NRO

Number Resource Organization

March 2011

Internet Number Resource Report

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INTERNET NUMBER RESOURCE STATUS REPORT

As of 31 March 2011

Prepared by

Regional Internet Registries

AfriNIC, APNIC, ARIN, LACNIC and the RIPE NCC

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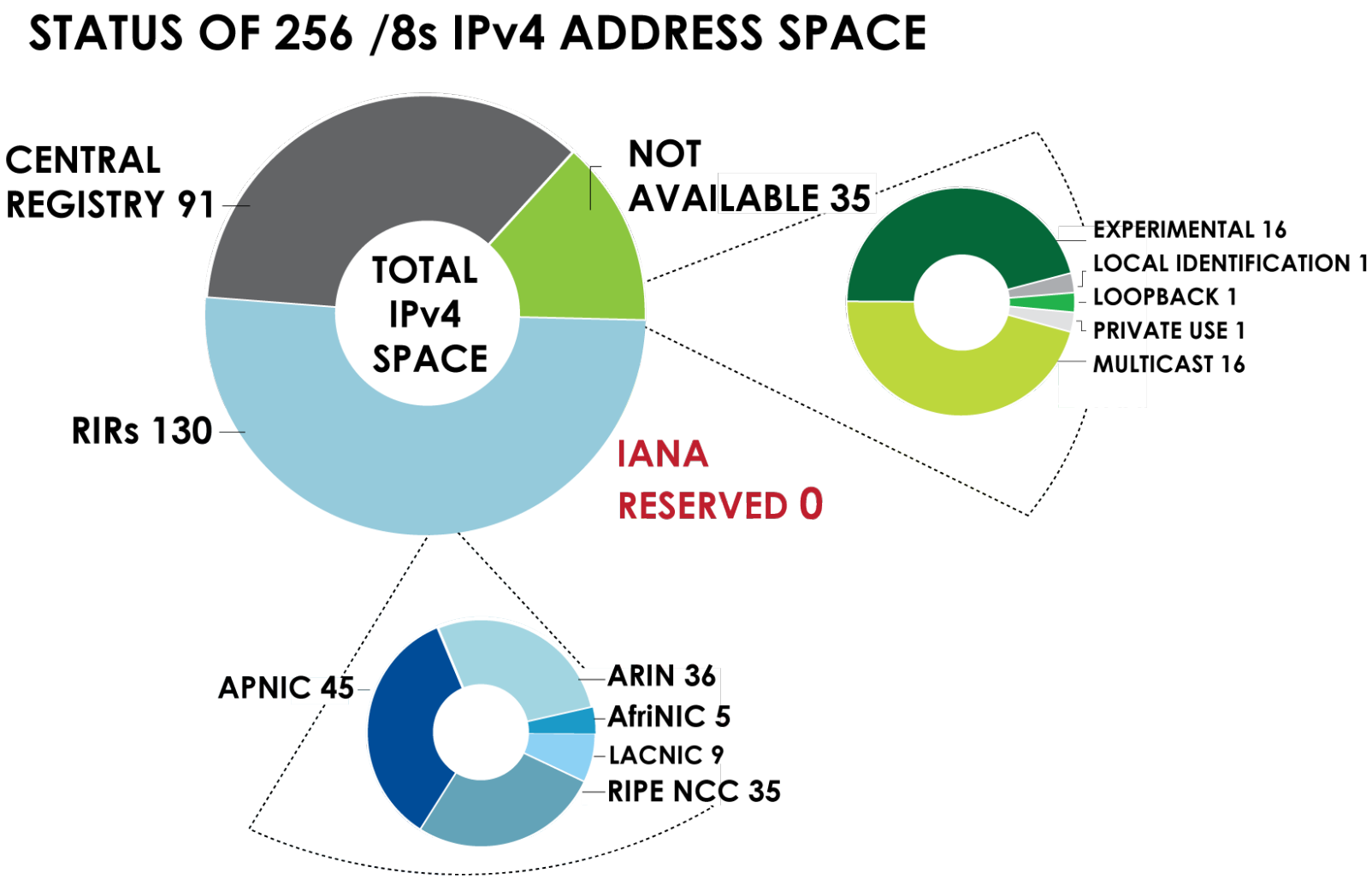
IPv4 ADDRESS SPACE

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



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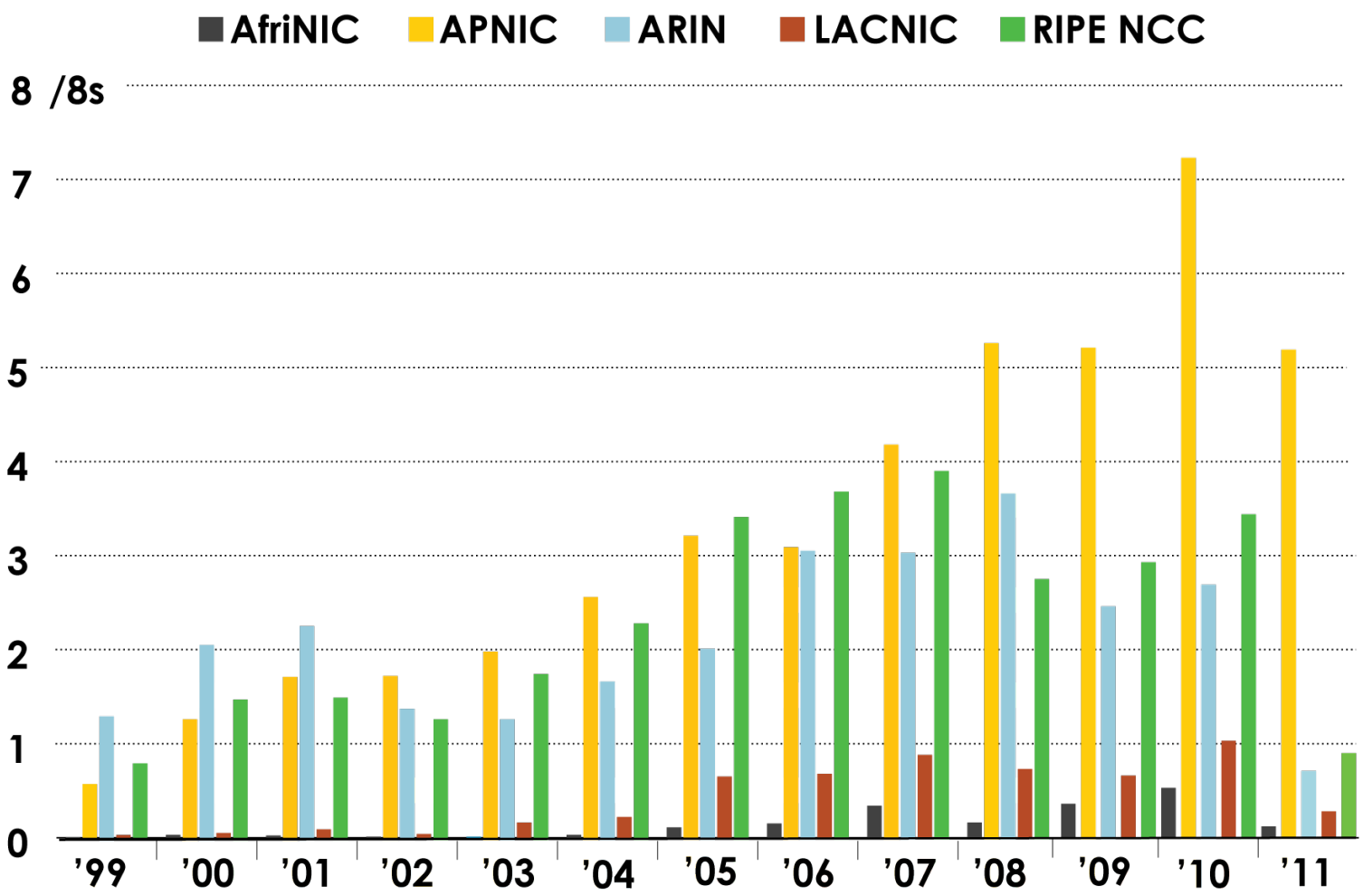
IPv4 ADDRESS SPACE ISSUED

(RIRs TO CUSTOMERS)

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



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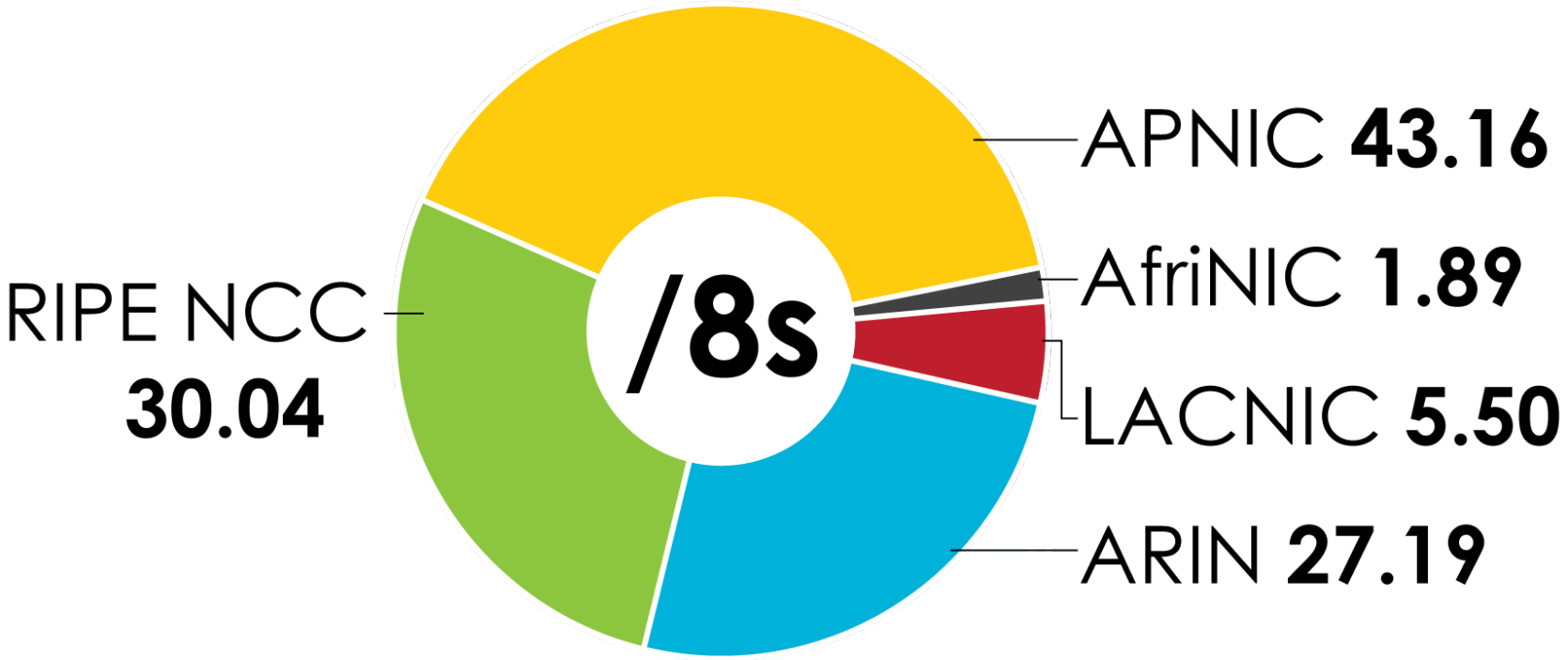
IPv4 ADDRESS SPACE ISSUED

(RIRs TO CUSTOMERS)

In terms of /8s, how much total space has each RIR issued?
(Jan 1999 – Mar 2011)



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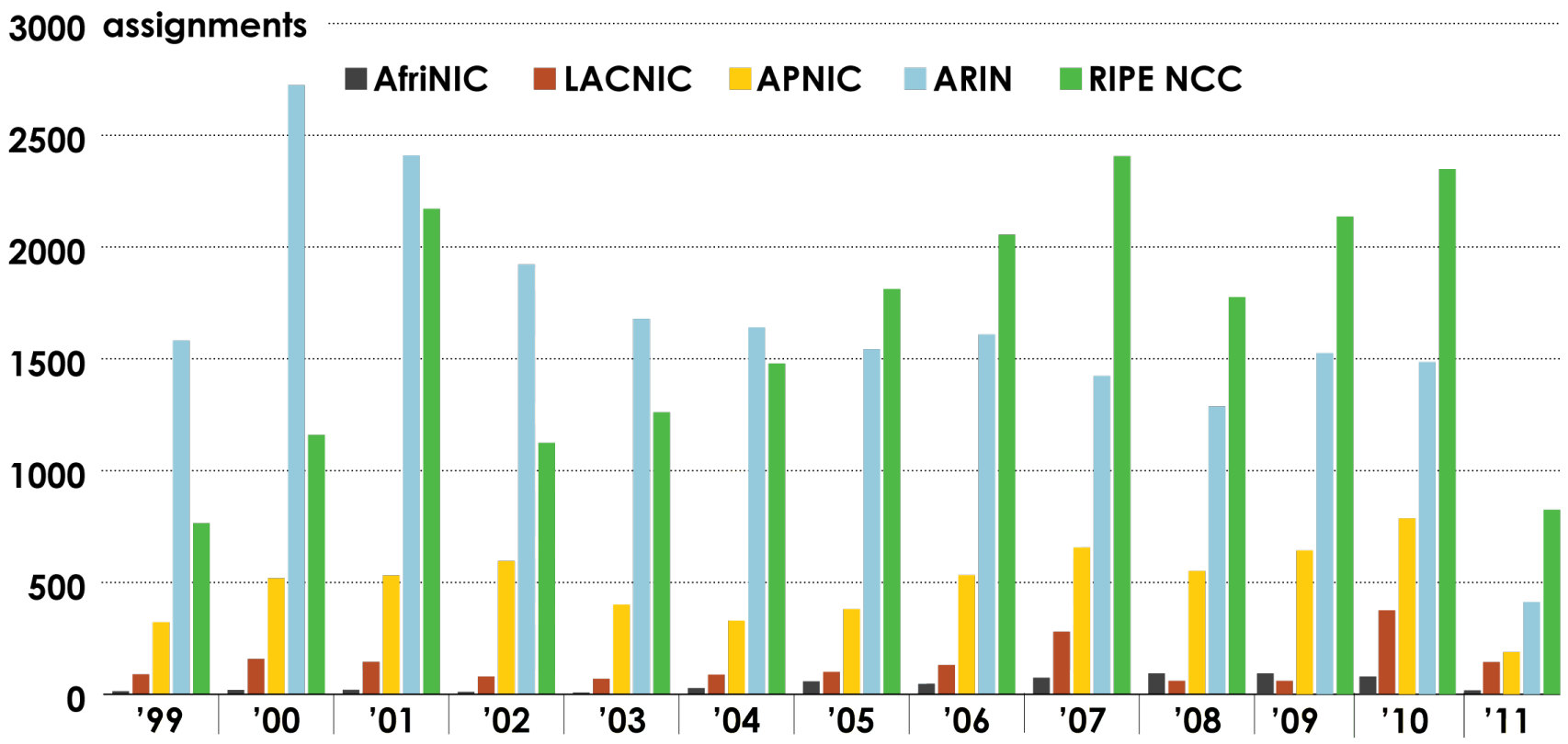
ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many ASNs has each RIR assigned by year?



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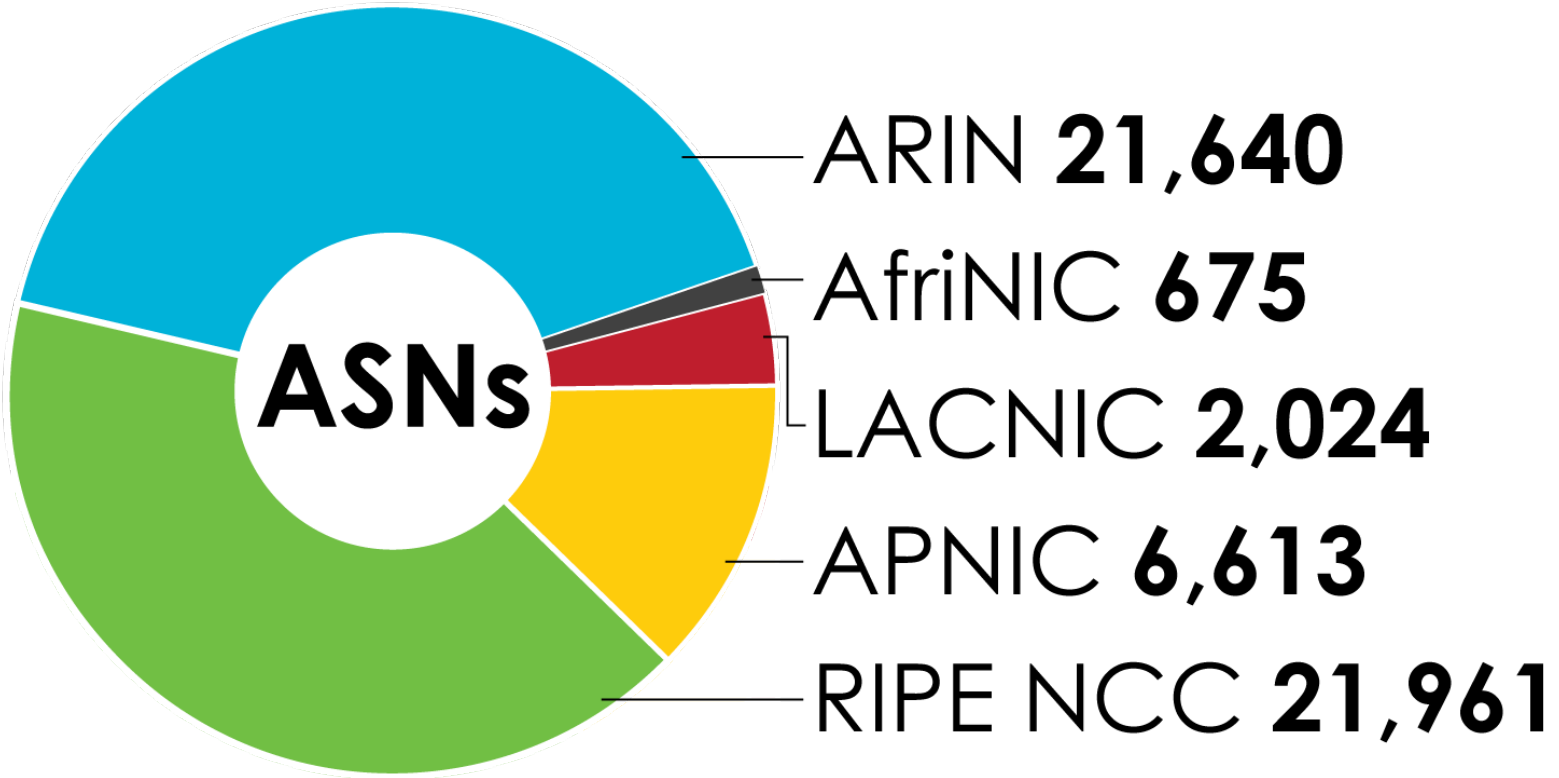
ASN ASSIGNMENTS (RIRs TO CUSTOMERS)

How many total ASNs has each RIR assigned?
(Jan 1999 – Mar 2011)



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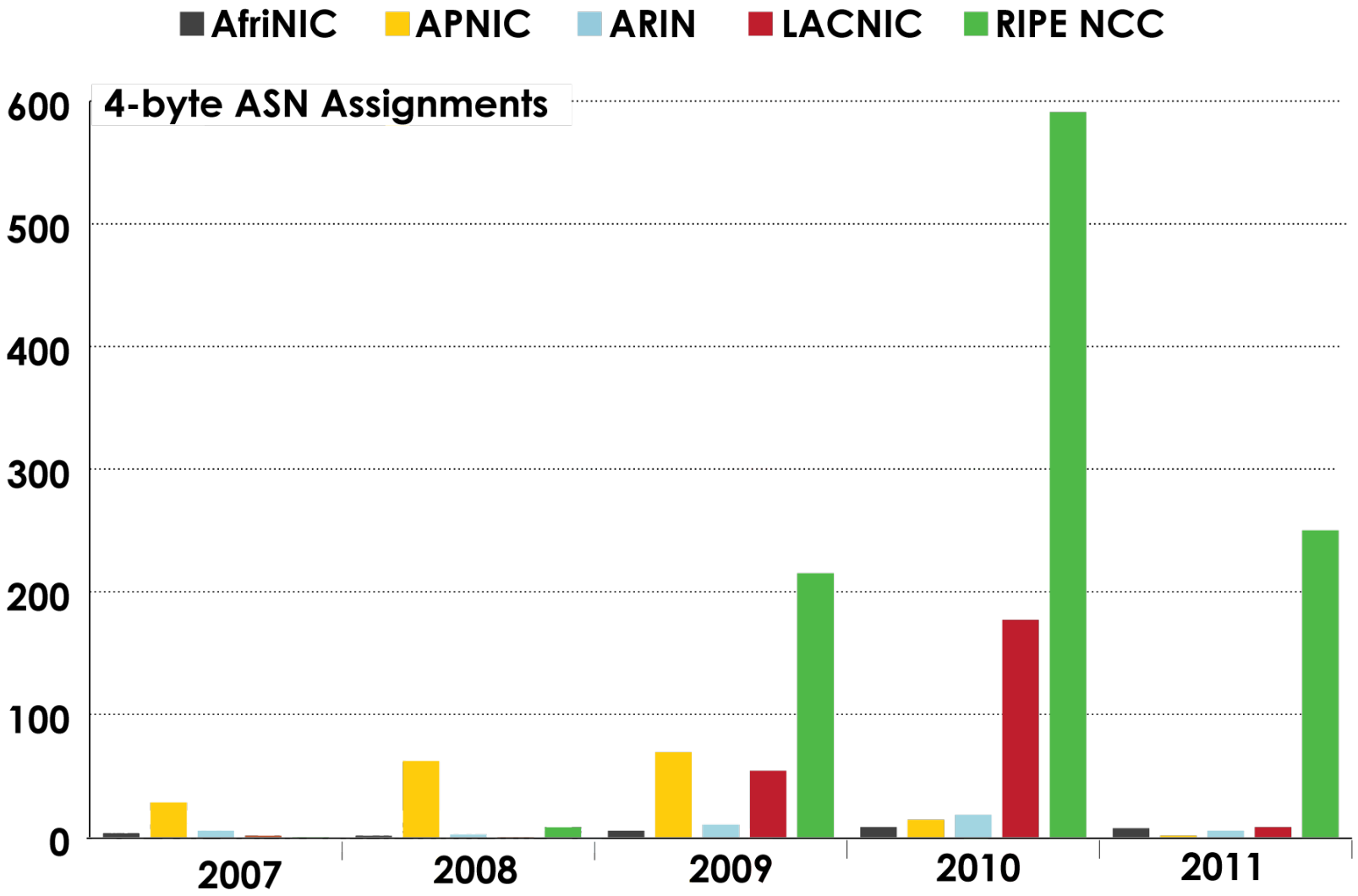
4-BYTE ASN ASSIGNMENTS

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



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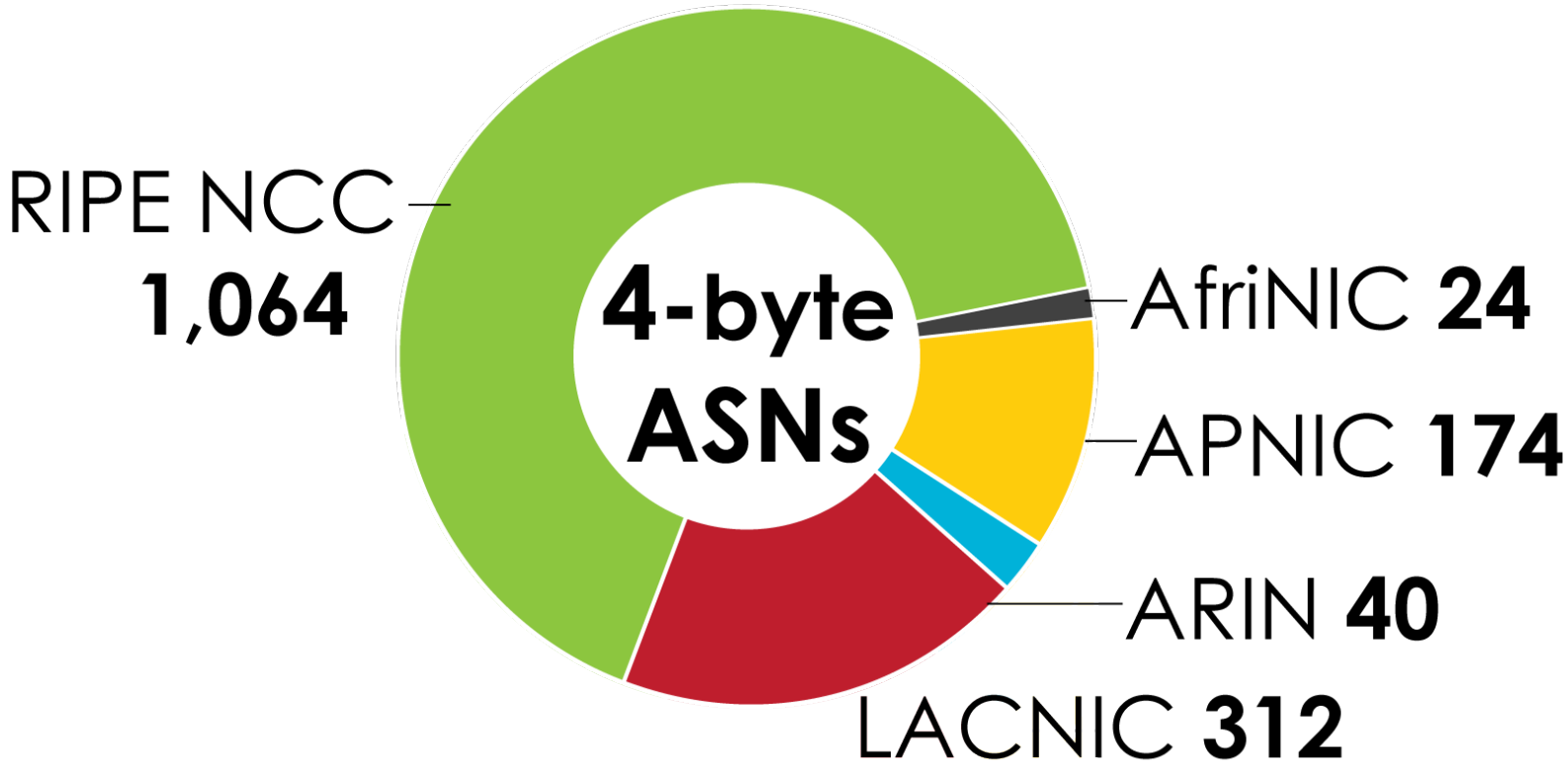
4-BYTE ASN ASSIGNMENTS

How many total 4-byte ASNs has each RIR assigned?
(Jan 2007 – Mar 2011)



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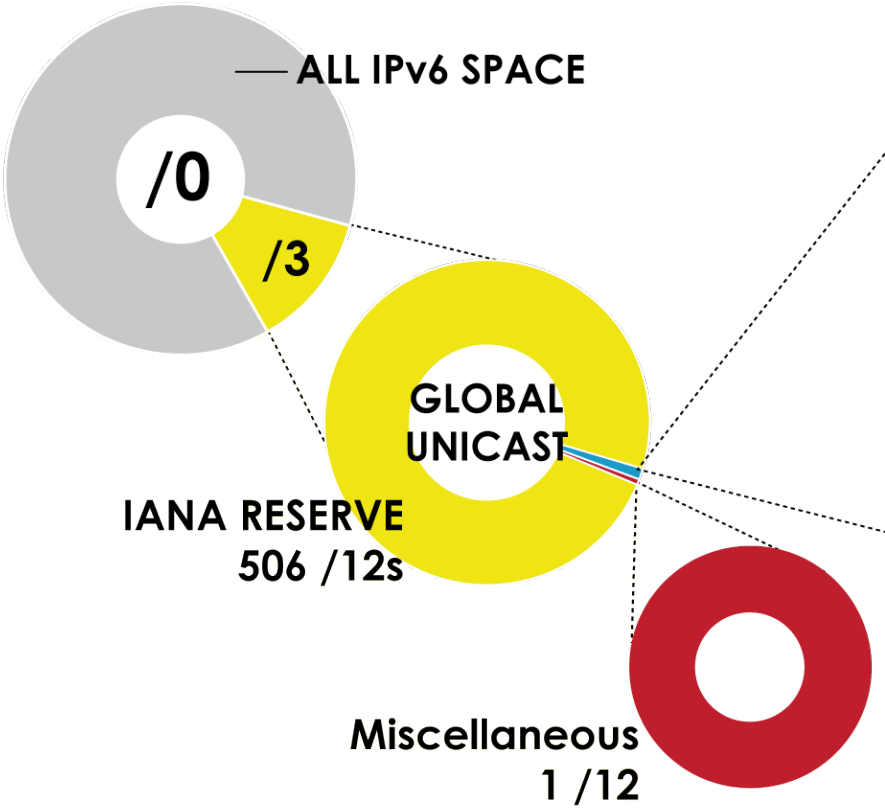
IPv6 ADDRESS SPACE

How much has been allocated to the RIRs?



RIRs 5 /12s (October 2006)

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

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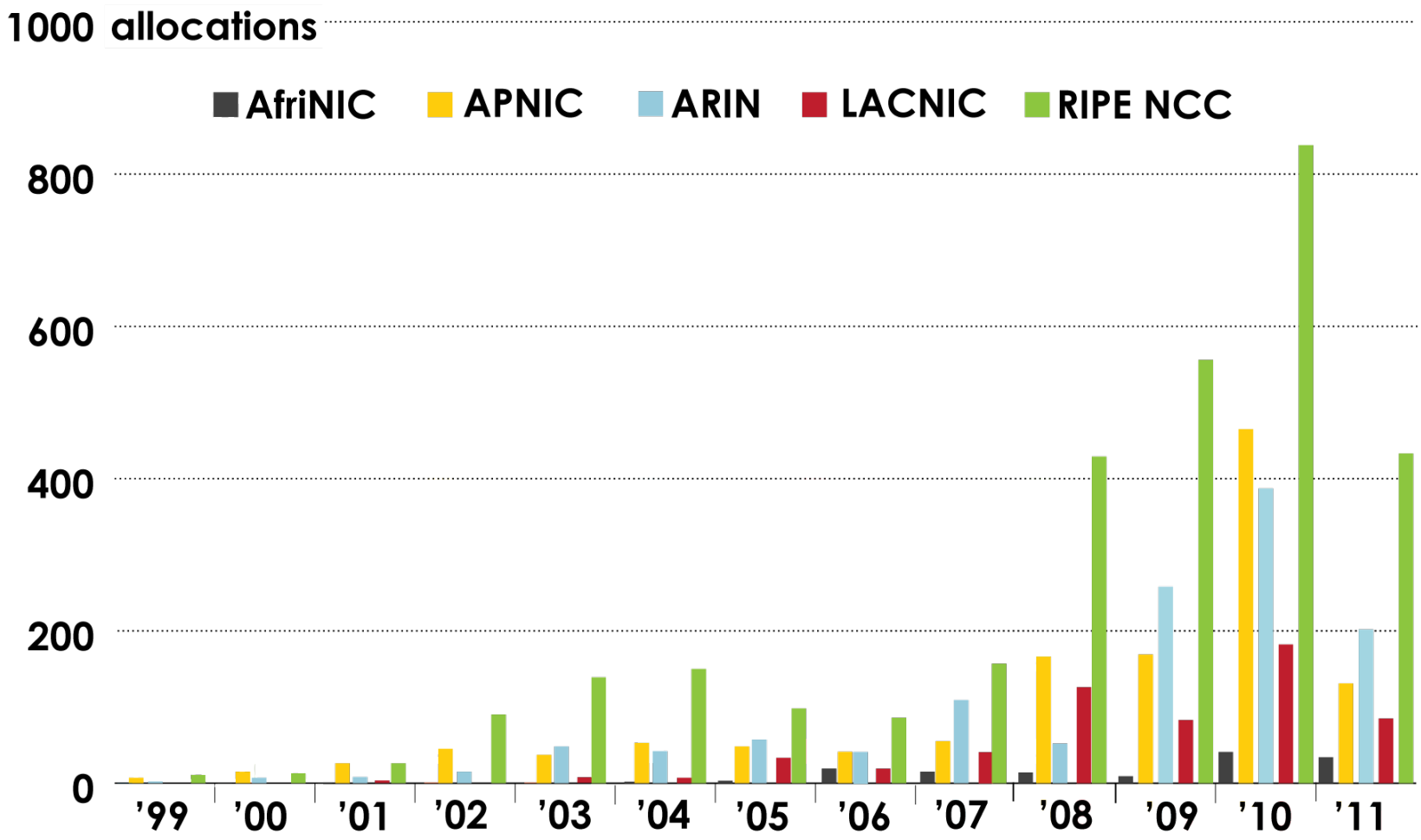
IPv6 Allocations RIRs to LIRs/ISPs

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



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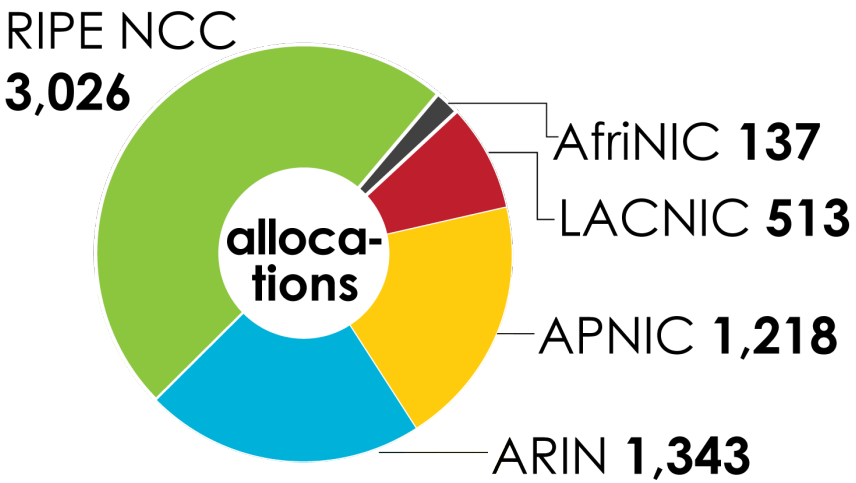
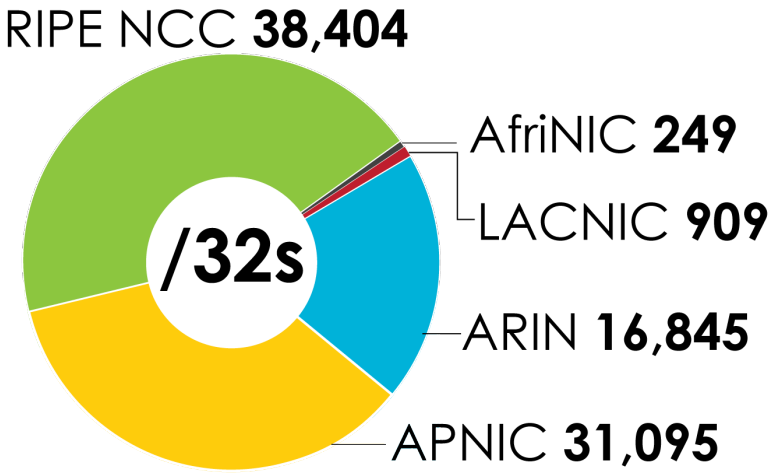
IPv6 ALLOCATIONS RIRs to LIRs/ISPs

(Jan 1999 – Mar 2011)

How many total allocations have been made by each RIR?



In terms of /32s, how much total space has each RIR allocated?



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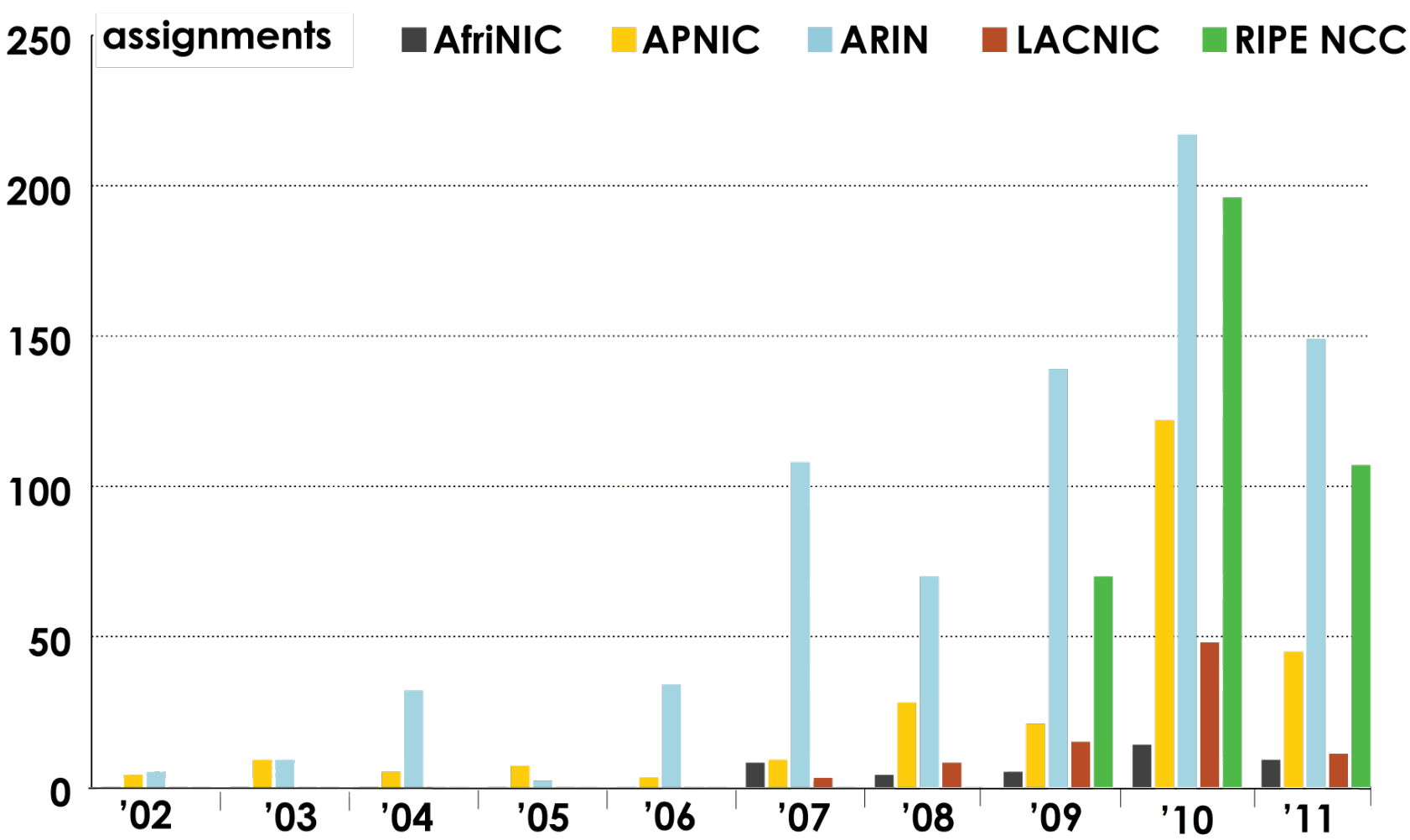
IPV6 ASSIGNMENTS RIRS TO END-USERS



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LINKS TO RIR STATISTICS

- RIR Stats:
  www.nro.net/statistics

- Raw Data/Historical RIR Allocations:
  www.aso.icann.org/stats
  www.iana.org/assignments/ipv4-address-space
  www.iana.org/assignments/as-numbers
  www.iana.org/assignments/ipv6-unicast-address-assignments

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thank you

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