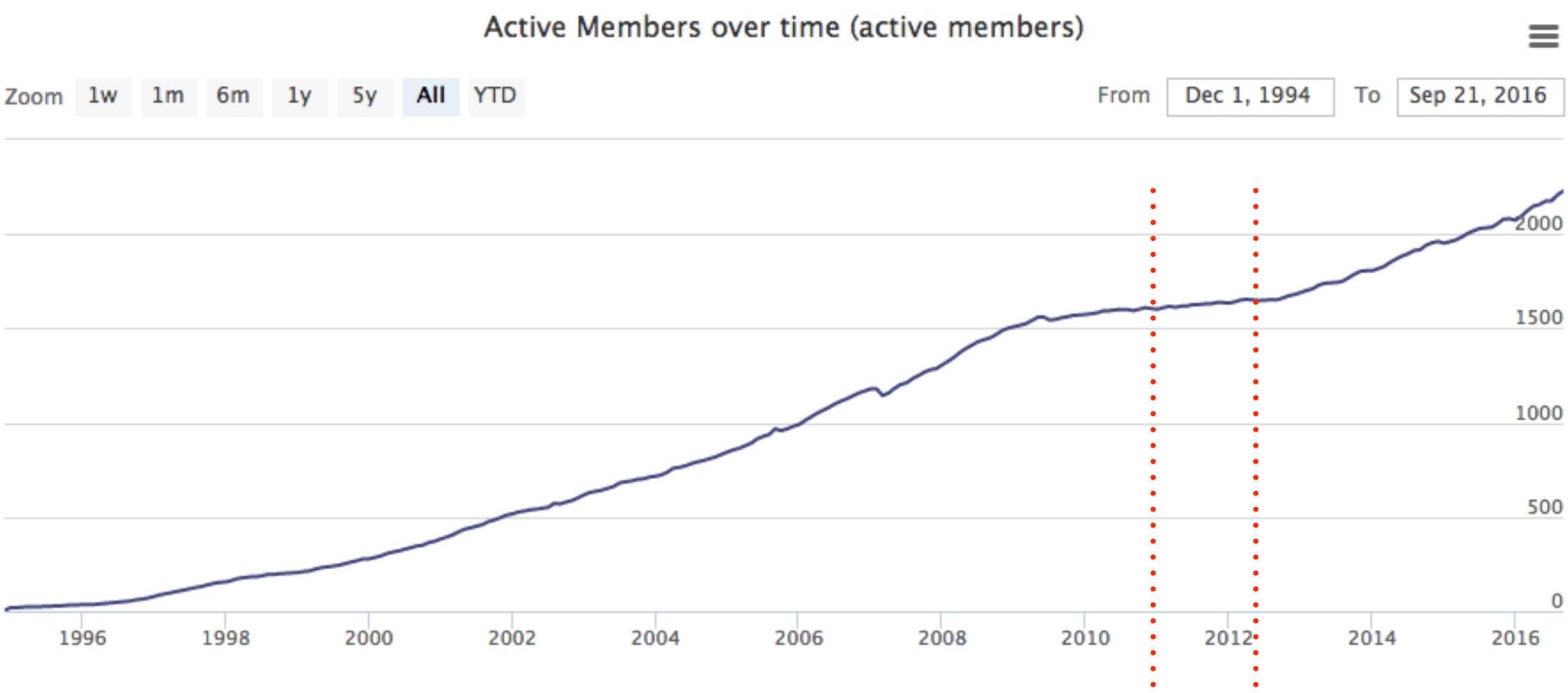
RIPE NCC
RIPE NETWORK COORDINATION CENTRE

IPv6…
Are we there yet???

Hisham Ibrahim | ENOG 12 | October 2016

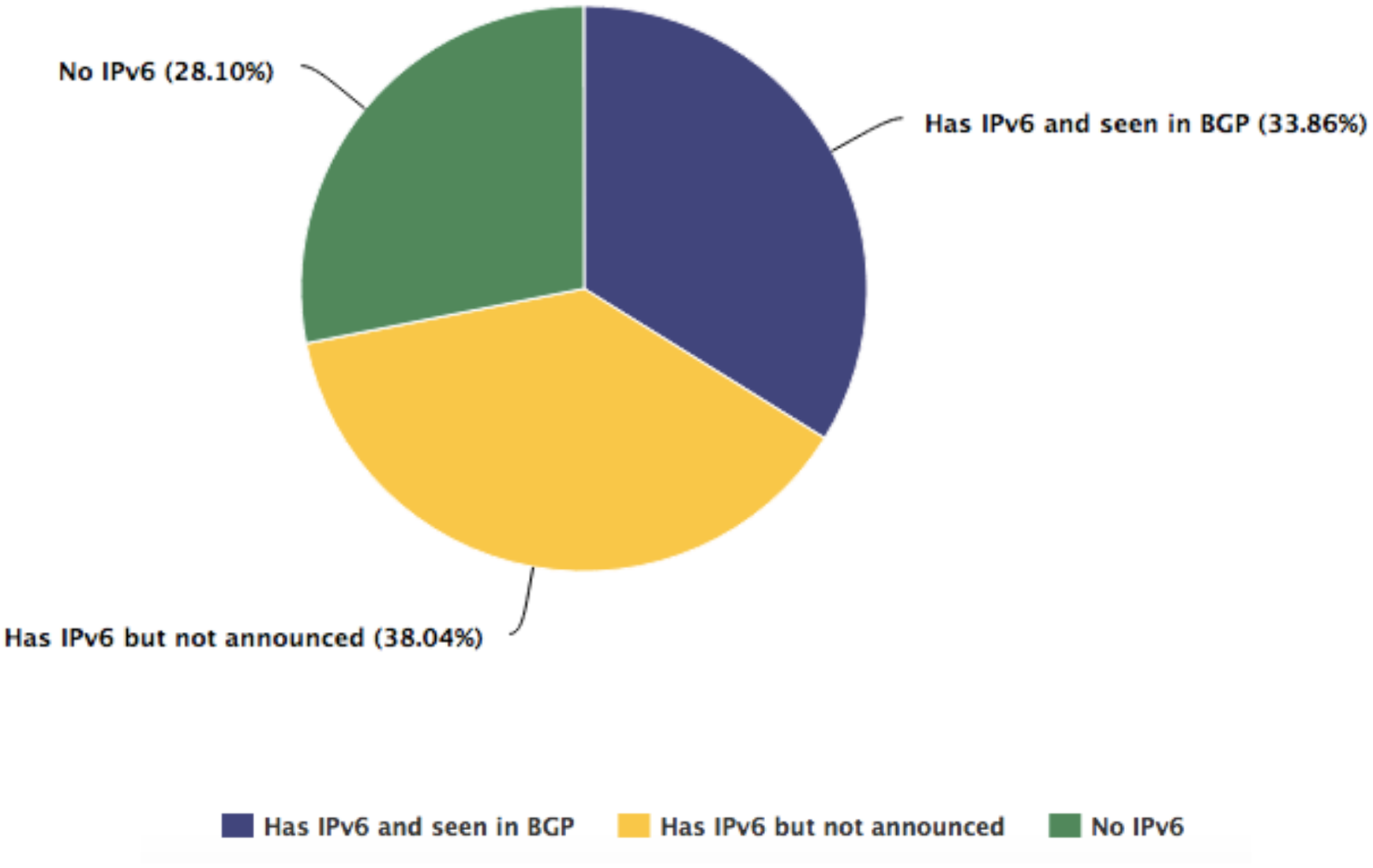
RIPE NCC Membership Growth



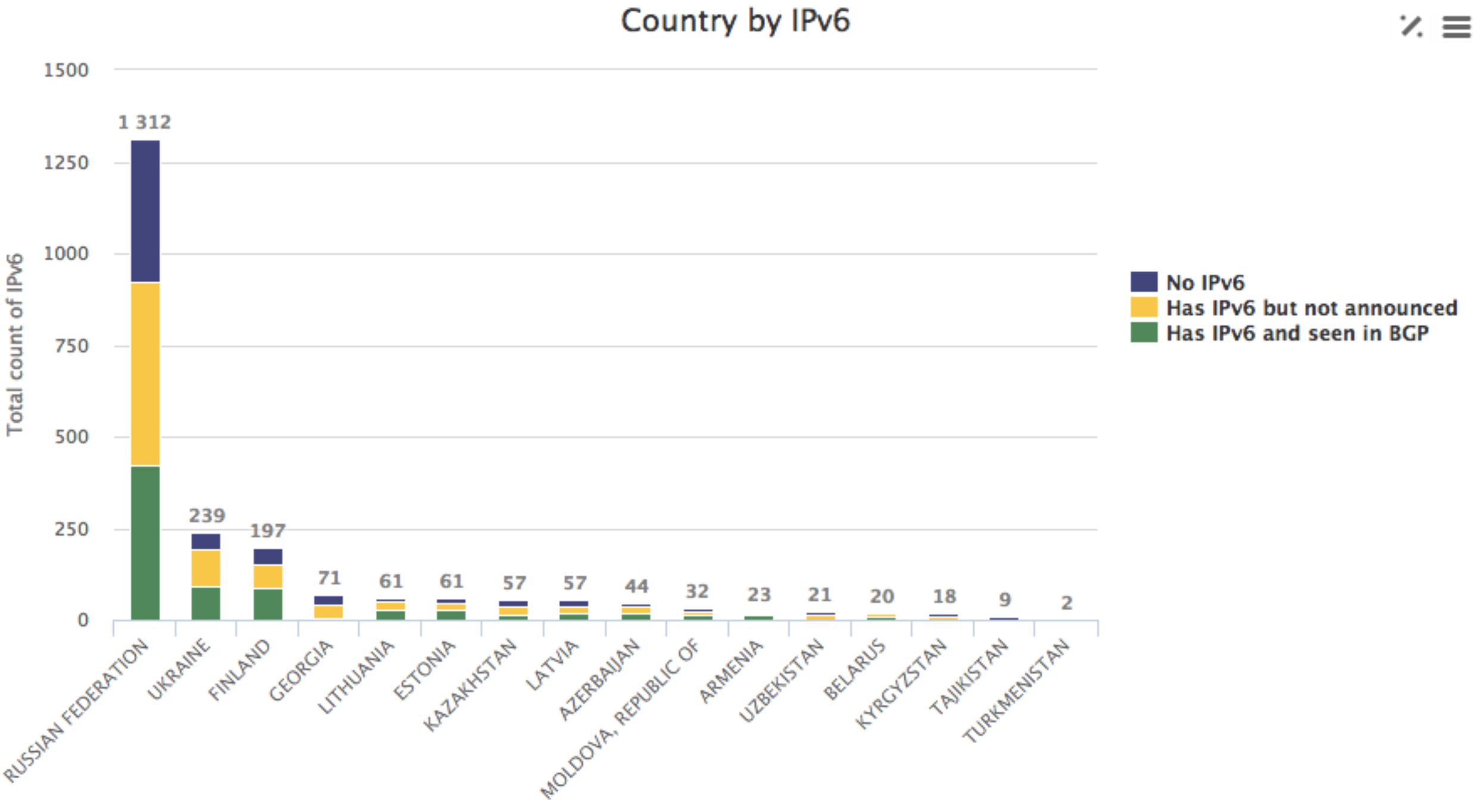
2,227 members from
AM, AZ, BY, EE, FI, GE, KG, KZ, LT, LV, MD, RU, TM, TJ, UA, UZ

IPv6 Over Time

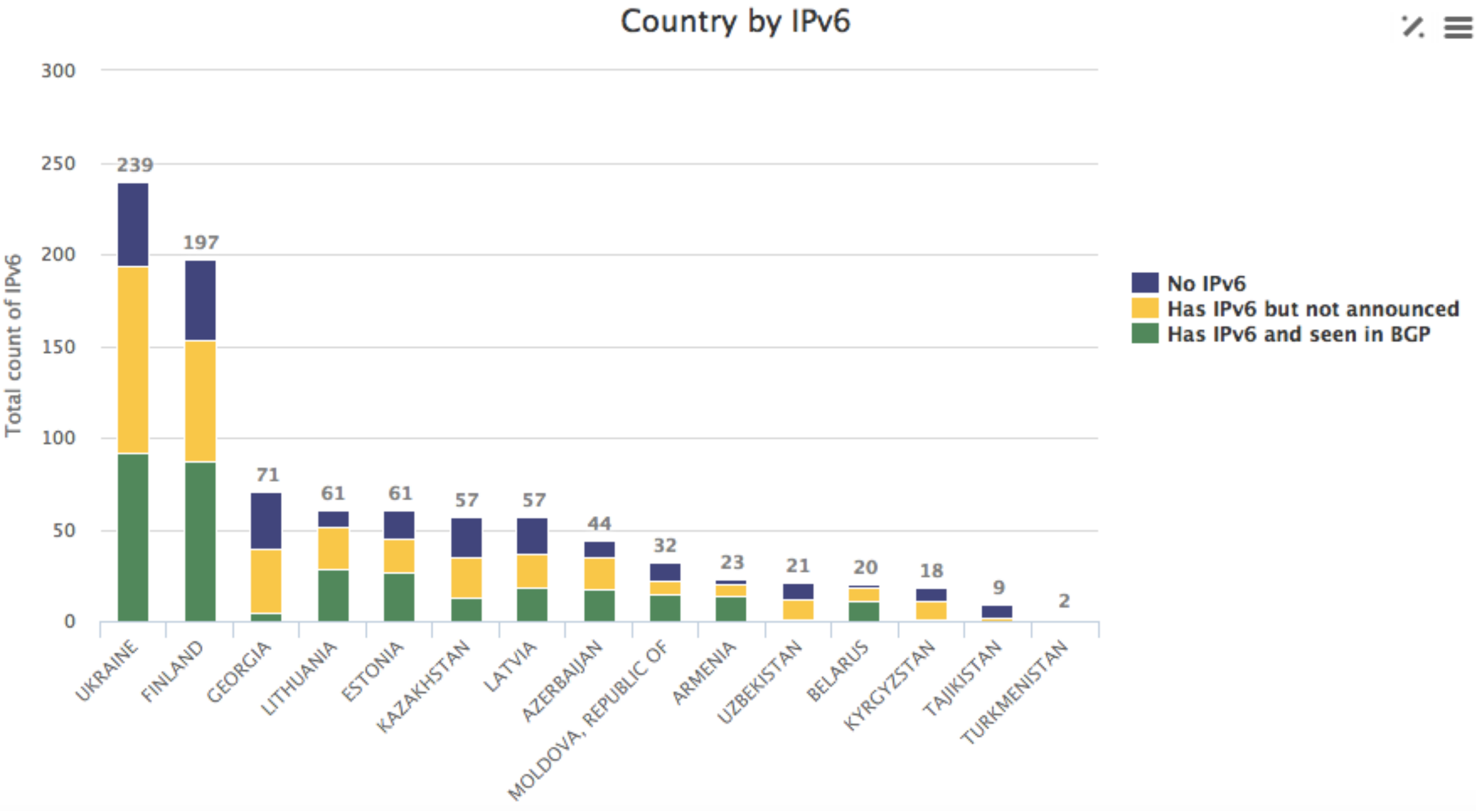
IPv6 Breakdown



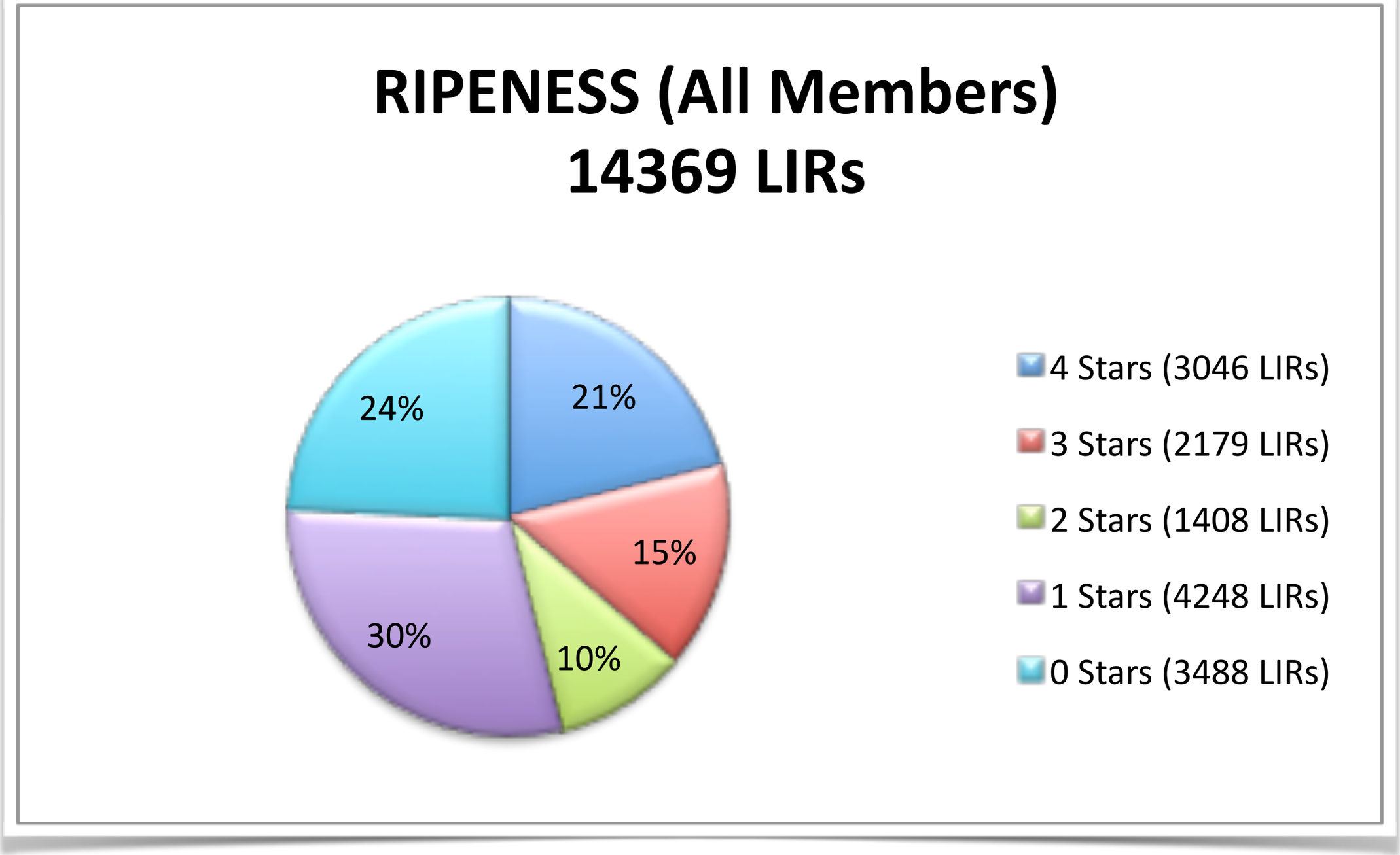
IPv6 Breakdown by Country



IPv6 Breakdown by Country



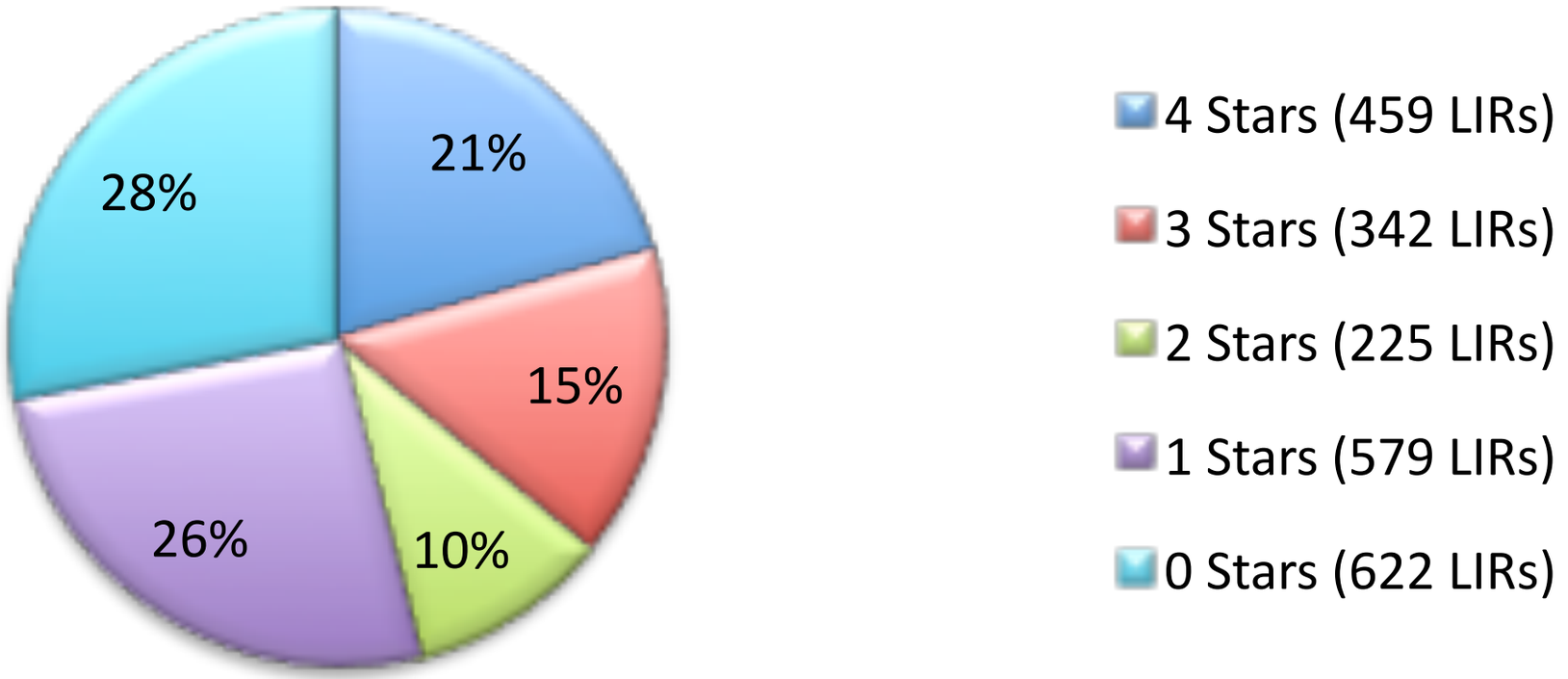
IPv6 RIPEness



Source: https://ripeness.ripe.net/

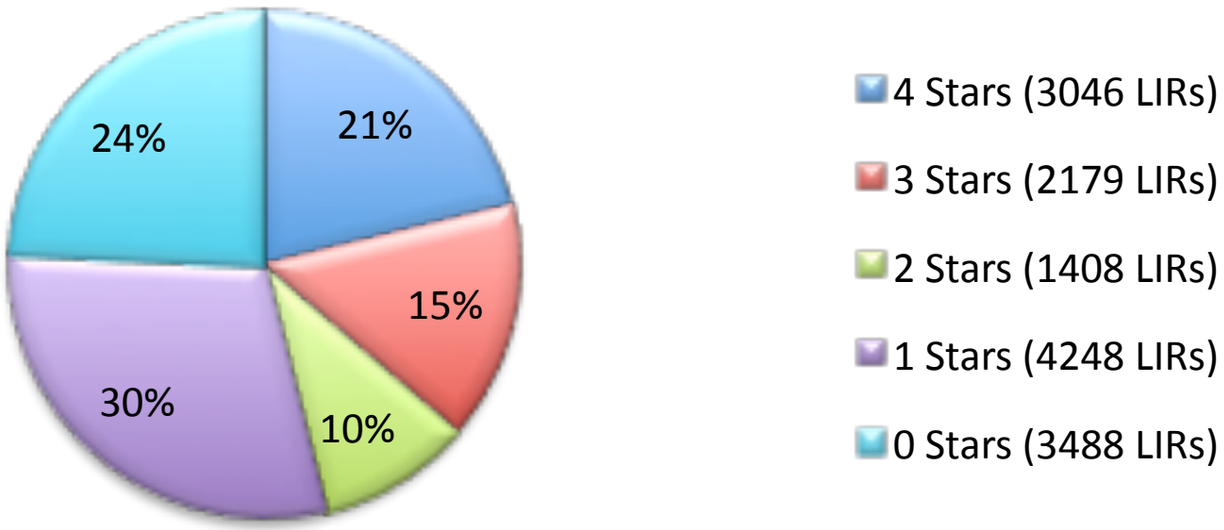
IPv6 RIPEness

RIPENESS (ENOG)
2227 LIRs

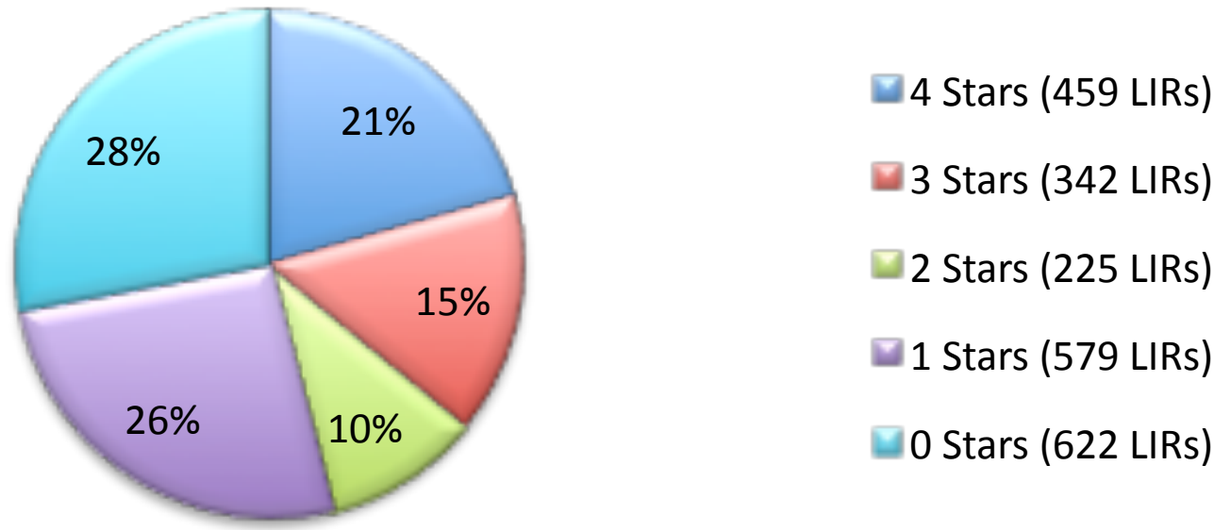


IPv6 RIPEness

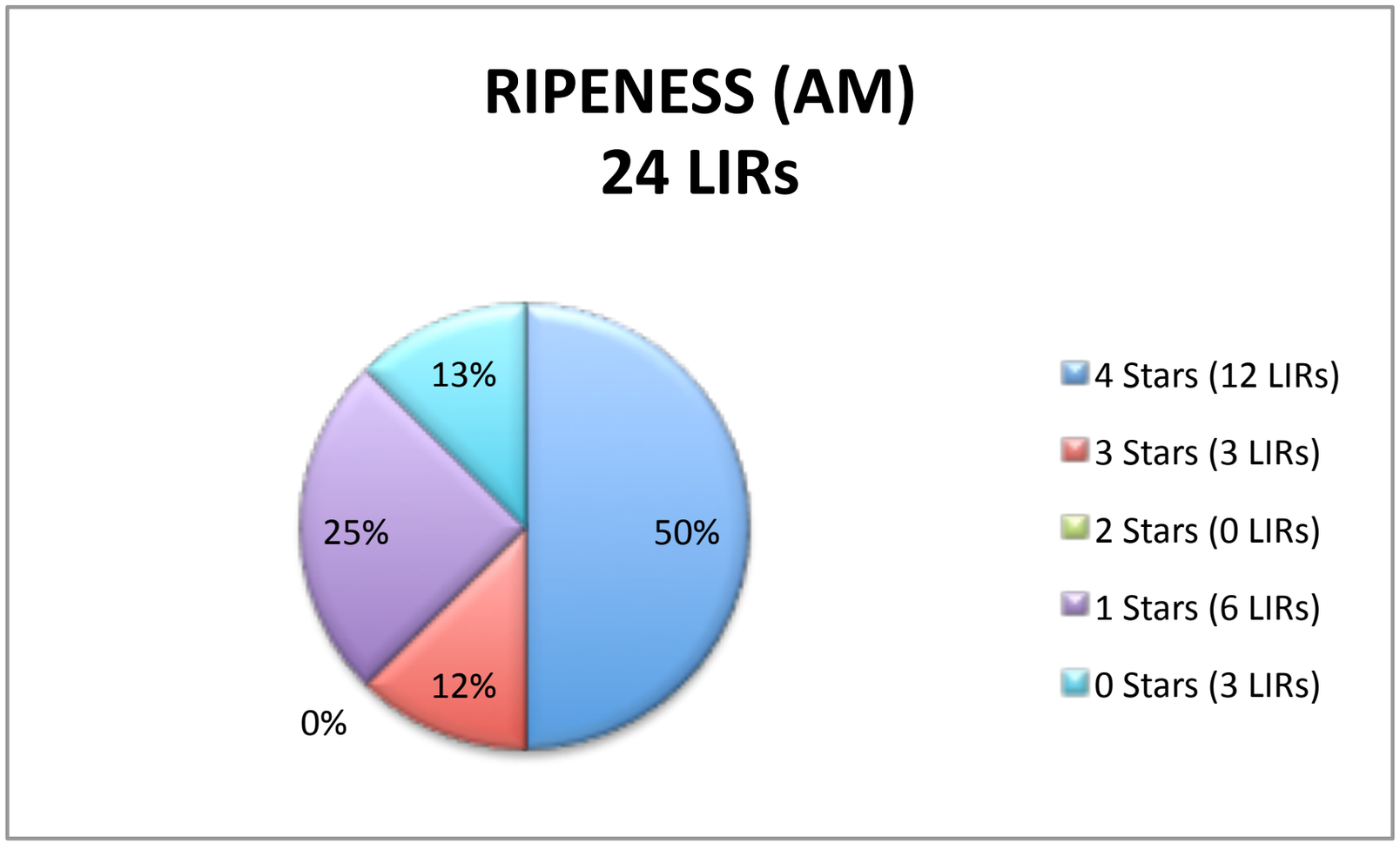
RIPENESS (All Members)
14369 LIRs



RIPENESS (ENOG)
2227 LIRs

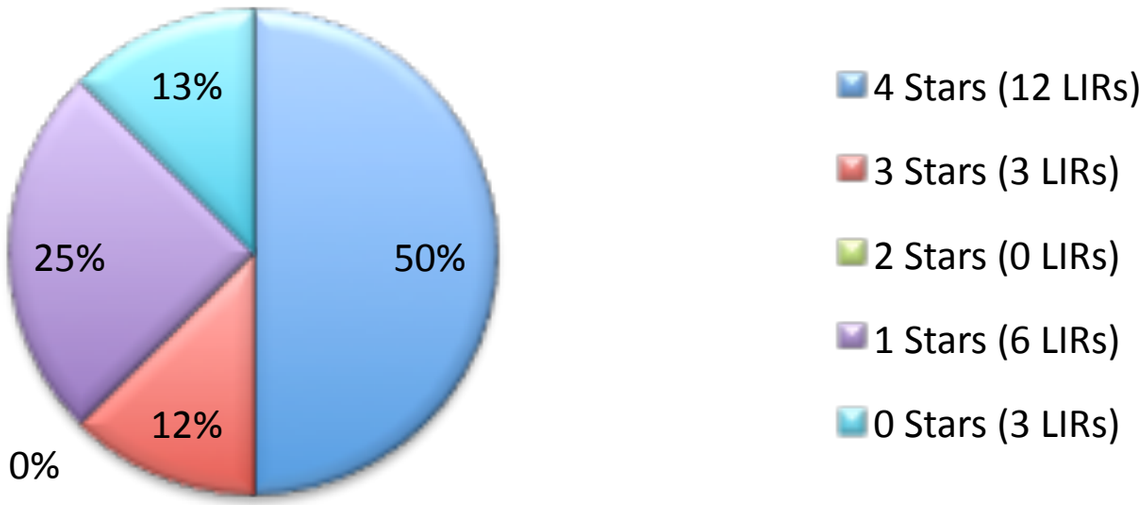


IPv6 RIPEness

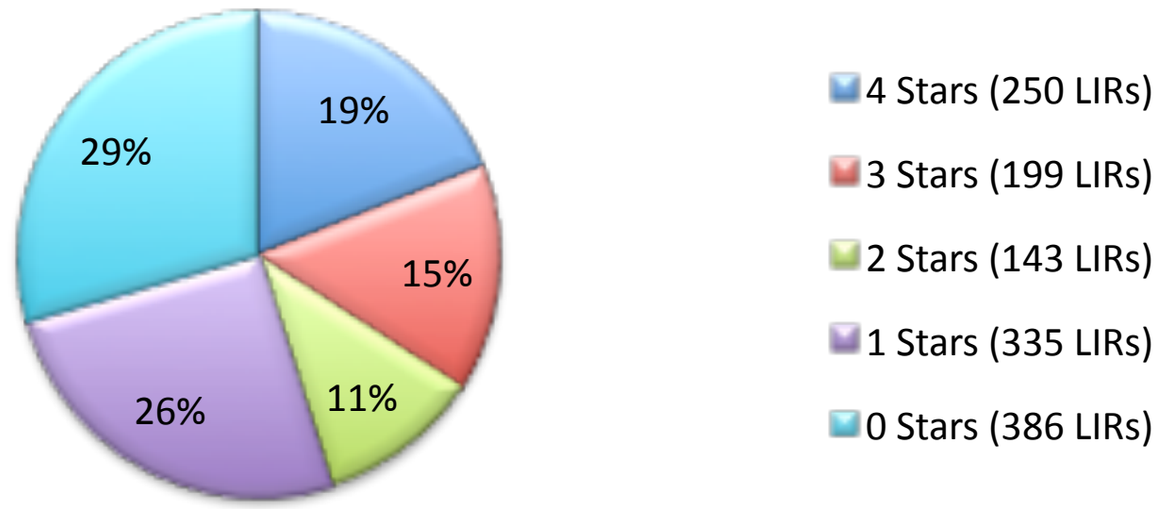


IPv6 RIPENESS

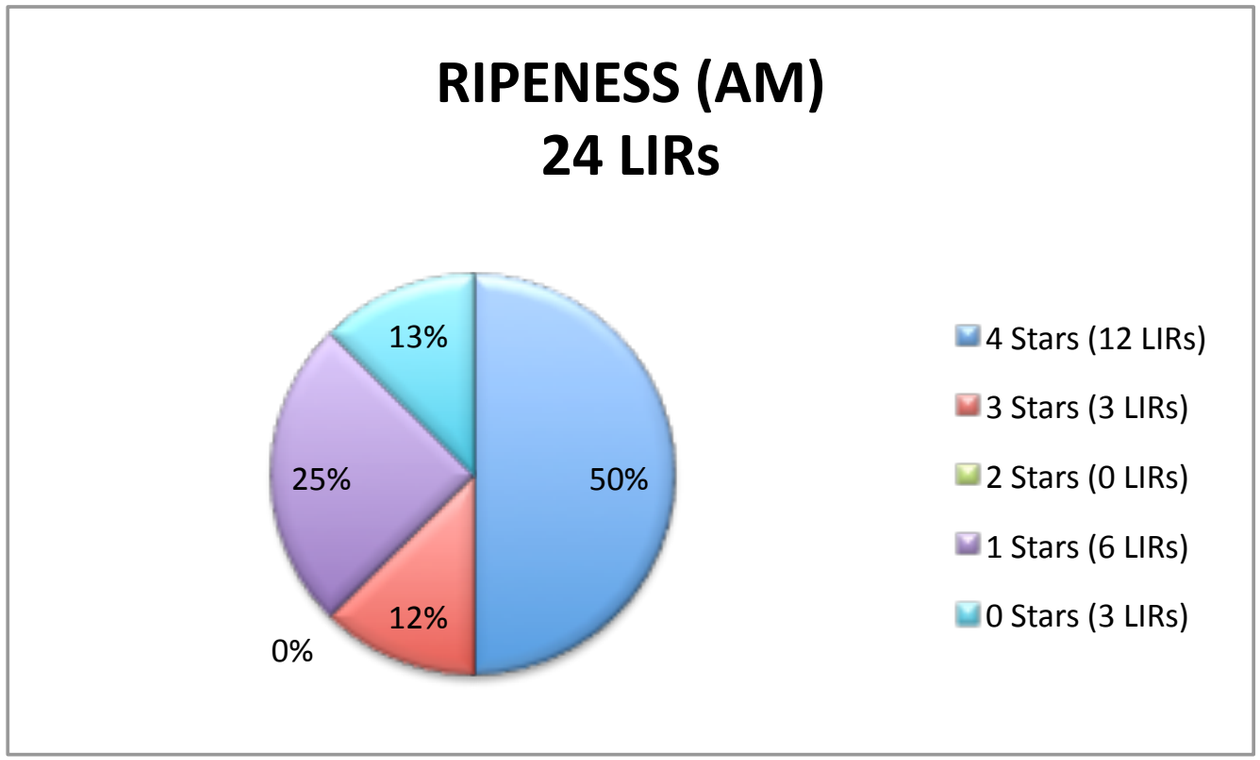
RIPENESS (AM)
24 LIRs



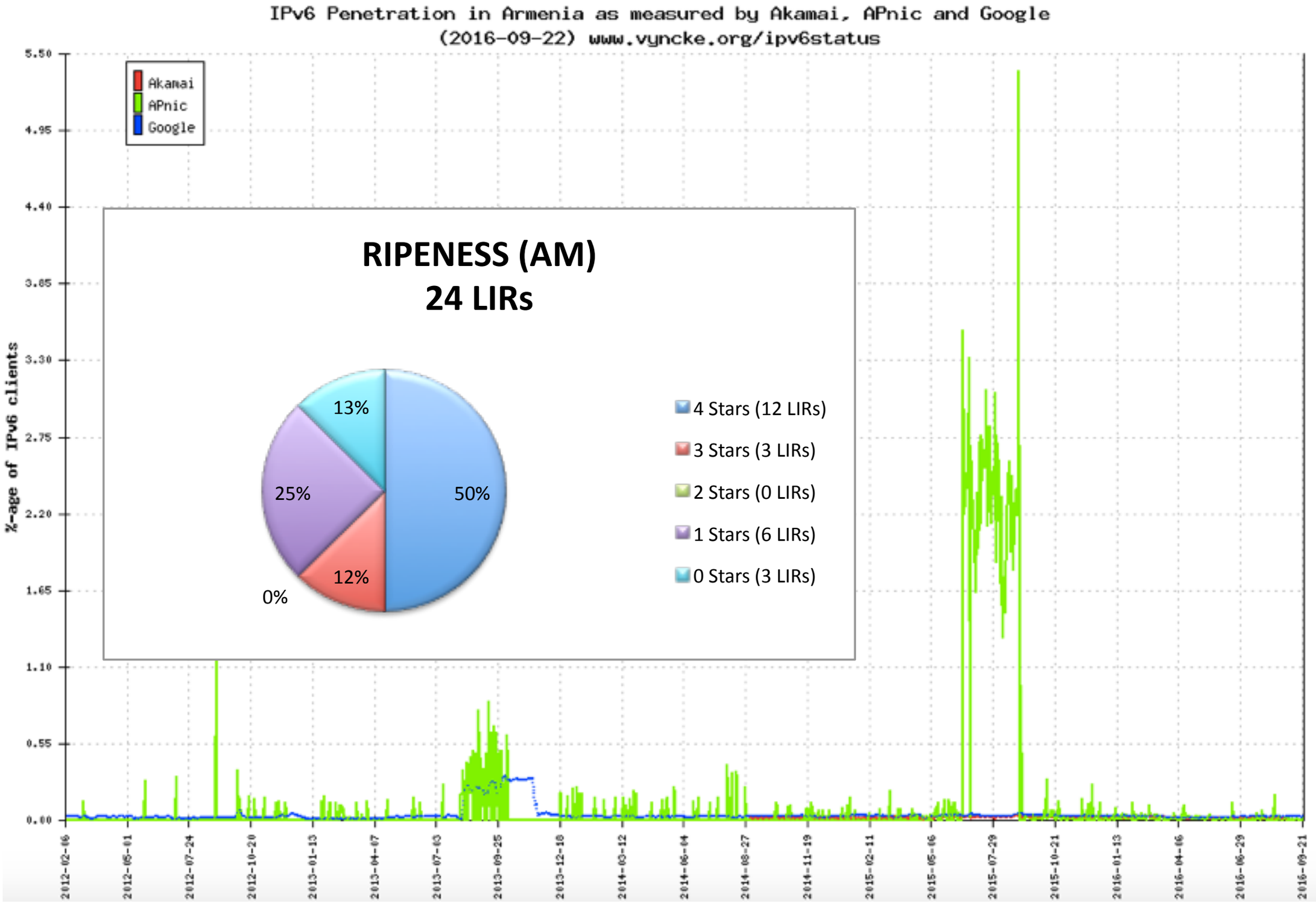
RIPENESS (RU)
1313 LIRs



IPv6 RIPEness vs. Traffic

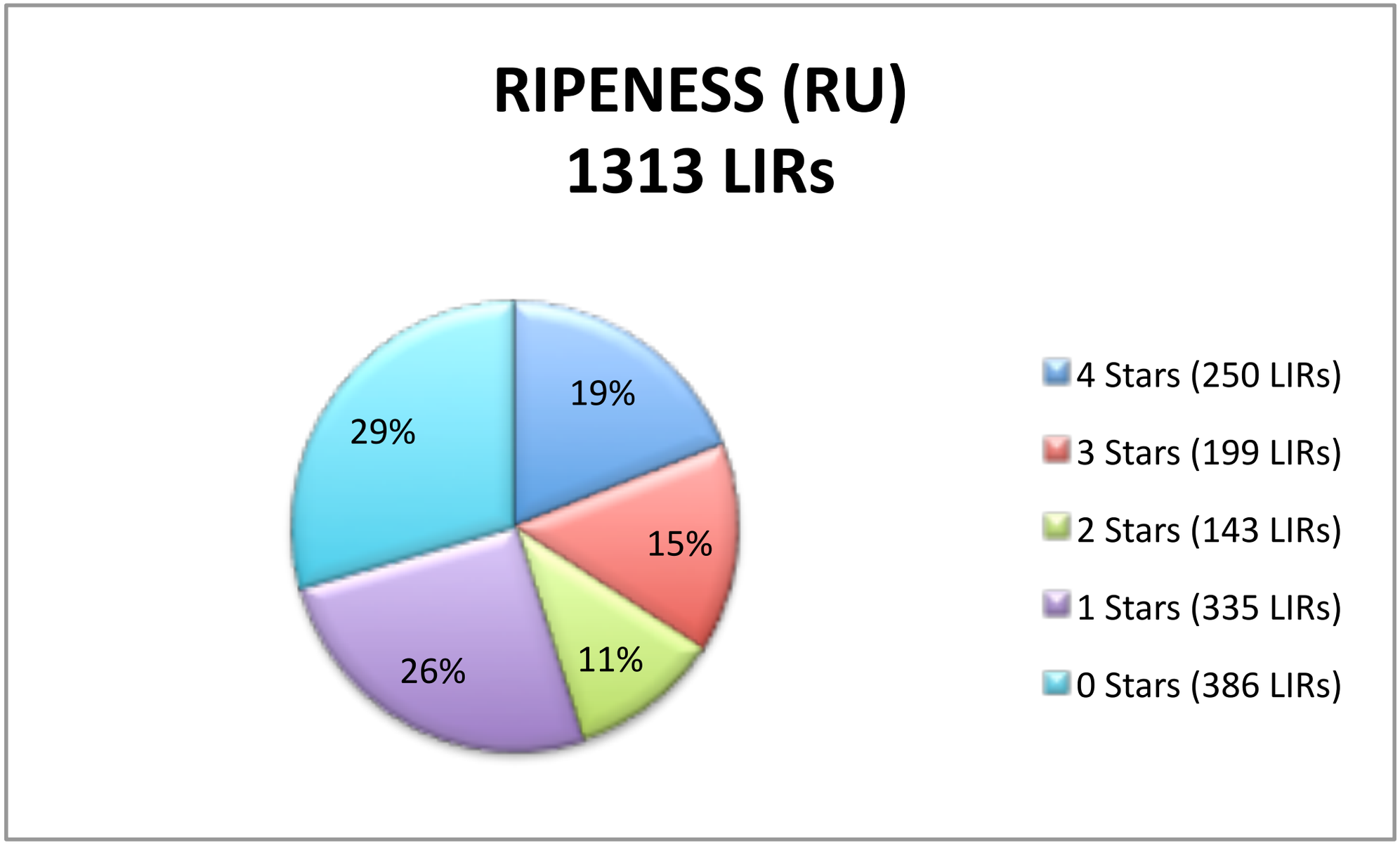


IPv6 RIPEness vs. Traffic

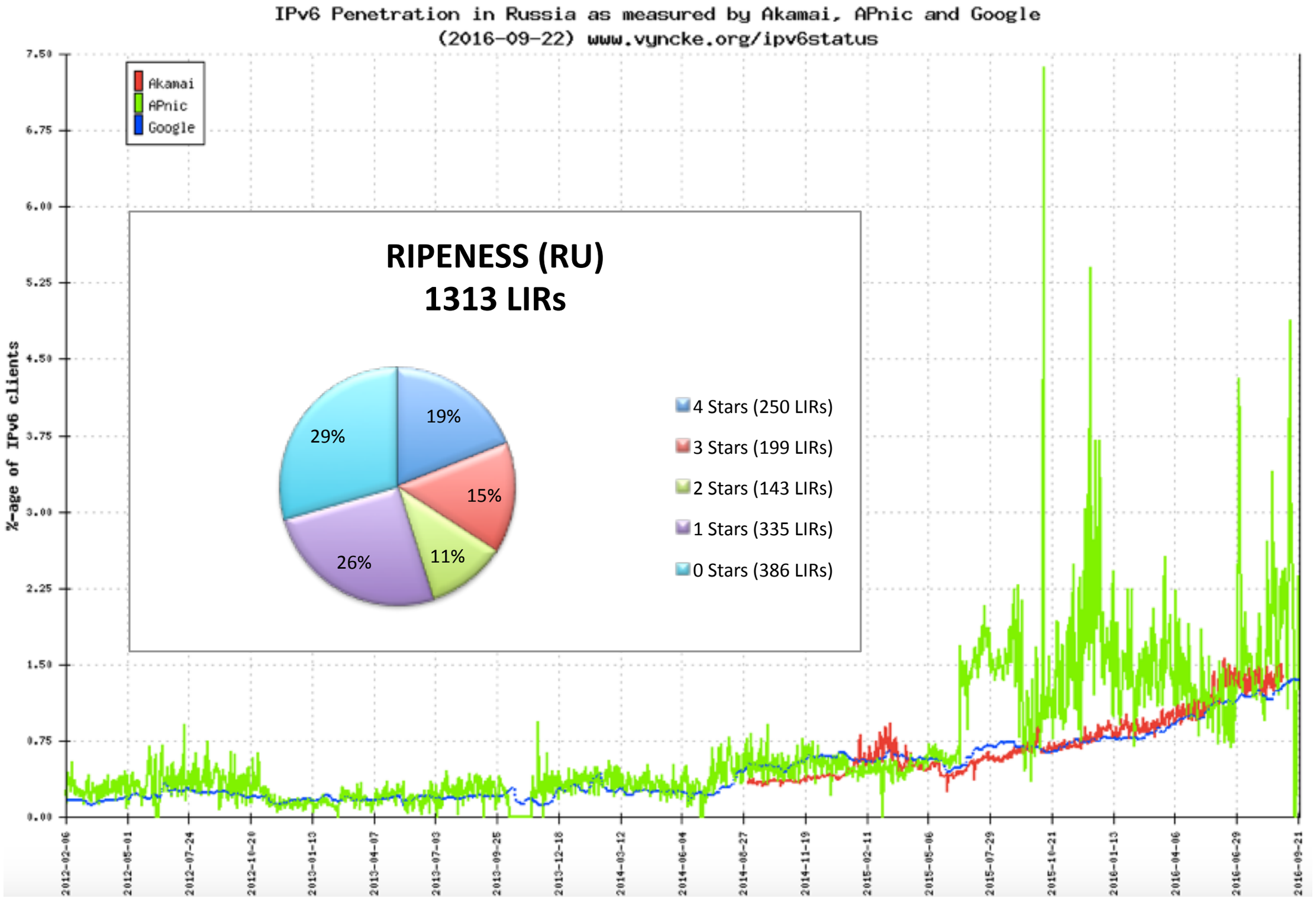


Source: https://www.vyncke.org/ipv6status/

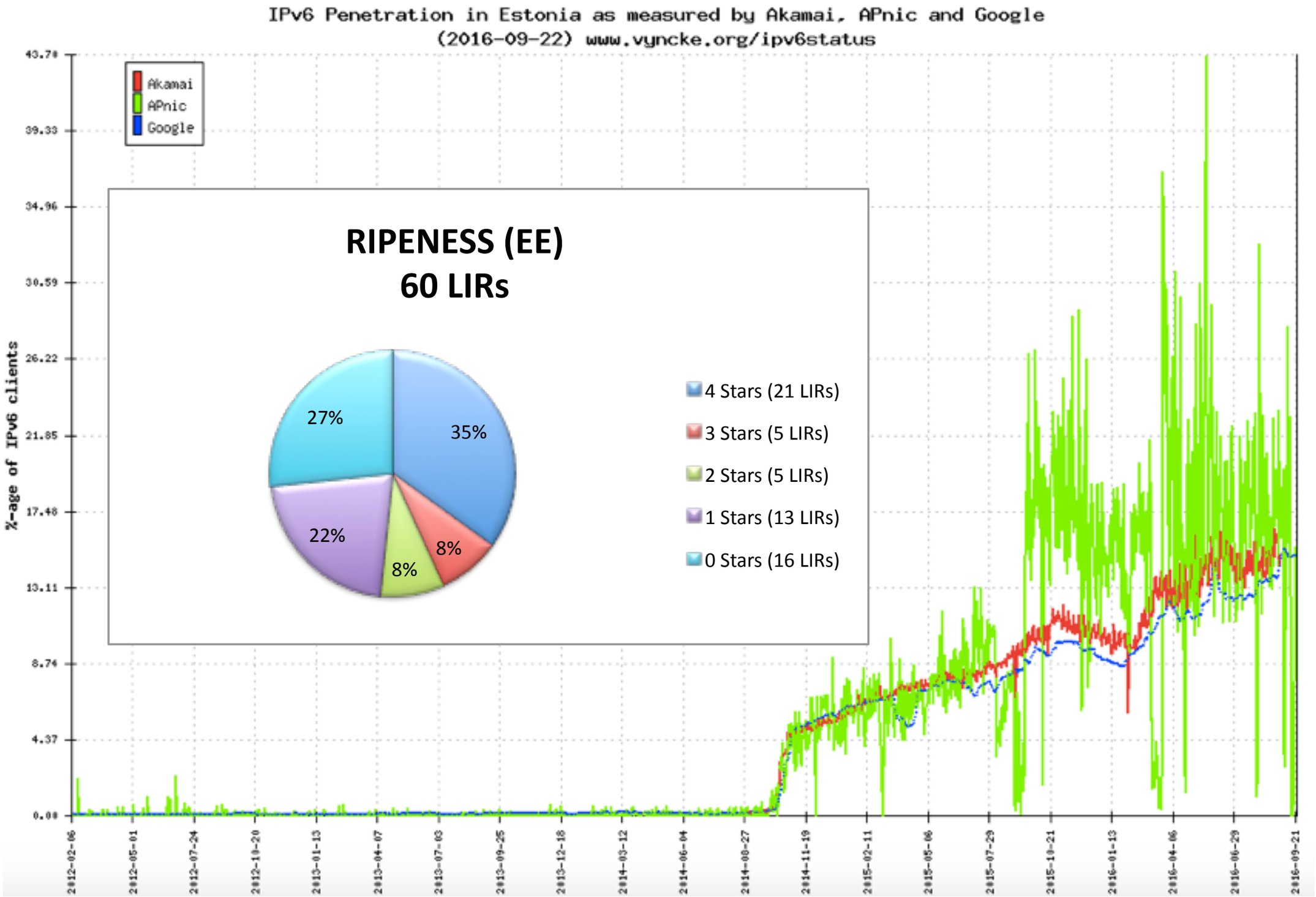
IPv6 RIPEness



IPv6 RIPEness



IPv6 RIPEness



So, What's Next?

Requirements for IPv6 in ICT Equipment

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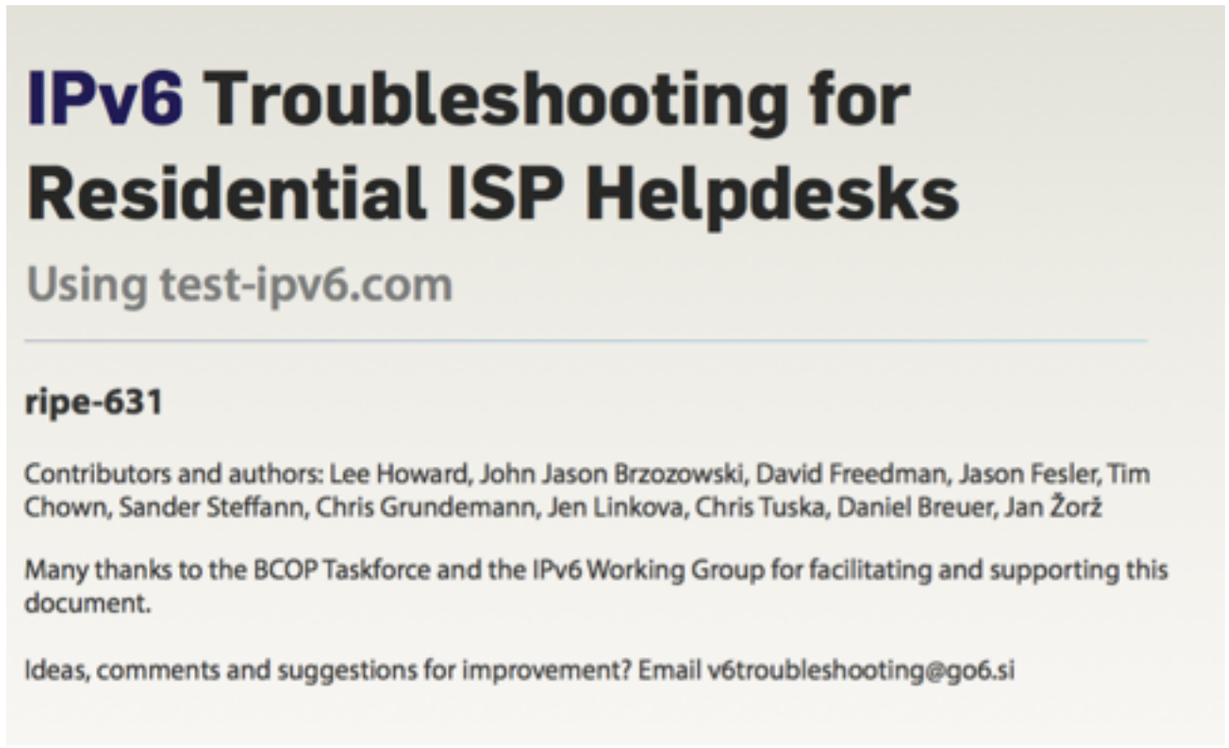
Date: June 2012
Obsoletes: ripe-501

Requirements for IPv6 in ICT Equipment
https://www.ripe.net/publications/docs/ripe-554

IPv6 Troubleshooting for Residential ISP Helpdesks
https://www.ripe.net/publications/docs/ripe-631



Case Study: (464XLAT)
T-Mobile US Goes IPv6-only

T-Mobile in the United States was running out of IPv4 addresses and needed an IPv6 transition strategy. Their solution was 464XLAT and IPv6-only.

If your organisation doesn't have a plan yet for IPv6, what are you waiting for?

http://www.internetsociety.org/deploy360/resources/case-study-t-mobile-us-goes-ipv6-only-using-464xlat/

Questions

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