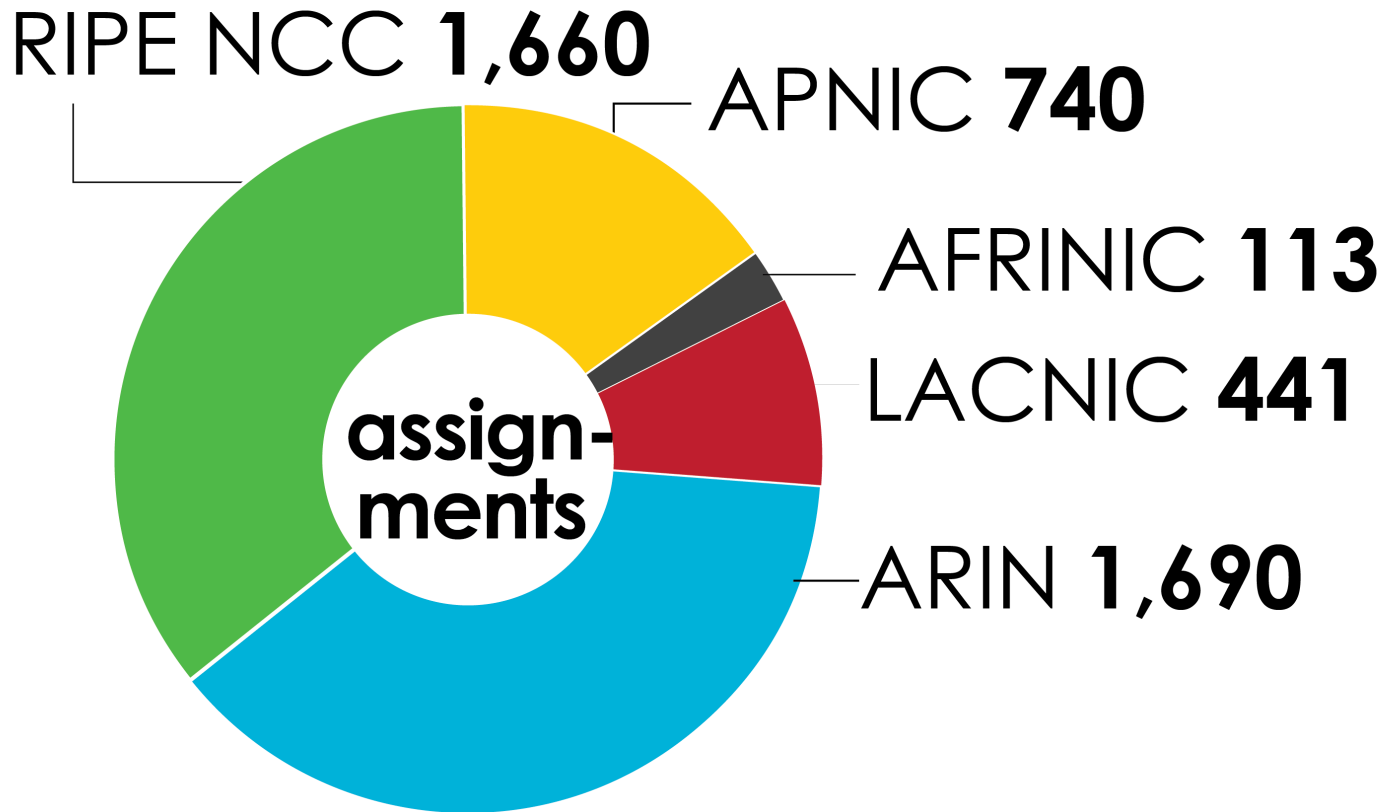


2001:610:240:0-193:0:0:202
62:109:128-195:048:02:03
193:0:0:203 2001:610:240:0-193:0:0:202
2001:610:240:0-193:0:0:202
Number Resource Organization



IPv6 ASSIGNMENTS (RIRs TO END-USERS)

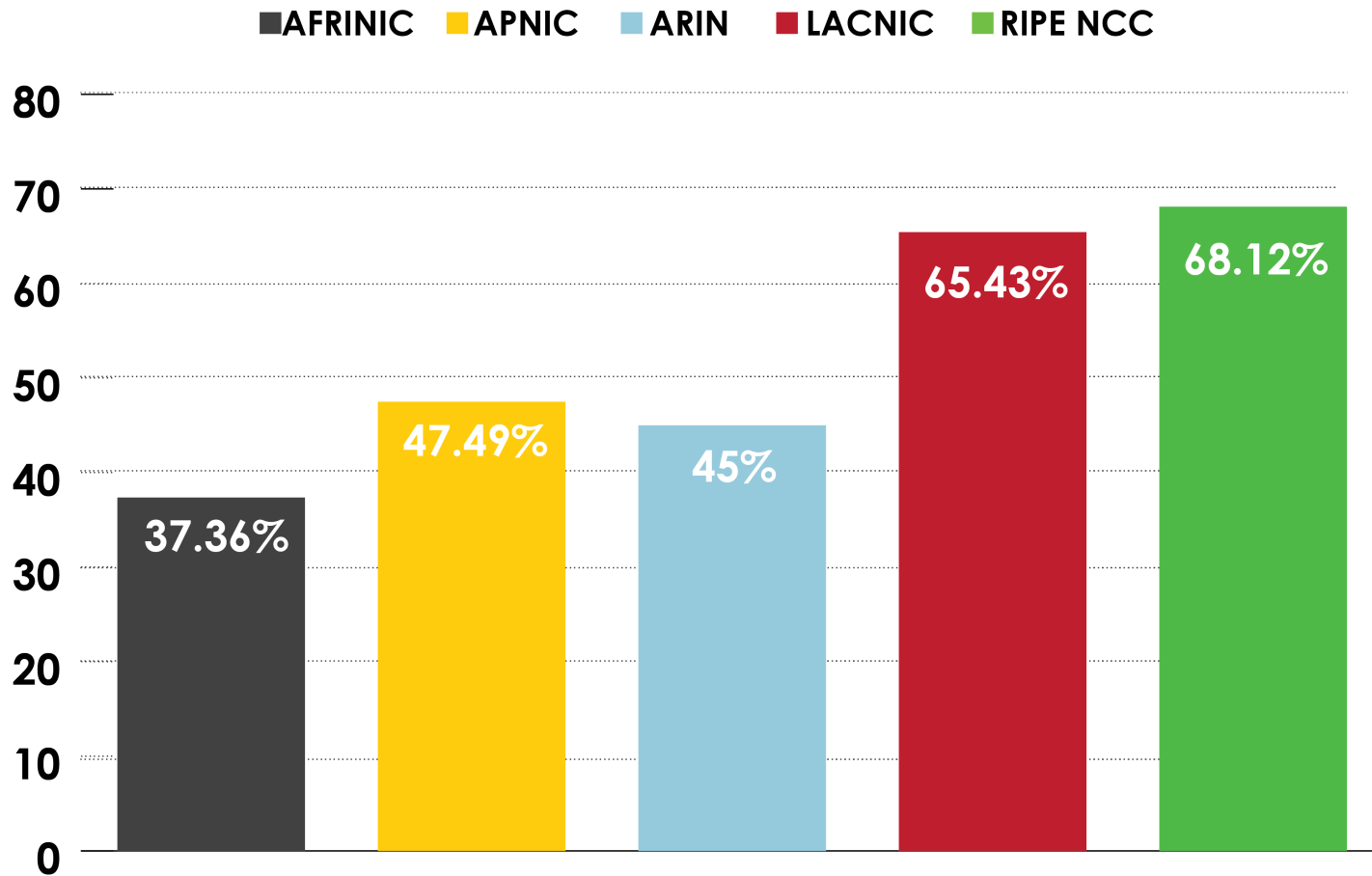
How many total assignments have been made by each RIR?
(Jan 2002 – Mar 2014)



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 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
Number Resource Organization



PERCENTAGE OF MEMBERS WITH BOTH IPv4 AND IPv6 IN EACH RIR



2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03
62.109.128 195.048.02.03 2001:610:240 193.0.0.203 2001:610:240 193.0.0.202
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03
Number Resource Organization

LINKS TO RIR STATISTICS

- **RIR Stats:**

www.nro.net/statistics

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

www.iana.org/assignments/ipv4-address-space

www.iana.org/assignments/as-numbers

www.iana.org/assignments/ipv6-unicast-address-assignments



THANK YOU

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 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
Number Resource Organization