



INTERNET NUMBER RESOURCE STATUS REPORT

As of 31 December 2016

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

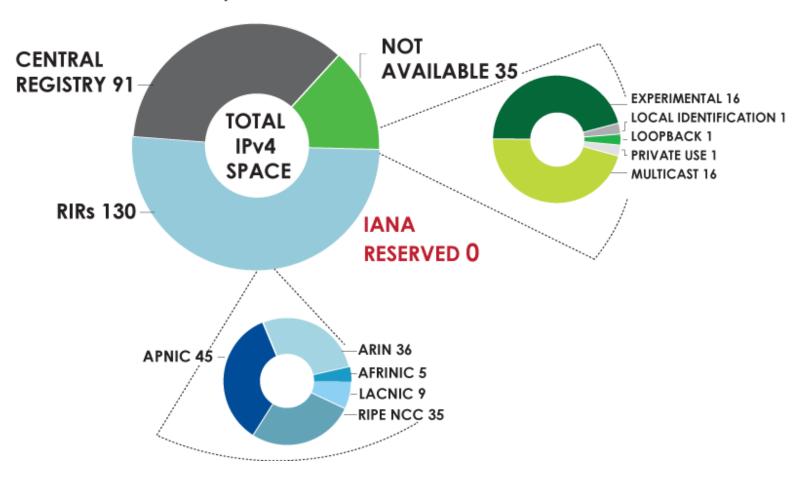


IPv4 ADDRESS SPACE

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

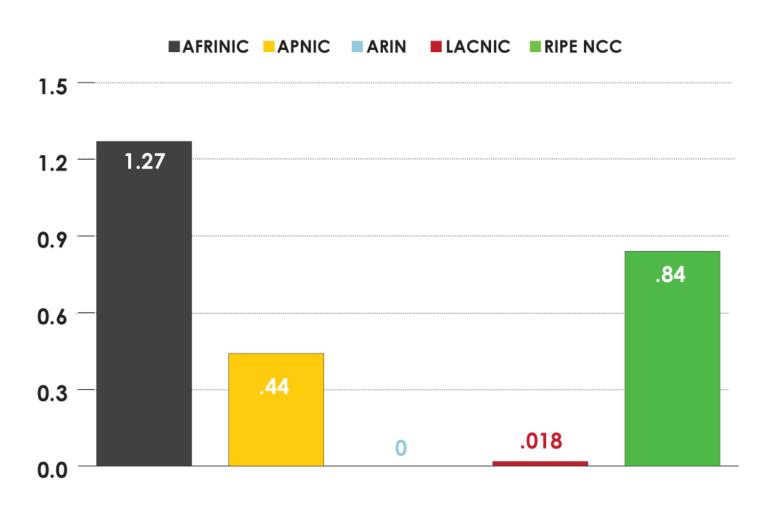
Number Resource Organization

STATUS OF 256 /8s IPv4 ADDRESS SPACE





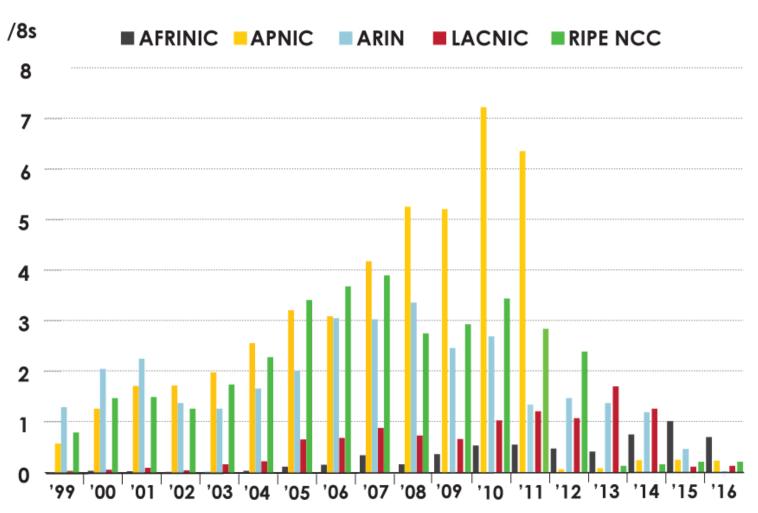
AVAILABLE IPv4 /8s IN EACH RIR





IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

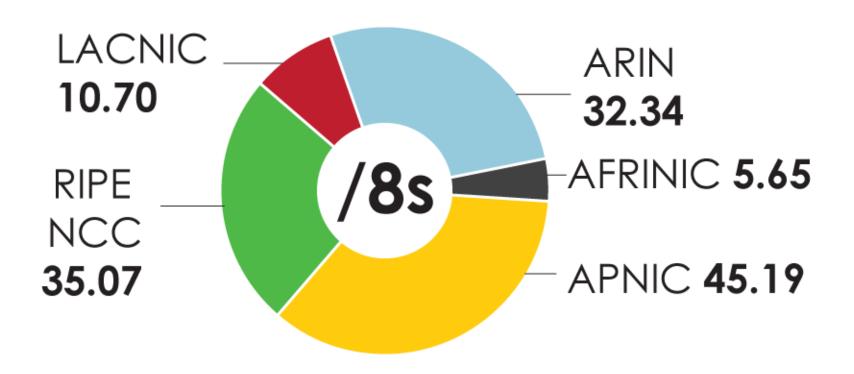
In terms of /8s, how much space did each RIR issue by year?





IPv4 ADDRESS SPACE ISSUED (RIRs TO CUSTOMERS)

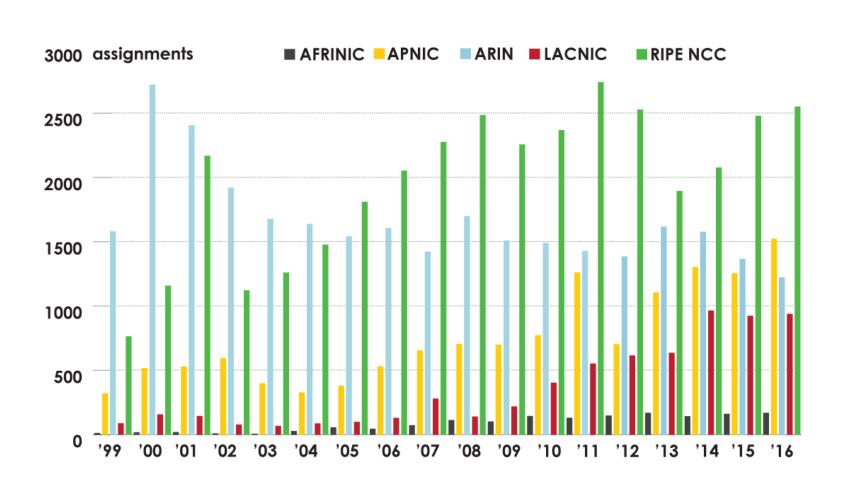
In terms of /8s, how much total space has each RIR issued? (Jan 1999 – Dec 2016)





ASN ASSIGNMENTS (RIRS TO CUSTOMERS)

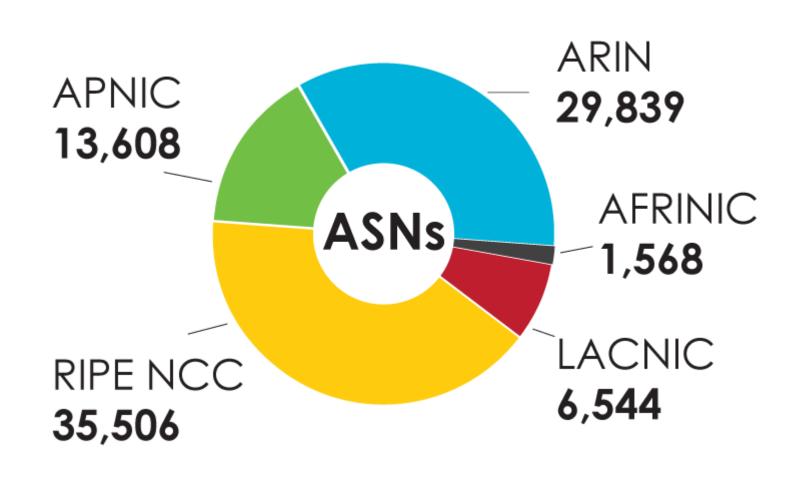
How many ASNs has each RIR assigned by year?





ASN ASSIGNMENTS (RIRS TO CUSTOMERS)

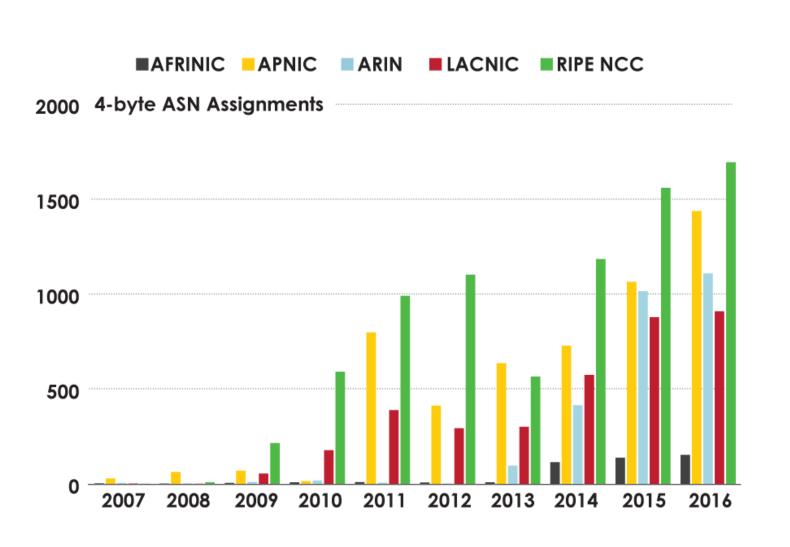
How many total ASNs has each RIR assigned? (Jan 1999 – Dec 2016)





4-BYTE ASN ASSIGNMENTS

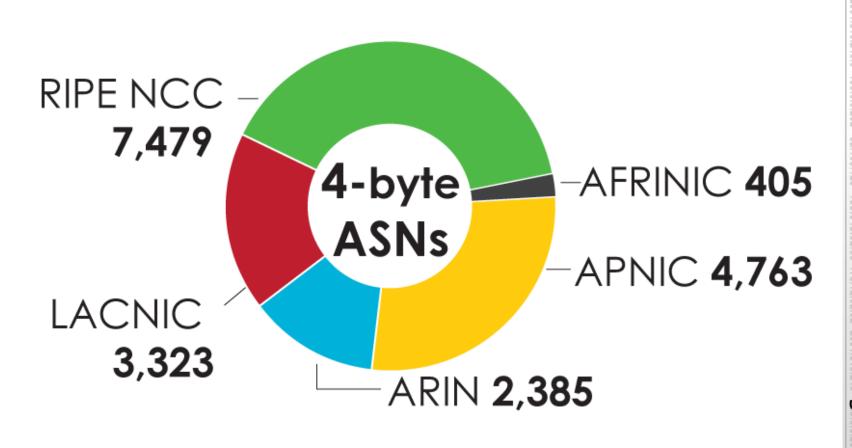
How many 4-byte ASNs has each RIR assigned by year?





4-BYTE ASN ASSIGNMENTS

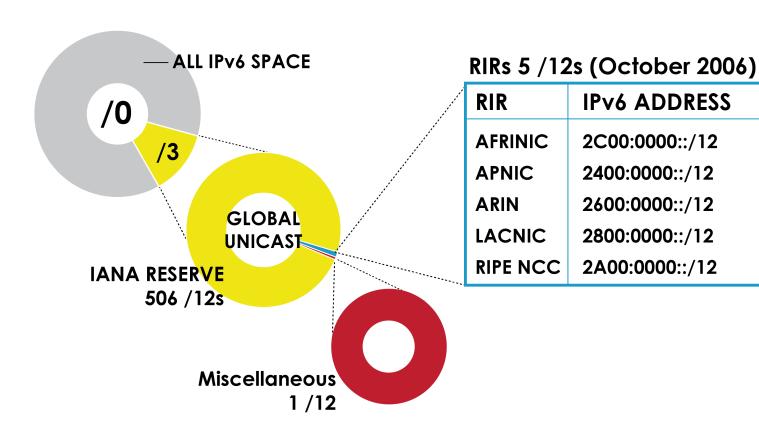
How many total 4-byte ASNs has each RIR assigned? (Jan 2007 – Dec 2016)





IPv6 ADDRESS SPACE

How much has been allocated to the RIRs?

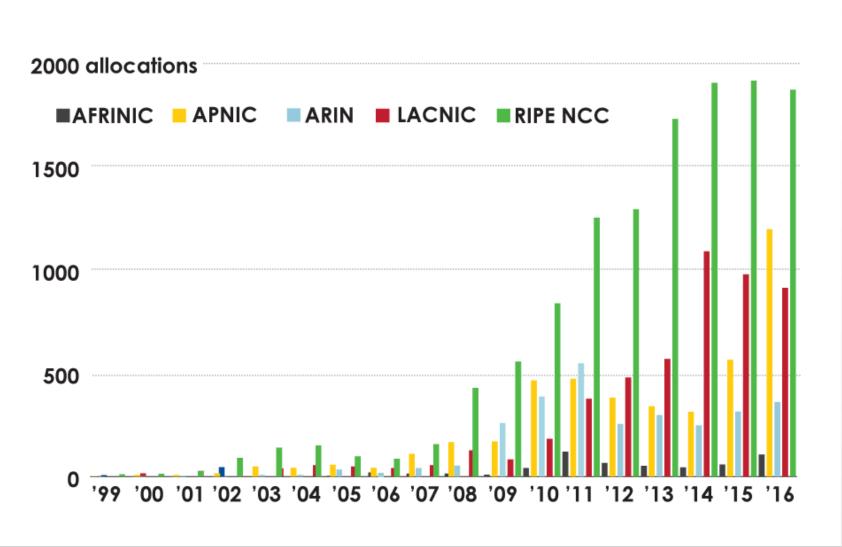




IPv6 ALLOCATIONS

(RIRS TO LIRS/ISPs)

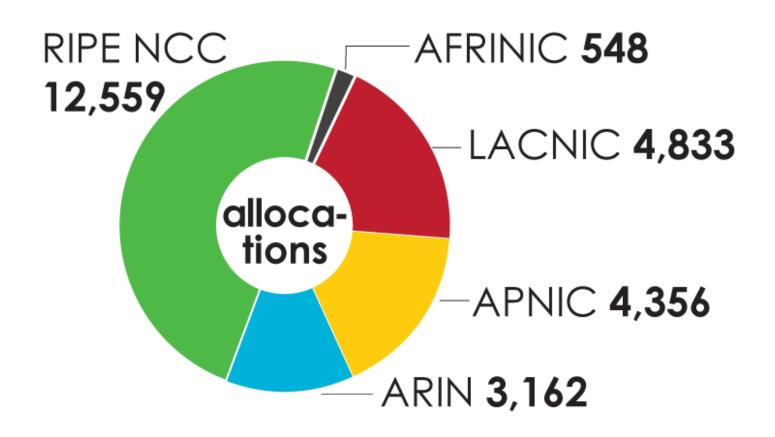
How many allocations have been made by each RIR by year?





(RIRS TO LIRS/ISPS)

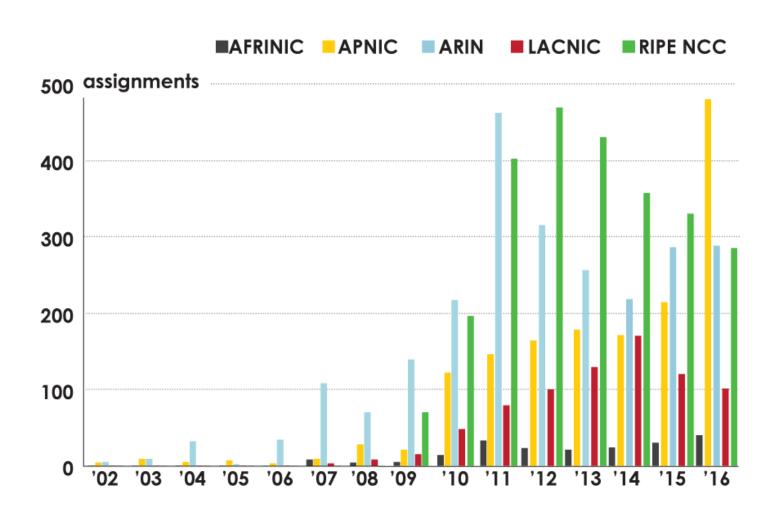
How many total allocations have been made by each RIR? (Jan 1999 – Dec 2016)





IPv6 ASSIGNMENTS RIRS TO END-USERS

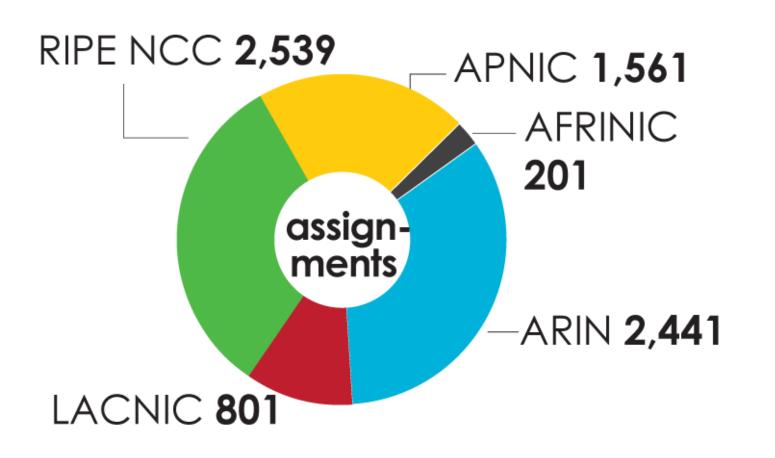
How many assignments have been made by each RIR by year?





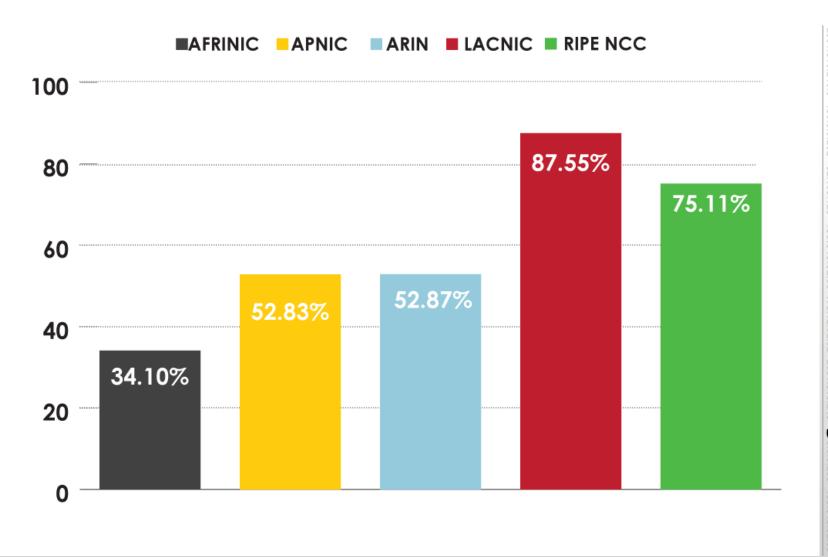
IPv6 ASSIGNMENTS (RIRs TO END-USERS)

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





PERCENTAGE OF MEMBERS WITH BOTH IPv4 AND IPv6 IN EACH RIR





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-

<u>address-assignments</u>

THANK YOU