



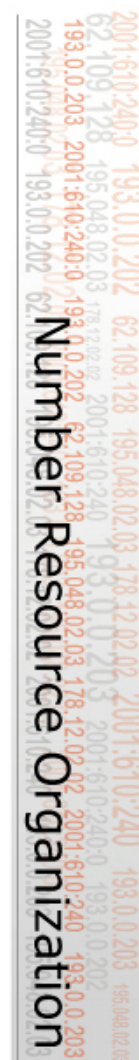
Number Resource Organization



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

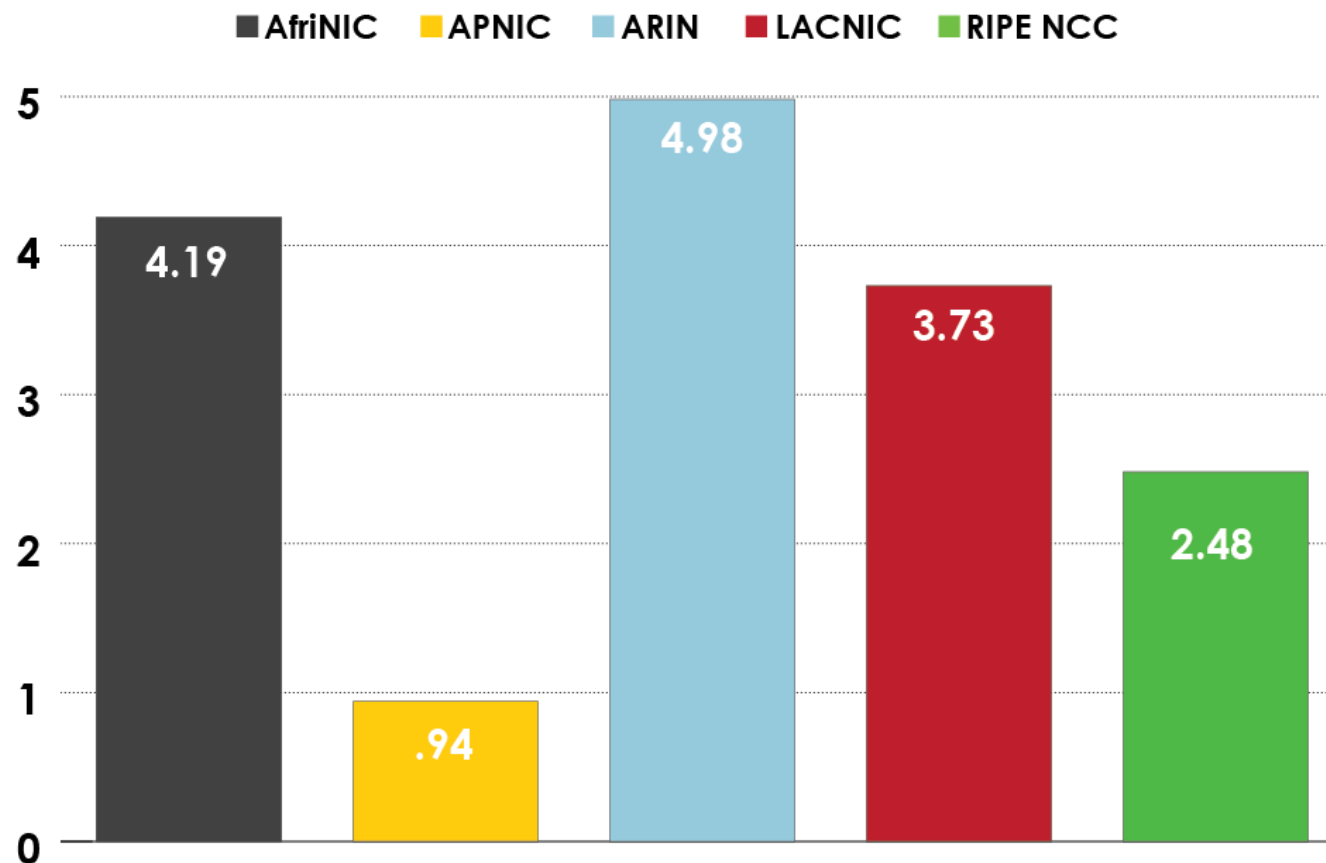


STATUS OF 256 /8s IPv4 ADDRESS SPACE





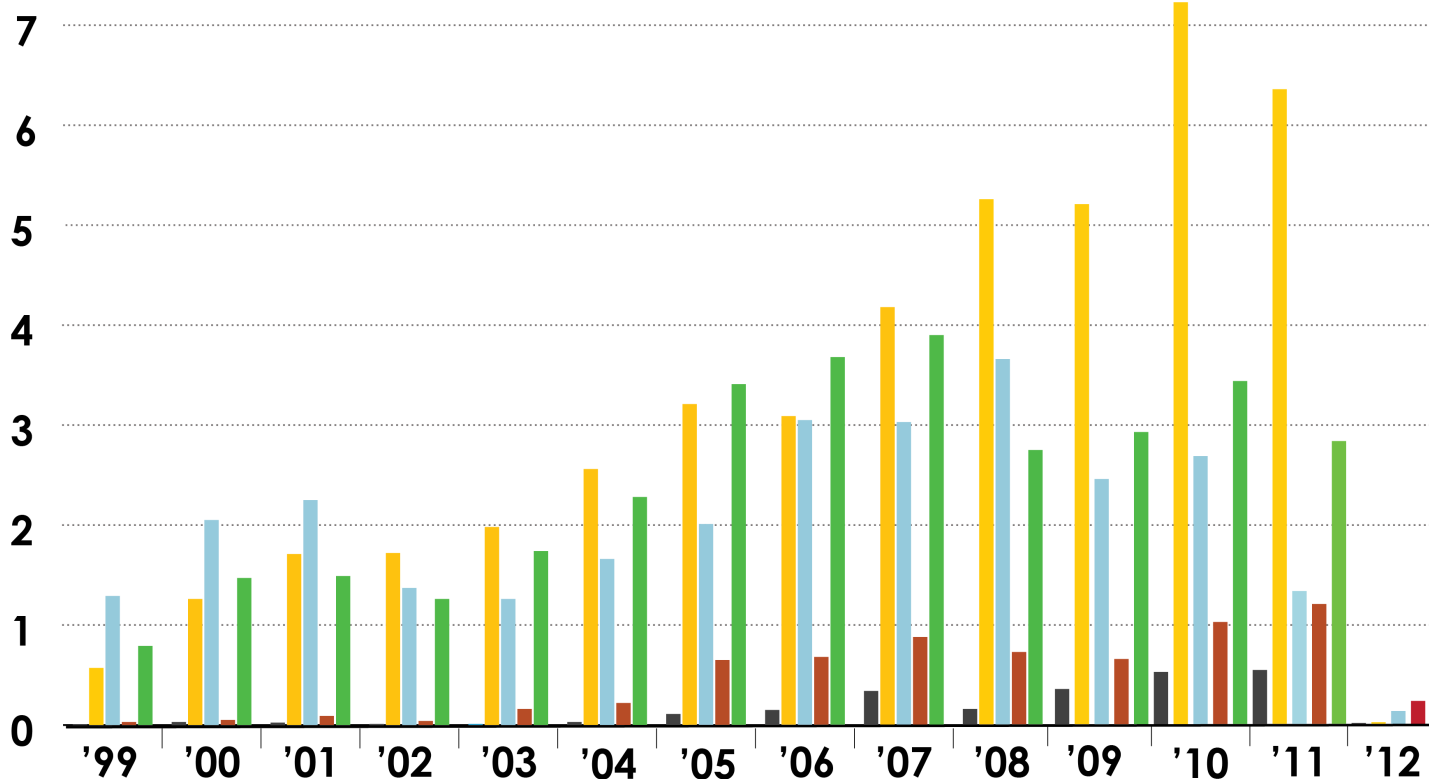
AVAILABLE IPv4 /8s IN EACH RIR



Number Resource Organization



■ AfriNIC ■ APNIC ■ ARIN ■ LACNIC ■ RIPE NCC



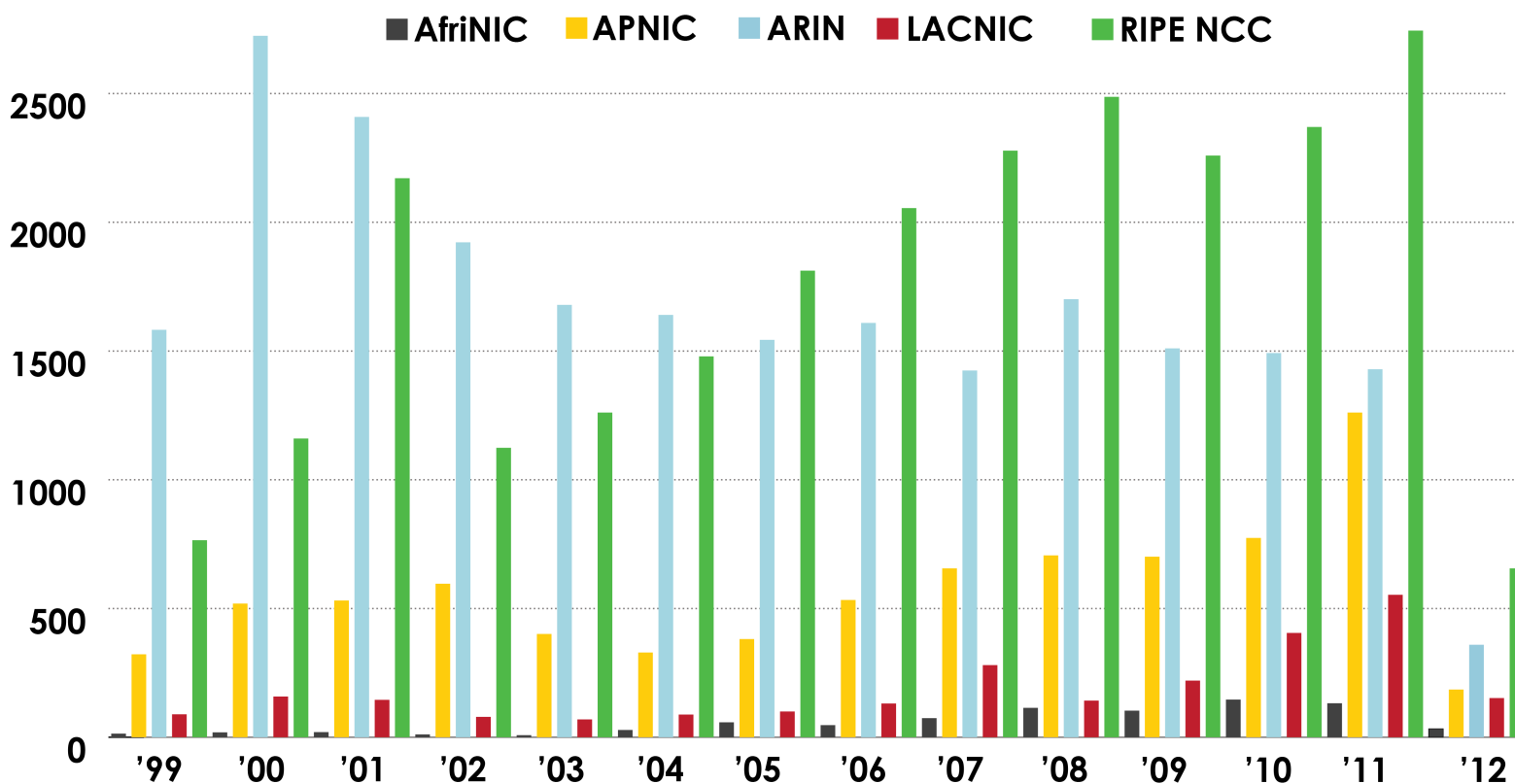
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ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many ASNs has each RIR assigned by year?

3000 assignments



Number Resource Organization



— ALL IPv6 SPACE

/0

/3

GLOBAL UNICAST

IANA RESERVE
506 /12s

Miscellaneous
1 /12

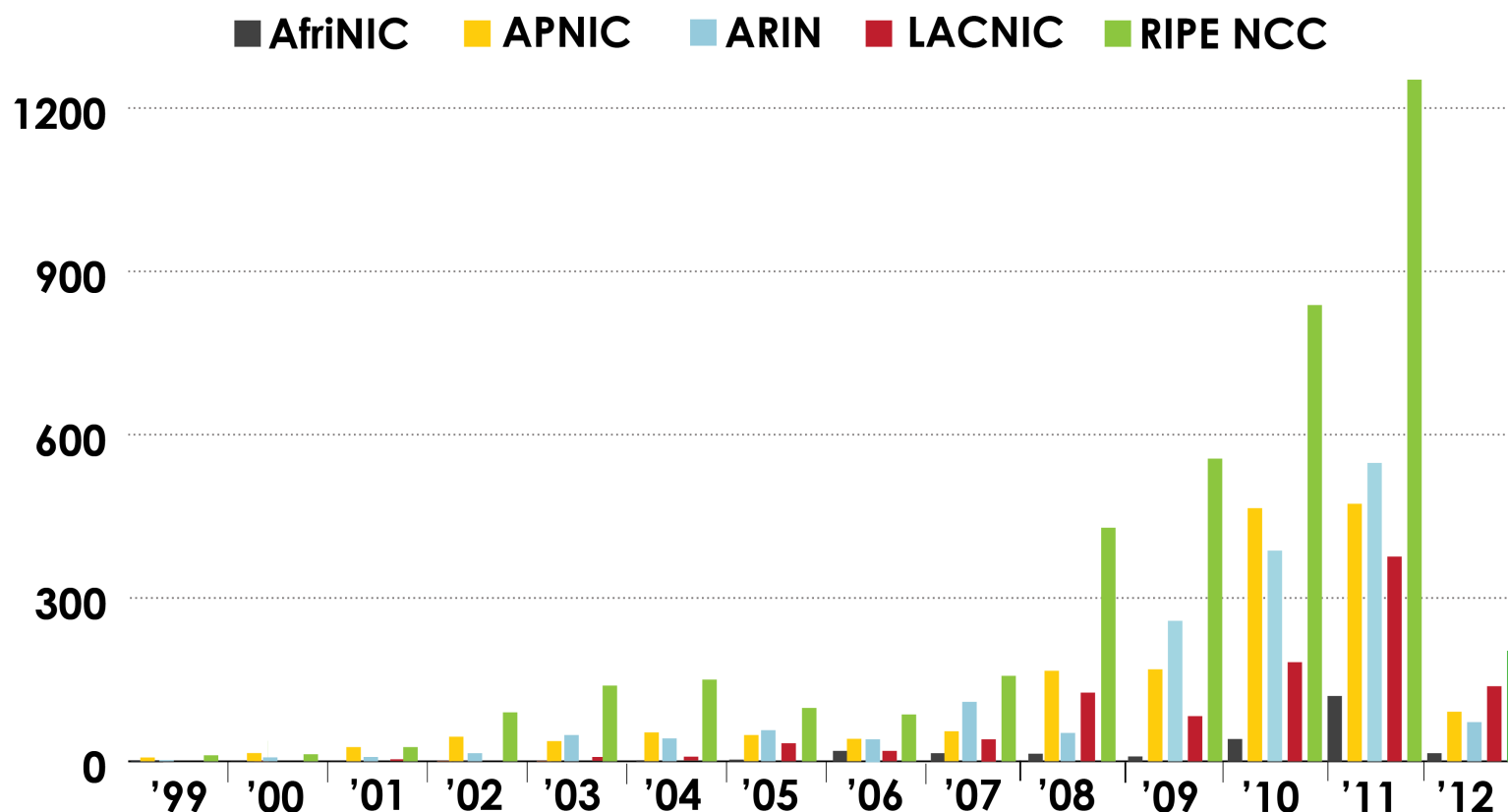
RIR	IPv6 ADDRESS
AfriNIC	2C00:0000::/12
APNIC	2400:0000::/12
ARIN	2600:0000::/12
LACNIC	2800:0000::/12
RIPE NCC	2A00:0000::/12

Internet Number Resource Report



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

1500 allocations



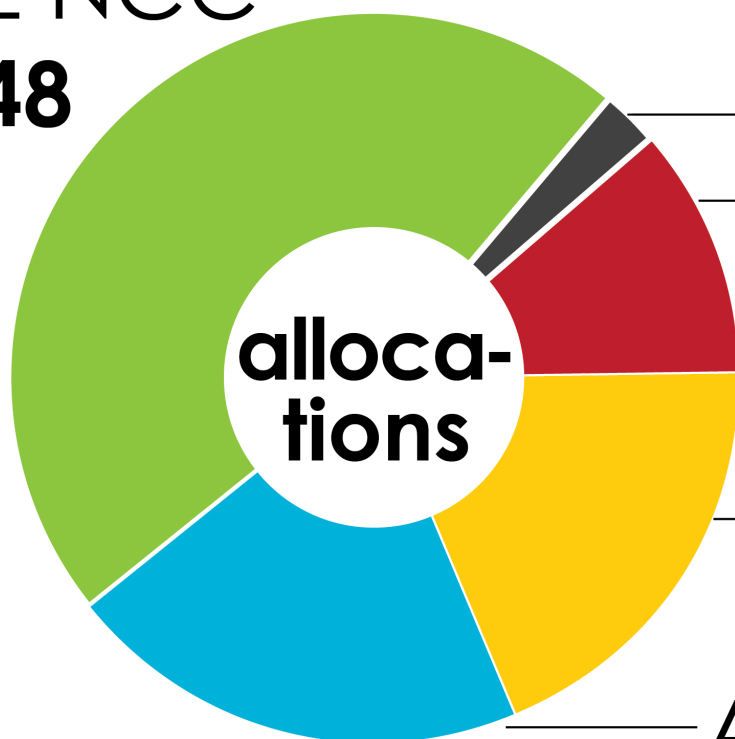
Number Resource Organization



IPv6 ALLOCATIONS (RIRs TO LIRs/ISPs)

How many total allocations have been made by each RIR?
(Jan 1999 – Mar 2012)

RIPE NCC
4,048



AfrinIC **238**

LACNIC **942**

APNIC **1,651**

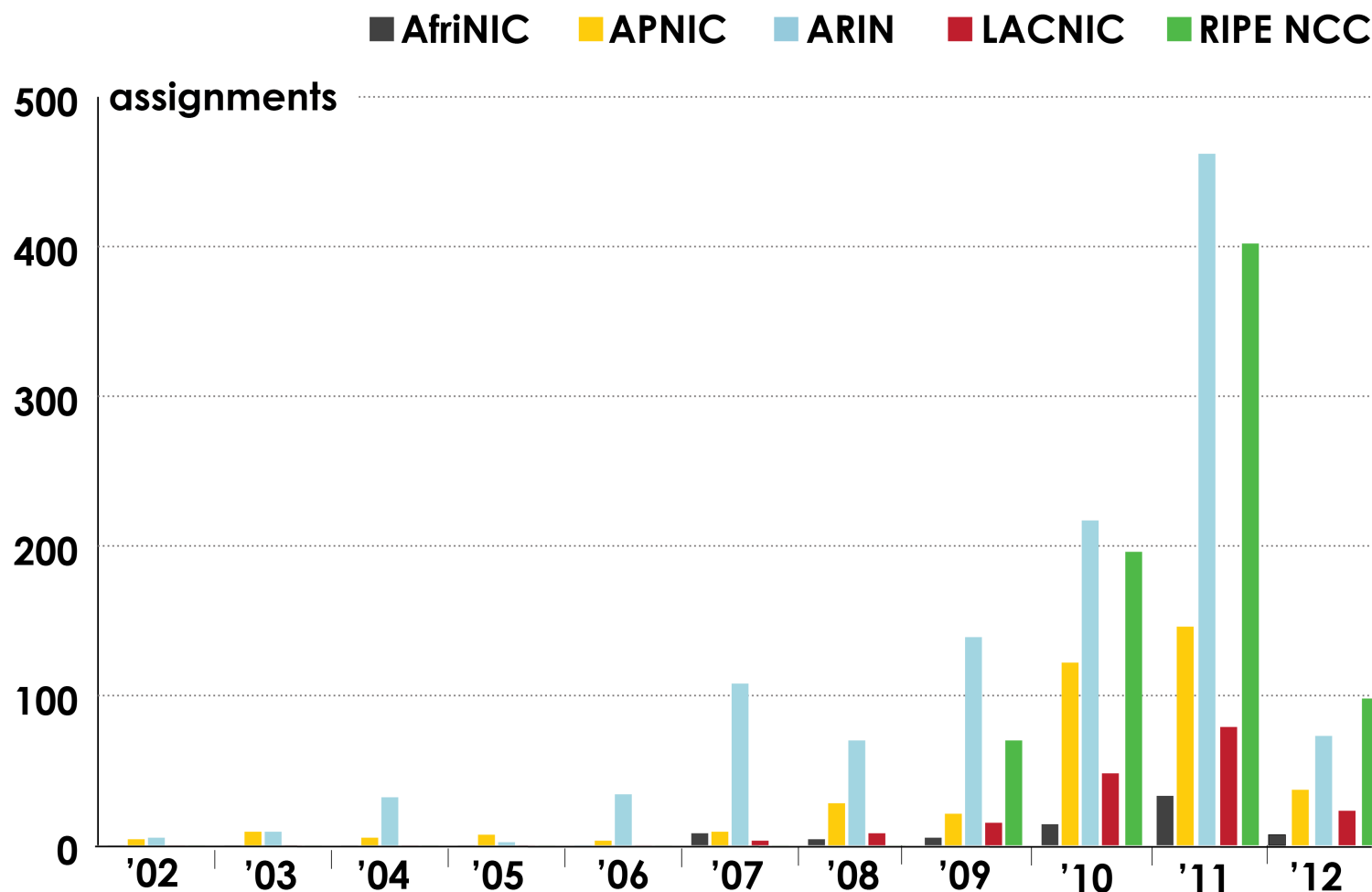
ARIN **1,761**

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



IPv6 ASSIGNMENTS RIRS TO END-USERS

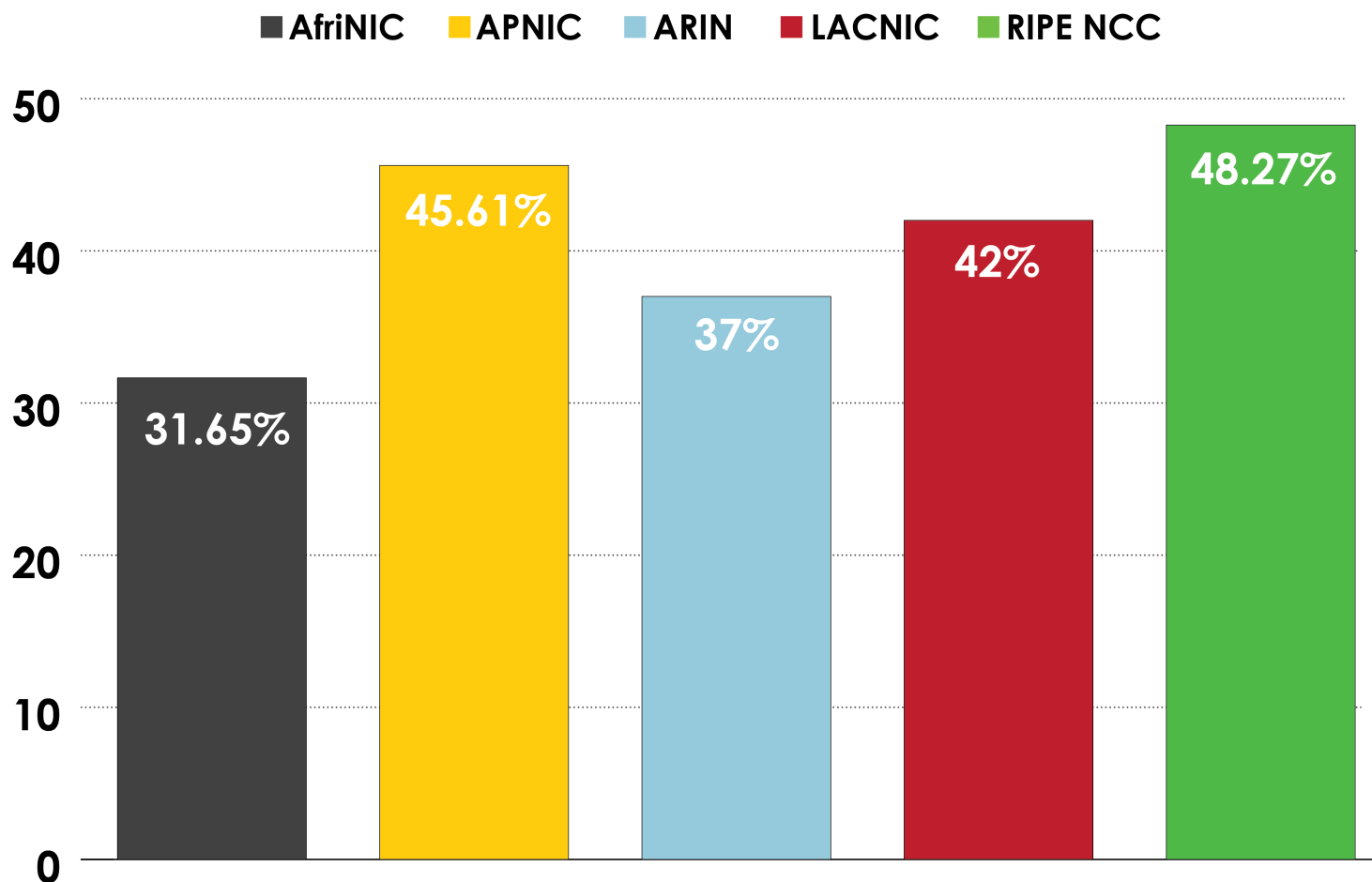
How many assignments have been made by each RIR by year?



Number Resource Organization



PERCENTAGE OF MEMBERS WITH BOTH IPv4 AND IPv6 IN EACH RIR



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

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



THANK YOU

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
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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