

IPv6 Workshop

Moderator

Paul Andersen, P. Eng

Chair, CIRA Board of Directors

Member, ARIN Board of Trustees

President, EGATE Networks Inc.

Panel

- Owen DeLong, he.net
- Ed Juskevicius, Industry Canada
- Jacques Latour, CIRA
- Maarten Botterman, GNKS Consulting
- Victor Kuarsingh, Rogers
- Nima Salehi, Telus

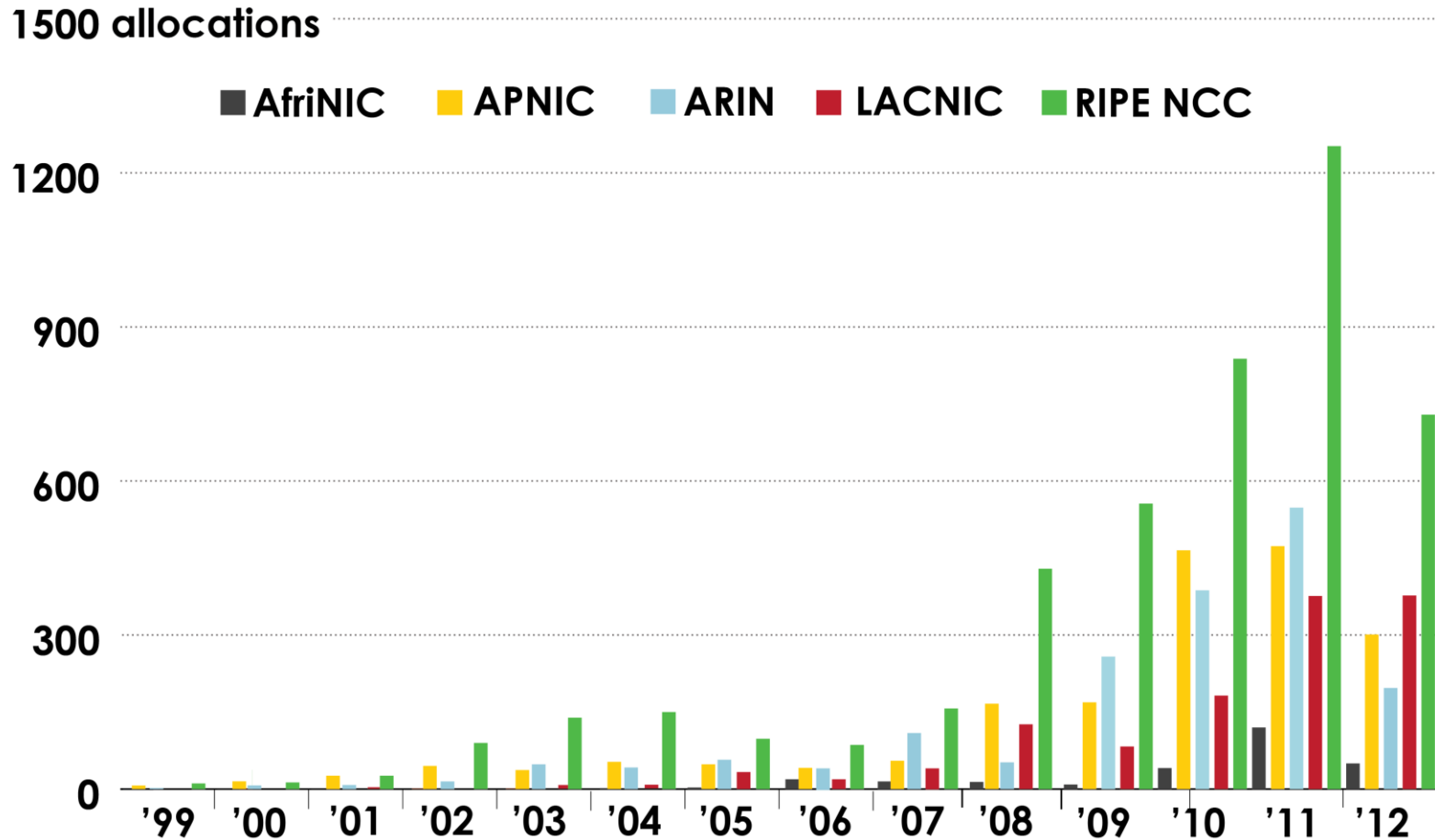
Topics for Discussion

- Challenges in Deploying IPv6 to date
- What is the business case for IPv6
- Impact of IPv4 Depletion on IPv6 Adoption
- Impact of World IPv6 Day / Launch
- Promotion of IPv6
- IPv6 Education
- Status of Deployment in Canada

IPv6 ALLOCATIONS

(RIRs TO LIRs/ISPs)

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

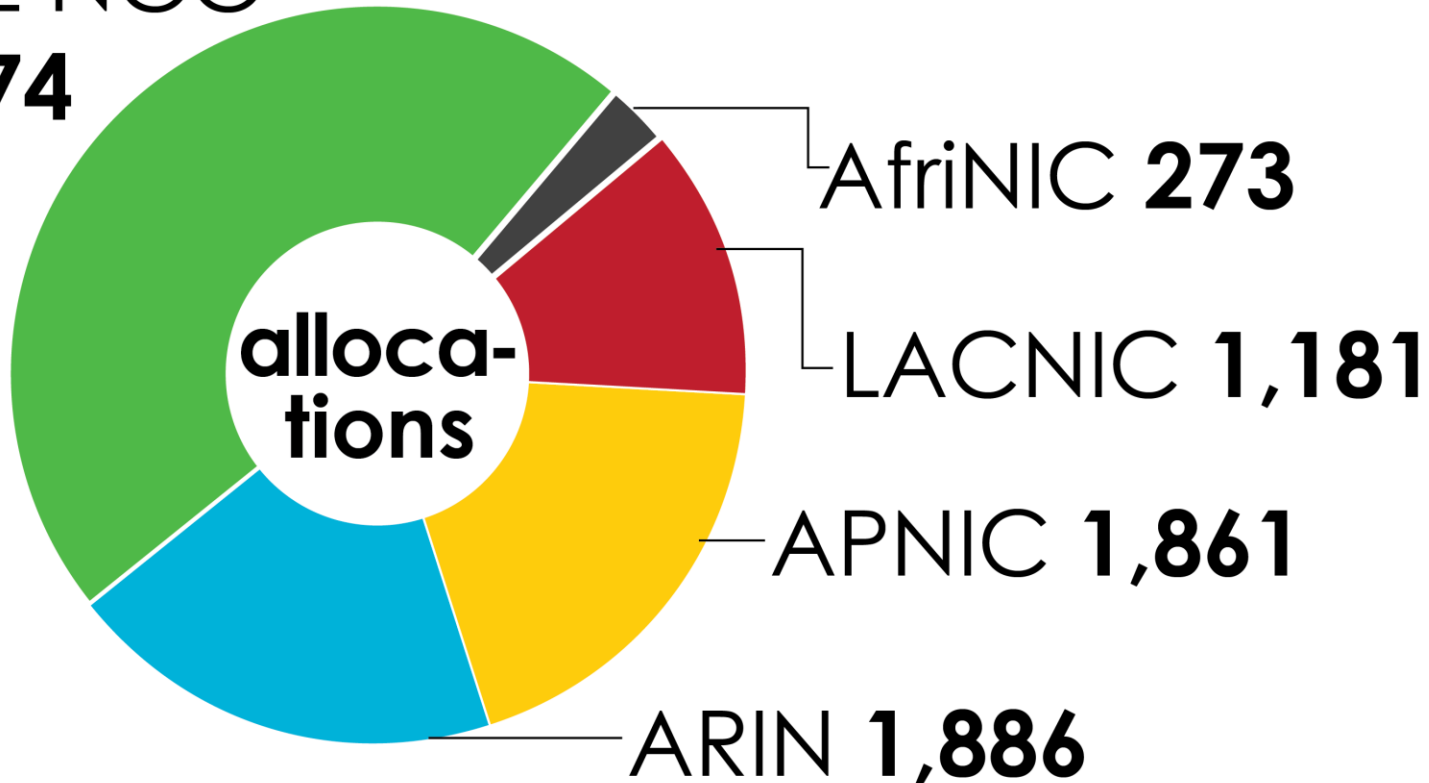


IPv6 ALLOCATIONS

(RIRs TO LIRs/ISPs)

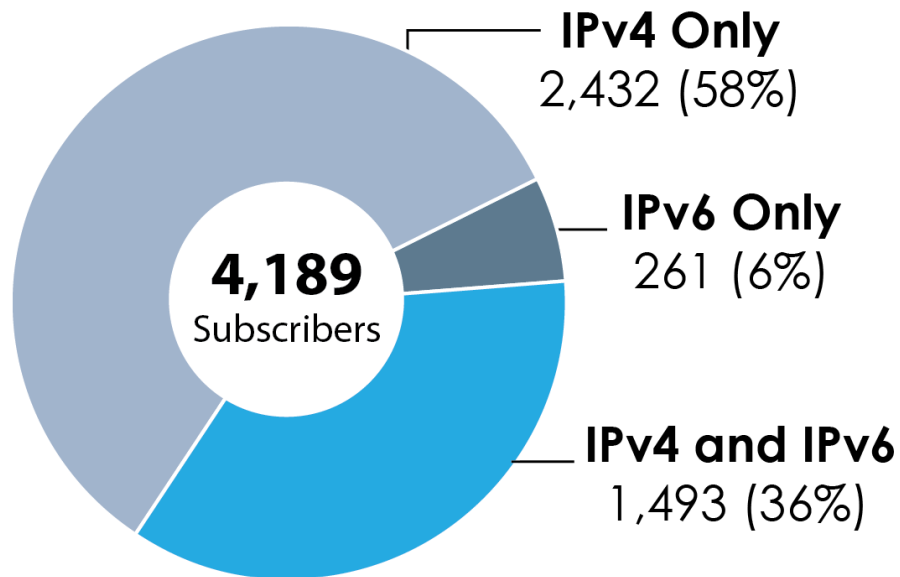
How many total allocations have been made by each RIR? (Jan 1999
– Sept 2012)

RIPE NCC
4,574



ARIN IPv4 vs. IPv6 Subscribers

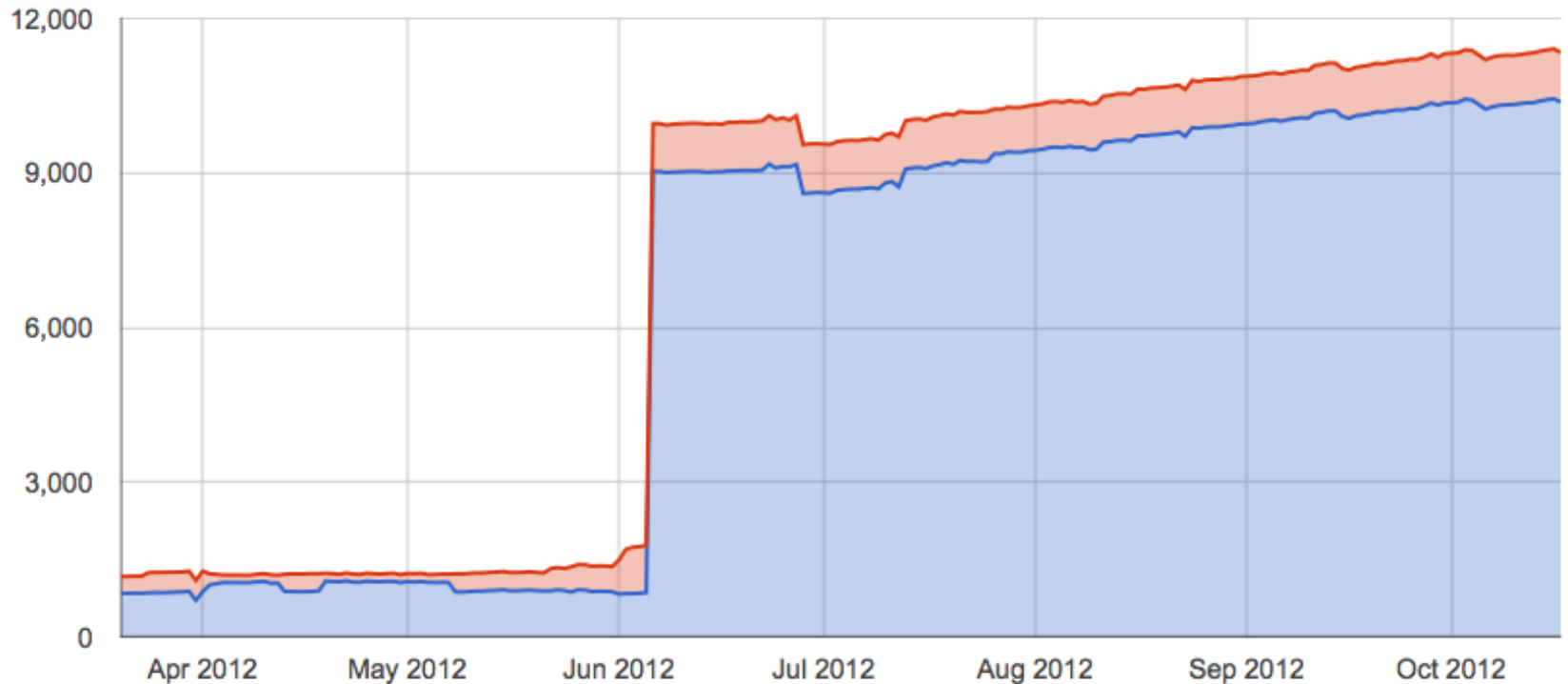
Total of 4,189 ISP Subscriber Members



.ca IPv6 Adoption

.ca Web Sites Reachable by IPv6 and Routed through a Canadian Provider

cira.ca/radarv6

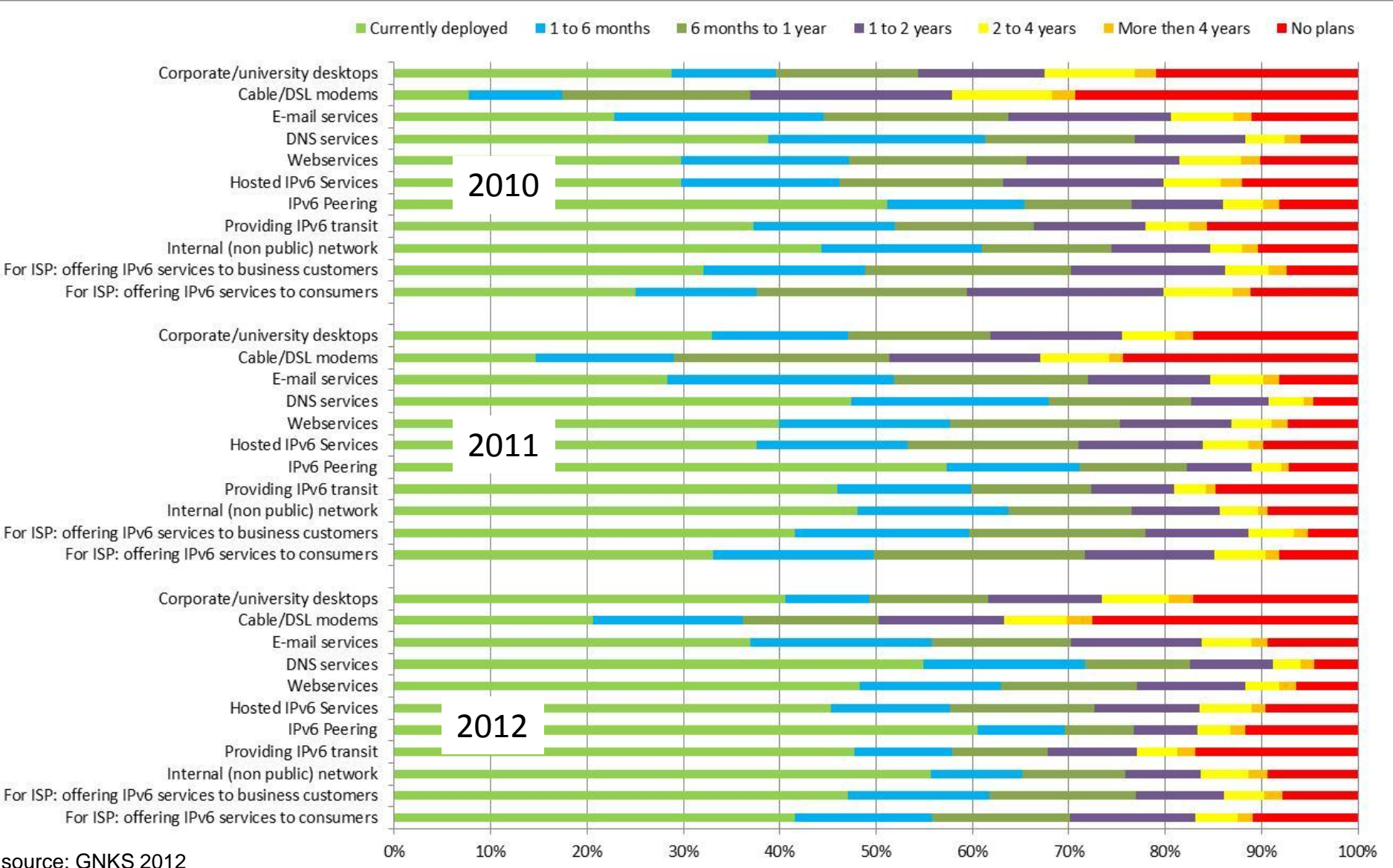


[Show Variations](#)

■ Number of .ca web sites reachable through a non-Canadian Provider

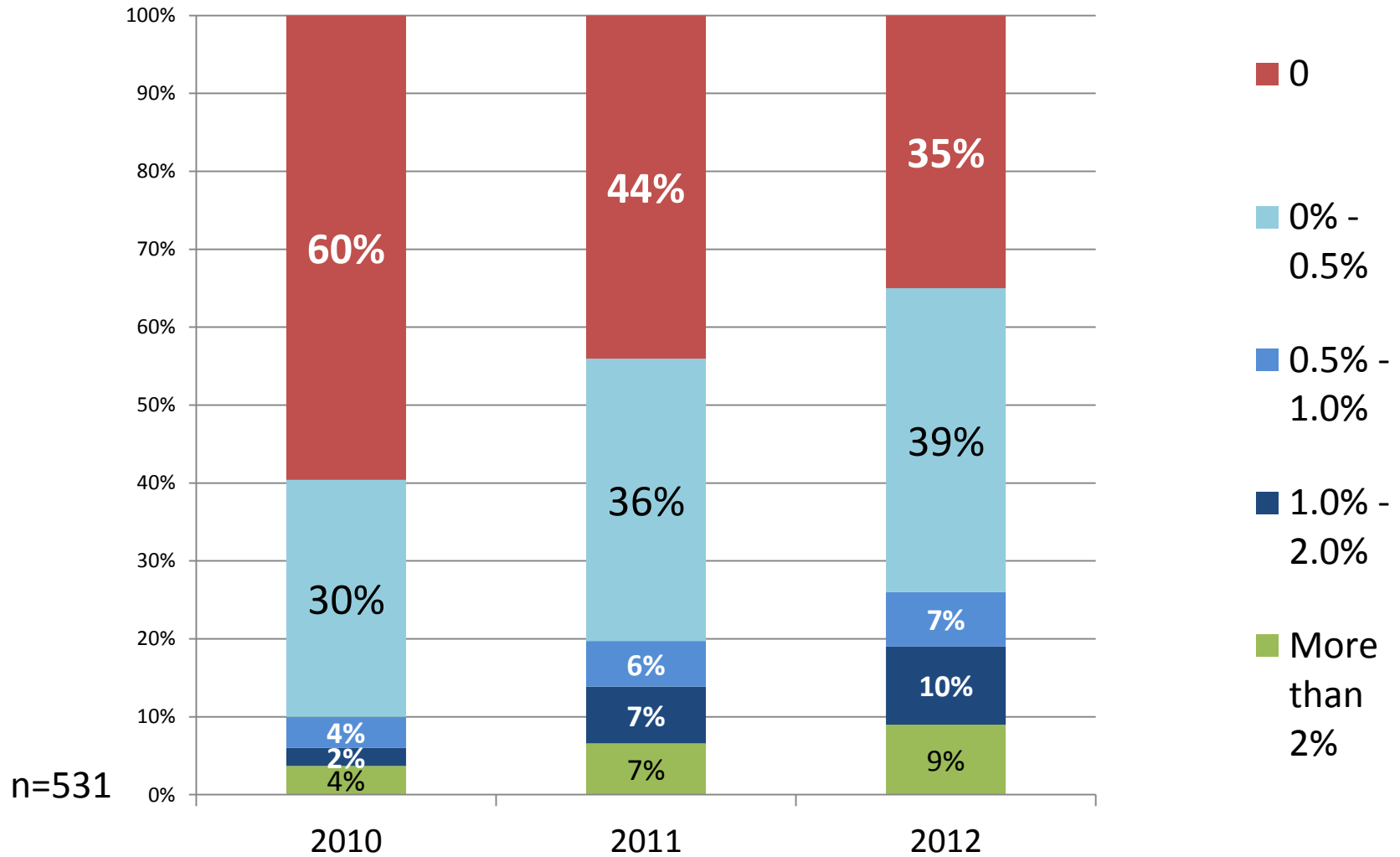
■ Number of .ca web sites reachable through a Canadian provider

Which best describes your organization's IPv6 implementation (plans)?

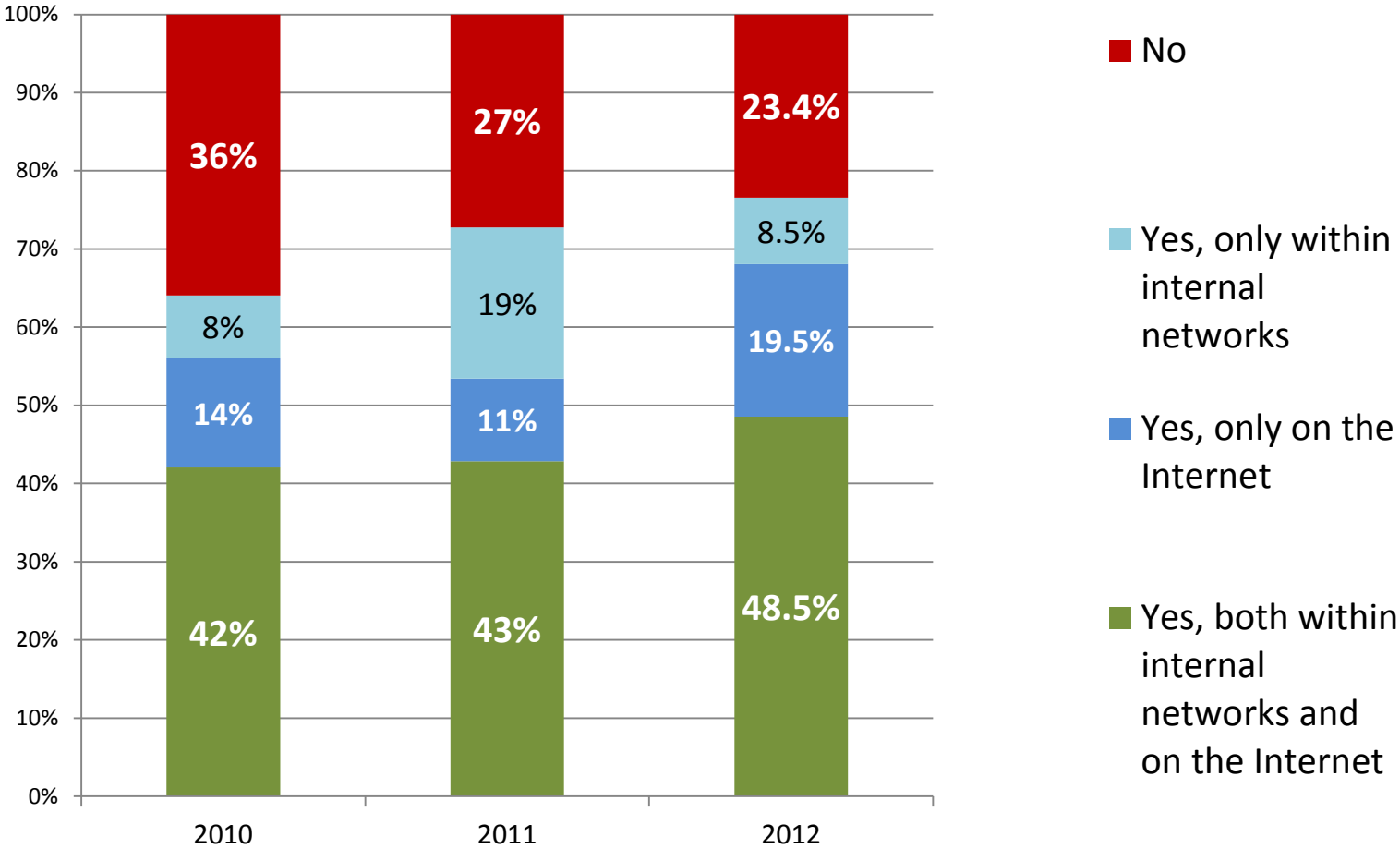


source: GNKS 2012

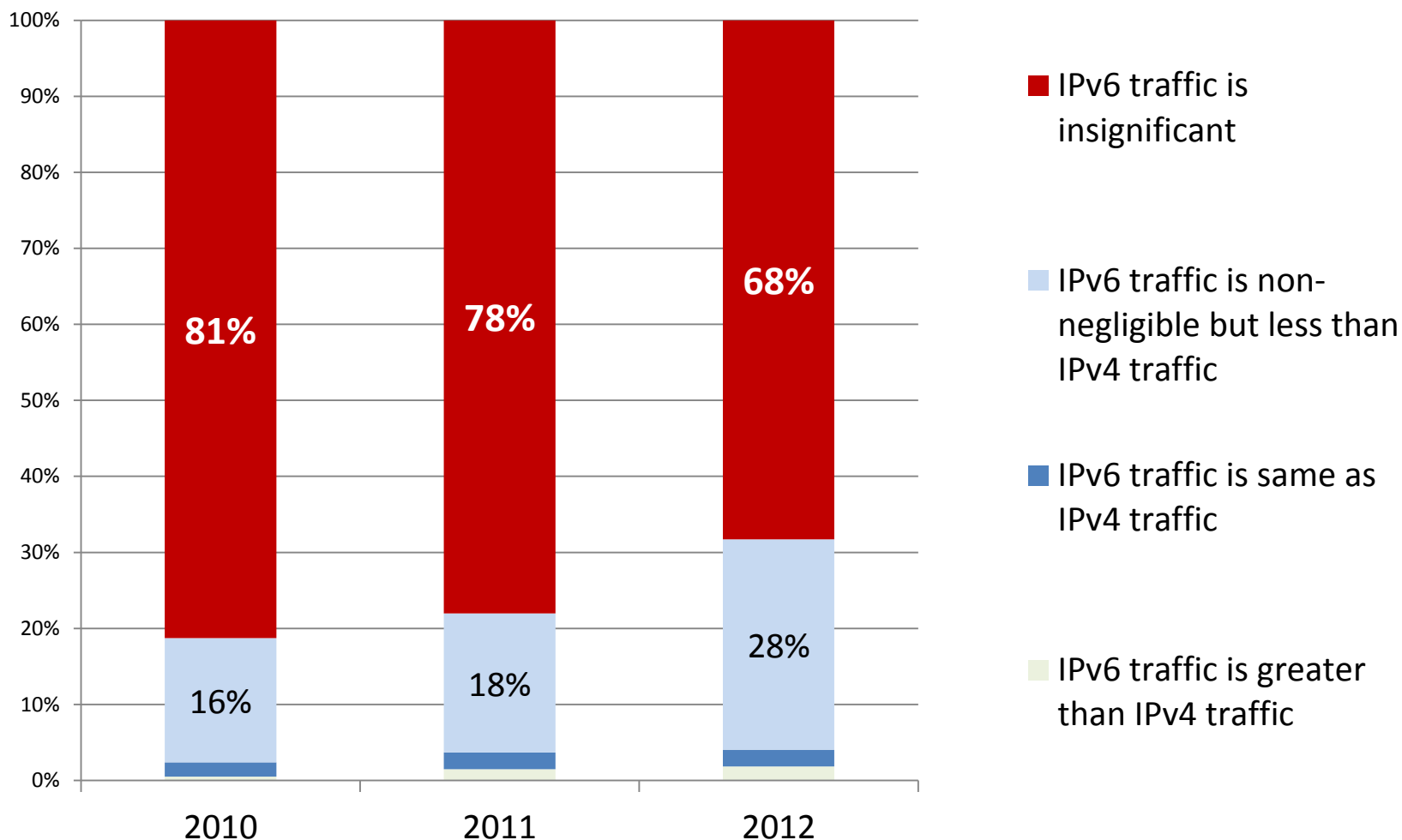
What percentage of your customer base uses IPv6 connectivity?



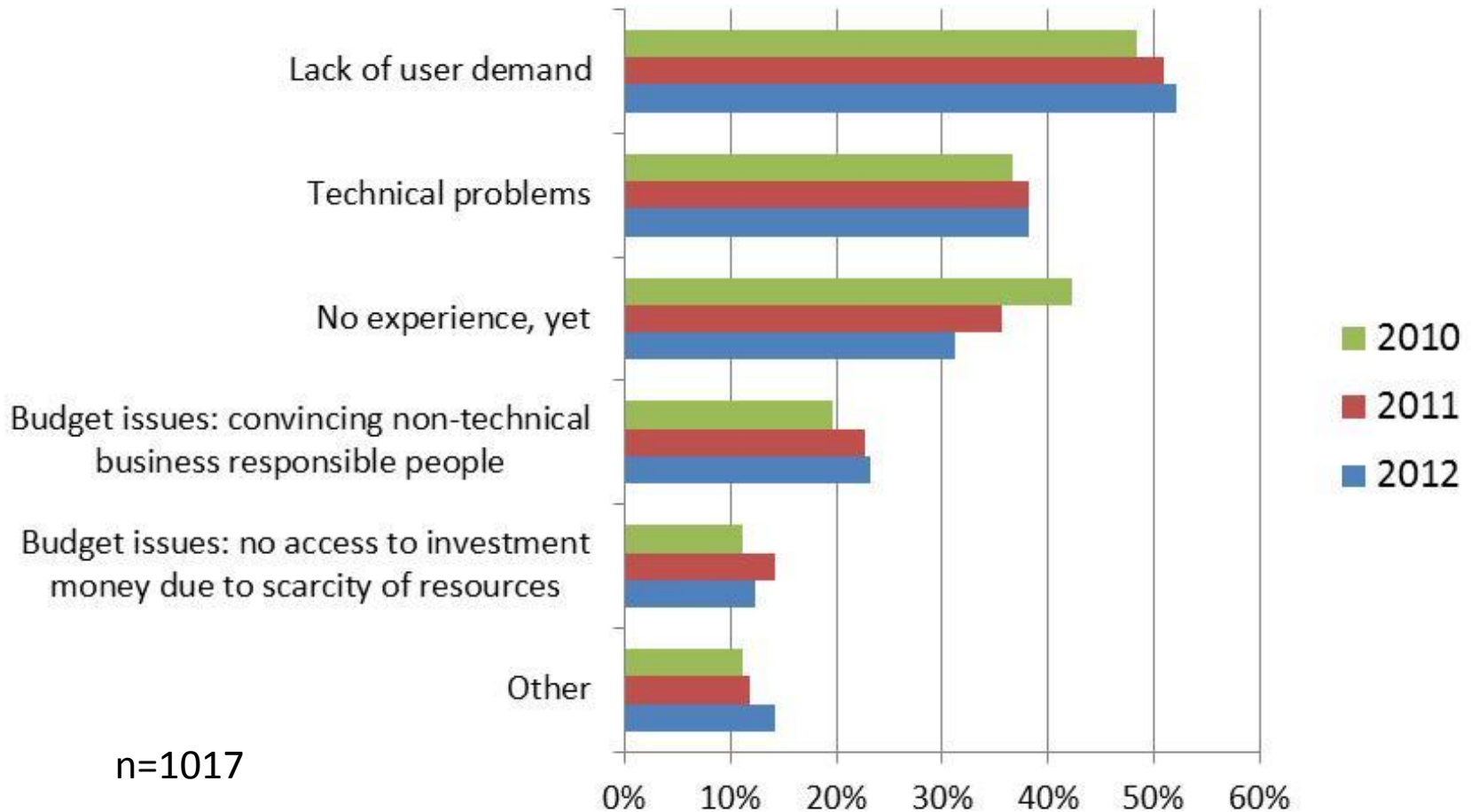
Does your organization have an IPv6 presence ?



If your organization has IPv6 in production, how does the amount of IPv6 traffic compare to your IPv4 traffic?



What are the biggest problems with IPv6 in production?



n=1017