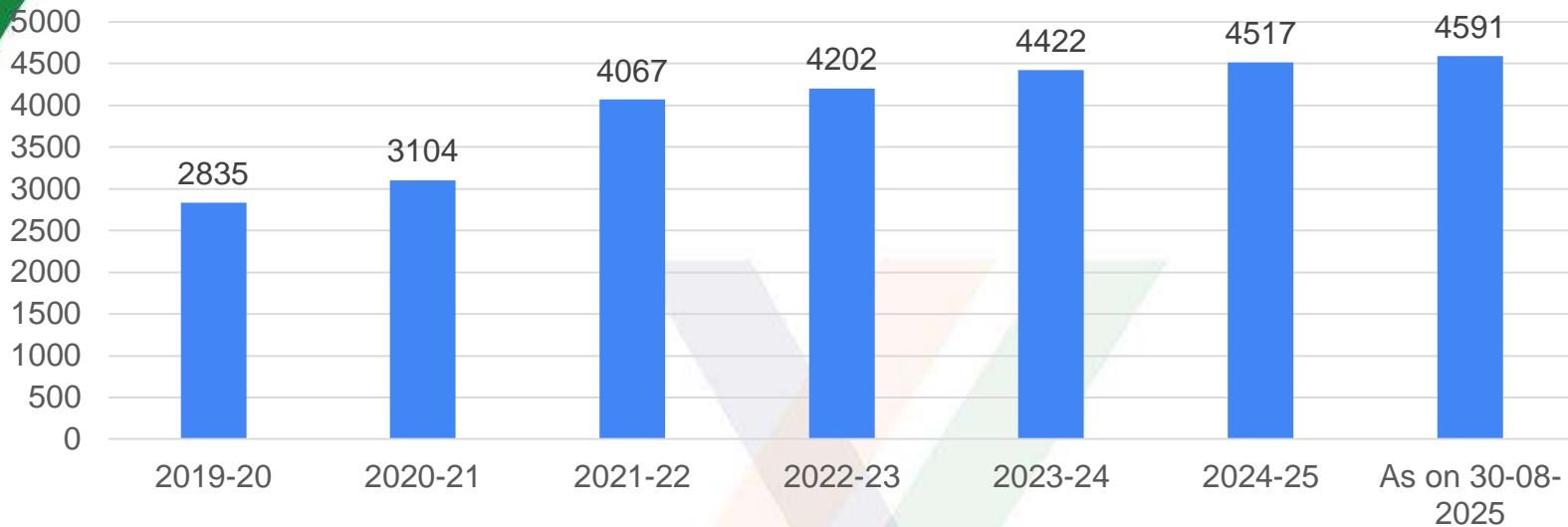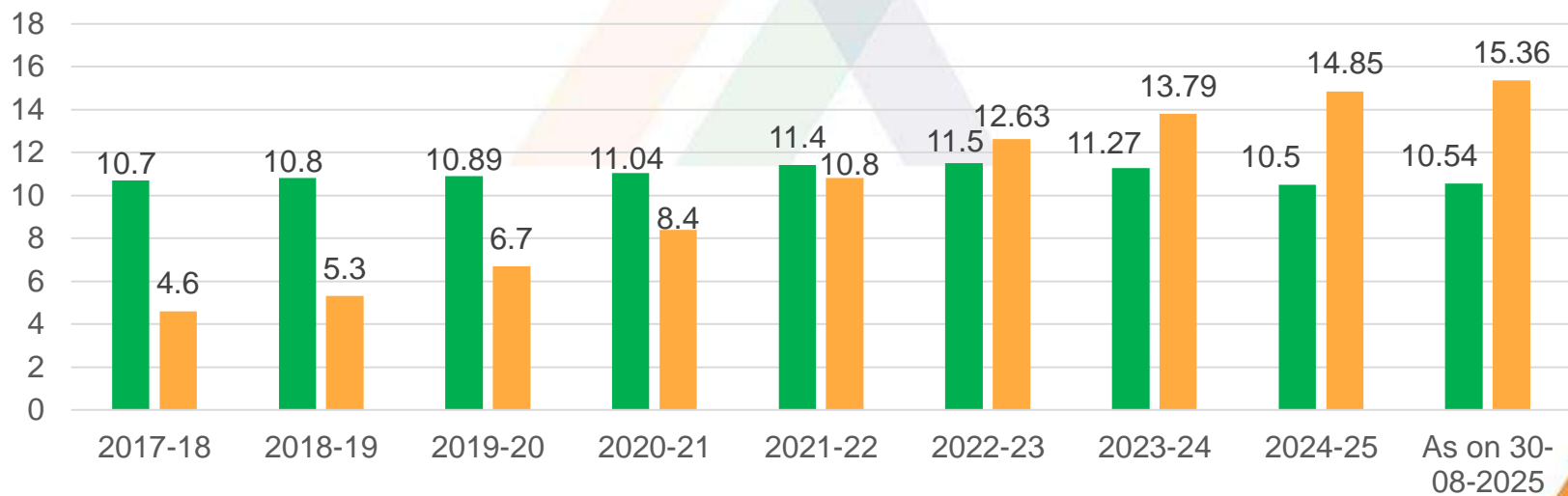# National Internet Registry, IRINN
(Indian Registry for Internet Names and Numbers)

NIR SIG - 2025
APNIC 60

Affiliate growth

IPv4 in million **IPv6 in billion**

Year	Affiliates
2019-20	2835
2020-21	3104
2021-22	4067
2022-23	4202
2023-24	4422
2024-25	4517
As on 30-08-2025	4591

Year	IPv4 in million	IPv6 in billion
2017-18	10.7	4.6
2018-19	10.8	5.3
2019-20	10.89	6.7
2020-21	11.04	8.4
2021-22	11.4	10.8
2022-23	11.5	12.63
2023-24	11.27	13.79
2024-25	10.5	14.85
As on 30-08-2025	10.54	15.36

ASN growth

Year	4 Byte	2 Byte
2012	0	2
2013	136	113
2014	138	34
2015	216	16
2016	313	10
2017	249	7
2018	323	4
2019	271	5
2020	315	2
2021	500	10
2022	390	3
2023	324	2
2024	254	2
2025	213	2

■ 4 Byte ■ 2 Byte

➢ **All ASN delegations in 2025 are done using direct ASN allocation method.**

IPv6 Deployment & Development in India

For more information, visit: https://www.nixi.in/

Key Highlights of IPv6 Progress in India

India has made significant strides in IPv6 deployment, driven by strong government policy, active participation by ISPs, and integration with future digital infrastructure. Continued focus is placed on bridging gaps in enterprise and government adoption.

Leading Global Adoption

IPv6 adoption in India is appx 77% (As per APNIC labs making it a global leader in IPv6 adoption.

DNS Service & Delegation

NIXI is running the Indian Public DNS Service, available over 2409::1 and serving more than 2.6 billion (260 Cr) queries per day.

Massive IPv6 Rollout

IRINN total delegated 15.36 billion IPv6 delegated to our INDIAN affiliate.

Accelerating IPv6 Adoption in India

IRINN is encouraging its Affiliates via webinars, emailers to deploy IPv6 in their netwrk..

Major Drive with Educational institutes regarding IPv6 Penetration Across India

Scheme to implement IPv6 among various institutes across the country..

NIXI's Online Training & Webinar Initiatives

NIXI regularly conducts webinars and online training sessions to enhance IPv6 knowledge and deployment capabilities across India.

WEBINAR

S. No.	Topic	Date
1.	Webinar on IPv6 Security by APNIC/IRINN	11-01-2024
2.	Webinar on DNS Security, Threat and Mitigation	13-02-2024
3.	Webinar on Ipv6 Sub-netting and configuration	12-03-2024
4.	Webinar on IPv6 Awareness	30-04-2024
5.	Webinar on BGP Overview	14-05-2024
6.	Webinar on IPv6 Fundamental	26-07-2024
7.	Webinar on IPv6 Operation & Services	23-08-2024
8.	Webinar on IPv6-Enabled Routing Protocols	27-09-2024
9.	Webinar on IPv6 Transition Mechanisms	25-10-2024
10.	Webinar on IPv6 Security	25-11-2024
11.	Deployment of IPv6	20-12-2024
12.	IPv6 Deployment with Enterprise	24-01-2025
13.	DNS Security and Stability	21-02-2025
14.	BGP and BGP Attributes	21-03-2025
15.	Webinar on BGP Configuration	25-04-2025
16.	Webinar on BGP Filtering & Monitoring	23-05-2025
17	Ipv6 Deployment Webinar on Transition Technology.	20-06-2025

NIXI'S INTERNET GOVERNANCE INTERNSHIP & CAPACITY BUILDING SCHEME

COHORT 1 IMPACT REPORT

DURATION :
17TH MARCH – 30TH JUNE 2025

PARTICIPANTS :
20 Interns | 12 Institutions | 7 States | 6 Languages Represented

Shaping the next generation of NIXI Internet Influencers

STRATEGIC IMPACT

NextGen ICANN Program

APAC IPv6

ISEA Cyber Program

Knowledge 2 Action Academy

APAN60 (Asia Pacific Advanced Network)

KEY CONTRIBUTIONS

30+ Reports & Notes submitted

20 Research Papers initiated

Participation in 5+ national & global events (UA Day, INNOG-8, CII Cloud Summit, GTS 2025 etc)

National event documentation and stakeholder engagement