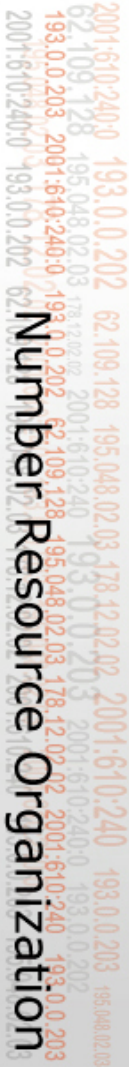




2001:610:240-193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03
62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203
193.0.0.203 2001:610:240-193.0.0.202 62.109.128 195.048.02.03 178.42.02.02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



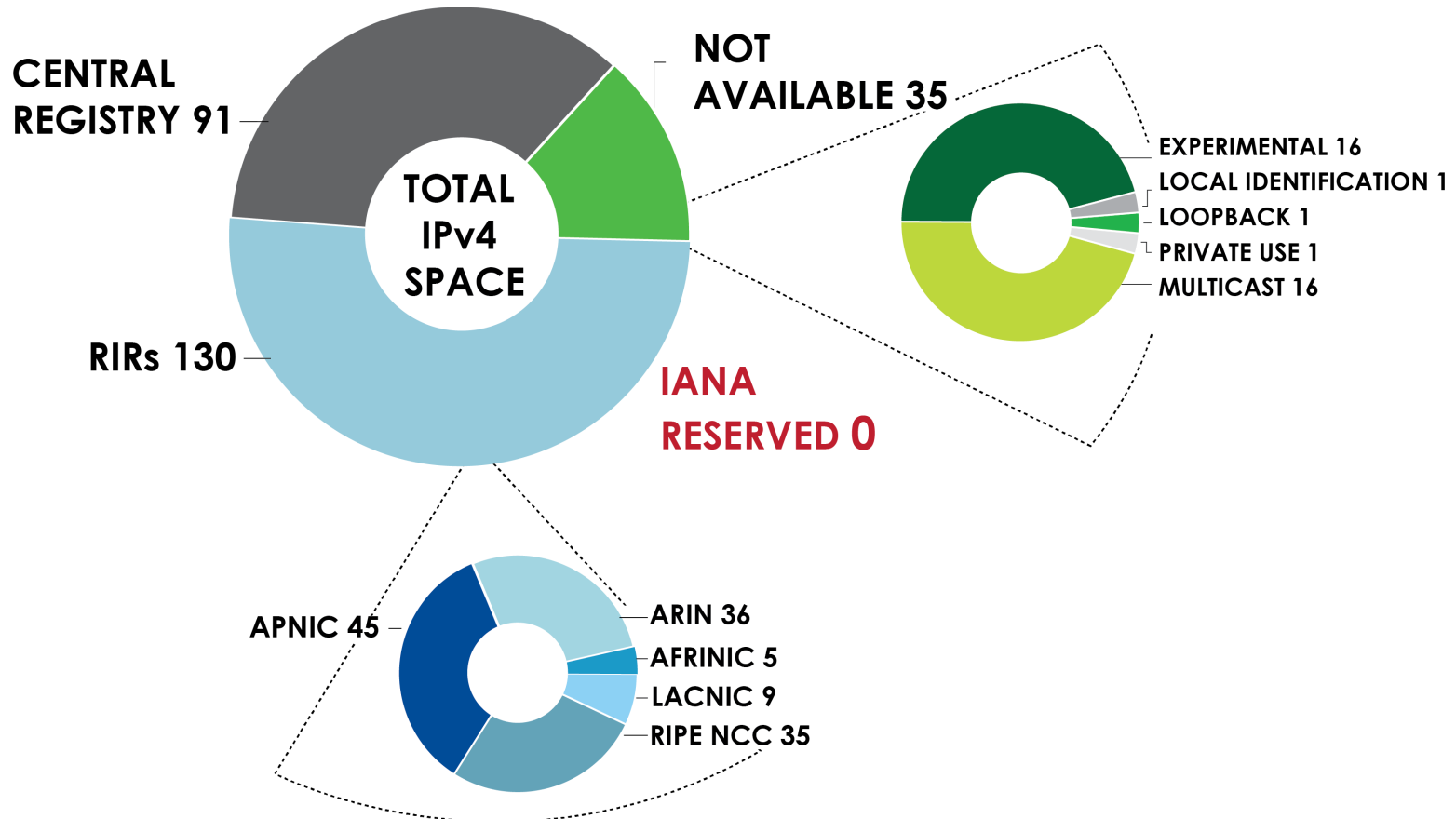
As of 30 September 2016

Number Resource Organization

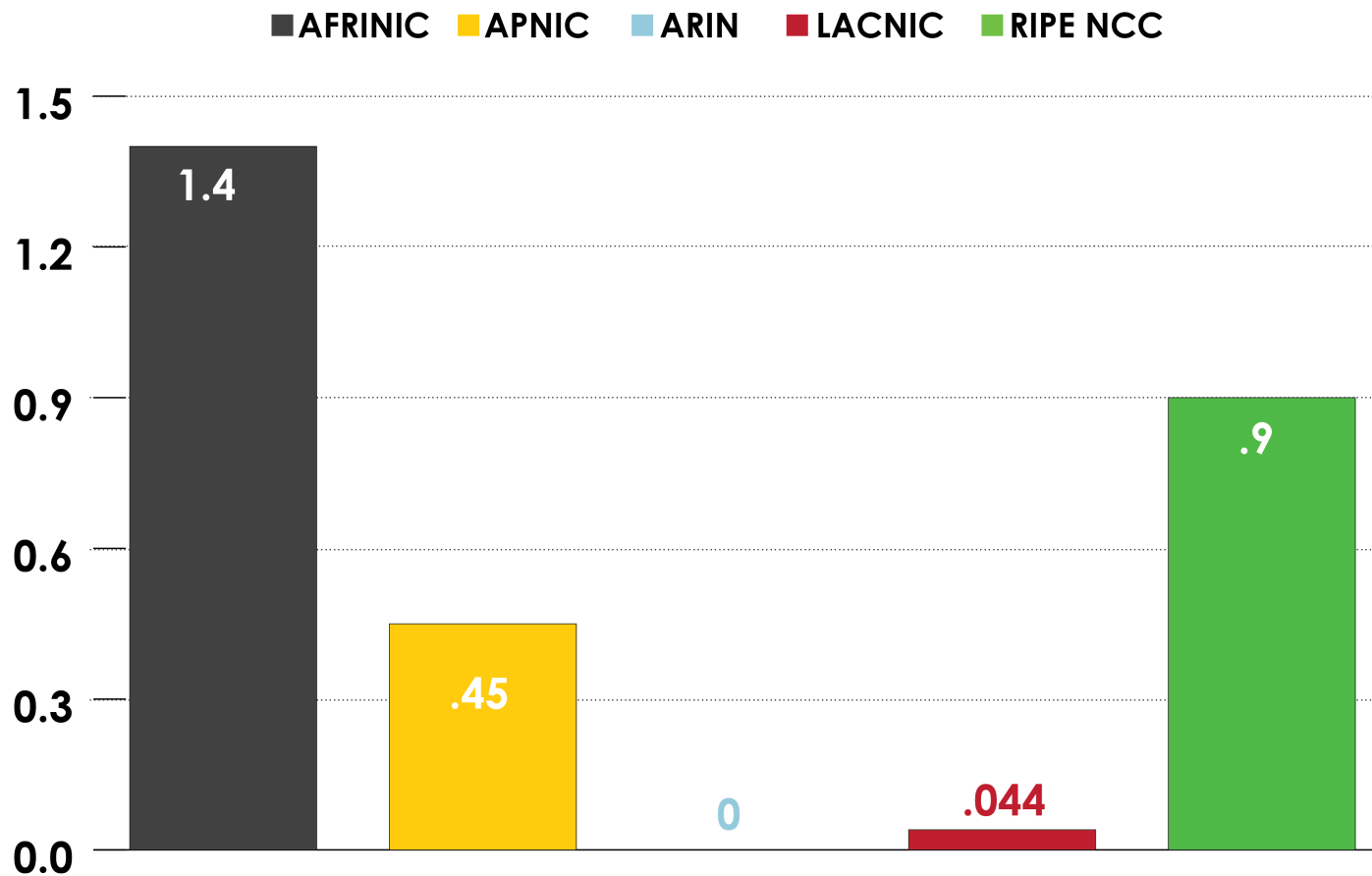
IPv4 ADDRESS SPACE

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

STATUS OF 256 /8s IPv4 ADDRESS SPACE



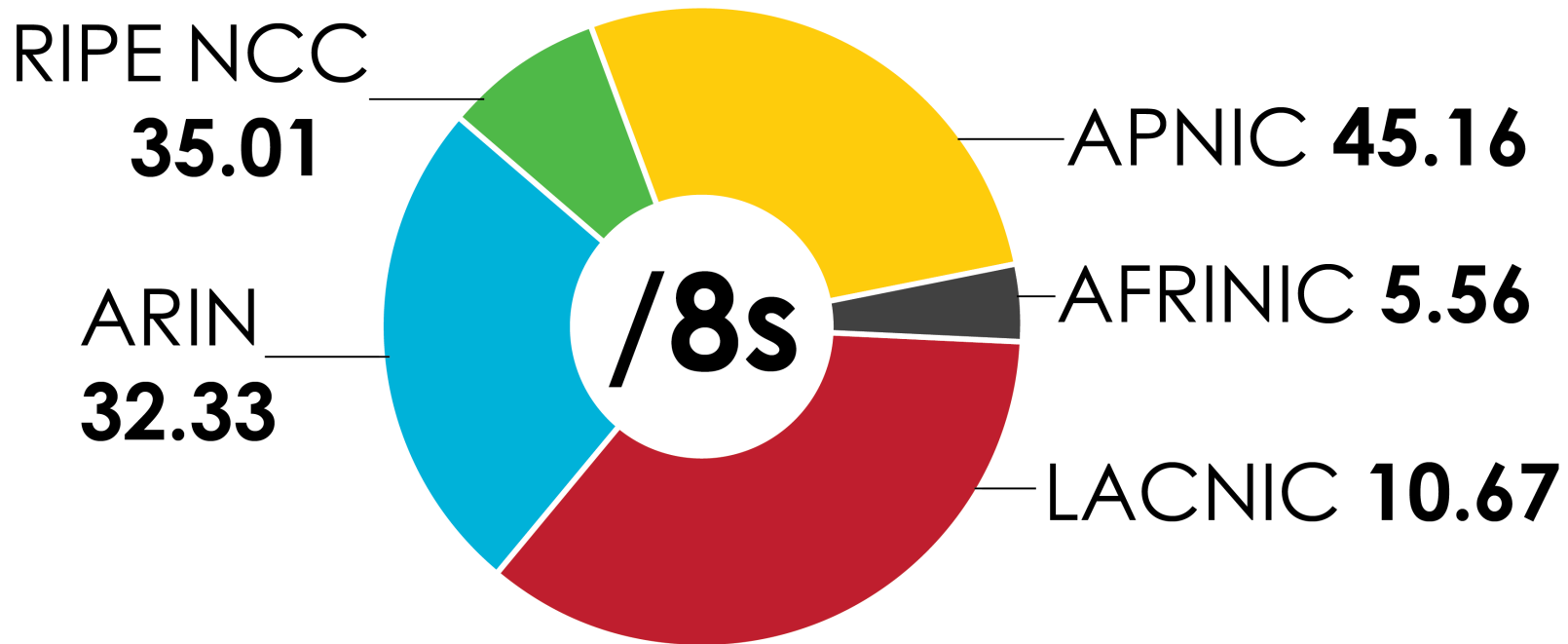
AVAILABLE IPv4 /8s IN EACH RIR





IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

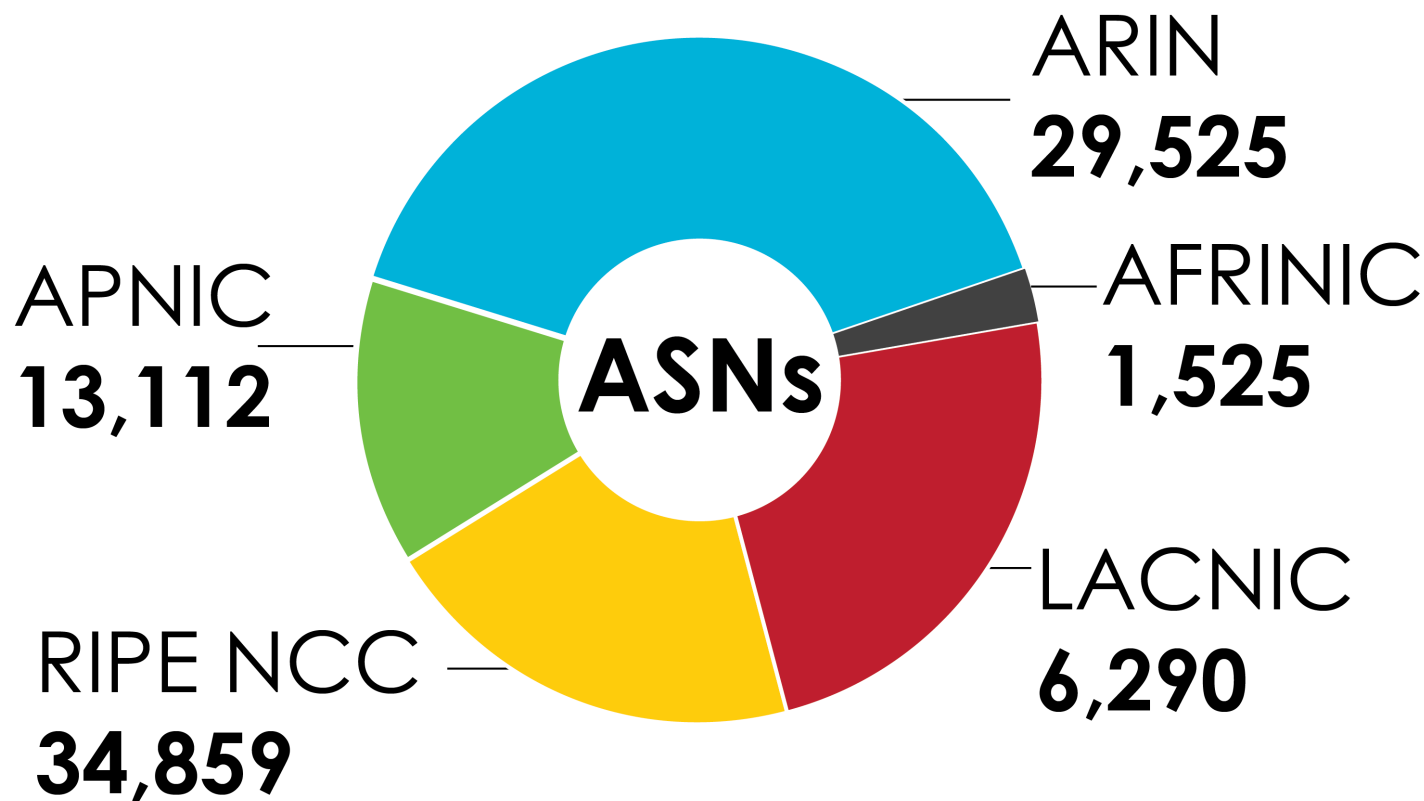
In terms of /8s, how much total space has each RIR issued?
(Jan 1999 – Sept 2016)



Number Resource Organization

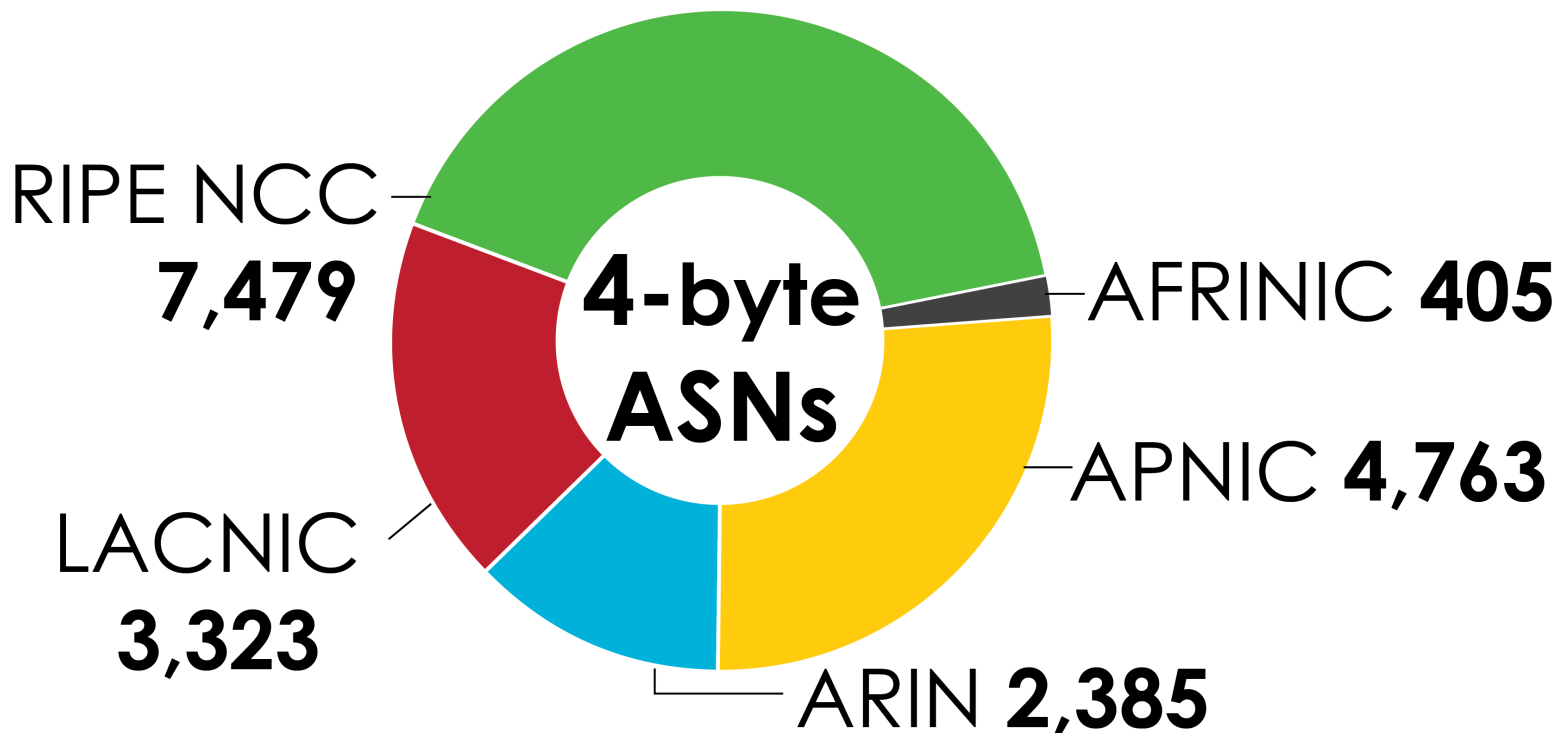
ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many total ASNs has each RIR assigned?
(Jan 1999 – Sept 2016)



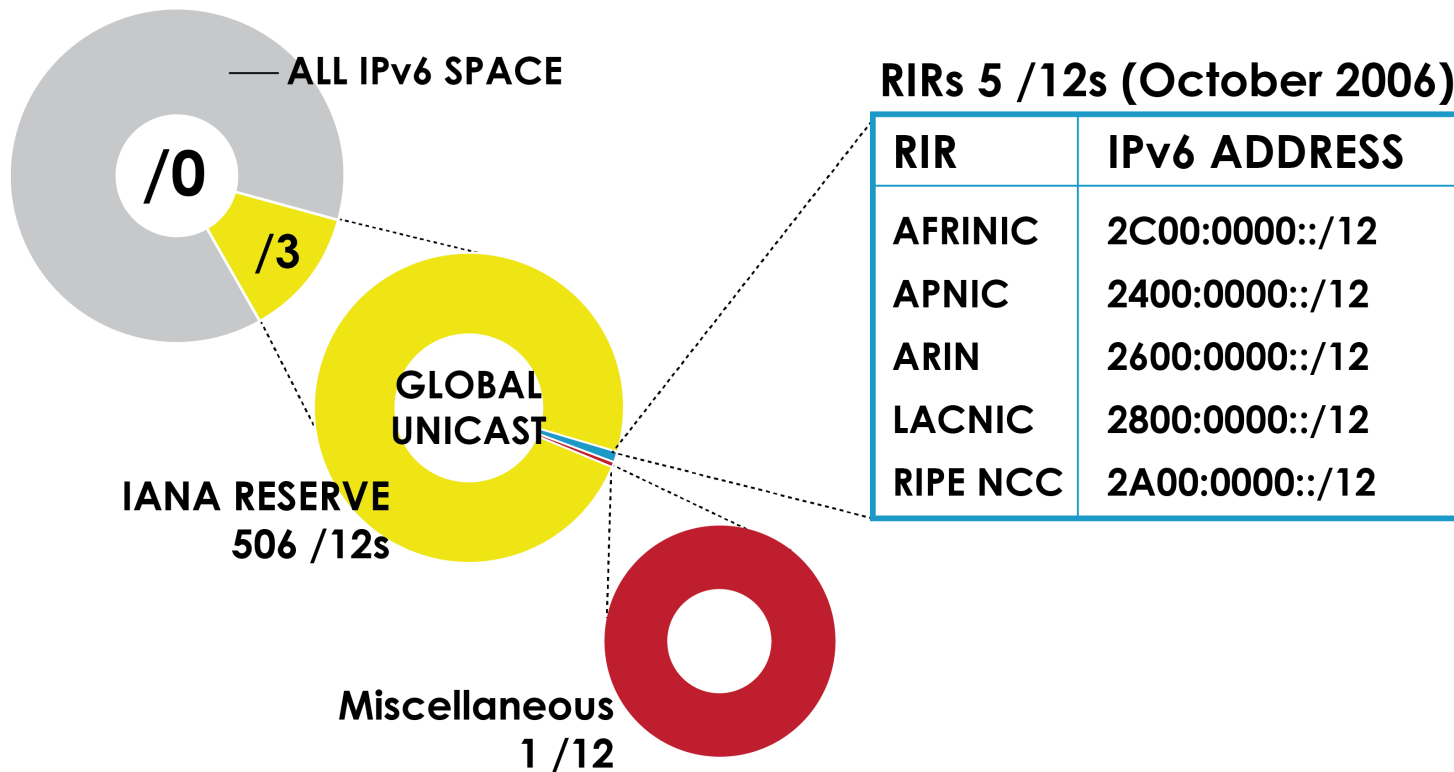
4-BYTE ASN ASSIGNMENTS

How many total 4-byte ASNs has each RIR assigned?
(Jan 2007 – Sept 2016)



IPv6 ADDRESS SPACE

How much has been allocated to the RIRs?

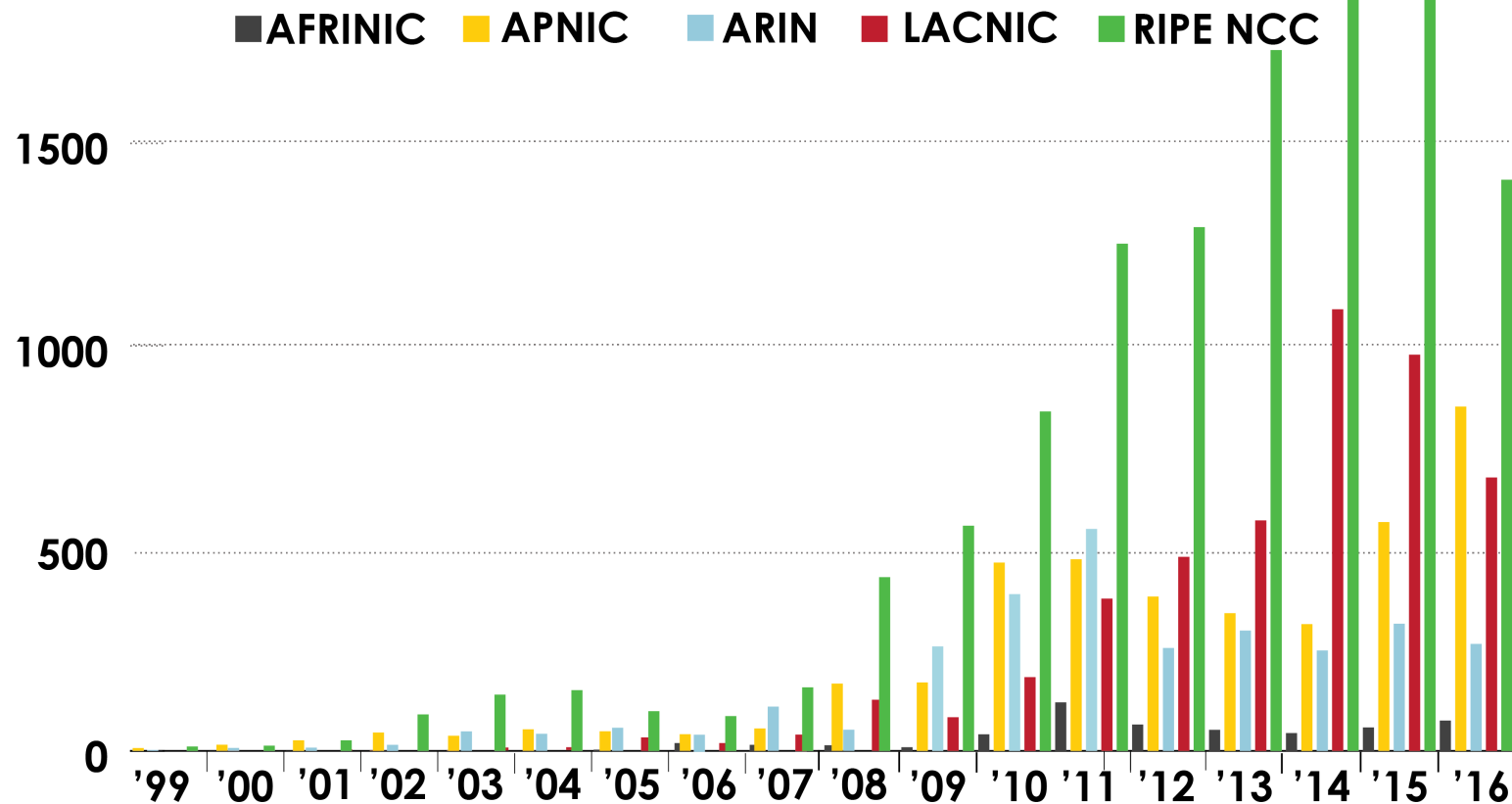




IPv6 ALLOCATIONS (RIRs TO LIRs/ISPs)

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

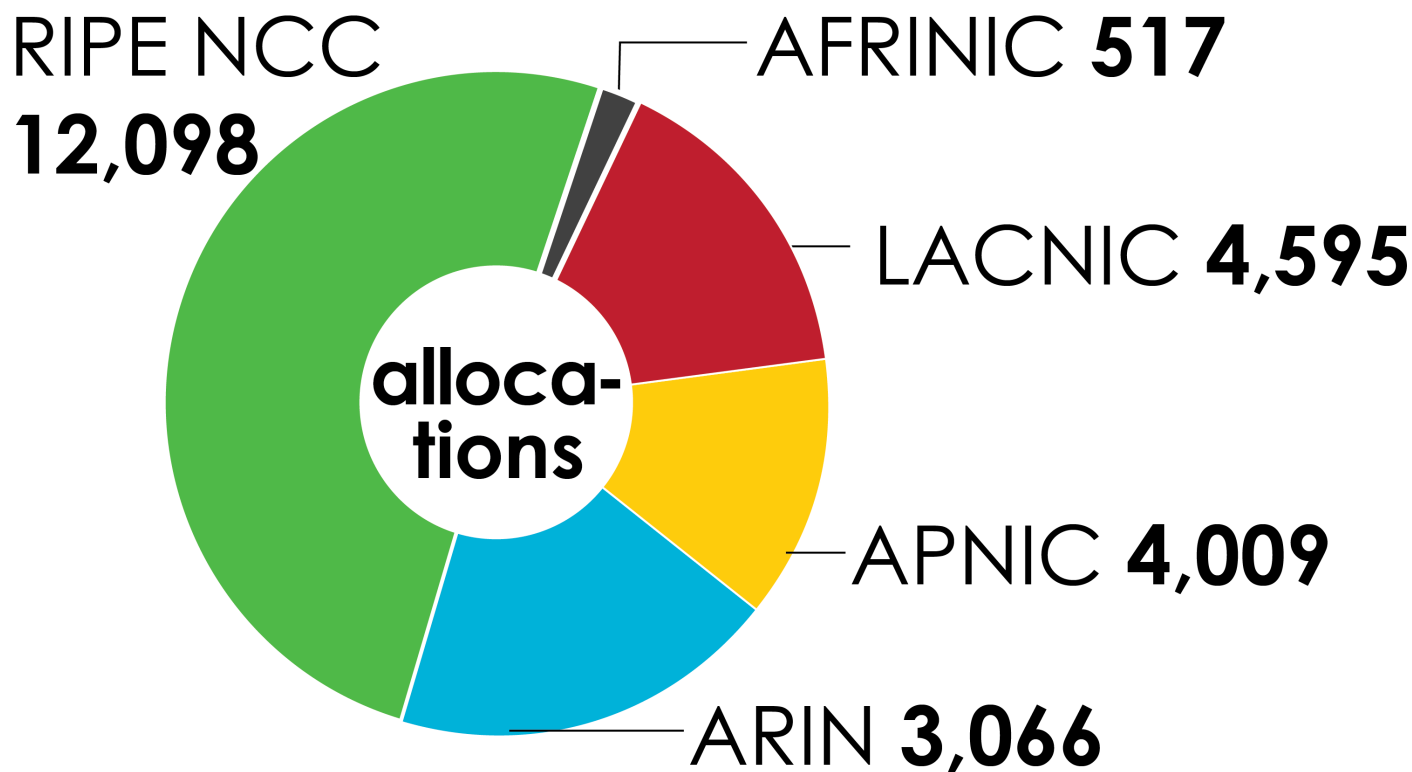
2000 allocations



Number Resource Organization

IPv6 ALLOCATIONS (RIRs TO LIRs/ISPs)

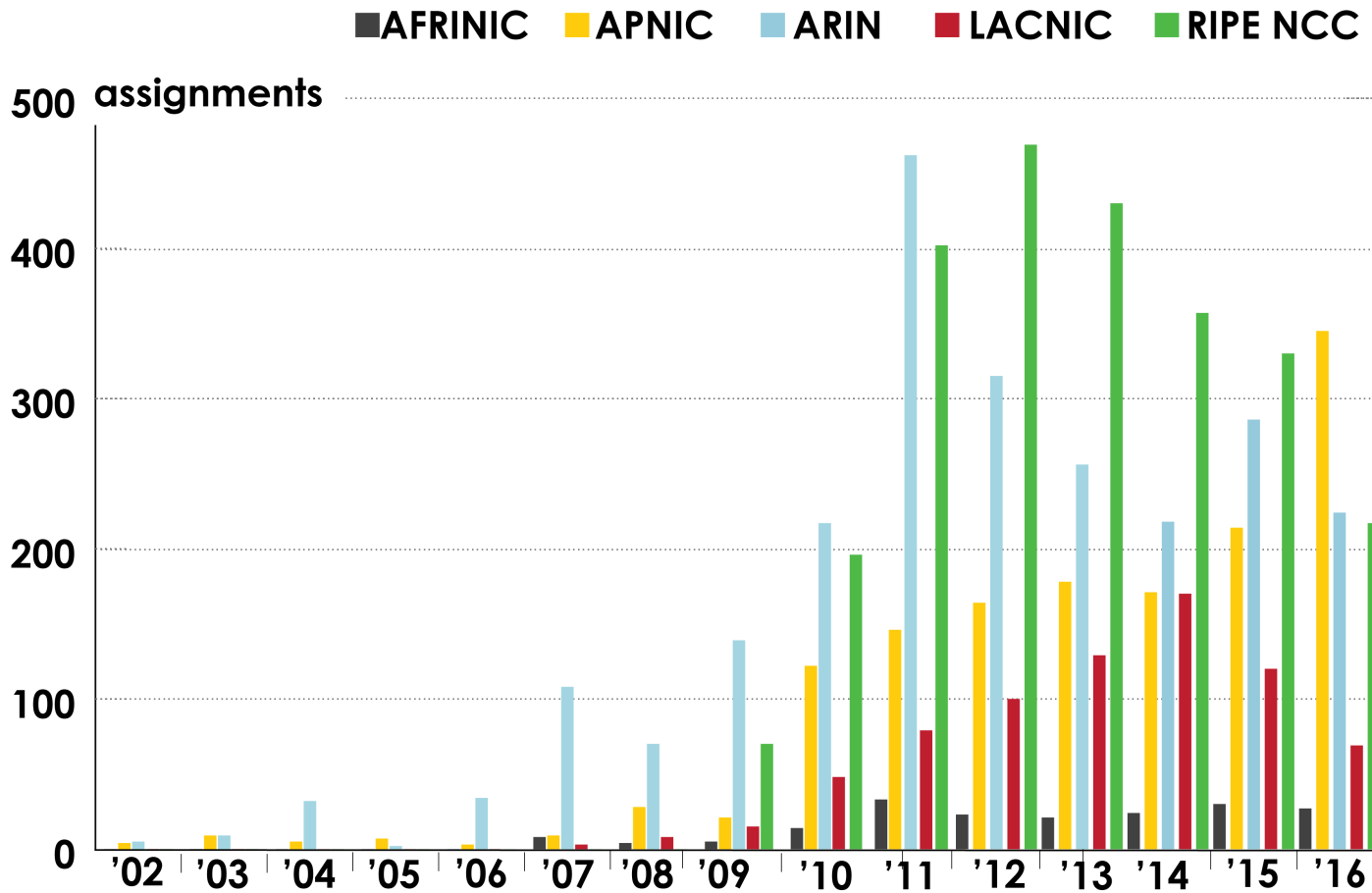
How many total allocations have been made by each RIR?
(Jan 1999 – Sept 2016)





IPv6 ASSIGNMENTS RIRS TO END-USERS

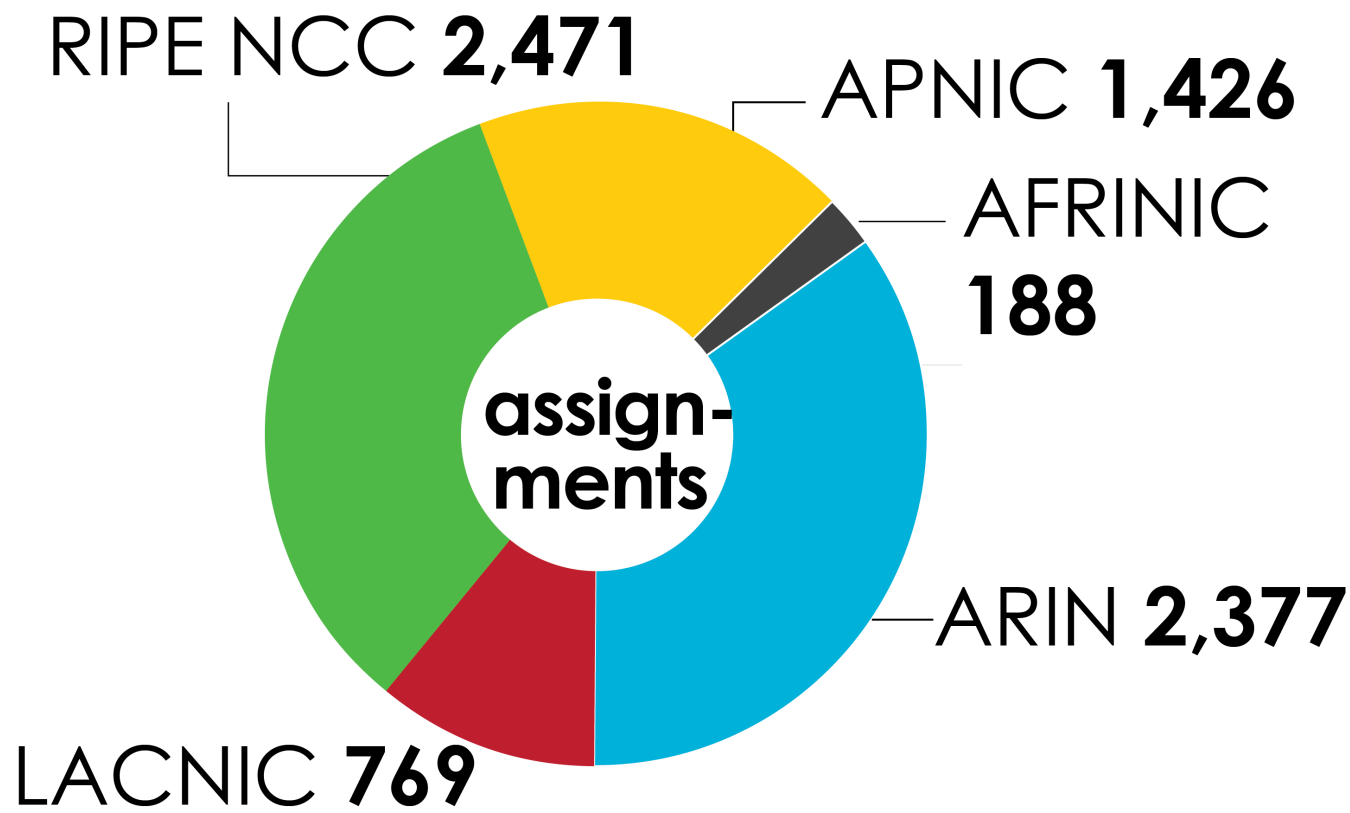
How many assignments have been made by each RIR by year?



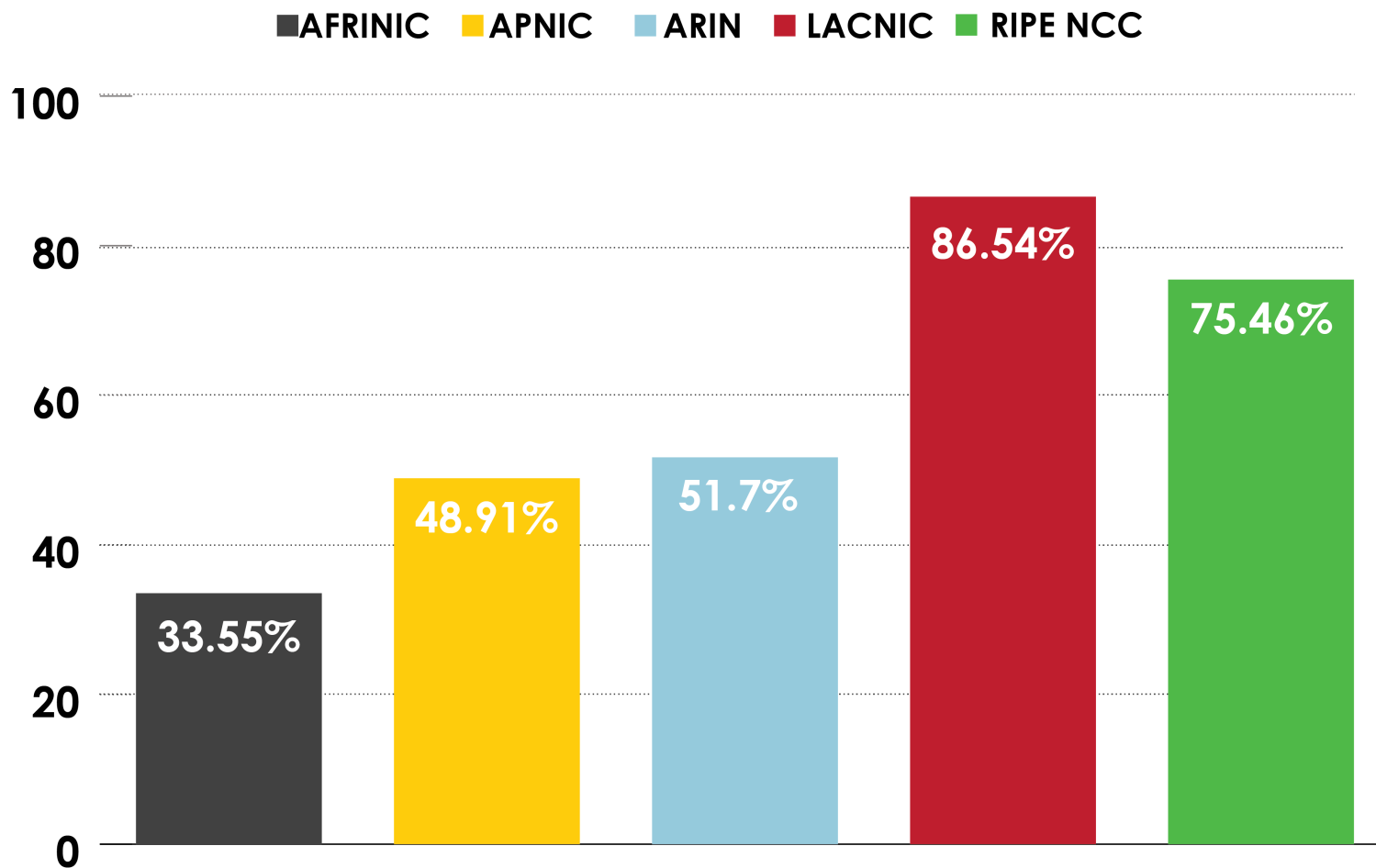
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03
62.109.128 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
Number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

IPv6 ASSIGNMENTS (RIRs TO END-USERS)

How many total assignments have been made by each RIR?
(Jan 2002 – Sept 2016)



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
62.109.128 195.048.02.03 178.12.02.02 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

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