

AP IPv6 Taskforce status from the APNIC 1x1 measurements

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Summary

- The topset from IPv6 Capable AP-IPv6TF economies
- The topset by samples seen
 - Approximate measure of eyeball share
- The topset by samples, sub-selected for IPv6
 - The people who seem to be doing “more”, noting the above



Econ	ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
JP	AS9619	SSD Sony Global Solutions Inc.	100.00%	98.94%	568
CN	AS23910	CNGI-CERNET2-AS-AP China Next Generation Inte	98.91%	90.76%	184
KR	AS55536	PSWITCH-HK PACSWITCH GLOBAL IP NETWORK	98.80%	0.01%	7583
IN	AS15169	GOOGLE - Google Inc.	98.26%	96.97%	2010
HK	AS55536	PSWITCH-HK PACSWITCH GLOBAL IP NETWORK	96.64%	0.00%	67349
SG	AS59349	GMOINTERNET-SG GMO INTERNET PTE LTD	94.09%	93.45%	779
SG	AS133466	BOSCH-NET-AP Robert Bosch GmbH	93.31%	0.00%	344
TH	AS131221	PBRU-AS-AP Petchaburi Rajabhat University	87.46%	84.77%	1116
AU	AS56132	MONASHUNI-AU-AS-AP Monash University	81.80%	80.68%	2132
IN	AS134854	RBEI-AS-IN Robert Bosch engineering and busin	79.61%	0.00%	5065
CN	AS109	CISCOYSTEMS - Cisco Systems, Inc.	78.90%	75.53%	564
JP	AS17932	JAIST Japan Advanced Institute of Science and	76.92%	73.44%	1811
HK	AS4528	HKU-AS-HK The University of Hong Kong	74.85%	57.46%	2795
TH	AS24453	CRU-AS-AP Chandrakasem Rajabahat University	73.87%	71.43%	1680
JP	AS7506	INTERQ GMO Internet,Inc	71.53%	62.49%	9788
JP	AS18126	CTCX Chubu Telecommunications Company, Inc.	65.22%	44.38%	26794
NZ	AS9433	MASSEY-AS Massey University	64.49%	3.67%	245
JP	AS38635	KEIO-NET Keio University	58.61%	50.33%	459
TH	AS131246	LRU-AS-AP LOEI university network .LOEI. Thai	58.46%	57.41%	479

Econ	ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
CN	AS4134	CHINANET-BACKBONE No.31,Jin-rong Street	0.45%	0.32%	9921602
PK	AS45595	PKTELECOM-AS-PK Pakistan Telecom Company Limi	0.00%	0.00%	8867268
VN	AS45899	VNPT-AS-VN VNPT Corp	0.00%	0.00%	7512695
CN	AS4837	CHINA169-BACKBONE CNCGROUP China169	0.18%	0.16%	7310962
PH	AS9299	IPG-AS-AP Philippine Long Distance Telephone	0.01%	0.00%	5452906
MY	AS4788	TMNET-AS-AP TM Net, Internet Service Provider	17.03%	14.57%	4532847
TW	AS3462	HINET Data Communication Business Group	0.15%	0.12%	4500037
TH	AS45629	JASTEL-NETWORK-TH-AP JasTel Network Internati	0.01%	0.00%	3819088
VN	AS7552	VIETEL-AS-AP Viettel Corporation	0.00%	0.00%	3611621
VN	AS18403	FPT-AS-AP The Corporation for Financing Promo	0.05%	0.04%	3355875
TH	AS17552	TRUE-AS-AP True Internet Co.,Ltd.	0.00%	0.00%	3341217
ID	AS17974	TELKOMNET-AS2-AP PT Telekomunikasi Indonesia	0.01%	0.00%	3276304
PH	AS132199	GLOBE-MOBILE-5TH-GEN-AS Globe Telecom Inc.	0.01%	0.00%	2950110
HK	AS9269	HKBN-AS-AP Hong Kong Broadband Network Ltd.	0.19%	0.02%	2171672
HK	AS4760	HKTIMS-AP PCCW Limited	0.05%	0.04%	2009476
TH	AS23969	TOT-NET TOT Public Company Limited	0.01%	0.00%	1811768
TH	AS131445	AIS3G-2100-AS-AP Advance Wireless Network	0.00%	0.00%	1549340
TH	AS9737	TOTNET-TH-AS-AP TOT Public Company Limited	0.05%	0.00%	1505546
PH	AS10139	SMARTBRO-PH-AP Smart Broadband, Inc.	0.06%	0.00%	1488563
CN	AS9808	CMNET-GD Guangdong Mobile Communication Co.Lt	0.07%	0.04%	1288010

Econ	ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
SG	AS10091	SCV-AS-AP StarHub Cable Vision Ltd	52.91%	35.92%	243310
JP	AS2516	KDDI KDDI CORPORATION	39.31%	29.95%	557541
JP	AS17676	GIGAINFRA Softbank BB Corp.	22.78%	20.09%	612727
MY	AS4788	TMNET-AS-AP TM Net, Internet Service Provider	17.03%	14.57%	4532847
AU	AS1221	ASN-TELSTRA Telstra Pty Ltd	6.93%	5.56%	717017
SG	AS55430	STARHUBINTERNET-AS-NGNBN Starhub Internet Pte	6.83%	4.41%	386292
SG	AS4773	MOBILEONELTD-AS-AP MobileOne Ltd. MobileInter	6.21%	5.38%	298158
JP	AS4713	OCN NTT Communications Corporation	2.53%	1.81%	631696
TW	AS9416	MULTIMEDIA-AS-AP Hoshin Multimedia Center Inc	1.26%	0.00%	277964
CN	AS4808	CHINA169-BJ CNCGROUP IP network China169 Beij	1.02%	0.94%	659206
CN	AS17816	CHINA169-GZ China Unicom IP network China169	0.50%	0.45%	238085
CN	AS4134	CHINANET-BACKBONE No.31,Jin-rong Street	0.45%	0.32%	9921602
SG	AS9506	MAGIX-SG-AP Magix Broadband Network	0.29%	0.09%	851945
HK	AS9269	HKBN-AS-AP Hong Kong Broadband Network Ltd.	0.19%	0.02%	2171672
CN	AS4837	CHINA169-BACKBONE CNCGROUP China169	0.18%	0.16%	7310962
CN	AS4812	CHINANET-SH-AP China Telecom (Group)	0.16%	0.12%	1007209
TW	AS3462	HINET Data Communication Business Group	0.15%	0.12%	4500037
CN	AS23724	CHINANET-IDC-BJ-AP IDC, China Telecommunicati	0.14%	0.00%	394688
MV	AS7642	DHIRAAGU-MV-AP Dhivehi Raajjeyge Gulhun (Dhir	0.13%	0.09%	438667
MY	AS9534	MAXIS-AS1-AP Binariang Berhad	0.11%	0.09%	691591

So what is this telling us?

- The set of entities with a high rate of IPv6 capability excludes almost all significant ISPs by volume.
 - Academic Institutions & Research networks abound. This is good!
- The set of entities with high volume of eyes have only one significant ISP: (TMNET)
 - Former MY monopoly telco has made a significant move.
- A more generous view of the top 200 ISP by volume shows significant capability in region.
 - But there are no clear signs of widespread uptake across all economies in the AP-IPv6 taskforce
- Changing this situation requires engaging with ISPs of significance who have no clear commitment to end-user IPv6



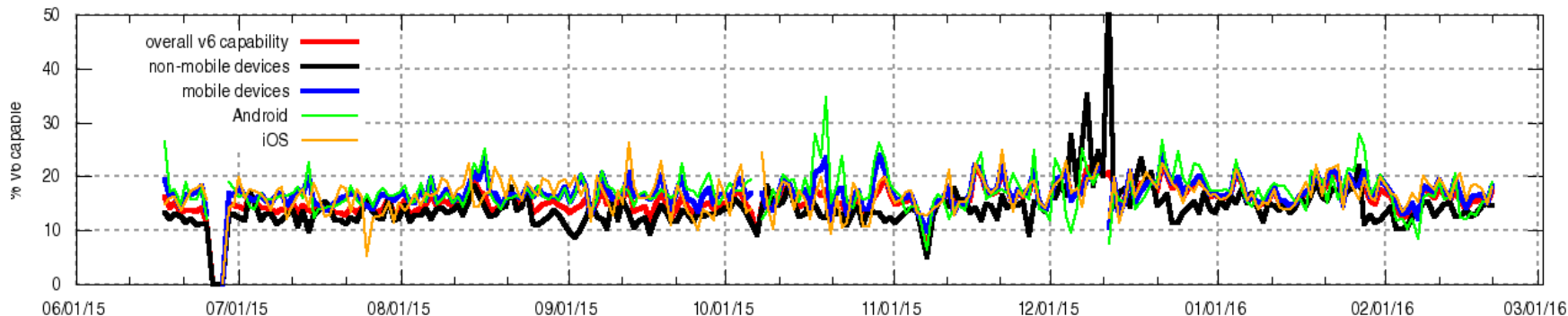
What about types of user?

- We now can see into the browser and OS (HTML5)
- We cannot control the ratio of presentation to different browser and OS, but we can compare ‘capability’ in this space
- Summarized as iOS or Android, Desktop or mobile
 - Not to be confused with ‘on cellular’ –depends on ASN



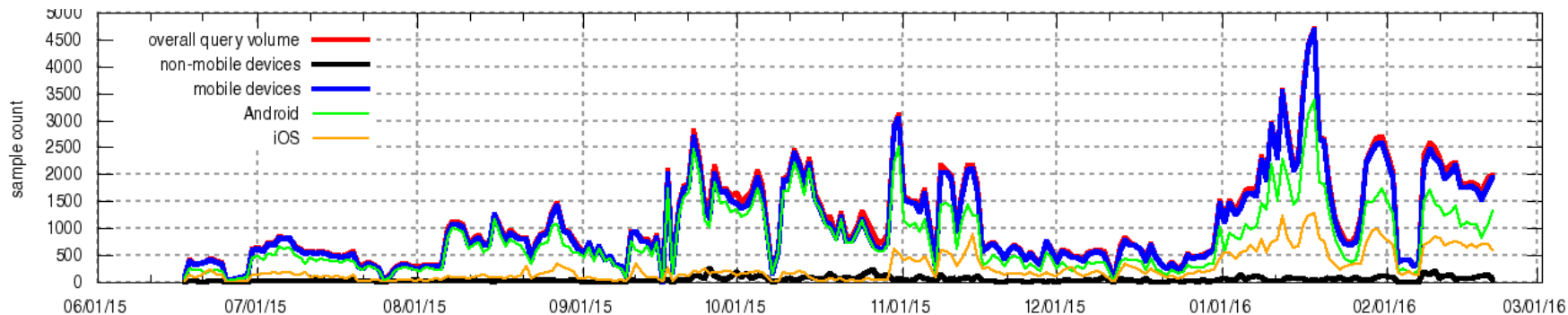
TMNet Malaysia

4788 TMNET-AS-AP TM Net Internet Service Provider MY IPv6 capability ()



- No technology bias: whatever IPv6 mechanism is being used, is neutral to device class and OS.

SK Telecom Korea



- Strong bias against iOS, in favour of mobile devices
- Provider is using 464XLAT. iOS doesn't play (so runs on v4 only APN)



What is this telling us?

- Transition technologies like 4G/LTE work, and we can see deployment at scale.
 - They don't favour iOS devices, so your local market conditions for cellular handsets may dictate your outcomes
 - Cellular is a good space to explore IPv6 deployment, because of the nature of the intermediate technology, and its management
 - The systems have IPv6 feature sets. You can safely turn it on, if you understand how its going to work in your customer space.
- Technology neutral deployments in home networks are working at scale in the region
 - If your CPE and CAN switching/routing can handle it





Per-Country Data

- Follows a set of 3 slides per economy, providing
 - a chart of the IPv6 capability
 - The top-ten ASN by IPv6 capability
 - The top-ten ASN by sample count
 - *(where less than ten ASN seen then less are shown)*



Seriously.. 150 slides..

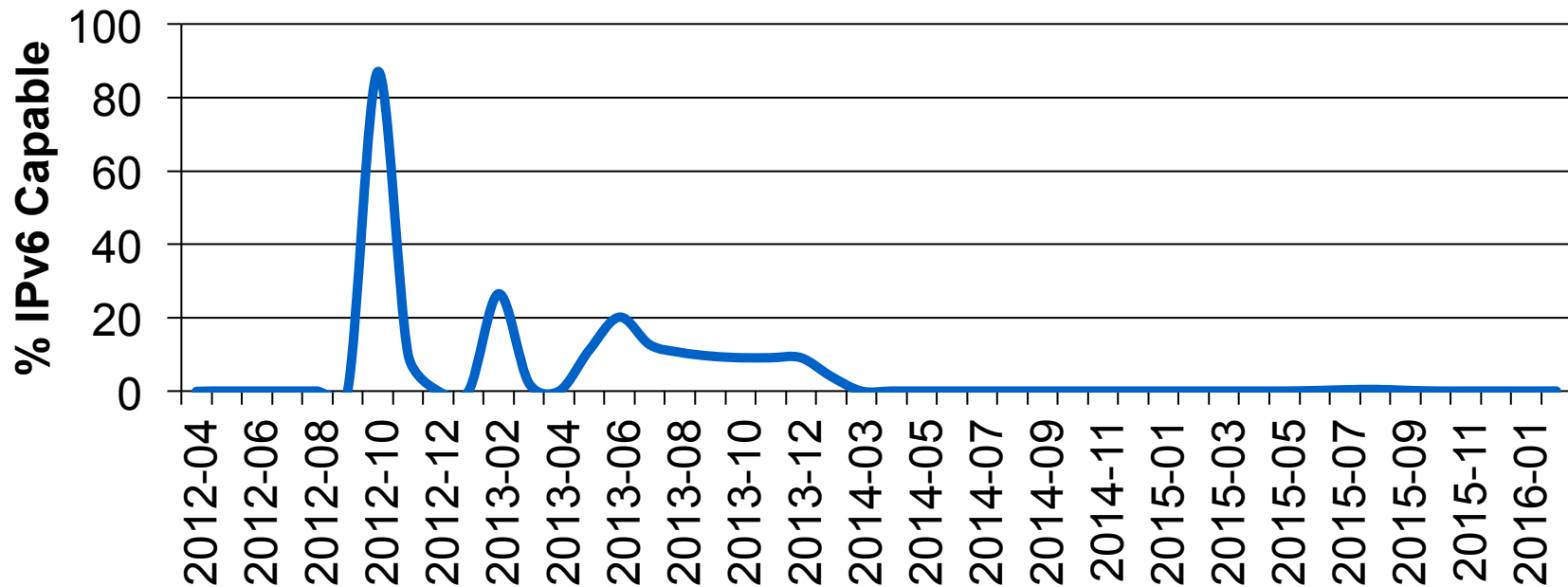
- There are about 56 economies in the ap-ipv6 taskforce
- Not all economies have been seen in our data exercise
- ...but most have. So there are a LOT of slides.



Ok. Here they all are.



IPv6 Capability:AS



AS: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9751	ASN-SAMOATELCO-AP # AS-SAMOATELCO-AP CONVERTED TO ASN-SAMOAT	0.00%	0.00%	24051
AS23657	BLUESKY-AS-AP Blue Sky Communications	0.00%	0.00%	17268

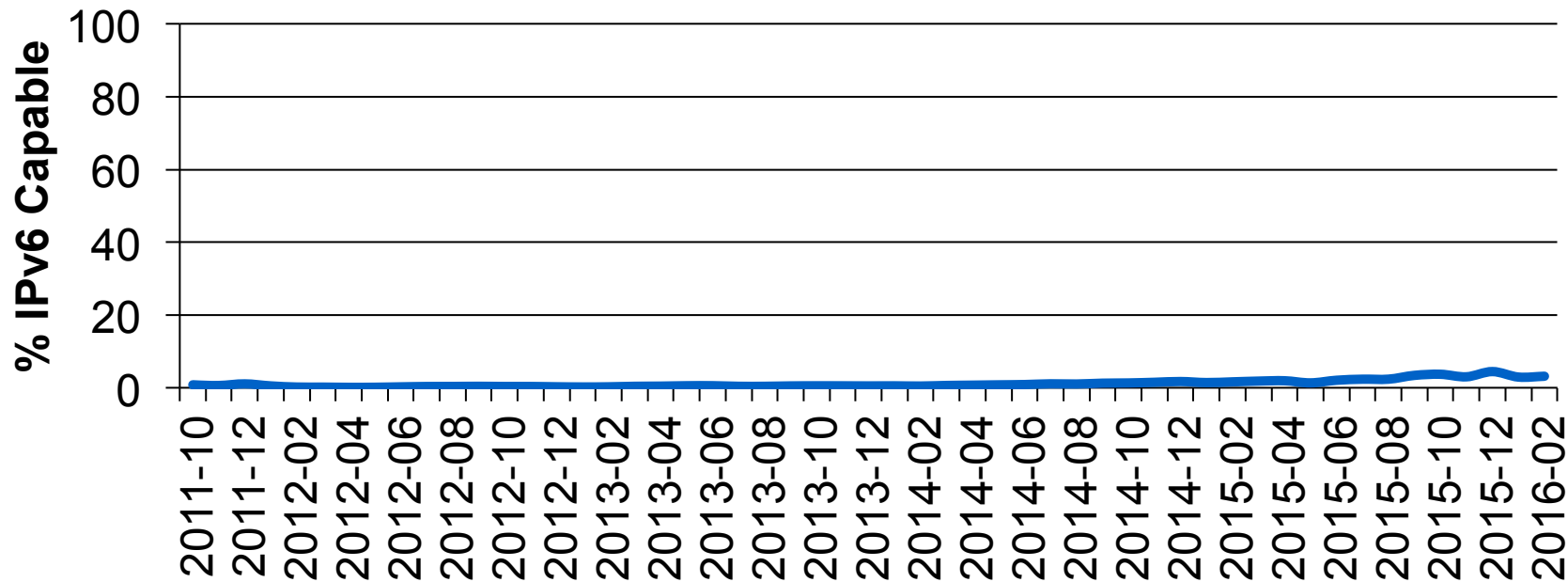


AS: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9751	ASN-SAMOATELCO-AP # AS-SAMOATELCO-AP CONVERTED TO ASN-SAMOAT	0.00%	0.00%	24051
AS23657	BLUESKY-AS-AP Blue Sky Communications	0.00%	0.00%	17268



IPv6 Capability:AU



AU: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS4608	APNIC-SERVICES Asia Pacific Network Information Centre	93.95%	87.90%	463
AS56132	MONASHUNI-AU-AS-AP Monash University	81.80%	80.68%	2132
AS7575	AARNET-AS-AP Australian Academic and Research Network (AARN	53.11%	52.83%	10462
AS45920	SKYMESH-AS-AP SkyMesh Pty Ltd	33.60%	31.47%	375
AS133414	FOXTEL-AS-AP Foxtel Management Pty Ltd	28.46%	25.75%	7032
AS7477	TEREDONN-AS-AP SkyMesh Pty Ltd	22.46%	20.42%	1523
AS1221	ASN-TELSTRA Telstra Pty Ltd	6.93%	5.56%	717017
AS55354	ACEINT-AS-AP Ace Internet Services Pty Ltd	5.49%	3.66%	164
AS9268	OVERTHEWIRE-AS-AP Over The Wire Pty Ltd	4.71%	3.53%	170
AS23352	SERVERCENTRAL - Server Central Network	4.48%	4.21%	3798

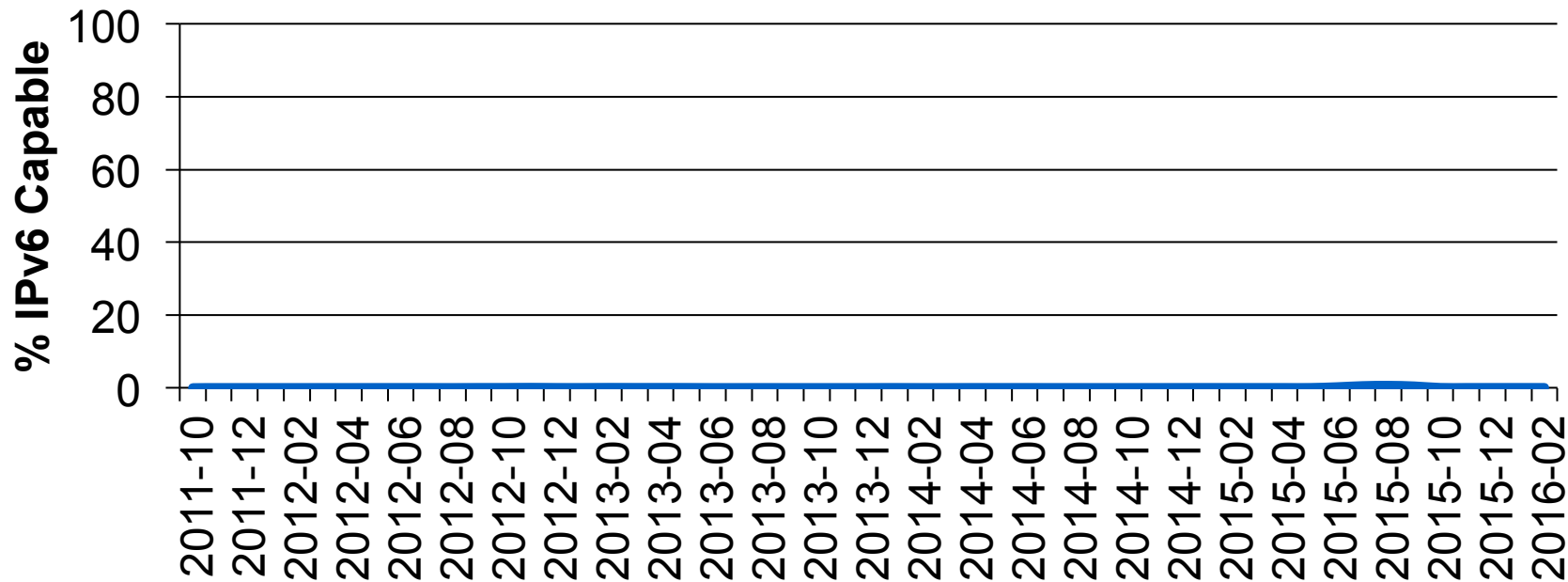


AU: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS1221	ASN-TELSTRA Telstra Pty Ltd	6.93%	5.56%	717017
AS7545	TPG-INTERNET-AP TPG Telecom Limited	0.01%	0.01%	318114
AS4804	MPX-AS Microplex PTY LTD	0.01%	0.00%	288253
AS4739	INTERNODE-AS Internode Pty Ltd	3.28%	2.92%	207326
AS38285	M2TELECOMMUNICATIONS-AU M2 Telecommunications Group Ltd	0.01%	0.00%	84246
AS133612	VODAFONE-AS-AP Vodafone Australia Pty Ltd	0.01%	0.00%	79916
AS16509	AMAZON-02 - Amazon.com, Inc.	0.01%	0.01%	44042
AS9443	INTERNETPRIMUS-AS-AP Primus Telecommunications	0.10%	0.06%	28006
AS10146	FORD-MOTOR-CO-SG-AP Ford Motor Company	0.00%	0.00%	20064
AS9297	COLOCITY-AS-AP Colocity Pty Ltd	0.00%	0.00%	18713



IPv6 Capability:BD



BD: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS47447	TTM 23Media GmbH	14.21%	0.55%	183
AS58587	FIBERATHOME-BD FiberHome Limited	1.88%	1.71%	4091
AS38712	TELNET-AS-BD-AP Telnet Communication Limited	1.19%	1.19%	3851
AS38555	LINKIT Internet Service Provider	0.38%	0.00%	265
AS58682	LEVEL3-BD Level3 Carrier Ltd.	0.12%	0.12%	846
AS9441	NEXT-BD Next Online Limited	0.12%	0.00%	64908
AS45904	BANGLALION-WIMAX-BD Banglalion Communications Ltd	0.07%	0.00%	32968
AS38493	ROYALGREENINCB-D-TRANSIT-AS-AP Royal Green Online Ltd. Intern	0.05%	0.00%	1832
AS17494	BTTB-AS-AP Telecom Operator Internet Service Provider as wel	0.03%	0.00%	15123
AS134813	CYBERCOMM-BD Cyber Communication Bangladesh	0.02%	0.01%	8372

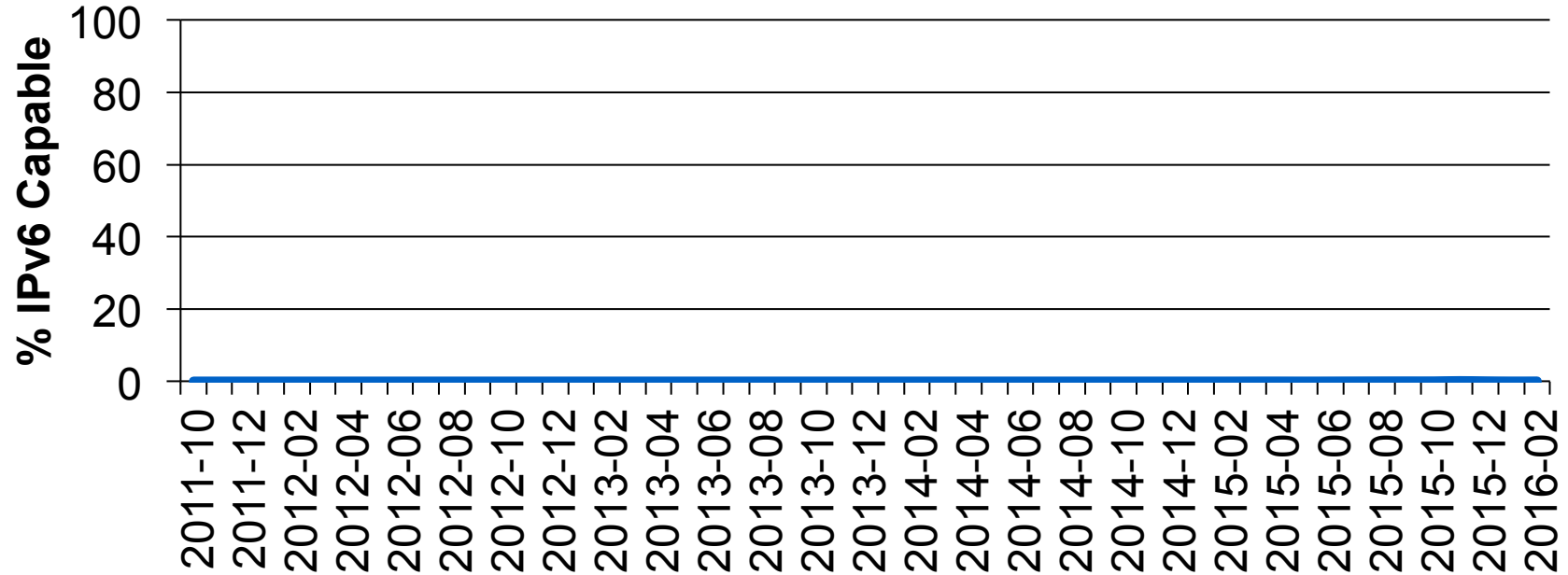


BD: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS59382	APL-BD Antaranga Properties Ltd	0.00%	0.00%	164269
AS24389	GRAMEENPHONE-AS-AP GrameenPhone Ltd.	0.00%	0.00%	148568
AS23688	LINK3-TECH-AS-BD-AP Link3 Technologies Ltd.	0.00%	0.00%	82517
AS45951	AUGERE-AS-AP Augere Wireless Broadband Bangladesh Limited	0.01%	0.00%	71232
AS9441	NEXT-BD Next Online Limited	0.12%	0.00%	64908
AS59203	ANGEL-AS-AP Angel Drops Ltd.	0.00%	0.00%	46286
AS24323	AAMRA-NETWORKS-AS-AP aamra networks limited	0.01%	0.00%	42400
AS45245	BANGLALINK-AS banglalink an Orascom Telecom Company, providi	0.01%	0.00%	39376
AS45925	TELETALK-BD ASN For Teletalk Bangladesh Ltd.	0.01%	0.00%	34205
AS58691	DELTA-IIG-BD Delta Infocom Limited.	0.00%	0.00%	33012



IPv6 Capability:BN



BN: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS133788	PCSB-AS-AP Progresif Cellular Sdn Bhd	0.03%	0.00%	73868
AS10094	BRUNET-ASN BruNet - Telekom Brunei Berhad	0.02%	0.00%	699897
AS10101	SIMPUR-BN Simpur ISP	0.00%	0.00%	242771
AS131467	EGNC-AS EGNC (E-Government National Centre)	0.00%	0.00%	13980
AS47447	TTM 23Media GmbH	0.00%	0.00%	151

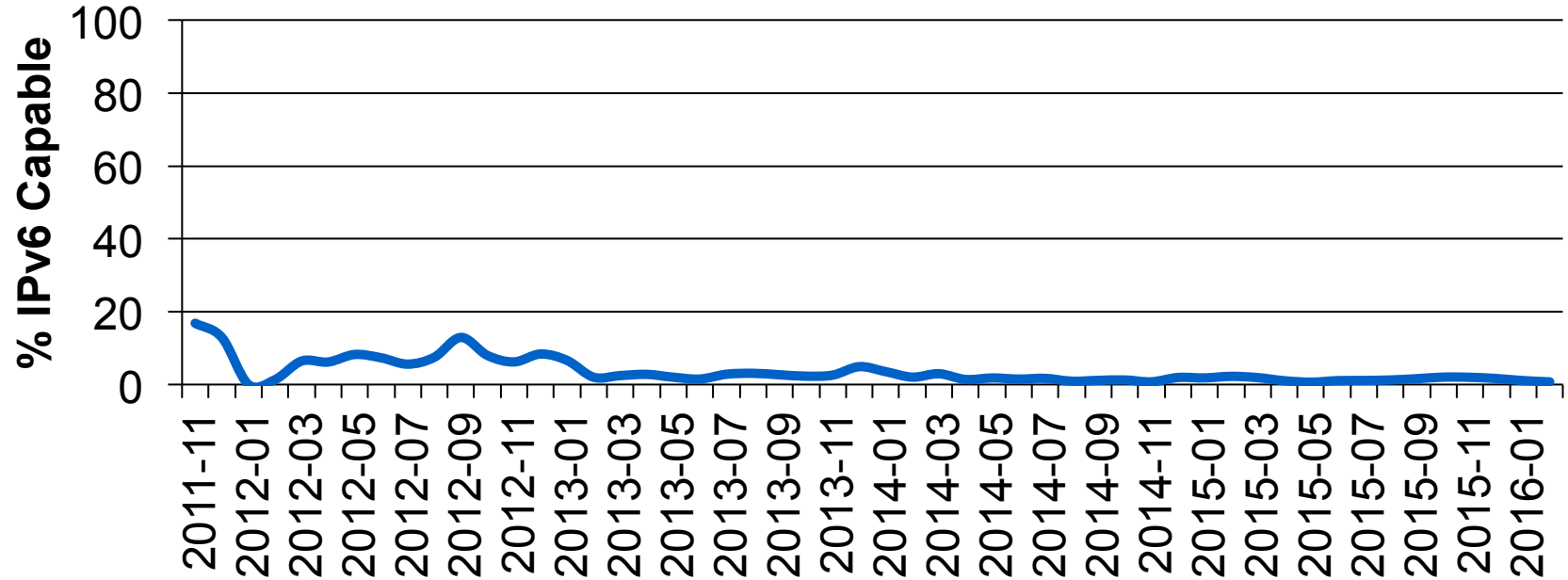


BN: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS10094	BRUNET-ASN BruNet - Telekom Brunei Berhad	0.02%	0.00%	699897
AS10101	SIMPUR-BN Simpura ISP	0.00%	0.00%	242771
AS133788	PCSB-AS-AP Progresif Cellular Sdn Bhd	0.03%	0.00%	73868
AS131467	EGNC-AS EGNC (E-Government National Centre)	0.00%	0.00%	13980
AS47447	TTM 23Media GmbH	0.00%	0.00%	151



IPv6 Capability:BT



BT: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS38740	TASHICELL-AS TASHI INFOCOMM LIMITED, THIMPHU, BHUTAN	2.73%	2.72%	16021
AS17660	DRUKNET-AS DrukNet ISP	0.61%	0.58%	62342

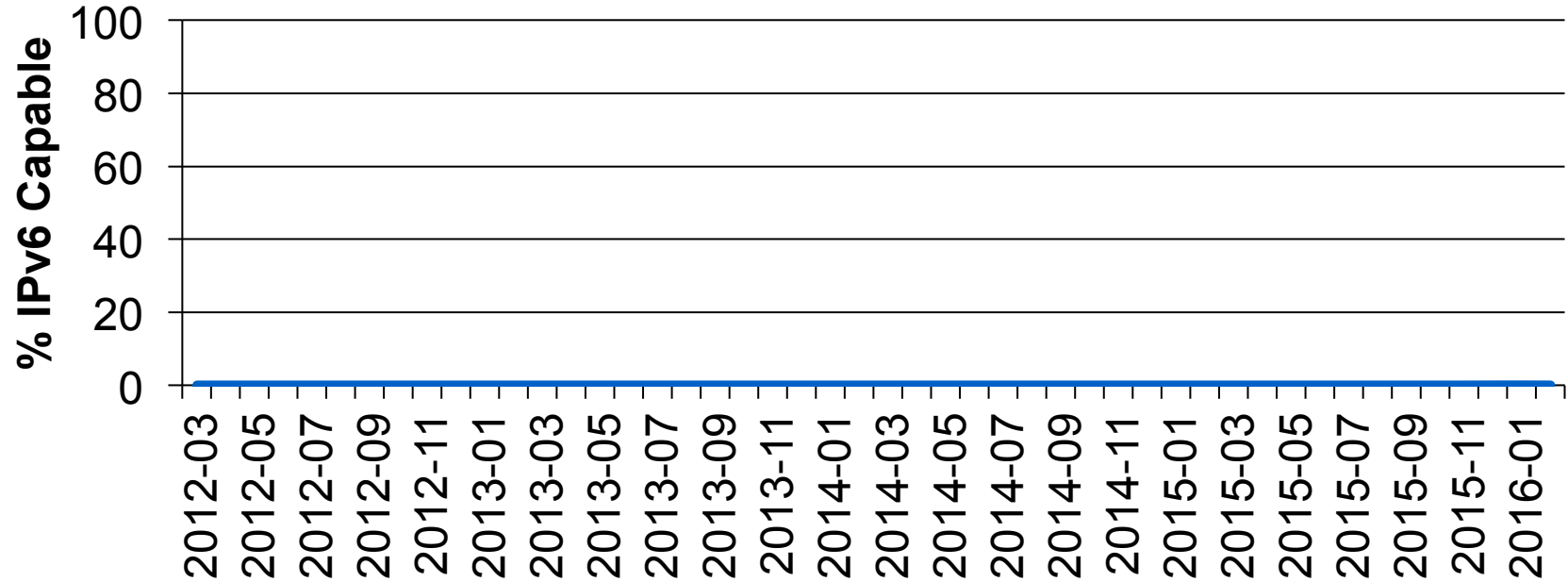


BT: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS17660	DRUKNET-AS DrukNet ISP	0.61%	0.58%	62342
AS38740	TASHICELL-AS TASHI INFOCOMM LIMITED, THIMPHU, BHUTAN	2.73%	2.72%	16021



IPv6 Capability:CK



CK: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS10131	CKTELECOM-CK-AP Telecom Cook Islands	0.00%	0.00%	7118

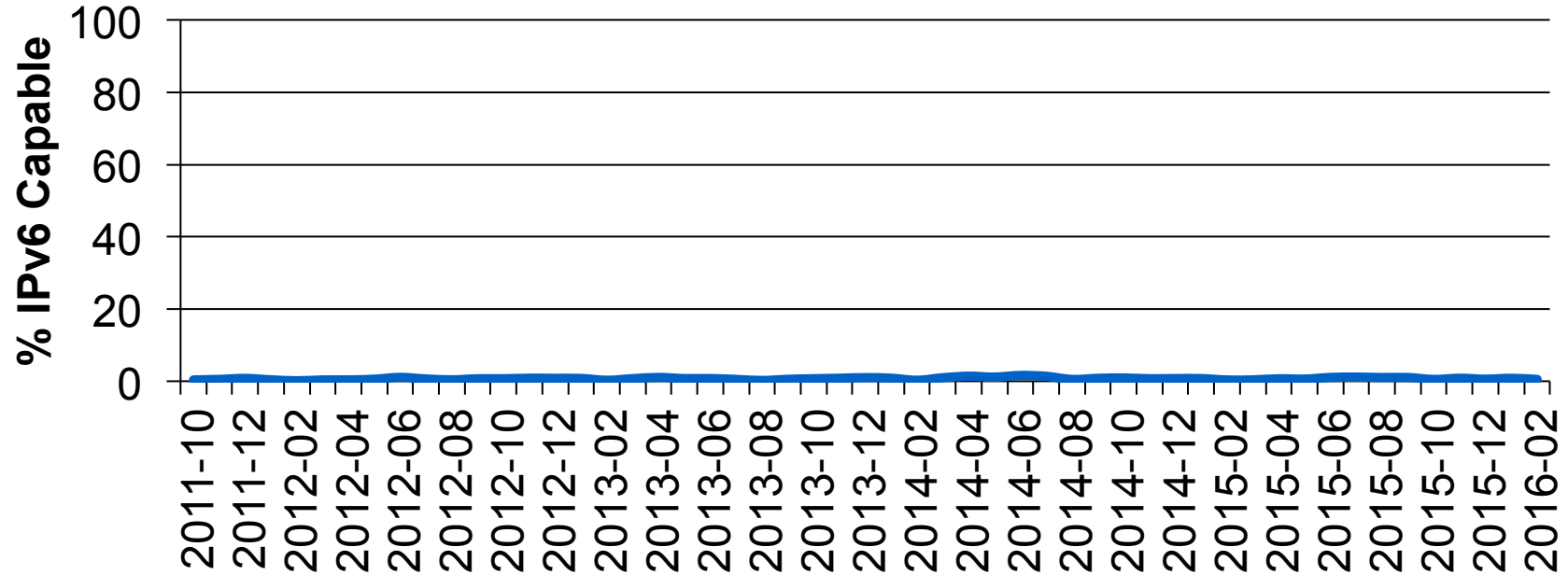


CK: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS10131	CKTELECOM-CK-AP Telecom Cook Islands	0.00%	0.00%	7118



IPv6 Capability:CN



CN: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS23910	CNGI-CERNET2-AS-AP China Next Generation Internet CERNET2	98.91%	90.76%	184
AS109	CISCO SYSTEMS - Cisco Systems, Inc.	78.90%	75.53%	564
AS7497	CSTNET-AS-AP Computer Network Information Center	55.70%	51.64%	9885
AS4538	ERX-CERNET-BKB China Education and Research Network Center	46.19%	42.22%	69399
AS56040	CMNET-GUANGDONG-AP China Mobile communications corporation	10.28%	8.65%	33166
AS4809	CHINATELECOM-CORE-WAN-CN2 China Telecom Next Generation Carr	5.99%	5.28%	14363
AS133107	FNETLINK FNETLINK CO .,LIMITED	4.98%	4.98%	261
AS38019	CMNET-V4TIANJIN-AS-AP tianjin Mobile Communication Company L	4.57%	2.86%	12706
AS4847	CNIX-AP China Networks Inter-Exchange	4.28%	3.94%	99632
AS58844	OFIDC Guangdong Aofei Data Technology Co., Ltd.	3.06%	0.48%	621

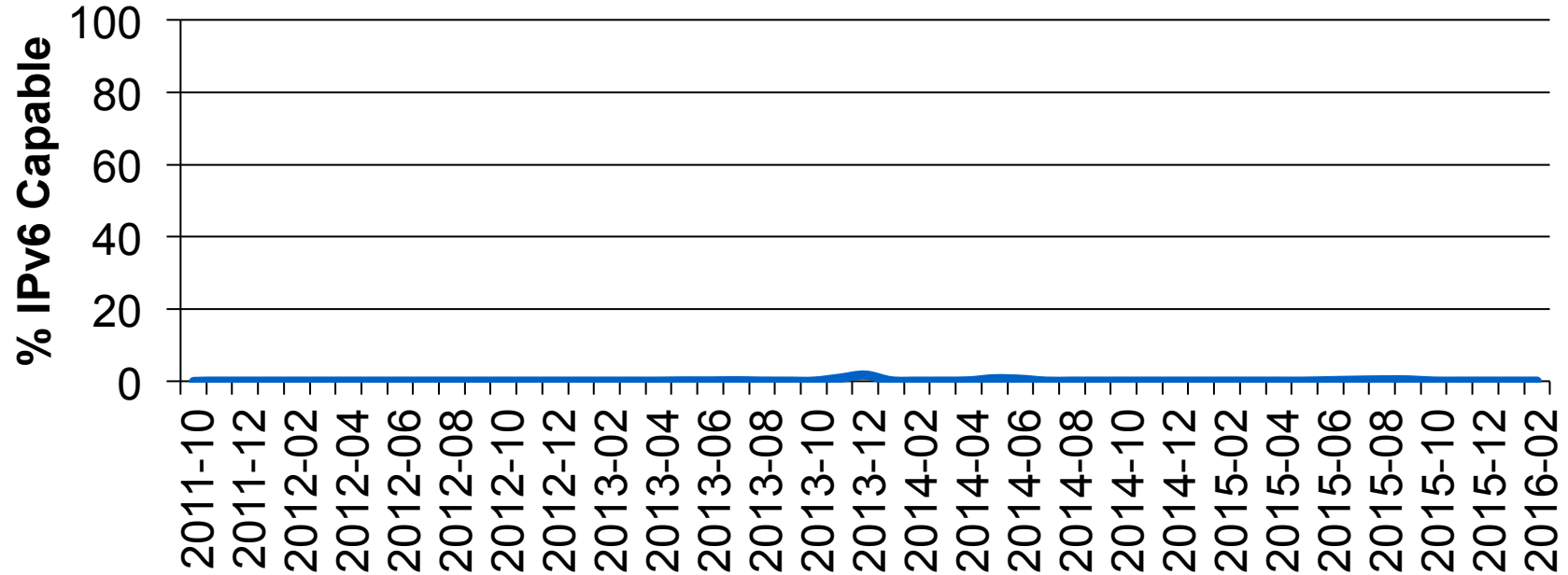


CN: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS4134	CHINANET-BACKBONE No.31,Jin-rong Street	0.45%	0.32%	9921602
AS4837	CHINA169-BACKBONE CNCGROUP China169 Backbone	0.18%	0.16%	7310962
AS9808	CMNET-GD Guangdong Mobile Communication Co.Ltd.	0.07%	0.04%	1288010
AS4812	CHINANET-SH-AP China Telecom (Group)	0.16%	0.12%	1007209
AS4808	CHINA169-BJ CNCGROUP IP network China169 Beijing Province Ne	1.02%	0.94%	659206
AS56041	CMNET-ZHEJIANG-AP China Mobile communications corporation	0.00%	0.00%	487642
AS23724	CHINANET-IDC-BJ-AP IDC, China Telecommunications Corporation	0.14%	0.00%	394688
AS56046	CMNET-JIANGSU-AP China Mobile communications corporation	0.06%	0.02%	266534
AS17816	CHINA169-GZ China Unicom IP network China169 Guangdong provi	0.50%	0.45%	238085
AS9394	CTTNET China TieTong Telecommunications Corporation	0.01%	0.01%	227210



IPv6 Capability:FJ



FJ: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45349	TFL-AS-AP Telecom Fiji Ltd	0.00%	0.00%	2755
AS24390	USP-AS-AP University of the South Pacific	0.00%	0.00%	1176
AS38442	VODAFONEFIJI-AS-FJ Vodafone Fiji Limited	0.00%	0.00%	77449
AS45355	DIGICELPACIFIC-1-AP Clarendon House	0.00%	0.00%	44638
AS9241	FINTEL-FJ Fiji International Telecommunications Ltd	0.00%	0.00%	4012
AS4638	IS-FJ-AS Telecom Fiji Limited	0.00%	0.00%	47544

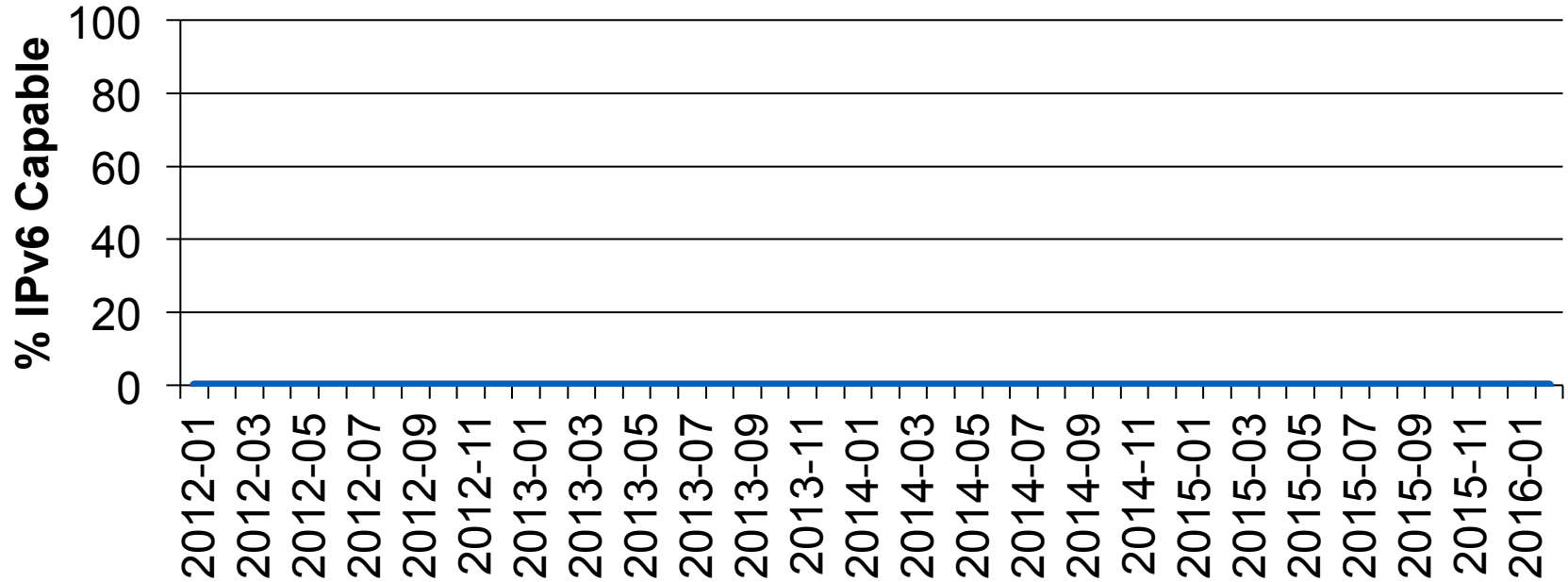


FJ: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS38442	VODAFONEFIJI-AS-FJ Vodafone Fiji Limited	0.00%	0.00%	77449
AS4638	IS-FJ-AS Telecom Fiji Limited	0.00%	0.00%	47544
AS45355	DIGICELPACIFIC-1-AP Clarendon House	0.00%	0.00%	44638
AS9241	FINTEL-FJ Fiji International Telecommunications Ltd	0.00%	0.00%	4012
AS45349	TFL-AS-AP Telecom Fiji Ltd	0.00%	0.00%	2755
AS24390	USP-AS-AP University of the South Pacific	0.00%	0.00%	1176



IPv6 Capability:FM



FM: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS10130	AS10130 FSM Telecommunications Corporation	0.01%	0.00%	15504
AS45193	AS45193 FSM Telecommunications Corporation	0.00%	0.00%	3390
AS38875	AS38875 FSM Telecommunications Corporation	0.00%	0.00%	1413

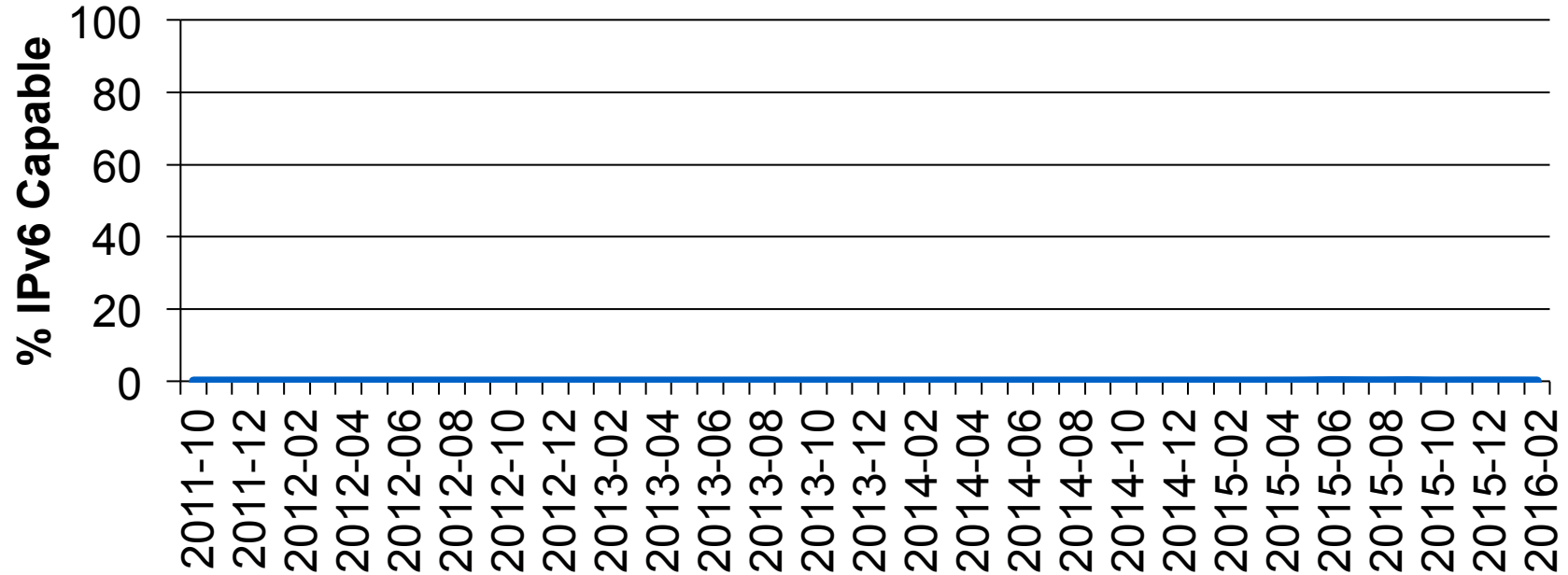


FM: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS10130	AS10130 FSM Telecommunications Corporation	0.01%	0.00%	15504
AS45193	AS45193 FSM Telecommunications Corporation	0.00%	0.00%	3390
AS38875	AS38875 FSM Telecommunications Corporation	0.00%	0.00%	1413



IPv6 Capability:GU



GU: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS7131	ERX-ITE-AS ITE Overseas	0.02%	0.00%	16683
AS9246	GTA-AP Teleguam Holdings, LLC	0.02%	0.00%	117111
AS3605	ERX-KUENTOS-AS Guam Cablevision, LLC.	0.02%	0.00%	157303
AS21996	GUAMCELL - GUAMCELL Communications	0.01%	0.00%	15293
AS56200	GCC-NETOPS-GU Guam Community College	0.00%	0.00%	432
AS17456	PDSGUAM-USTransport-AS-GU-AP Pacific Data Systems	0.00%	0.00%	1018
AS38456	PACTEL-AS-AP Pacific Teleports.	0.00%	0.00%	225
AS3356	LEVEL3 - Level 3 Communications, Inc.	0.00%	0.00%	3357

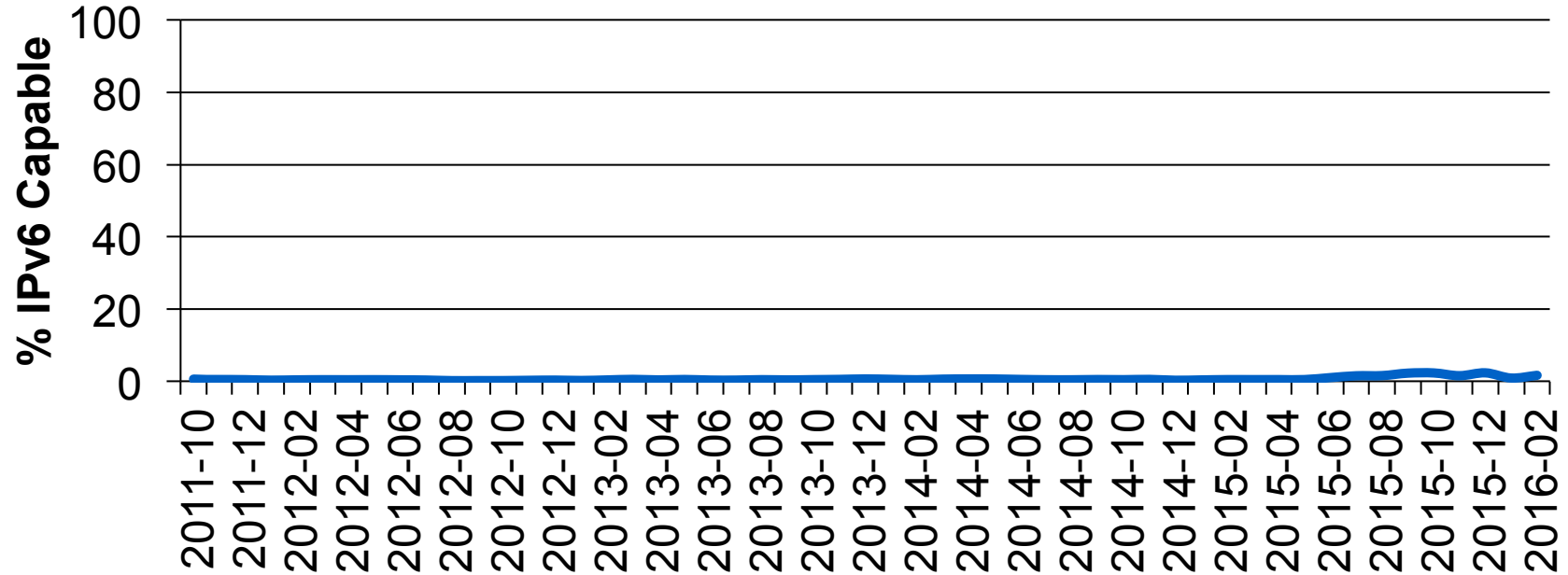


GU: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS3605	ERX-KUENTOS-AS Guam Cablevision, LLC.	0.02%	0.00%	157303
AS9246	GTA-AP Teleguam Holdings, LLC	0.02%	0.00%	117111
AS7131	ERX-ITE-AS ITE Overseas	0.02%	0.00%	16683
AS21996	GUAMCELL - GUAMCELL Communications	0.01%	0.00%	15293
AS3356	LEVEL3 - Level 3 Communications, Inc.	0.00%	0.00%	3357
AS17456	PDSGUAM-USTransport-AS-GU-AP Pacific Data Systems	0.00%	0.00%	1018
AS56200	GCC-NETOPS-GU Guam Community College	0.00%	0.00%	432
AS38456	PACTEL-AS-AP Pacific Teleports.	0.00%	0.00%	225



IPv6 Capability:HK



HK: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS55536	PSWITCH-HK PACSWITCH GLOBAL IP NETWORK	96.64%	0.00%	67349
AS4528	HKU-AS-HK The University of Hong Kong	74.85%	57.46%	2795
AS24236	YAHOO-BANGALORE-AS-AP Yahoo Bangalore Network Monitoring Cen	48.87%	30.45%	266
AS36236	VR-HOSTED - Host Virtual, Inc	11.03%	0.77%	390
AS58844	OFIDC Guangdong Aofei Data Technology Co., Ltd.	5.72%	0.89%	559
AS24334	CYBERPORT-HK-AP Cyberport Hong Kong	5.43%	5.11%	313
AS10103	HKBN-AS-AP HK Broadband Network Ltd.	3.30%	0.01%	6818
AS45187	RACKSPACE-AP Rackspace IT Hosting AS IT Hosting Provider Hon	1.81%	1.41%	2548
AS36351	SOFTLAYER - SoftLayer Technologies Inc.	1.03%	0.48%	28154
AS132597	SERVERWORKS-AS Hong Kong Serverworks Limited	0.80%	0.80%	376

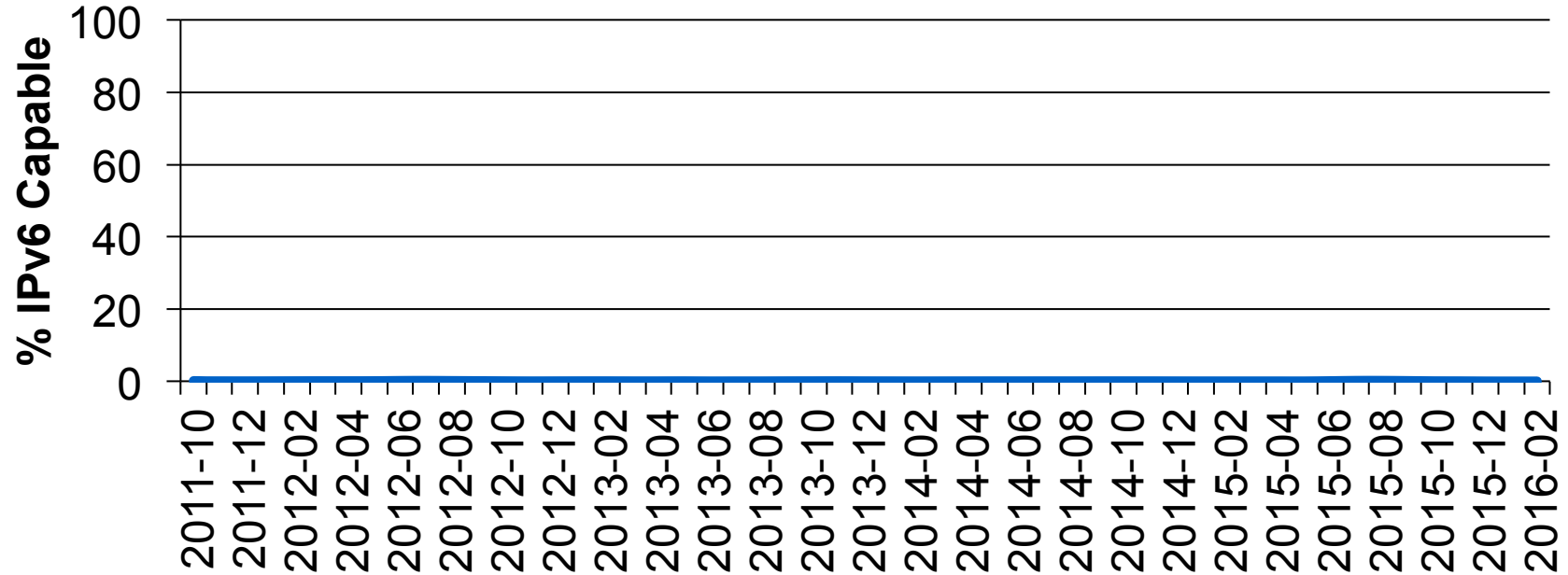


HK: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9269	HKBN-AS-AP Hong Kong Broadband Network Ltd.	0.19%	0.02%	2171672
AS4760	HKTIMS-AP PCCW Limited	0.05%	0.04%	2009476
AS9304	HUTCHISON-AS-AP Hutchison Global Communications	0.01%	0.00%	512983
AS9908	HKCABLE2-HK-AP HK Cable TV Ltd	0.00%	0.00%	254067
AS38819	HKCSL-AS-AP HKCSL GPRS NETWORK	0.01%	0.00%	90568
AS17924	SMARTONE-MB-AS-AP SmarTone Mobile Communications Ltd	0.00%	0.00%	77134
AS55536	PSWITCH-HK PACSWITCH GLOBAL IP NETWORK	96.64%	0.00%	67349
AS9231	IPEOPLESNET-AS-AP China Mobile Hong Kong Company Limited	0.00%	0.00%	58998
AS10118	HTCL-IAS-HK-AP Hutchison Telephone Company Limited	0.02%	0.00%	37120
AS36351	SOFTLAYER - SoftLayer Technologies Inc.	1.03%	0.48%	28154



IPv6 Capability:ID



ID: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45304	PETRA-AS-ID PetraNet, Surabaya, Indonesia	19.54%	19.54%	302
AS4796	BANDUNG-NET-AS-AP Institute of Technology Bandung	14.23%	0.09%	1103
AS45292	LIPI-AS-ID Lembaga Ilmu Pengetahuan Indonesia - LIPI	12.52%	12.36%	647
AS58477	ARGON-AS-ID Argon Data Communication	6.11%	5.24%	229
AS38143	BLUELINE-AS-ID PT. Rabik Bangun Pertiwi, PMA	2.52%	2.52%	159
AS17727	NAPINFO-AS-AP PT. NAP Info Lintas Nusa	1.80%	1.70%	1057
AS4787	ASN-CBN PT Cyberindo Aditama	1.19%	1.10%	18697
AS4800	LINTASARTA-AS-AP Network Access Provider and Internet Servic	1.11%	1.03%	14012
AS23949	COMNET-AS-ID PT Comtronics Systems	0.84%	0.45%	1555
AS46019	UNIBRAW-AS-ID Universitas Brawijaya	0.79%	0.79%	2025

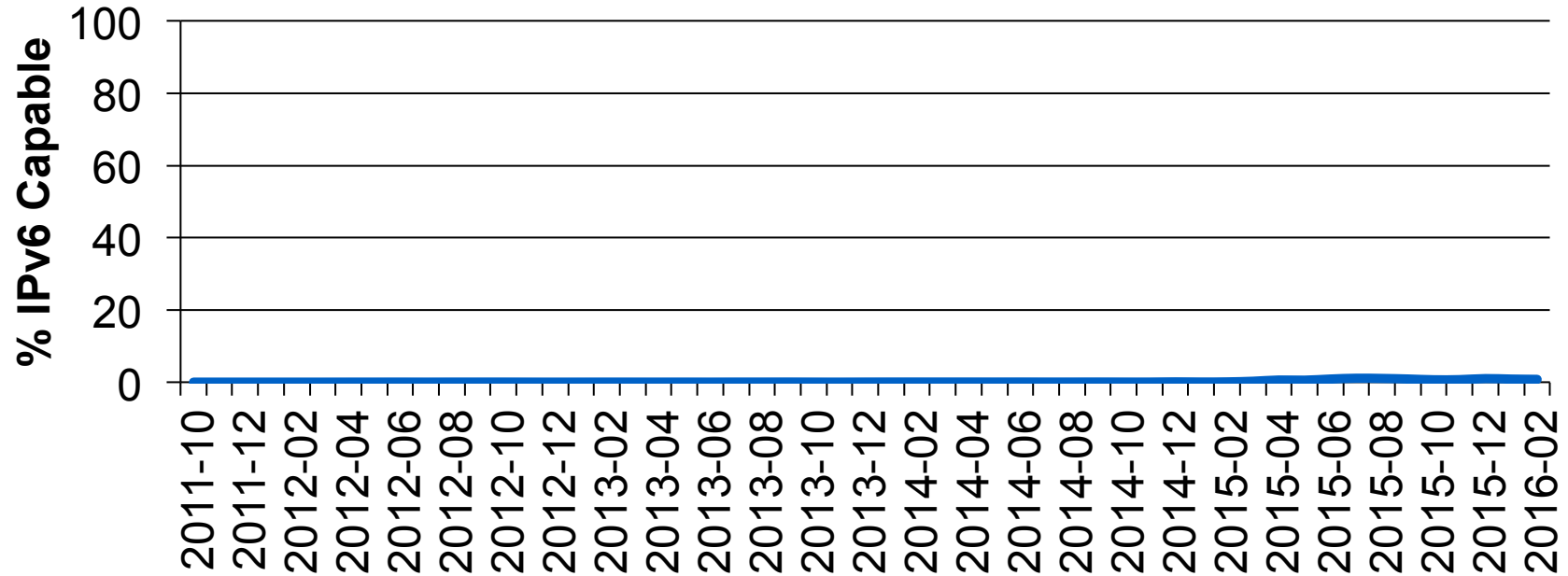


ID: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS17974	TELKOMNET-AS2-AP PT Telekomunikasi Indonesia	0.01%	0.00%	3276304
AS23693	TELKOMSEL-ASN-ID PT. Telekomunikasi Selular	0.00%	0.00%	908853
AS45727	THREE-AS-ID Hutchison CP Telecommunications, PT	0.00%	0.00%	868245
AS23700	FASTNET-AS-ID Linknet-Fastnet ASN	0.01%	0.00%	692730
AS24203	NAPXLNET-AS-ID PT Excelcomindo Pratama (Network Access Provi	0.00%	0.00%	394185
AS4761	INDOSAT-INP-AP INDOSAT Internet Network Provider	0.00%	0.00%	346531
AS18004	WIRELESSNET-ID PT WIRELESS INDONESIA (WIN)	0.00%	0.00%	138865
AS4832	INTERNUXNET-AS-ID PT. iNterNUX	0.02%	0.00%	111677
AS17451	BIZNET-AS-AP BIZNET NETWORKS	0.07%	0.05%	74690
AS17670	INFOKOM-AS MNC Playmedia	0.00%	0.00%	59349



IPv6 Capability:IN



IN: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS15169	GOOGLE - Google Inc.	98.26%	96.97%	2010
AS134854	RBEI-AS-IN Robert Bosch engineering and business solutions p	79.61%	0.00%	5065
AS55836	RELIANCE-INFOTEL-IN Reliance Jio INFOCOMM Ltd	44.96%	43.45%	10206
AS131222	MTS-INDIA-IN 334,Udyog Vihar	33.85%	32.32%	102752
AS132524	TIFR-AS Tata Institute of Fundamental Research	21.88%	21.48%	256
AS8071	MICROSOFT-CORP-MSN-AS-BLOCK - Microsoft Corporation	21.64%	8.38%	1599
AS3598	MICROSOFT-CORP-AS - Microsoft Corporation	19.22%	7.79%	385
AS6453	AS6453 - TATA COMMUNICATIONS (AMERICA) INC	7.35%	0.00%	449
AS38205	VIDEOCON-TELE-IN Plot 248	6.37%	5.29%	832
AS17624	QUALCOMM-BLR-AS-AP Qualcomm Inc. Bangalore AS, Developer of	5.76%	0.00%	1840

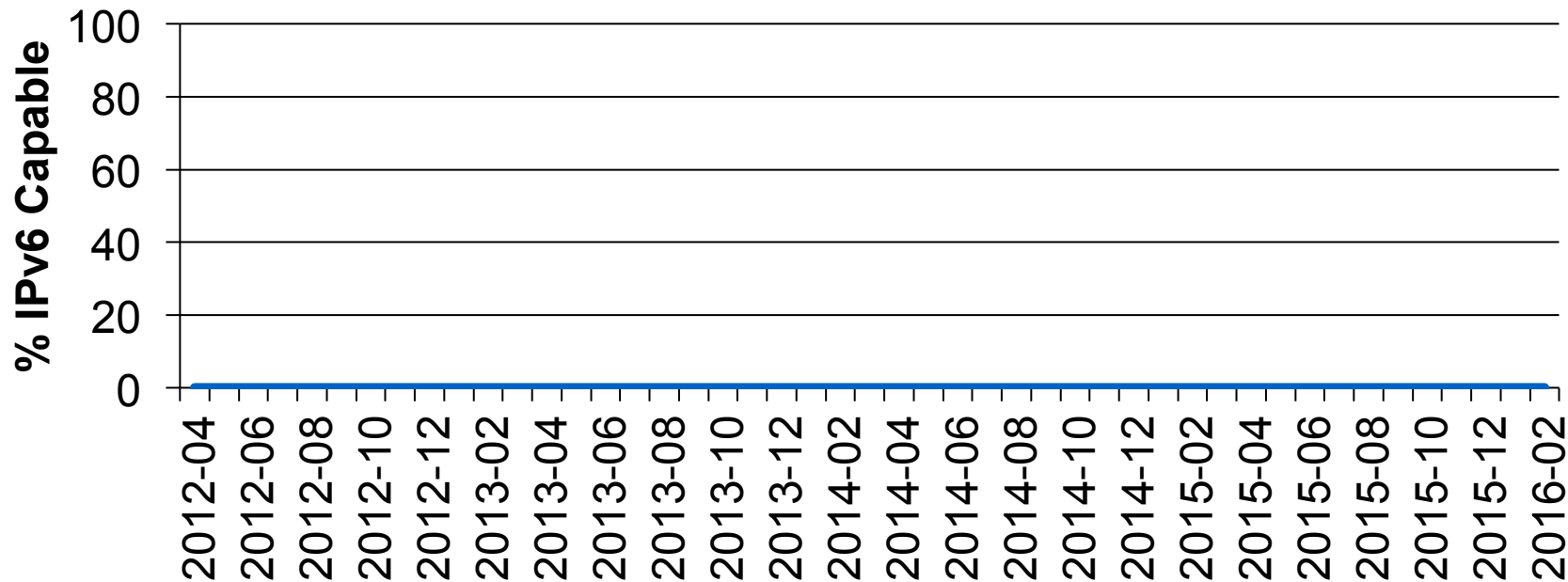


IN: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9829	BSNL-NIB National Internet Backbone	0.01%	0.00%	948713
AS24560	AIRTELROADBAND-AS-AP Bharti Airtel Ltd., Telemedia Services	0.01%	0.00%	545179
AS45609	BHARTI-MOBILITY-AS-AP Bharti Airtel Ltd. AS for GPRS Service	0.00%	0.00%	413563
AS38266	HUTCHVAS-AS Vodafone Essar Ltd., Telecommunication - Value A	0.00%	0.00%	227941
AS55577	BEAMTELE-AS-AP Beam Telecom Pvt Ltd	0.00%	0.00%	212097
AS24309	CABLELITE-AS-AP Atria Convergence Technologies Pvt. Ltd. Bro	0.00%	0.00%	163713
AS45271	ICLNET-AS-AP Idea Cellular Limited	0.35%	0.12%	146911
AS9498	BBIL-AP BHARTI Airtel Ltd.	0.11%	0.00%	140400
AS18209	BEAMTELE-AS-AP Beam Telecom Pvt Ltd	0.00%	0.00%	130008
AS17488	HATHWAY-NET-AP Hathway IP Over Cable Internet	0.00%	0.00%	119861



IPv6 Capability:IO



IO: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS17458	SURE-IO Sure (Diego Garcia) Limited	0.00%	0.00%	1674

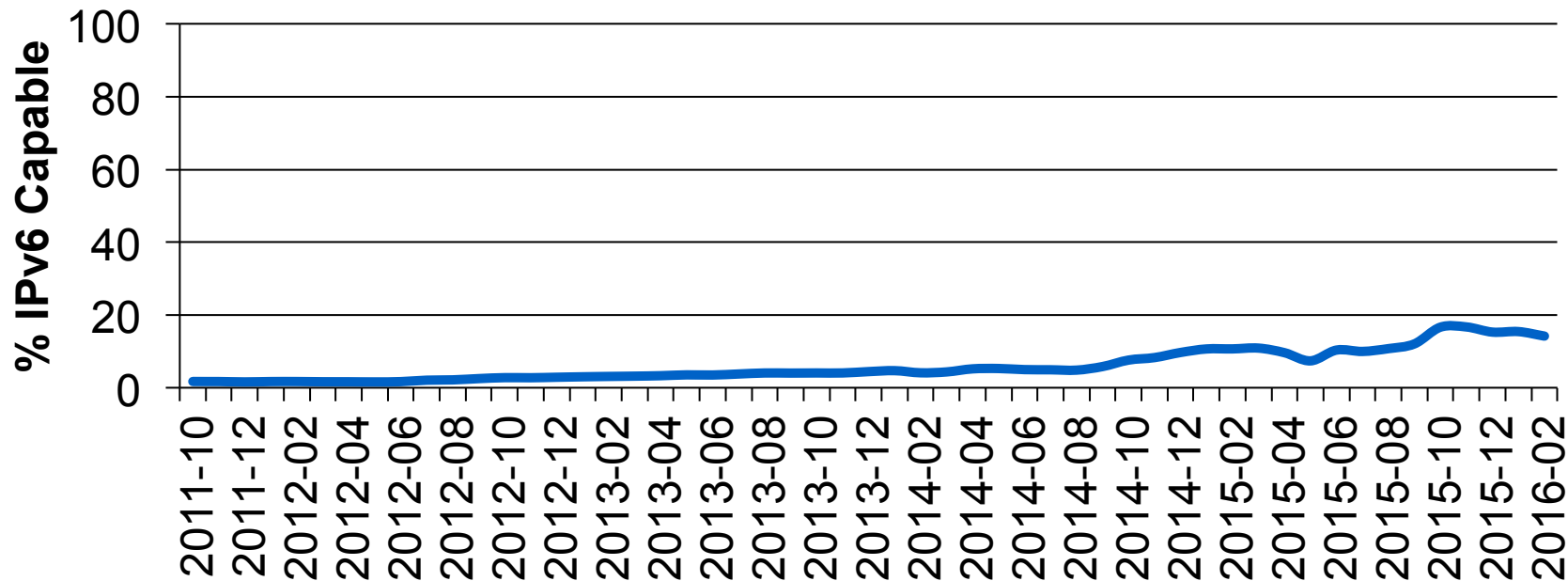


IO: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS17458	SURE-IO Sure (Diego Garcia) Limited	0.00%	0.00%	1674



IPv6 Capability:JP



JP: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9619	SSD Sony Global Solutions Inc.	100.00%	98.94%	568
AS17932	JAIST Japan Advanced Institute of Science and Technology	76.92%	73.44%	1811
AS7506	INTERQ GMO Internet,Inc	71.53%	62.49%	9788
AS18126	CTCX Chubu Telecommunications Company, Inc.	65.22%	44.38%	26794
AS38635	KEIO-NET Keio University	58.61%	50.33%	459
AS37918	ECL-INET Nippon Telegraph and Telephone Corporation	46.22%	0.00%	251
AS18144	AS-ENECOM Energia Communications,Inc.	46.00%	42.71%	7131
AS7522	STCN STNet, Incorporated	41.13%	35.82%	7445
AS2516	KDDI KDDI CORPORATION	39.31%	29.95%	557541
AS2527	SO-NET So-net Entertainment Corporation	29.89%	27.03%	100649

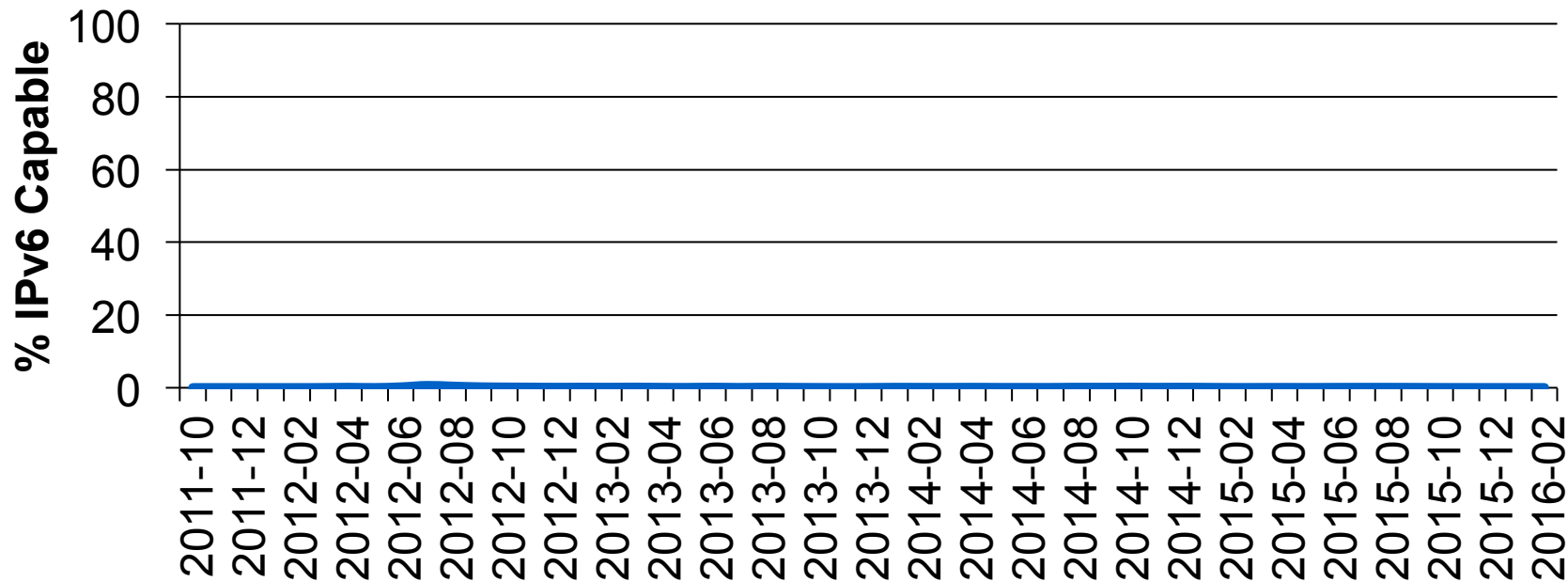


JP: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS4713	OCN NTT Communications Corporation	2.53%	1.81%	631696
AS17676	GIGAINFRA Softbank BB Corp.	22.78%	20.09%	612727
AS2516	KDDI KDDI CORPORATION	39.31%	29.95%	557541
AS9605	DOCOMO NTT DOCOMO, INC.	0.02%	0.01%	118703
AS2527	SO-NET So-net Entertainment Corporation	29.89%	27.03%	100649
AS16509	AMAZON-02 - Amazon.com, Inc.	0.01%	0.00%	88946
AS2518	BIGLOBE BIGLOBE Inc.	1.18%	0.96%	76794
AS9824	JTCL-JP-AS Jupiter Telecommunication Co. Ltd	0.06%	0.04%	70408
AS17511	K-OPTICOM K-Opticom Corporation	0.43%	0.25%	68701
AS10010	TOKAI TOKAI Communications Corporation	20.09%	14.71%	55744



IPv6 Capability: KH



KH: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS7712	SABAY Sabay Digital (Cambodia)	1.66%	1.61%	3670
AS45348	CHUANWEI-AS-KH Regency Square, Complex B	0.55%	0.48%	6926
AS131207	SINET-KH SINET, Cambodias specialist Internet and Telecom Se	0.03%	0.03%	59794
AS9902	NEOCOMISP-KH-AP NEOCOMISP LIMITED, IPTX Transit and Network	0.02%	0.02%	5012
AS133070	STMG-AS-AP Supreme Telecommunication Media Group(Cambodia)Co	0.02%	0.02%	5602
AS38623	VIETTELCAMBODIA-AS-AP ISPIXP IN CAMBODIA WITH THE BEST VERVI	0.01%	0.00%	997420
AS23673	ONLINE-AS Cogetel Online, Cambodia, ISP	0.01%	0.00%	165335
AS132088	MEGA-IT-AS #86, Street 214	0.01%	0.01%	11185
AS45429	DTV-STAR-KH-AS-AP network for triple service iptv, isp, voip	0.01%	0.00%	693857
AS17976	CAMGSM-AS-AP Royal TeleCam Ltd. O.B.O Telesurf ISP	0.01%	0.00%	131249

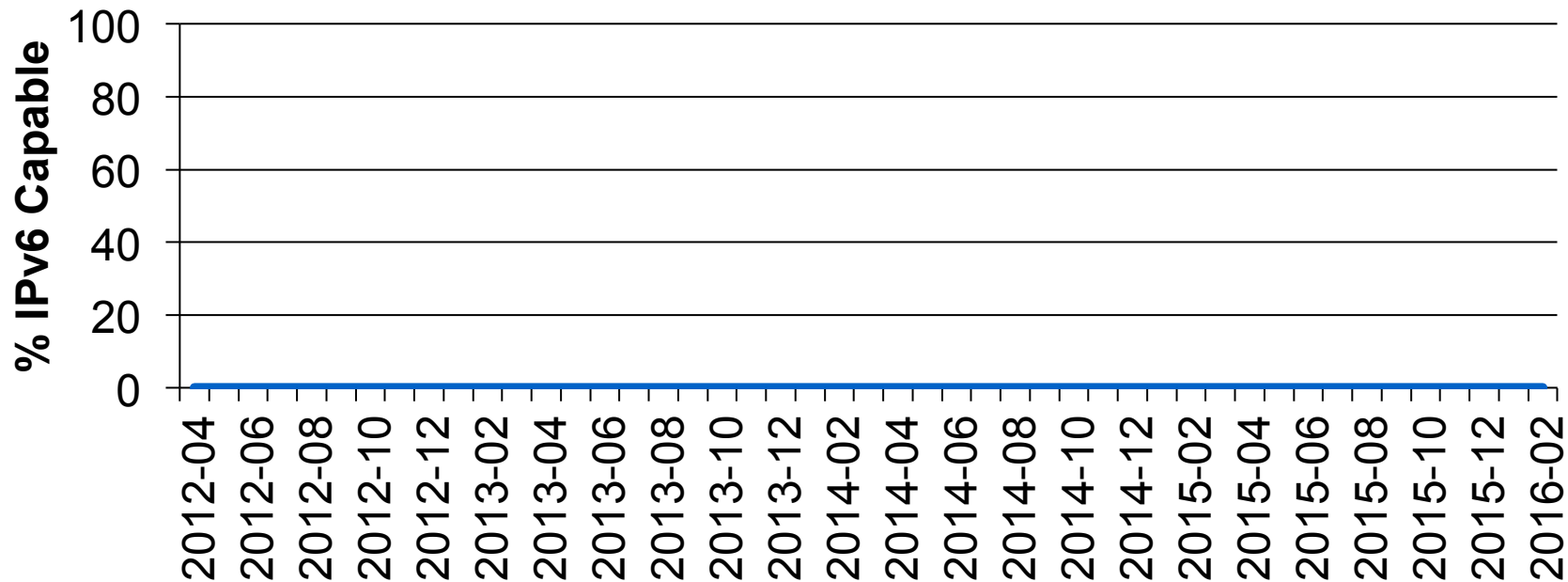


KH: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS38623	VIETTELCAMBODIA-AS-AP ISPIXP IN CAMBODIA WITH THE BEST VERVI	0.01%	0.00%	997420
AS45429	DTV-STAR-KH-AS-AP network for triple service iptv, isp, voip	0.01%	0.00%	693857
AS131178	KINGCORP-AS-IX Opennet Internet Exchange	0.00%	0.00%	604465
AS45498	SMART-AXIATA-KH Monivong Blvd	0.00%	0.00%	370319
AS38901	EZECOM-AS-AP EZECOM limited	0.00%	0.00%	213832
AS58424	XINWEITELECOM-KH #3BEo, Sangkat Beoun Prohit, Khan 7Makara,	0.00%	0.00%	166981
AS23673	ONLINE-AS Cogetel Online, Cambodia, ISP	0.01%	0.00%	165335
AS17976	CAMGSM-AS-AP Royal TeleCam Ltd. O.B.O Telesurf ISP	0.01%	0.00%	131249
AS17726	CAMNET-AS CAMNET is an ISP of Ministry of Posts	0.00%	0.00%	112644
AS24492	IIT-WICAM-AS-AP WiCAM Corporation, LTD	0.00%	0.00%	63484



IPv6 Capability: KP



KP: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS131279	STAR-KP Ryugyong-dong	0.00%	0.00%	1587

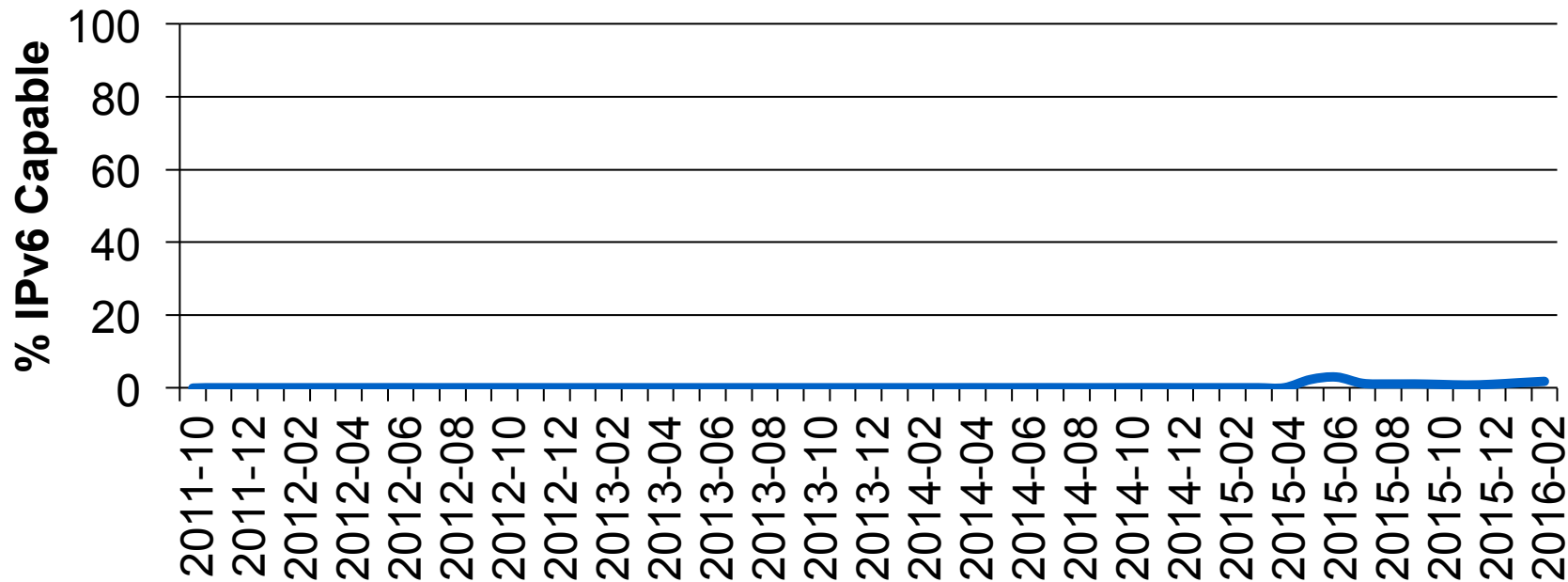


KP: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS131279	STAR-KP Ryugyong-dong	0.00%	0.00%	1587



IPv6 Capability:KR



KR: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS55536	PSWITCH-HK PACSWITCH GLOBAL IP NETWORK	98.80%	0.01%	7583
AS9644	SKTELECOM-NET-AS SK Telecom	23.66%	23.47%	114849
AS1237	KREONET-AS-KR Korea Institute of Science and Technology Info	3.73%	3.64%	1125
AS45365	URINET-AS-KR Korea Cable TV Jeonboog Broadcast	1.54%	1.54%	779
AS4663	ELIMNET-AS ELIMNET, INC	0.69%	0.00%	289
AS18305	POSNET POSDATA Co.,Ltd	0.44%	0.00%	227
AS18297	KJISTNET-AS-KR K-JIST	0.39%	0.00%	513
AS17866	KISTNET-AS-KR Korea Institute of Science and Technology	0.32%	0.00%	312
AS23576	NHN-AS-KR NHN	0.31%	0.27%	2244
AS18298	CNUNET-AS-KR Chungnam National University	0.17%	0.17%	587

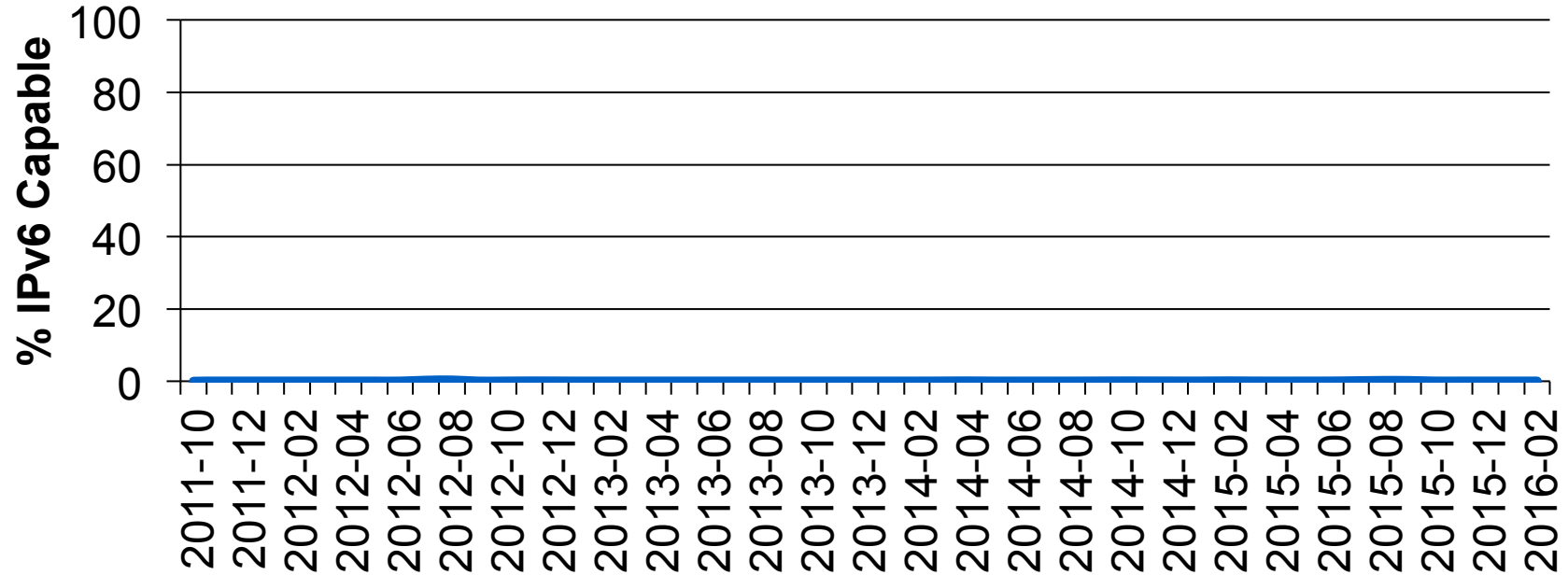


KR: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS4766	KIXS-AS-KR Korea Telecom	0.02%	0.00%	1147955
AS9318	HANARO-AS Hanaro Telecom Inc.	0.02%	0.01%	357278
AS17858	KRNIC-ASBLOCK-AP KRNIC	0.01%	0.00%	255188
AS3786	LGDACOM LG DACOM Corporation	0.01%	0.00%	118949
AS9644	SKTELECOM-NET-AS SK Telecom	23.66%	23.47%	114849
AS17853	LGTELECOM-AS-KR LG Telecom	0.00%	0.00%	70558
AS16509	AMAZON-02 - Amazon.com, Inc.	0.00%	0.00%	43708
AS10036	CNM-AS-KR CM Communication Co.,Ltd.	0.10%	0.10%	34424
AS17864	HANVITIAB-AS-KR Hanvit IB	0.00%	0.00%	13124
AS17839	DREAMPLUS-AS-KR DreamcityMedia	0.01%	0.00%	9416



IPv6 Capability: LA



LA: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS10226	ETL-IX-AS-AP Enterprise of Telecommunications Lao	0.01%	0.01%	78018
AS9873	TELECOM-LA-AS-AP Lao Telecom Communication, LTC	0.00%	0.00%	508045
AS131267	UNITEL-LA PO box T511 Phonexay road - Xaysettha district	0.00%	0.00%	245338
AS24337	SKYTELECOM-AS-AP Skytelecom , Transit provider and ISP in Vi	0.00%	0.00%	4959
AS55511	VLL-AS-AP Vimpelcom Lao Co Ltd	0.00%	0.00%	48240
AS23900	PLANET-ONLINE-AS-LA Planet Online Laos, Internet Service Pro	0.00%	0.00%	9909

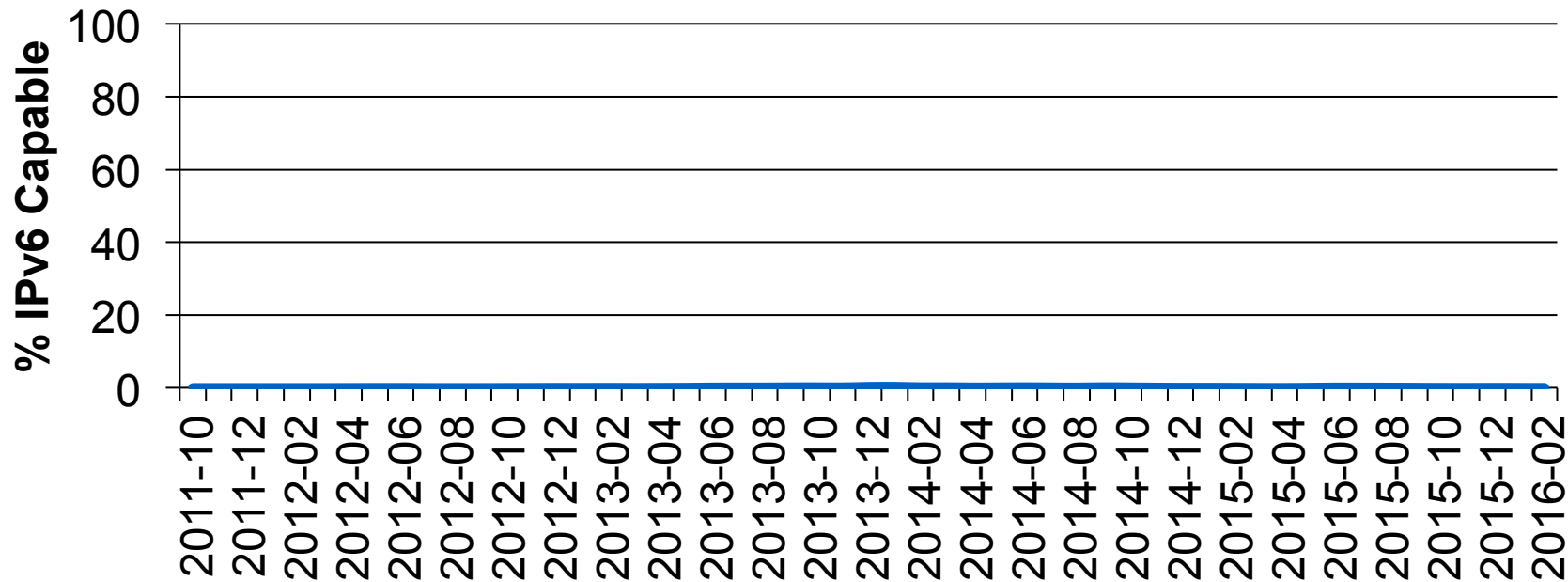


LA: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9873	TELECOM-LA-AS-AP Lao Telecom Communication, LTC	0.00%	0.00%	508045
AS131267	UNITEL-LA PO box T511 Phonexay road - Xaysettha district	0.00%	0.00%	245338
AS10226	ETL-IX-AS-AP Enterprise of Telecommunications Lao	0.01%	0.01%	78018
AS55511	VLL-AS-AP Vimpelcom Lao Co Ltd	0.00%	0.00%	48240
AS23900	PLANET-ONLINE-AS-LA Planet Online Laos, Internet Service Pro	0.00%	0.00%	9909
AS24337	SKYTELECOM-AS-AP Skytelecom , Transit provider and ISP in Vi	0.00%	0.00%	4959



IPv6 Capability:LK



LK: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS38229	LEARN-LK Lanka Education Research Network, NREN	2.30%	1.38%	40994
AS9329	SLTINT-AS-AP Sri Lanka Telecom Internet	0.02%	0.02%	1182510
AS45224	BELNET-AS-AP Lanka Bells AS	0.01%	0.01%	62673
AS45356	MOBITEL-LK IS Group, No108, W A D Ramanayake Mawatha	0.01%	0.00%	280074
AS132045	AIRTEL-AS-ISP Bharti Airtel Lanka Pvt. Limited	0.00%	0.00%	97593
AS5087	LANKA-COM Lanka Communication Services	0.00%	0.00%	26572
AS18001	DIALOG-AS Dialog Axiata PLC.	0.00%	0.00%	1113665
AS132447	HUTCHISON-LK 234, Galle Road, Colombo 4	0.00%	0.00%	66548
AS17470	ETISALATLK-AS Etisalat Lanka (Pvt) Ltd.	0.00%	0.00%	129699
AS56288	SCHOOLNET-LK SchoolNet Network Operation Center	0.00%	0.00%	1382

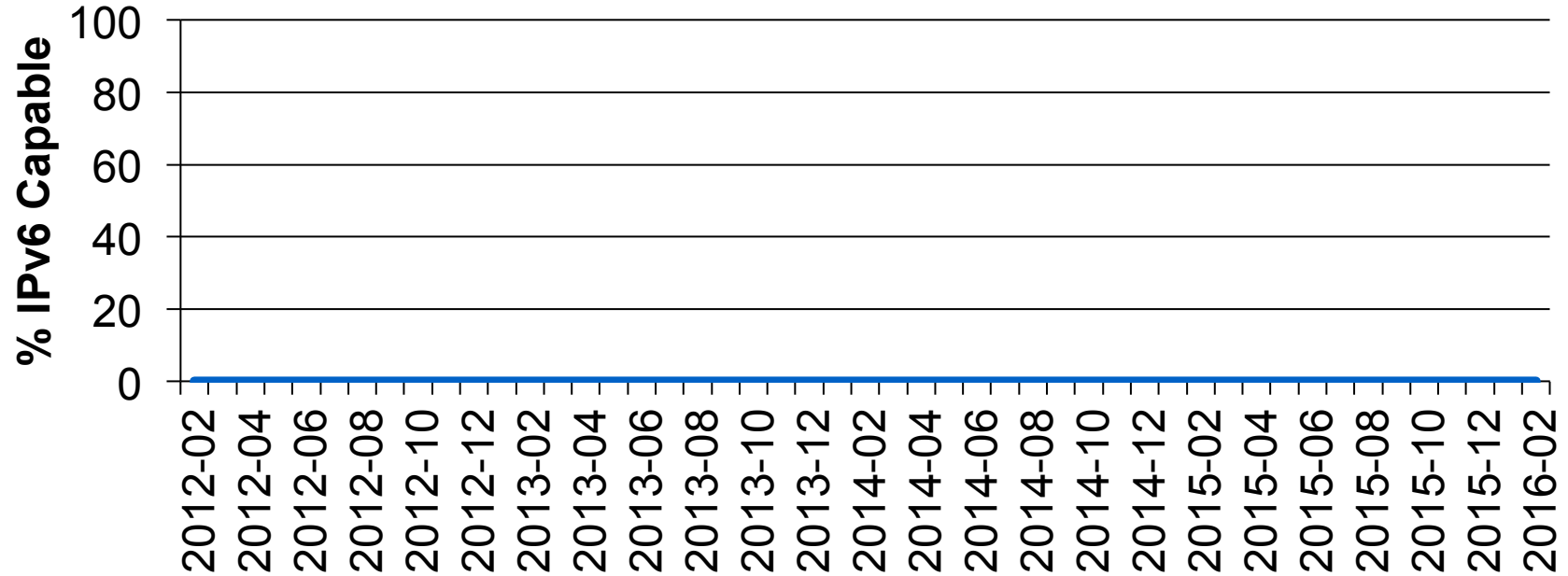


LK: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9329	SLTINT-AS-AP Sri Lanka Telecom Internet	0.02%	0.02%	1182510
AS18001	DIALOG-AS Dialog Axiata PLC.	0.00%	0.00%	1113665
AS45356	MOBITEL-LK IS Group, No108, W A D Ramanayake Mawatha	0.01%	0.00%	280074
AS17470	ETISALATLK-AS Etisalat Lanka (Pvt) Ltd.	0.00%	0.00%	129699
AS132045	AIRTEL-AS-ISP Bharti Airtel Lanka Pvt. Limited	0.00%	0.00%	97593
AS132447	HUTCHISON-LK 234, Galle Road, Colombo 4	0.00%	0.00%	66548
AS45224	BELLNET-AS-AP Lanka Bells AS	0.01%	0.01%	62673
AS38229	LEARN-LK Lanka Education Research Network, NREN	2.30%	1.38%	40994
AS5087	LANKA-COM Lanka Communication Services	0.00%	0.00%	26572
AS56288	SCHOOLNET-LK SchoolNet Network Operation Center	0.00%	0.00%	1382



IPv6 Capability:MH



MH: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS24439	NTAMAR-AS-AP MARSHALL ISLANDS NTA ISP AS	0.00%	0.00%	39115

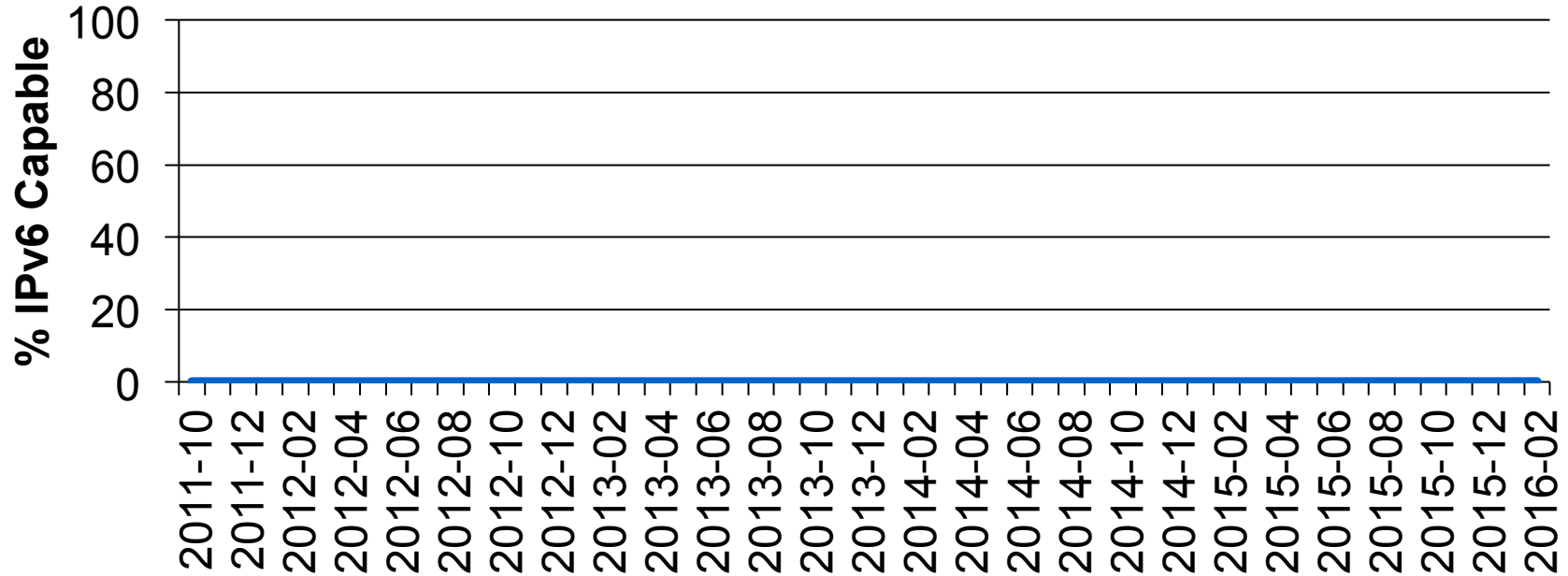


MH: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS24439	NTAMAR-AS-AP MARSHALL ISLANDS NTA ISP AS	0.00%	0.00%	39115



IPv6 Capability:MM



MM: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS131322	YTCL-AS-AP Yatanarpon Teleport Company Limited	0.02%	0.00%	107704
AS132167	OML-MM OOREDOO MYANMAR	0.02%	0.00%	84301
AS133385	TELENORMYANMAR-AS Telenor Myanmar	0.01%	0.00%	151477
AS133384	RCCL-AS-AP RedLink Communications Co., Ltd.	0.00%	0.00%	24617
AS9988	MPT-AP Myanma Posts and Telecommunications	0.00%	0.00%	229460
AS58952	FRONTIIRCOLTD-MM Frontiir Co. Ltd	0.00%	0.00%	968
AS133392	SKY-AS-AP Skynet MPS	0.00%	0.00%	8419
AS18399	YTCL-AS-AP Yatanarpon Teleport Company Limited	0.00%	0.00%	14972

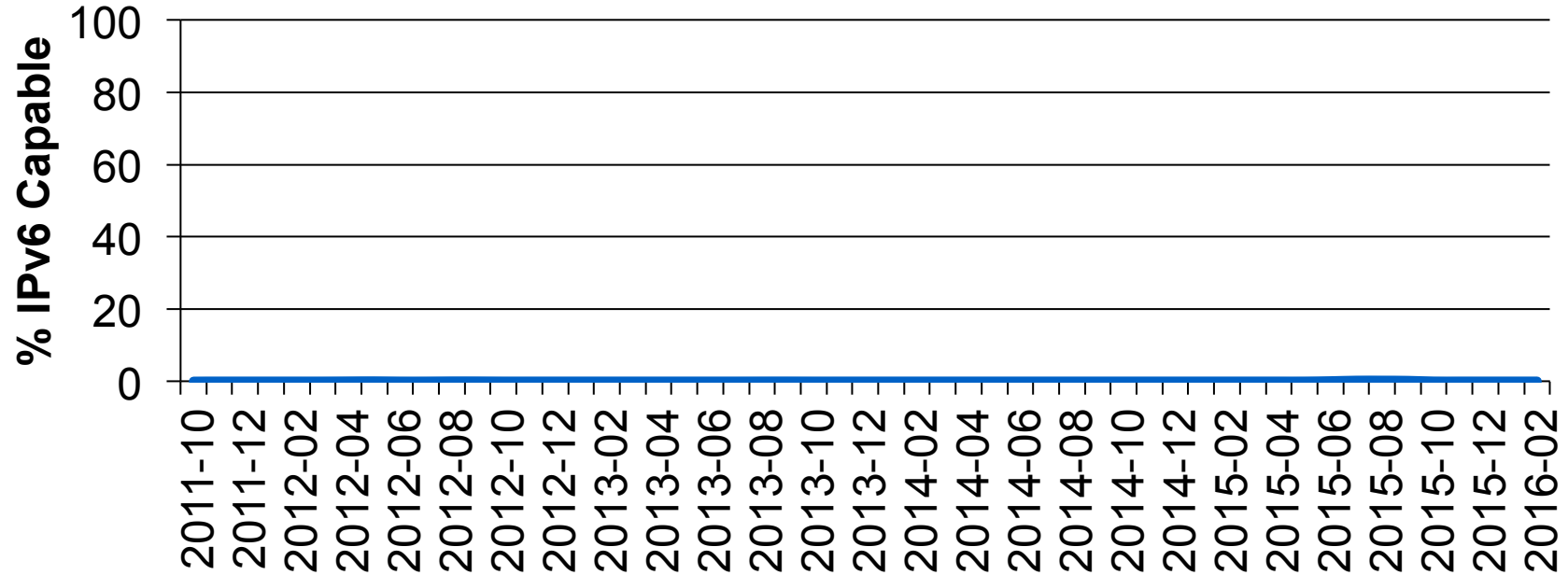


MM: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9988	MPT-AP Myanma Posts and Telecommunications	0.00%	0.00%	229460
AS133385	TELENORMYANMAR-AS Telenor Myanmar	0.01%	0.00%	151477
AS131322	YTCL-AS-AP Yatanarpon Teleport Company Limited	0.02%	0.00%	107704
AS132167	OML-MM OOREDOO MYANMAR	0.02%	0.00%	84301
AS133384	RCCL-AS-AP RedLink Communications Co., Ltd.	0.00%	0.00%	24617
AS18399	YTCL-AS-AP Yatanarpon Teleport Company Limited	0.00%	0.00%	14972
AS133392	SKY-AS-AP Skynet MPS	0.00%	0.00%	8419
AS58952	FRONTIIRCOLTD-MM Frontiir Co. Ltd	0.00%	0.00%	968



IPv6 Capability:MN



MN: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45204	GEMNET-MN GEMNET LLC	0.07%	0.07%	2869
AS38805	CITINET-AS-MN-AP STXCitinet, Leading Internet VOIP Service P	0.01%	0.00%	34680
AS17882	ASN-MCS-AP # AS-MCS-AP CONVERTED TO ASN-MCS-AP FOR RPSL COMP	0.00%	0.00%	636373
AS24320	RAILCOM Railcom - Commercial Center	0.00%	0.00%	5132
AS56194	SKYCC-AS-MAIN SKYCC, VoIP and ISP, Ulaanbaatar, Mongolia	0.00%	0.00%	5626
AS9484	MOBINET-AS-MN Mobinet LLC. AS Mobinet Internet Service Provi	0.00%	0.00%	50765
AS38038	SANSAR-INTERNET-AS Sansar-Internet Co.,ltd. Internet Service	0.00%	0.00%	13995
AS38818	YOKOUNANET-MN-AS-AP YOKOZUNANET LLC	0.00%	0.00%	10757
AS38051	BOLDSoft-AS-MN-AP Boldsoft Co., Ltd	0.00%	0.00%	2618
AS55342	HOMENET6837-AS-AP Homenet	0.00%	0.00%	769

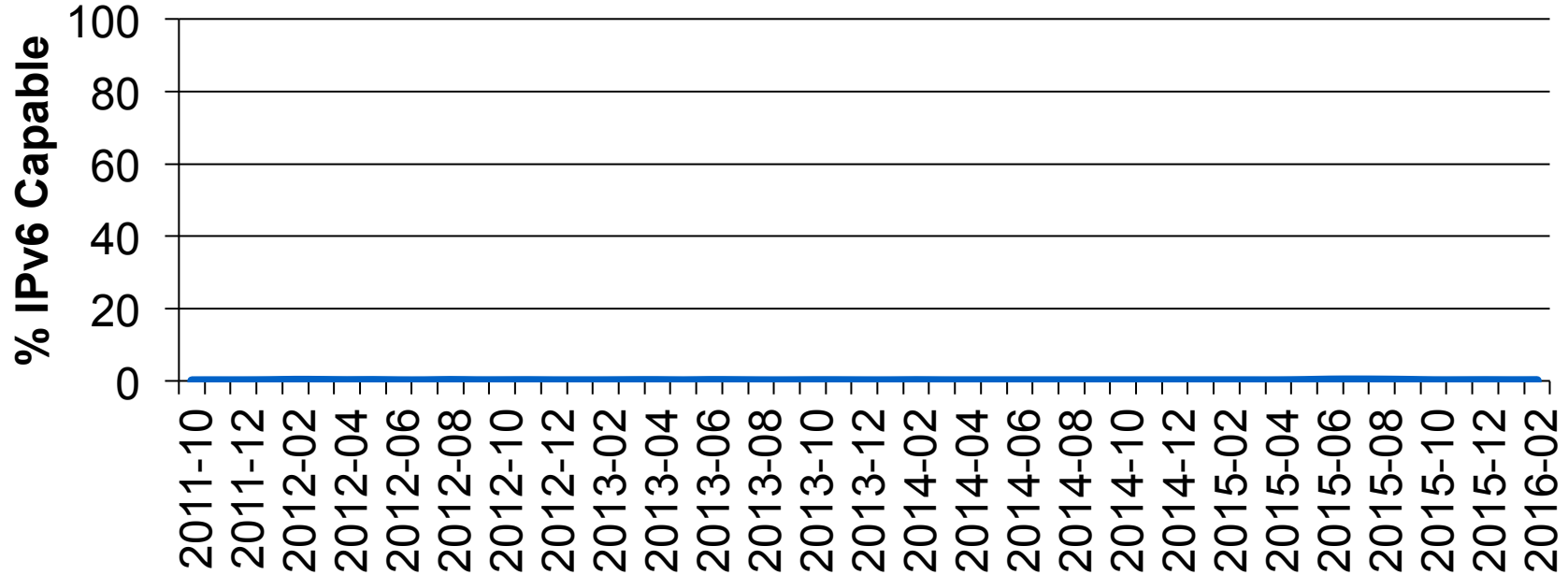


MN: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS17882	ASN-MCS-AP # AS-MCS-AP CONVERTED TO ASN-MCS-AP FOR RPSL COMP	0.00%	0.00%	636373
AS10219	SKYCC-AS-MAIN SKY CC LLC	0.00%	0.00%	212160
AS9484	MOBINET-AS-MN Mobinet LLC. AS Mobinet Internet Service Provi	0.00%	0.00%	50765
AS55805	MOBICOM-AS-MN MobiCom Corporation	0.00%	0.00%	48110
AS9934	MICOM-MN-AS Mongolia Telecom	0.00%	0.00%	37385
AS38805	CITINET-AS-MN-AP STXCitinet, Leading Internet VOIP Service P	0.01%	0.00%	34680
AS56293	KEWIKONET-AS-AP Kewiko LLC	0.00%	0.00%	22828
AS24559	GMOBILE-MN G-Mobile Corporation	0.00%	0.00%	17217
AS38038	SANSAR-INTERNET-AS Sansar-Internet Co.,ltd. Internet Service	0.00%	0.00%	13995
AS55408	MCS-AS-AP Univision LLC	0.00%	0.00%	11000



IPv6 Capability:MO



MO: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS133613	MTEL-AS MTel telecommunication company ltd.	0.36%	0.29%	3064
AS4609	CTM-MO Companhia de Telecomunicacoes de Macau SARL	0.03%	0.00%	885579
AS45918	SMARTONE-AS-AP SmarTone Mobile Communications (Macau) Limite	0.00%	0.00%	4000
AS7582	UMAC-AS-AP University of Macau	0.00%	0.00%	6014

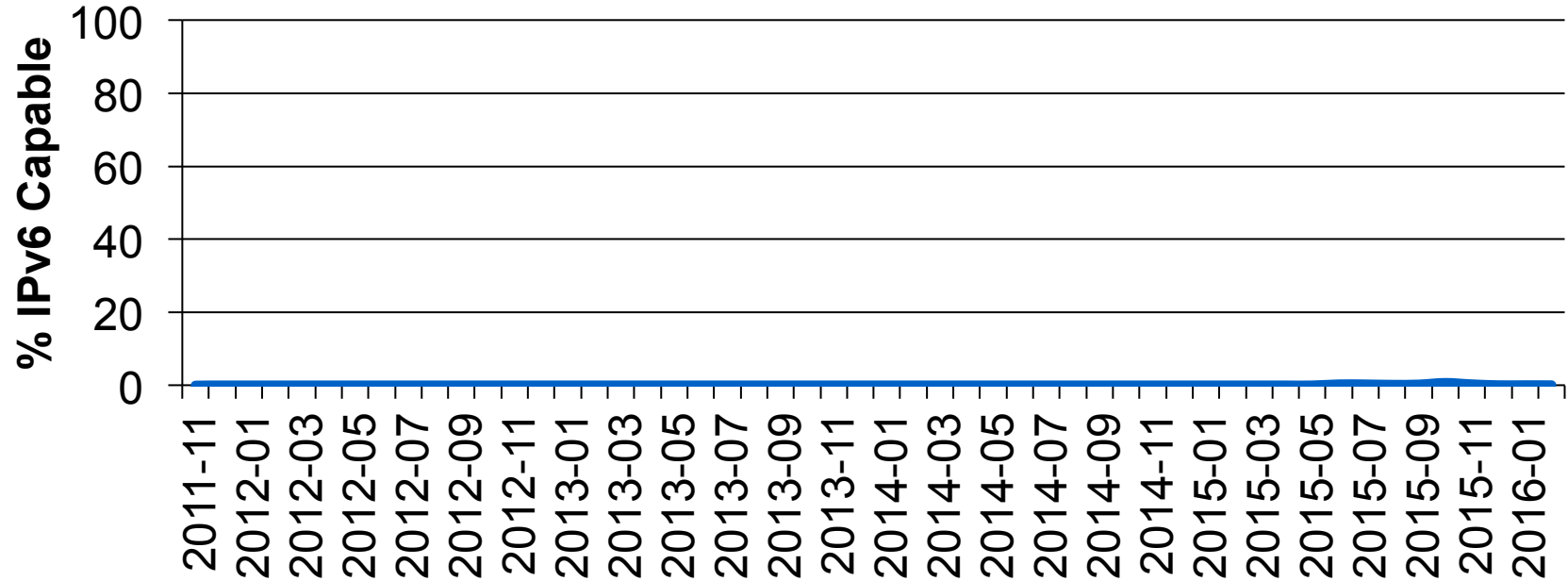


MO: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS4609	CTM-MO Companhia de Telecomunicacoes de Macau SARL	0.03%	0.00%	885579
AS7582	UMAC-AS-AP University of Macau	0.00%	0.00%	6014
AS45918	SMARTONE-AS-AP SmarTone Mobile Communications (Macau) Limite	0.00%	0.00%	4000
AS133613	MTEL-AS MTel telecommunication company ltd.	0.36%	0.29%	3064



IPv6 Capability:MP



MP: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS7131	ERX-ITE-AS ITE Overseas	0.05%	0.00%	47472

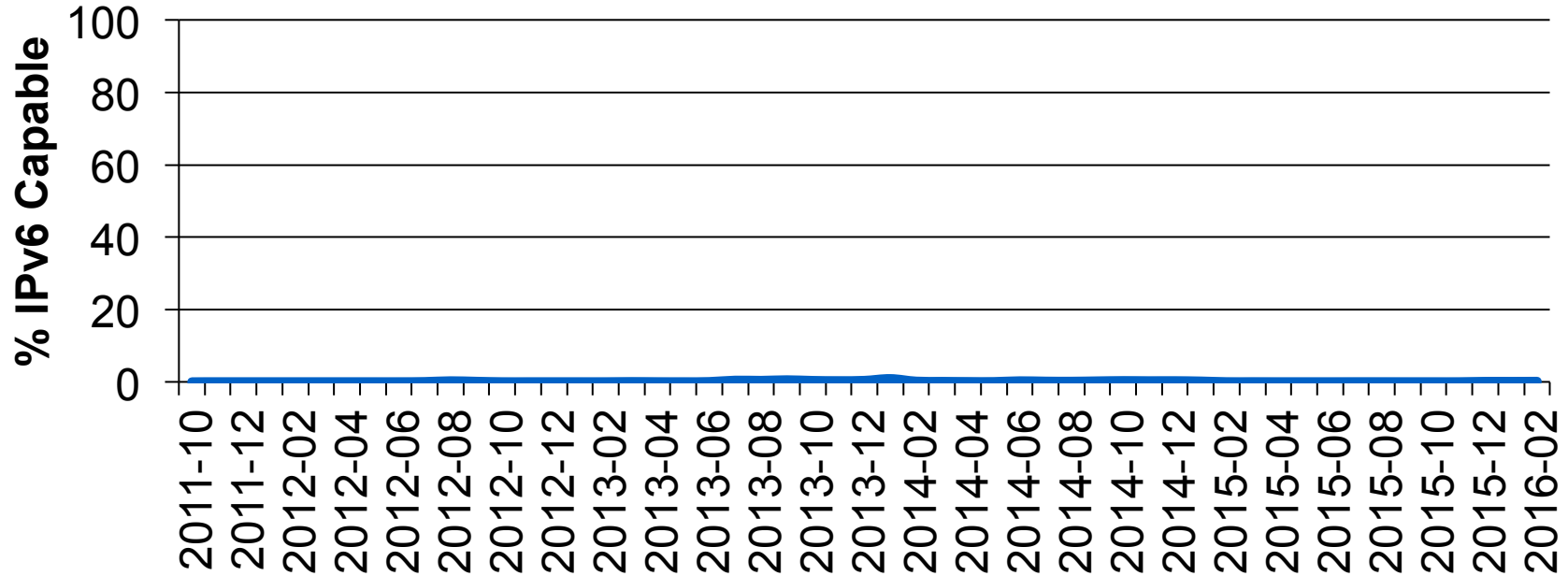


MP: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS7131	ERX-ITE-AS ITE Overseas	0.05%	0.00%	47472



IPv6 Capability: MV



MV: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS7642	DHIRAAGU-MV-AP Dhivehi Raajjeyge Gulhun (Dhiraagu)	0.13%	0.09%	438667
AS24016	ROL-MV-AS-AP Focus Infocom Pvt Ltd, ISP, Male Maldives	0.01%	0.00%	77821
AS55944	OOREDOO-MV Ooredoo Maldives	0.00%	0.00%	64901

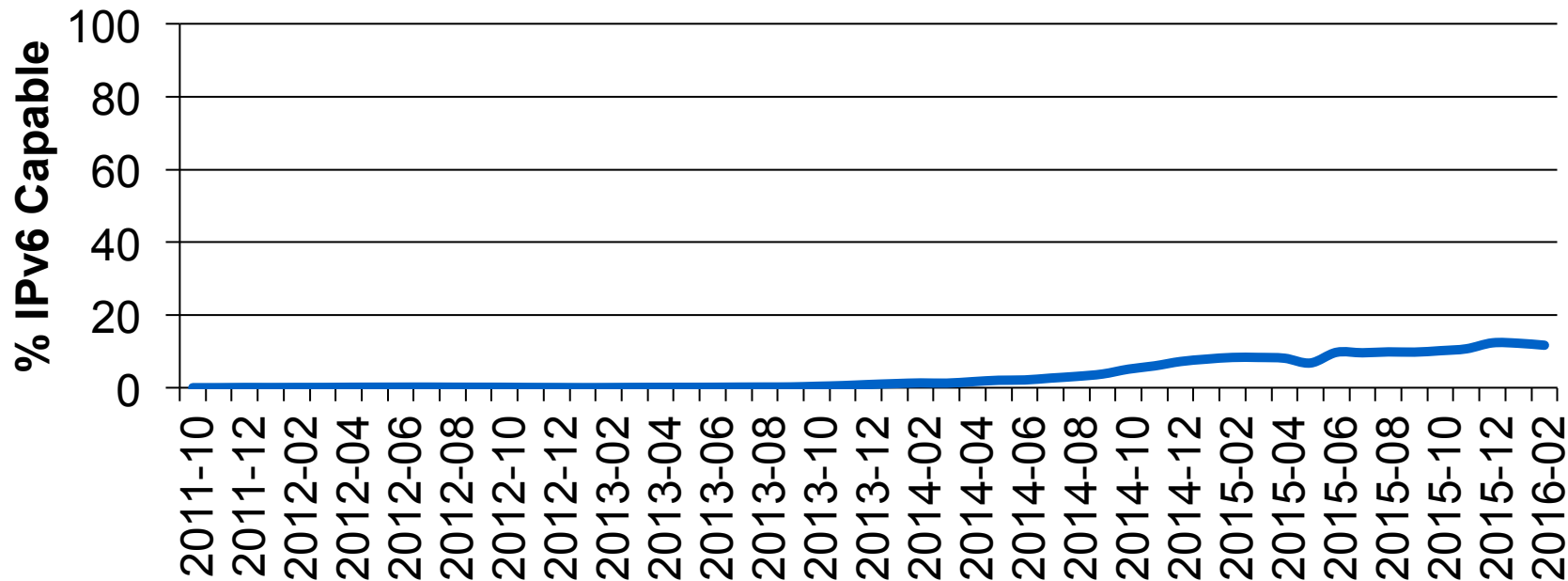


MV: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS7642	DHIRAAGU-MV-AP Dhivehi Raajjeyge Gulhun (Dhiraagu)	0.13%	0.09%	438667
AS24016	ROL-MV-AS-AP Focus Infocom Pvt Ltd, ISP, Male Maldives	0.01%	0.00%	77821
AS55944	OOREDOO-MV Ooredoo Maldives	0.00%	0.00%	64901



IPv6 Capability:MY



MY: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS4788	TMNET-AS-AP TM Net, Internet Service Provider	17.03%	14.57%	4532847
AS17564	GITN-PCN-AS-AP GITN (M) Sdn. Bhd.	14.78%	13.48%	2611
AS9930	TTNET-MY TIME dotCom Berhad	3.99%	3.76%	87836
AS38044	GITN-NETWORK GITN-NETWORK	3.04%	2.85%	10290
AS10204	ARCNET-NTTMSC-MY Arcnet NTT MSC ISP	2.25%	0.79%	756
AS132035	UUM-MY-AS-AP Computer Center	1.74%	1.26%	5458
AS24514	MYREN-MY Malaysian Research Education Network	1.44%	1.37%	2992
AS17971	TMVADS-AP TM-VADS DC Hosting	0.14%	0.12%	5840
AS23678	MYKRIS-AS-MY MyKRIS Asia Sdn Bhd	0.12%	0.08%	2497
AS9534	MAXIS-AS1-AP Binariang Berhad	0.11%	0.09%	691591

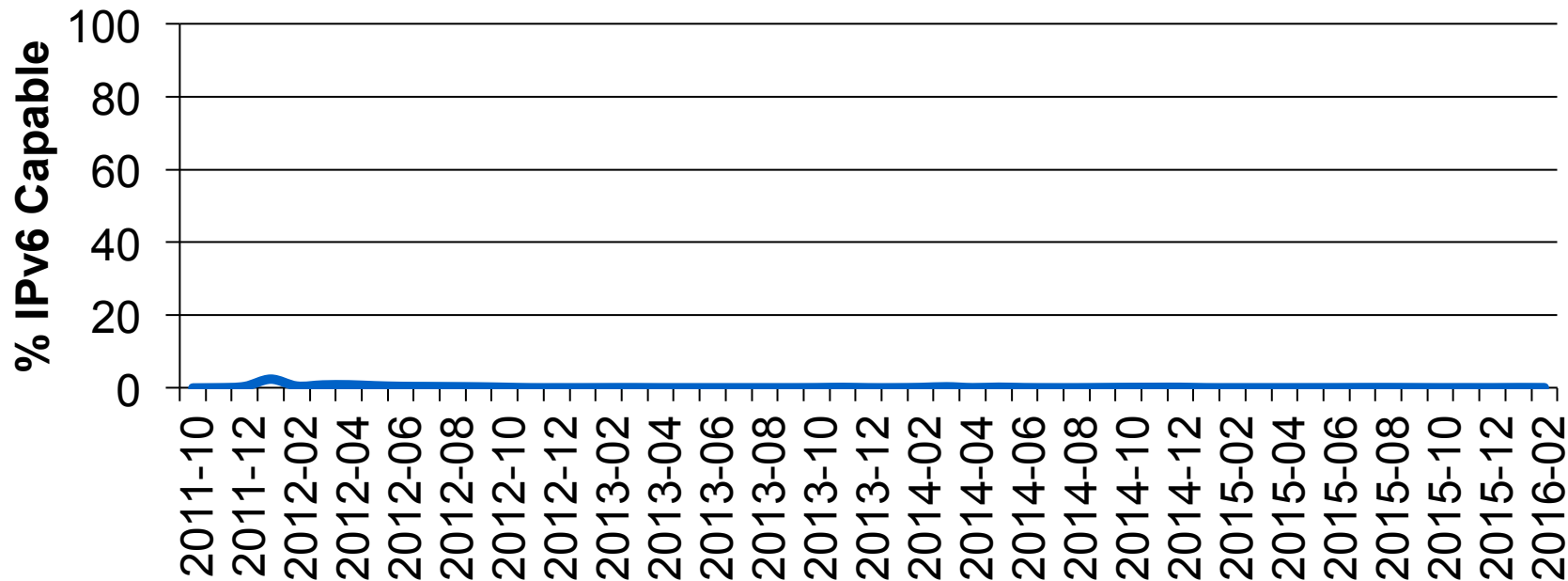


MY: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS4788	TMNET-AS-AP TM Net, Internet Service Provider	17.03%	14.57%	4532847
AS9534	MAXIS-AS1-AP Binariang Berhad	0.11%	0.09%	691591
AS10030	CELCOMNET-AP Celcom Internet Service Provider	0.07%	0.01%	293474
AS4818	DIGIIX-AP DiGi Telecommunications Sdn. Bhd.	0.04%	0.01%	255600
AS38466	UMOBILE-AS-AP U Mobile Sdn Bhd	0.09%	0.06%	159673
AS45960	YTLCOMMS-AS-AP YTL COMMUNICATIONS SDN BHD	0.00%	0.00%	135342
AS38322	P1NETWORKS-MY-AP Packet One Networks Sdn Bhd, Internet Servi	0.00%	0.00%	129531
AS9930	TTNET-MY TIME dotCom Berhad	3.99%	3.76%	87836
AS38044	GITN-NETWORK GITN-NETWORK	3.04%	2.85%	10290
AS132435	SYMPHONET-MY No.31-A, Jalan Tiara, Tiara Square	0.01%	0.00%	7161



IPv6 Capability:NC



NC: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45345	NAUTILE-NC-AS-AP Nautille	0.16%	0.10%	12524
AS17480	CANL CANL	0.06%	0.00%	35471
AS18200	OPT-NC-AS-AP Office des Postes et Telecommunications New-Cal	0.04%	0.04%	8480
AS56055	MLS-NC Micro Logic Systems	0.02%	0.02%	32983
AS45461	TELENET-AS-AP TeleNet	0.00%	0.00%	5874
AS56089	OFFRATEL-AS-AP OFFRATEL	0.00%	0.00%	53858

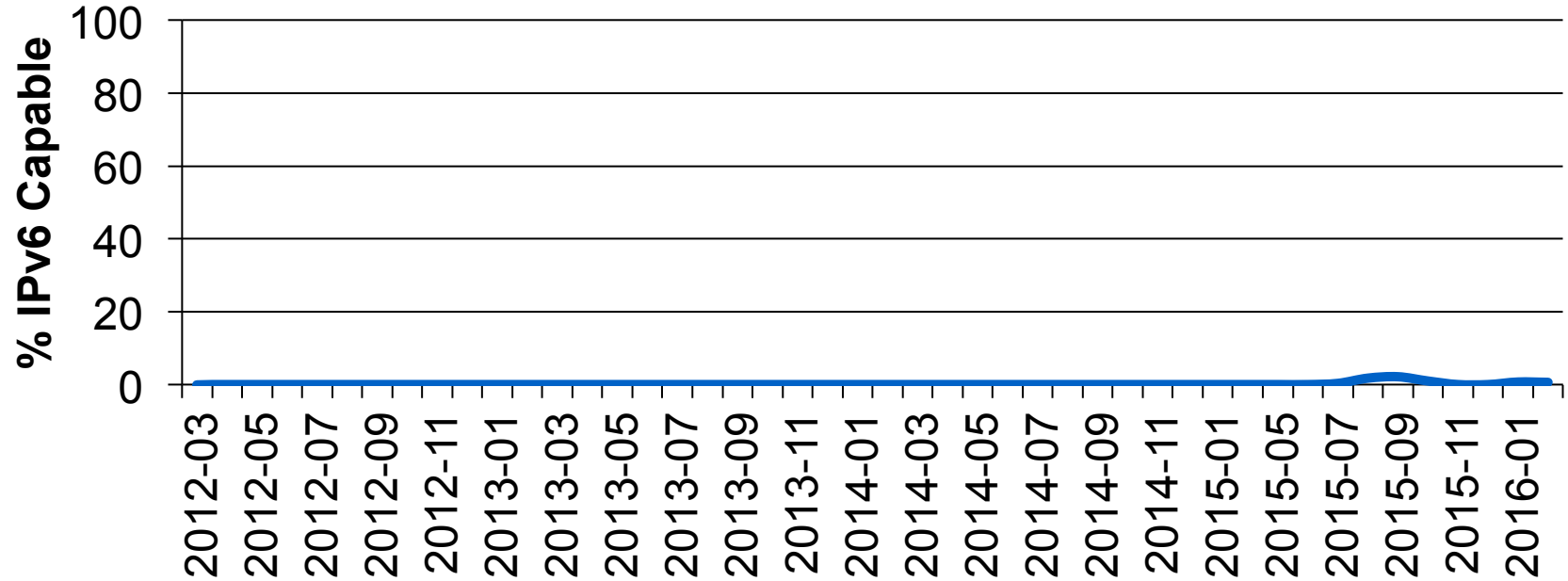


NC: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS56089	OFFRATEL-AS-AP OFFRATEL	0.00%	0.00%	53858
AS17480	CANL CANL	0.06%	0.00%	35471
AS56055	MLS-NC Micro Logic Systems	0.02%	0.02%	32983
AS45345	NAUTILE-NC-AS-AP Nautile	0.16%	0.10%	12524
AS18200	OPT-NC-AS-AP Office des Postes et Telecommunications New-Cal	0.04%	0.04%	8480
AS45461	TELENET-AS-AP TeleNet	0.00%	0.00%	5874



IPv6 Capability:NF



NF: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45168	NINET-AS-NF-AP Norfolk Telecom, GBE	0.00%	0.00%	199

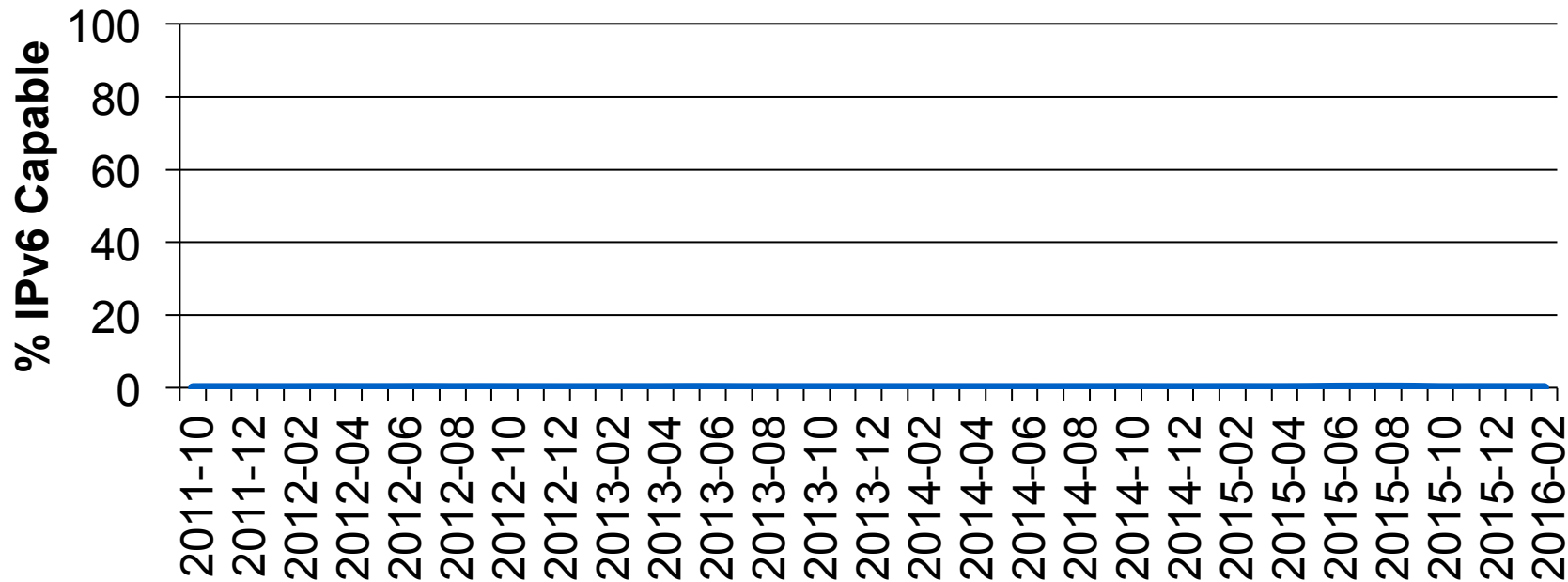


NF: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45168	NINET-AS-NF-AP Norfolk Telecom, GBE	0.00%	0.00%	199



IPv6 Capability:NP



NP: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45353	NITC-AS-AP NITC IT Agency of Government of Nepal	0.08%	0.00%	2484
AS23752	NPTELECOM-NP-AS Nepal Telecommunications Corporation, Intern	0.01%	0.00%	892026
AS59343	OTELPVTLTD-NP Otel Communication Pvt. Ltd	0.01%	0.01%	16044
AS24550	WEBSURFERNP-AS-NP Websurfer Nepal Internet Service Provider	0.00%	0.00%	75929
AS58504	TECHMINDS-NP TECHMINDS NETWORKS PVT. LTD.	0.00%	0.00%	28535
AS4007	SUBISU-CABLENET-AS-AP Subisu Cablenet (Pvt) Ltd, Baluwatar,	0.00%	0.00%	367594
AS17501	WLINK-NEPAL-AS-AP WorldLink Communications Pvt Ltd	0.00%	0.00%	500646
AS38565	NCELL-AS-NP Ncell Pvt. Ltd.	0.00%	0.00%	68923
AS55427	BROADLINK-AS-AP Broadlink Nepal	0.00%	0.00%	39478
AS56196	AIRWAVENET3-NP P.O. Box No 11040, Kan Deveta Sthan Kupondol,	0.00%	0.00%	790

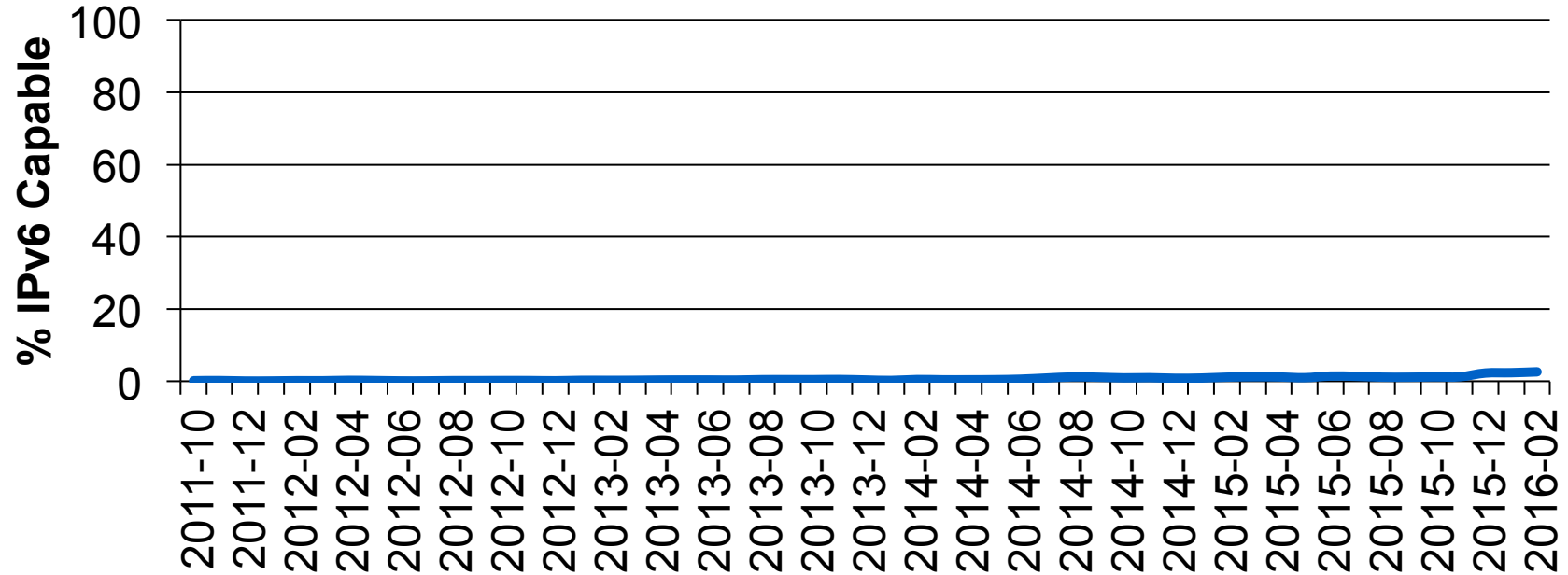


NP: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS23752	NPTELECOM-NP-AS Nepal Telecommunications Corporation, Intern	0.01%	0.00%	892026
AS17501	WLINK-NEPAL-AS-AP WorldLink Communications Pvt Ltd	0.00%	0.00%	500646
AS4007	SUBISU-CABLENET-AS-AP Subisu Cablenet (Pvt) Ltd, Baluwatar,	0.00%	0.00%	367594
AS45650	VIANET-NP Vianet Communications Pvt. Ltd.	0.00%	0.00%	135736
AS55915	CLASSIC-NP Classic Tech Pvt. Ltd.	0.00%	0.00%	81534
AS24550	WEBSURFERNP-AS-NP Websurfer Nepal Internet Service Provider	0.00%	0.00%	75929
AS38565	NCELL-AS-NP Ncell Pvt. Ltd.	0.00%	0.00%	68923
AS55427	BROADLINK-AS-AP Broadlink Nepal	0.00%	0.00%	39478
AS4613	MOS-NP Mercantile Office Systems	0.00%	0.00%	30027
AS58504	TECHMINDS-NP TECHMINDS NETWORKS PVT. LTD.	0.00%	0.00%	28535



IPv6 Capability:NZ



NZ: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9433	MASSEY-AS Massey University	64.49%	3.67%	245
AS23655	SNAP-NZ-AS Snap Internet Limited	58.44%	50.21%	24192
AS132040	CITYLINK-CT-AP Citylink Ltd	26.01%	13.90%	223
AS17746	ORCONINTERNET-NZ-AP Orcon Internet	18.24%	17.12%	44193
AS17649	DMZGLOBAL-AP DMZGlobal Ltd	15.62%	0.00%	256
AS58666	NASL-AS-AP Vorco	7.98%	5.52%	163
AS4770	ICONZ-AS ICONZ Ltd	7.49%	0.22%	454
AS24006	KNOSSOS-AS-NZ Knossos Networks Limited	3.60%	3.60%	222
AS45637	UNIFONENETWORKS-AS-AP UniFone New Zealand Ltd	3.16%	3.02%	728
AS24466	HDNETNZ hd.net.nz	2.58%	2.29%	349

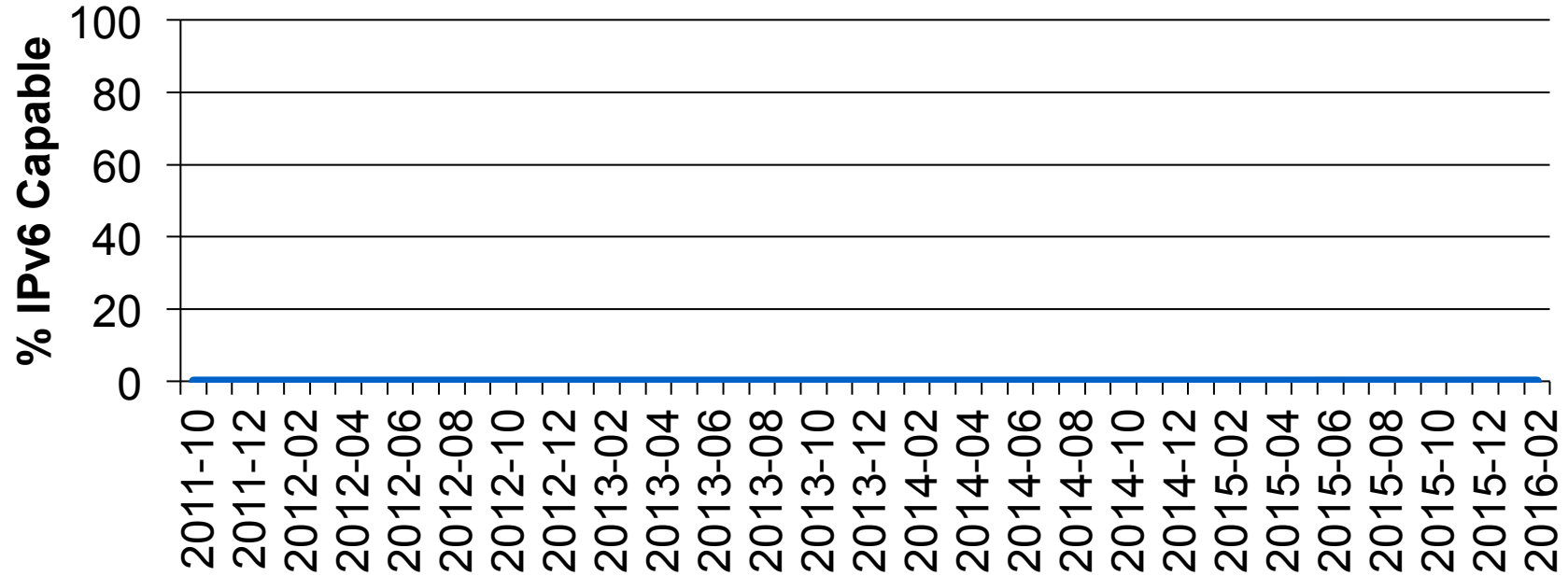


NZ: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS4771	SPARKNZ Spark New Zealand Trading Ltd.	0.02%	0.00%	348716
AS7657	VODAFONE-NZ-NGN-AS Vodafone NZ Ltd.	0.01%	0.01%	200056
AS9790	CALLPLUS-NZ-AP CallPlus Services Limited	0.01%	0.01%	63246
AS4768	CLIX-NZ TelstraClear Ltd	0.02%	0.01%	50814
AS17746	ORCONINTERNET-NZ-AP Orcon Internet	18.24%	17.12%	44193
AS9500	VODAFONE-TRANSIT-AS Vodafone NZ Ltd.	0.02%	0.00%	37686
AS55850	TRUSTPOWERLTD-AS-AP TrustPower Ltd	1.20%	1.15%	25428
AS23655	SNAP-NZ-AS Snap Internet Limited	58.44%	50.21%	24192
AS4648	NZIX-2 Global-Gateway Internet	0.06%	0.05%	23161
AS38793	NZCOMMS-AS-AP Two Degrees Mobile Limited	0.06%	0.01%	20906



IPv6 Capability:PF



PF: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS55943	OPT-PF-AS-AP OPT	0.29%	0.00%	4096
AS9471	VINI-PF-AP VINI SAS	0.00%	0.00%	298273
AS56017	VITI-AS-PF VITI	0.00%	0.00%	31856

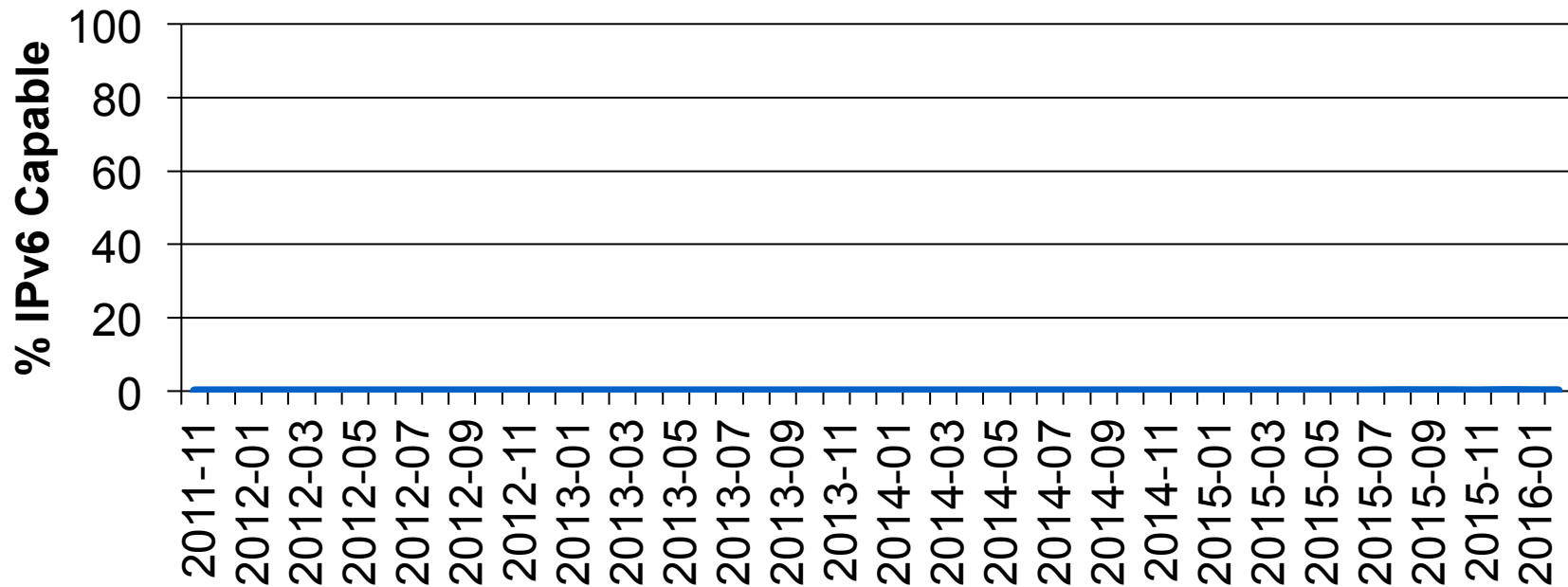


PF: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9471	VINI-PF-AP VINI SAS	0.00%	0.00%	298273
AS56017	VITI-AS-PF VITI	0.00%	0.00%	31856
AS55943	OPT-PF-AS-AP OPT	0.29%	0.00%	4096



IPv6 Capability:PG



PG: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS17828	TIARE-AS-PG Tiare, a business unit of Pacific Mobile Communi	0.08%	0.00%	5072
AS58460	DIGICELPNG-AS-AP Digicel (PNG) Ltd	0.05%	0.00%	18554
AS45924	GLOBAL-AS-AP Global Technologies Limited	0.00%	0.00%	414
AS55792	DATEC-PNG-AS-AP Datec-PNG	0.00%	0.00%	2705
AS133137	BEMOBILEPNG-AS-AP Bemobile LTD	0.00%	0.00%	955
AS60725	O3B-AS O3b Limited	0.00%	0.00%	679
AS38009	TELIKOM-PNG-AS-AP Telikom PNG Satellite Tier 1 AS Internet S	0.00%	0.00%	1752

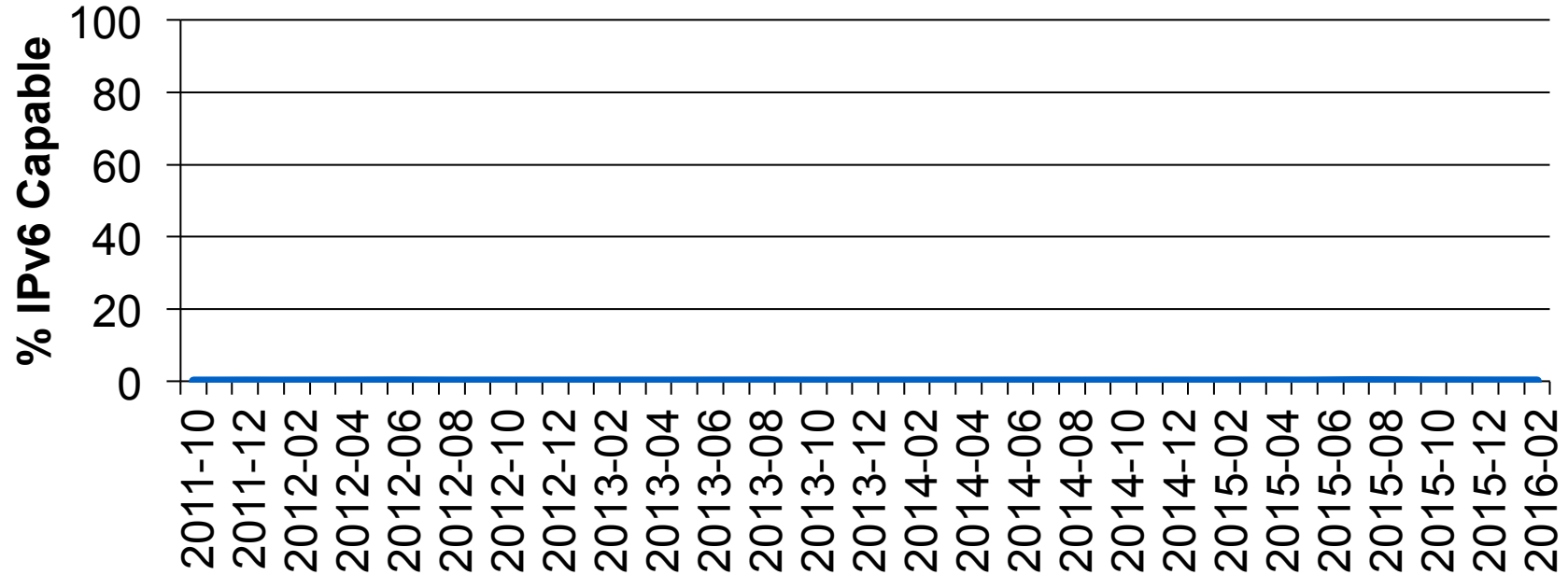


PG: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS58460	DIGICELPNG-AS-AP Digicel (PNG) Ltd	0.05%	0.00%	18554
AS17828	TIARE-AS-PG Tiare, a business unit of Pacific Mobile Communi	0.08%	0.00%	5072
AS55792	DATEC-PNG-AS-AP Datec-PNG	0.00%	0.00%	2705
AS38009	TELIKOM-PNG-AS-AP Telikom PNG Satellite Tier 1 AS Internet S	0.00%	0.00%	1752
AS133137	BEMOBILEPNG-AS-AP Bemobile LTD	0.00%	0.00%	955
AS60725	O3B-AS O3b Limited	0.00%	0.00%	679
AS45924	GLOBAL-AS-AP Global Technologies Limited	0.00%	0.00%	414



IPv6 Capability:PH



PH: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS17721	IRRI-AS-AP International Rice Research Institute	23.29%	17.51%	1245
AS9821	DOST-PH-AP Department of Science and Technology	6.38%	1.34%	3200
AS45209	UPLB-AS-AP University of the Philippines, Los Banos Campus	5.06%	4.37%	435
AS23862	DILNET-AS-AP University of the Philippines Diliman	1.36%	0.34%	587
AS45600	UPM-AS-AP University of the Philippines, Manila	0.57%	0.34%	878
AS22363	PHMGMT-AS1 - Powerhouse Management, Inc.	0.47%	0.47%	211
AS24306	NETPLAY-AS-AP NETPLAY INC.	0.45%	0.45%	220
AS17970	TRIPH-AS-AP TRI PH AS	0.10%	0.10%	3855
AS10139	SMARTBRO-PH-AP Smart Broadband, Inc.	0.06%	0.00%	1488563
AS133623	PLANETCABLETV-AS-AP Planet Cable, Inc.	0.02%	0.00%	8878

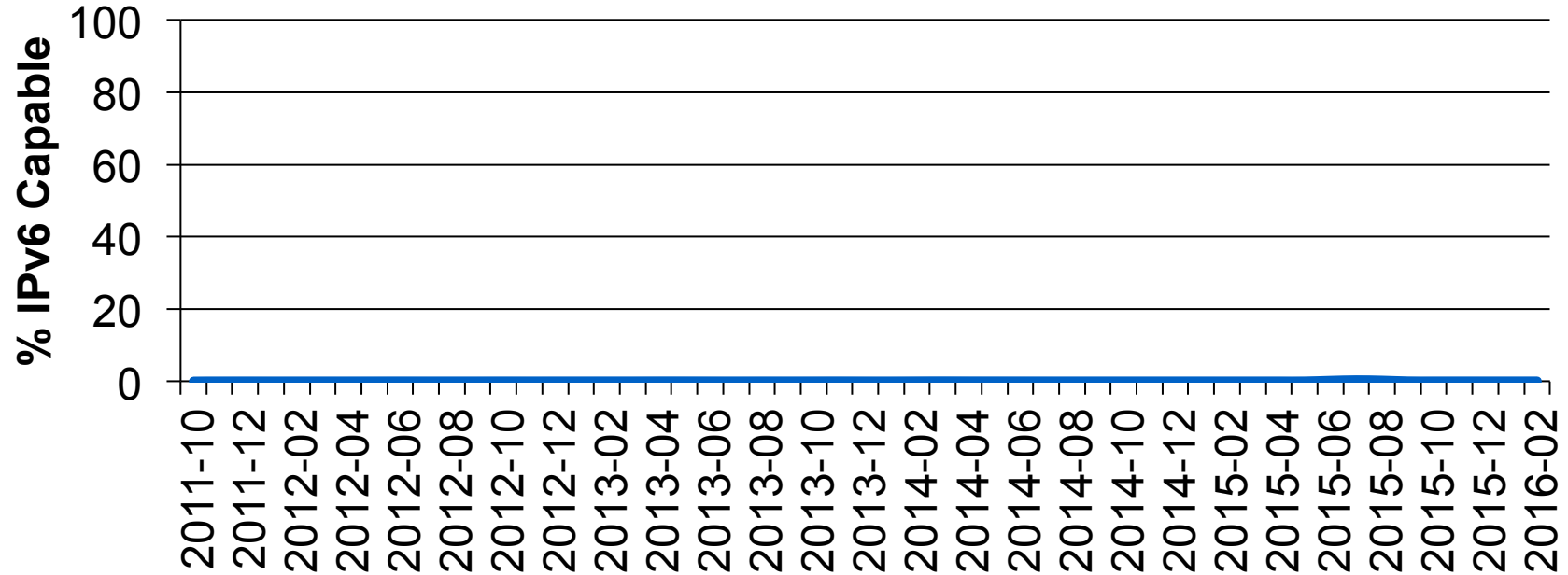


PH: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9299	IPG-AS-AP Philippine Long Distance Telephone Company	0.01%	0.00%	5452906
AS132199	GLOBE-MOBILE-5TH-GEN-AS Globe Telecom Inc.	0.01%	0.00%	2950110
AS10139	SMARTBRO-PH-AP Smart Broadband, Inc.	0.06%	0.00%	1488563
AS6648	BAYAN-TELECOMMUNICATIONS Bayan Telecommunications, Inc.	0.01%	0.01%	585178
AS17639	COMCLARK-AS ComClark Network Technology Corp.	0.02%	0.00%	259202
AS23944	SKYBB-AS-AP SKYBroadband SKYCable Corporation	0.01%	0.00%	227697
AS4775	GLOBE-TELECOM-AS Globe Telecoms	0.01%	0.00%	169517
AS9658	ETPI-IDS-AS-AP Eastern Telecoms Phils., Inc.	0.02%	0.00%	50898
AS132454	IPS-AS-AP IPS - Keysquare Inc	0.00%	0.00%	41628
AS56099	AVCHI-CLICK-AS-AP CLICK Broadband	0.00%	0.00%	35286



IPv6 Capability:PK



PK: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45773	HECPERN-AS-PK PERN AS Content Service Provider, Islamabad, Pa	0.39%	0.35%	154660
AS23674	NAYATEL-PK Nayatel (Pvt) Ltd	0.04%	0.04%	247521
AS9260	MULTINET-AS-AP Multinet Pakistan Pvt. Ltd.	0.04%	0.03%	109444
AS9541	CYBERNET-AP Cyber Internet Services (Pvt) Ltd.	0.02%	0.01%	86848
AS38713	CONNECT2B-AS-PK Broadband ISP, FTTH and Cable Service Provid	0.01%	0.00%	7011
AS38710	WORLDCALL-AS-LHR Worldcall Broadband Limited	0.01%	0.00%	58540
AS17539	ASN-NCKHI-AP NetSol Connect	0.01%	0.01%	17527
AS17911	BRAINPK-AS-AP Brain Telecommunication Ltd.	0.01%	0.01%	30161
AS55501	CONNECTEL-PK 141-143 Maulana Shaukat Ali Road	0.01%	0.00%	12482
AS55714	APNIC-FIBERLINK-PK Fiberlink Pvt.Ltd	0.00%	0.00%	123840



PK: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45595	PKTELECOM-AS-PK Pakistan Telecom Company Limited	0.00%	0.00%	8867268
AS38547	WITRIBE-AS-AP WITRIBE PAKISTAN LIMITED	0.00%	0.00%	372355
AS59257	CMPAKLIMITED-AS-AP CMPak Limited	0.00%	0.00%	350229
AS132165	CONNECT-AS-AP Connect Communications	0.00%	0.00%	303898
AS23674	NAYATEL-PK Nayatel (Pvt) Ltd	0.04%	0.04%	247521
AS24499	TPP-AS-PK Telenor Pakistan	0.00%	0.00%	230349
AS9387	AUGERE-PK AUGERE-Pakistan	0.00%	0.00%	218544
AS45669	MOBILINK-AS-PK PMCL LDI IP TRANSIT	0.00%	0.00%	213582
AS45773	HECPERN-AS-PK PERN AS Content Servie Provider, Islamabad, Pa	0.39%	0.35%	154660
AS45814	FARIYA-PK Fariya Networks Pvt. Ltd.	0.00%	0.00%	149141



IPv6 Capability:



: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
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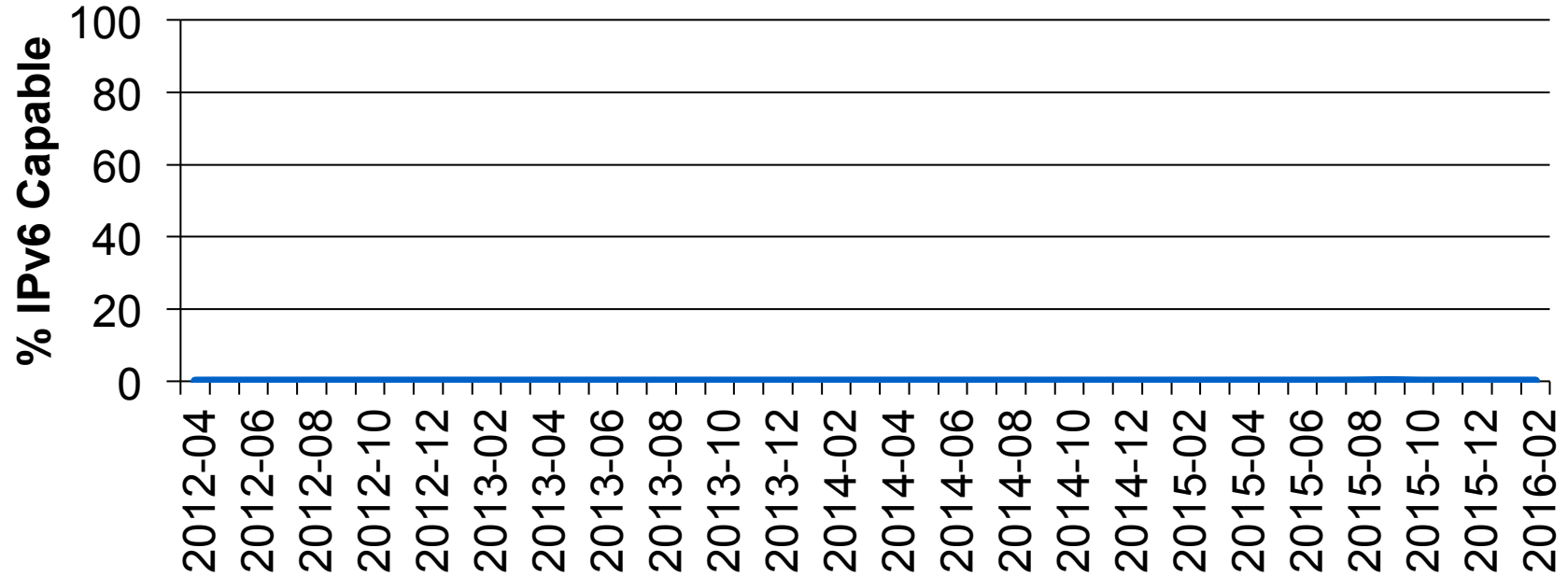


: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
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IPv6 Capability:PW



PW: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS133897	PEACCDPT-AS-AP Palau Equipment Co. Inc.	0.00%	0.00%	297
AS17893	PALAU-AS-AP Palau National Communications Corp.	0.00%	0.00%	3195

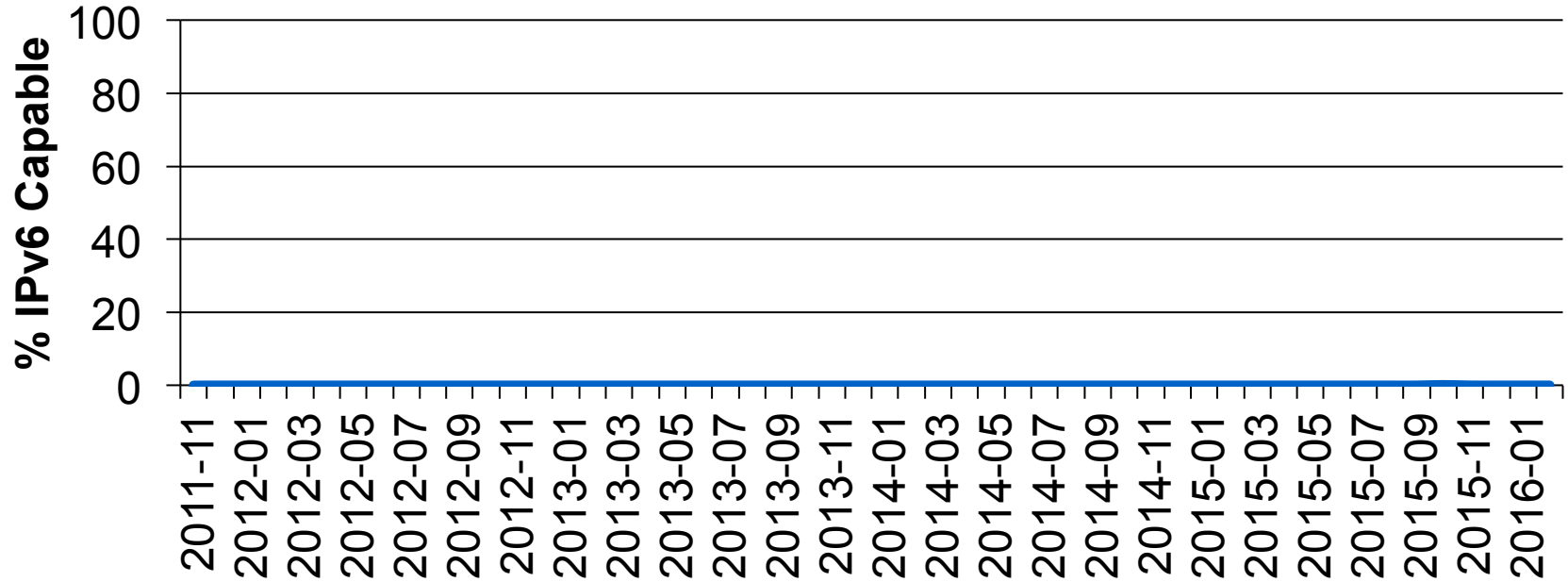


PW: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS17893	PALAU-AS-AP Palau National Communications Corp.	0.00%	0.00%	3195
AS133897	PEACCDPT-AS-AP Palau Equipment Co. Inc.	0.00%	0.00%	297



IPv6 Capability:SB



SB: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45891	SBT-AS-AP Solomon Telekom Co Ltd	0.00%	0.00%	4462
AS132462	BEMOBILESI-AS-AP Bemobile Solomon Islands Ltd	0.00%	0.00%	365
AS132468	SATSOL-NET-SB SATSOL LIMITED	0.00%	0.00%	633

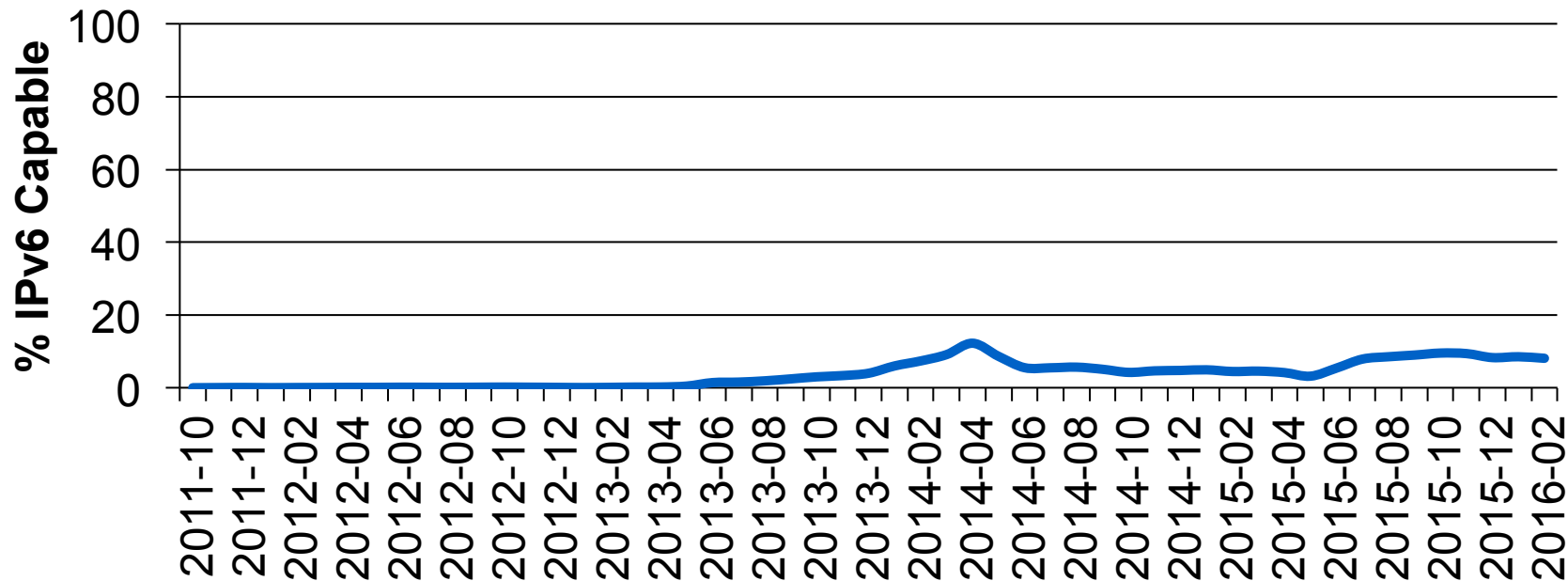


SB: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45891	SBT-AS-AP Solomon Telekom Co Ltd	0.00%	0.00%	4462
AS132468	SATSOL-NET-SB SATSOL LIMITED	0.00%	0.00%	633
AS132462	BEMOBILESI-AS-AP Bemobile Solomon Islands Ltd	0.00%	0.00%	365



IPv6 Capability:SG



SG: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS59349	GMOINTERNET-SG GMO INTERNET PTE LTD	94.09%	93.45%	779
AS133466	BOSCH-NET-AP Robert Bosch GmbH	93.31%	0.00%	344
AS10091	SCV-AS-AP StarHub Cable Vision Ltd	52.91%	35.92%	243310
AS133165	DIGITALOCEAN-AS-AP Digital Ocean, Inc.	29.22%	1.44%	18162
AS24482	SGGS-AS-AP SG.GS	22.78%	13.11%	755
AS56308	TELIN-NET-SG TELEKOMUNIKASI INDONESIA INTERNATIONAL, PTE.LTD	18.82%	18.28%	186
AS55430	STARHUBINTERNET-AS-NGNBN Starhub Internet Pte Ltd	6.83%	4.41%	386292
AS4773	MOBILEONELTD-AS-AP MobileOne Ltd. MobileInternet Service Pro	6.21%	5.38%	298158
AS132816	SIMPLERCLOUD-AS-AP SimplerCloud Pte Ltd	2.86%	2.29%	175
AS38001	NEWMEDIAEXPRESS-AS-AP NewMedia Express Pte Ltd. Singapore We	1.69%	1.69%	295

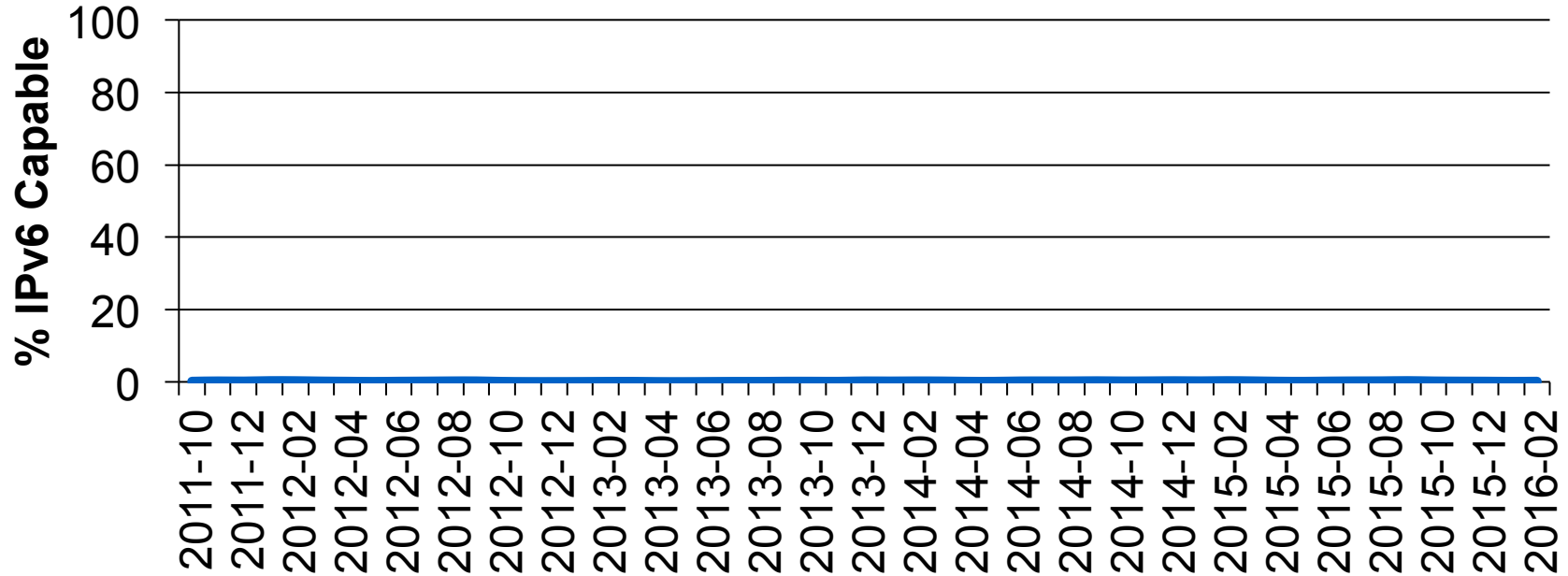


SG: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9506	MAGIX-SG-AP Magix Broadband Network	0.29%	0.09%	851945
AS55430	STARHUBINTERNET-AS-NGNBN Starhub Internet Pte Ltd	6.83%	4.41%	386292
AS4773	MOBILEONELTD-AS-AP MobileOne Ltd. MobileInternet Service Pro	6.21%	5.38%	298158
AS10091	SCV-AS-AP StarHub Cable Vision Ltd	52.91%	35.92%	243310
AS45143	SINGTELMOBILE-AS-AP SINGTEL MOBILE INTERNET SERVICE PROVIDER	0.10%	0.04%	127538
AS9874	STARHUB-IX StarHub Broadband	0.19%	0.06%	87037
AS56300	MYHOSTING-AS-AP MYHOSTING	0.06%	0.01%	57646
AS38895	AMAZON-AS-AP Amazon.com Tech Telecom	0.00%	0.00%	46035
AS3758	ERX-SINGNET SingNet	0.92%	0.07%	22044
AS133165	DIGITALOCEAN-AS-AP Digital Ocean, Inc.	29.22%	1.44%	18162



IPv6 Capability: TH



TH: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS131221	PBRU-AS-AP Petchaburi Rajabhat University	87.46%	84.77%	1116
AS24453	CRU-AS-AP Chandrakasem Rajabhat University	73.87%	71.43%	1680
AS131246	LRU-AS-AP LOEI university network ,LOEI, Thailand	58.46%	57.41%	479
AS38296	NSTDA-TH-AS-AP National Science and Technology Development A	50.53%	42.11%	190
AS133042	OBEC-AS-AP Office of the basic education commission	40.46%	37.86%	20844
AS9411	NONTRINET-AS-AP Kasetsart University, Thailand	36.46%	32.02%	8294
AS133919	RMUTP-AS-AP University campus network, Rajamangala Universit	27.23%	27.23%	224
AS37932	RMUTI-AS-AP Rajamangala University of Technology Isan	11.95%	11.44%	778
AS9464	PSU-TH-AS-AP Prince of Songkla University (SritrangNET)	5.64%	5.39%	15167
AS4621	UNSPECIFIED UNINET-TH	2.48%	2.38%	63025

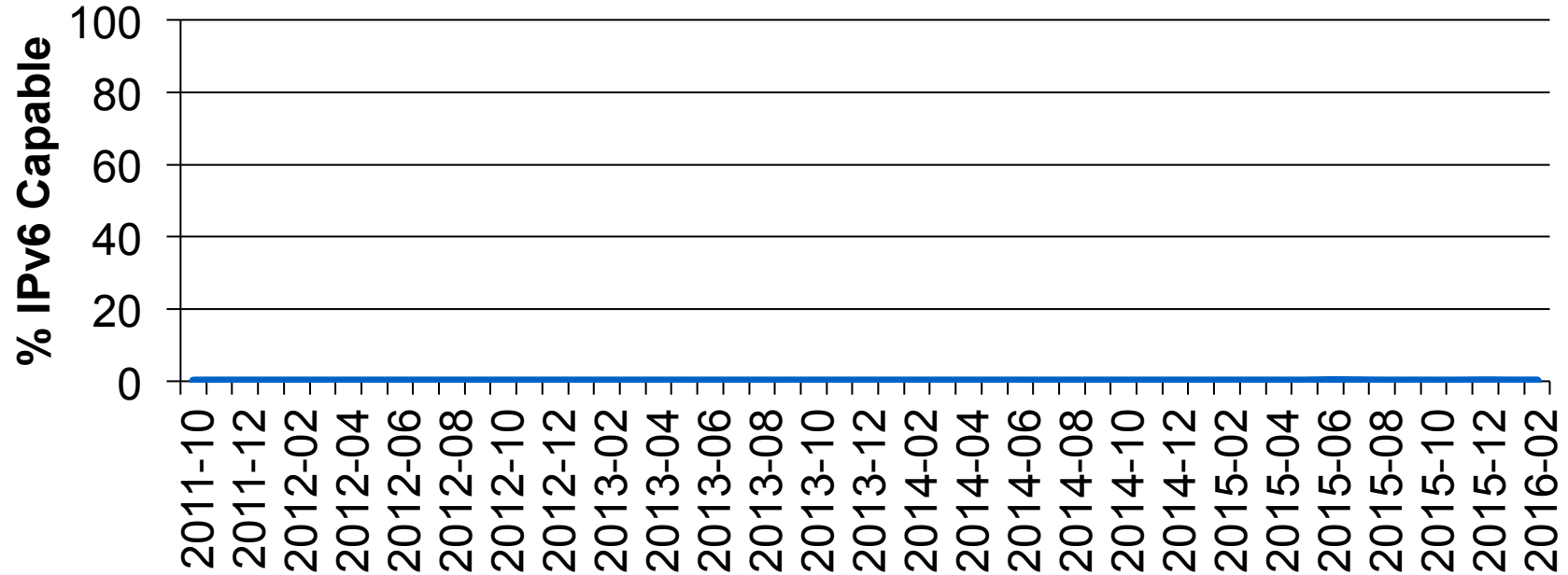


TH: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45629	JASTEL-NETWORK-TH-AP JasTel Network International Gateway	0.01%	0.00%	3819088
AS17552	TRUE-AS-AP True Internet Co.,Ltd.	0.00%	0.00%	3341217
AS23969	TOT-NET TOT Public Company Limited	0.01%	0.00%	1811768
AS131445	AIS3G-2100-AS-AP Advance Wireless Network	0.00%	0.00%	1549340
AS9737	TOTNET-TH-AS-AP TOT Public Company Limited	0.05%	0.00%	1505546
AS24378	ENGTAC-AS-TH-AP Total Access Communication PLC.	0.00%	0.00%	1022366
AS132061	REALMOVE-AS-AP Realmove Company Limited	0.00%	0.00%	956854
AS131090	CAT-IDC-4BYTENET-AS-AP CAT TELECOM Public Company Ltd,CAT	0.02%	0.00%	499158
AS133481	SBN-FBB-AS-AP Fixed Broadband Network	0.00%	0.00%	179666
AS132618	REALFUTURE-AS-AP Real Future Company Limited	0.00%	0.00%	148733



IPv6 Capability: TL



TL: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS133606	VIETTELTIMORLESTE-AS-AP Viettel Timor Leste	0.10%	0.00%	2953
AS58731	TELINTLSA-AS Telekomunikasi Indonesia International (T.L.) S	0.02%	0.01%	9311
AS38077	TIMOR-TELECOM-AS-AP Timor Telecom, SA	0.00%	0.00%	6078

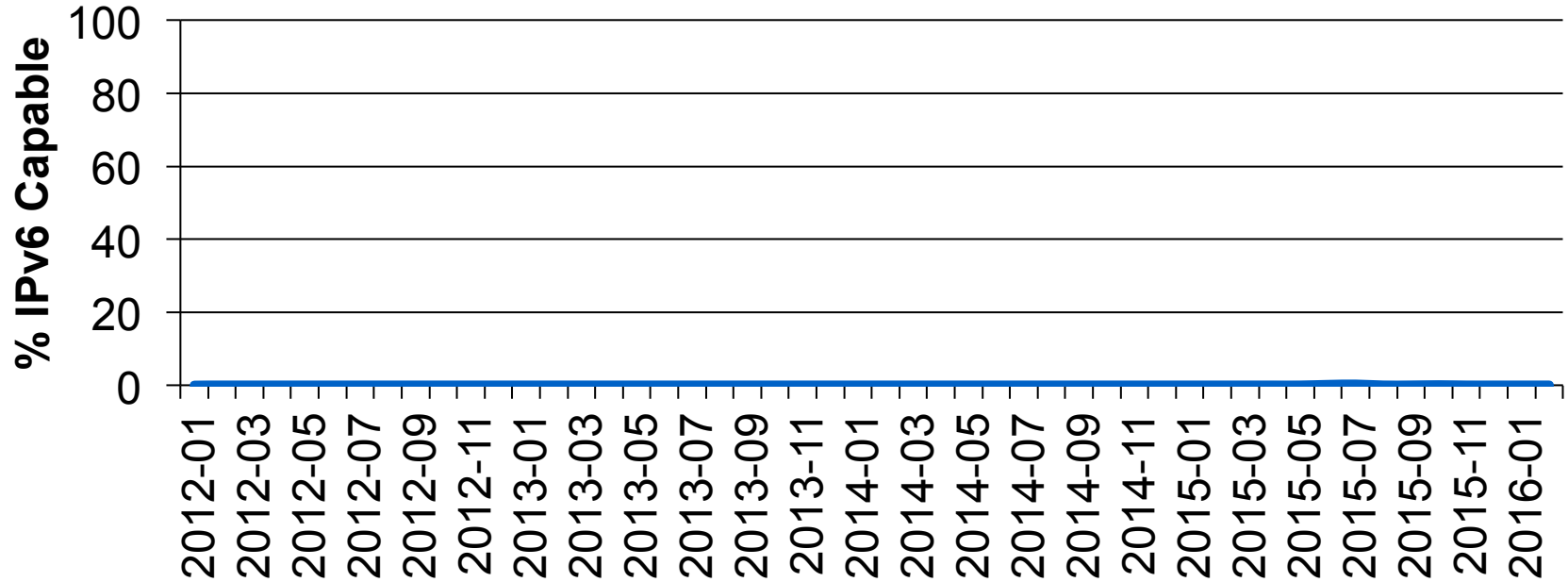


TL: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS58731	TELINTLSA-AS Telekomunikasi Indonesia International (T.L.) S	0.02%	0.01%	9311
AS38077	TIMOR-TELECOM-AS-AP Timor Telecom, SA	0.00%	0.00%	6078
AS133606	VIETTELTIMORLESTE-AS-AP Viettel Timor Leste	0.10%	0.00%	2953



IPv6 Capability:TO



TO: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS38456	PACTEL-AS-AP Pacific Teleports.	0.00%	0.00%	484
AS38201	KALIANET-PUBLIC-AS-AP Tonga Communications Internet Network	0.00%	0.00%	5299
AS132579	TONGACABLELIMITED-AS-AP Tonga Cable Limited	0.00%	0.00%	3029

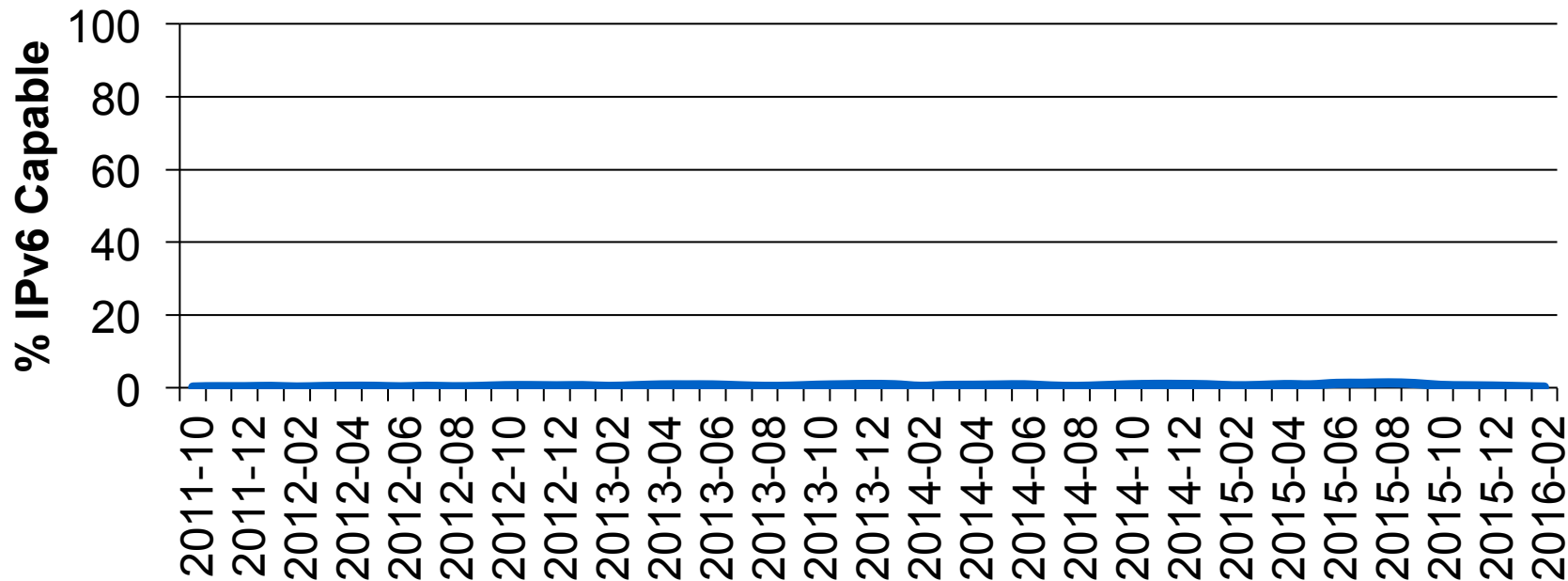


TO: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS38201	KALIANET-PUBLIC-AS-AP Tonga Communications Internet Network	0.00%	0.00%	5299
AS132579	TONGACABLELIMITED-AS-AP Tonga Cable Limited	0.00%	0.00%	3029
AS38456	PACTEL-AS-AP Pacific Teleports.	0.00%	0.00%	484



IPv6 Capability: TW



TW: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS131150	KH-AS-TW Education Bureau, Kaohsiung City Government, Taiwan	51.34%	43.28%	409
AS17713	NSYSU-TW National Sun Yat-sen University	35.27%	34.69%	1568
AS18042	KBT Koos Broadband Telecom	20.13%	20.13%	154
AS18177	NCKU-TW National Cheng Kung University	13.41%	12.20%	246
AS1659	ERX-TANET-ASN1 Taiwan Academic Network (TANet) Information C	13.30%	12.80%	39082
AS31972	EMGINECONCEPT-01 - Emagine Concept, Inc.	12.77%	0.00%	274
AS18420	NCU-TW National Central University	4.05%	4.05%	1876
AS17709	EBT Eastern Broadband Telecom Co.,Ltd	2.08%	2.08%	674
AS9916	NCTU-TW National Chiao Tung University	1.93%	1.88%	5805
AS9416	MULTIMEDIA-AS-AP Hoshin Multimedia Center Inc.	1.26%	0.00%	277964

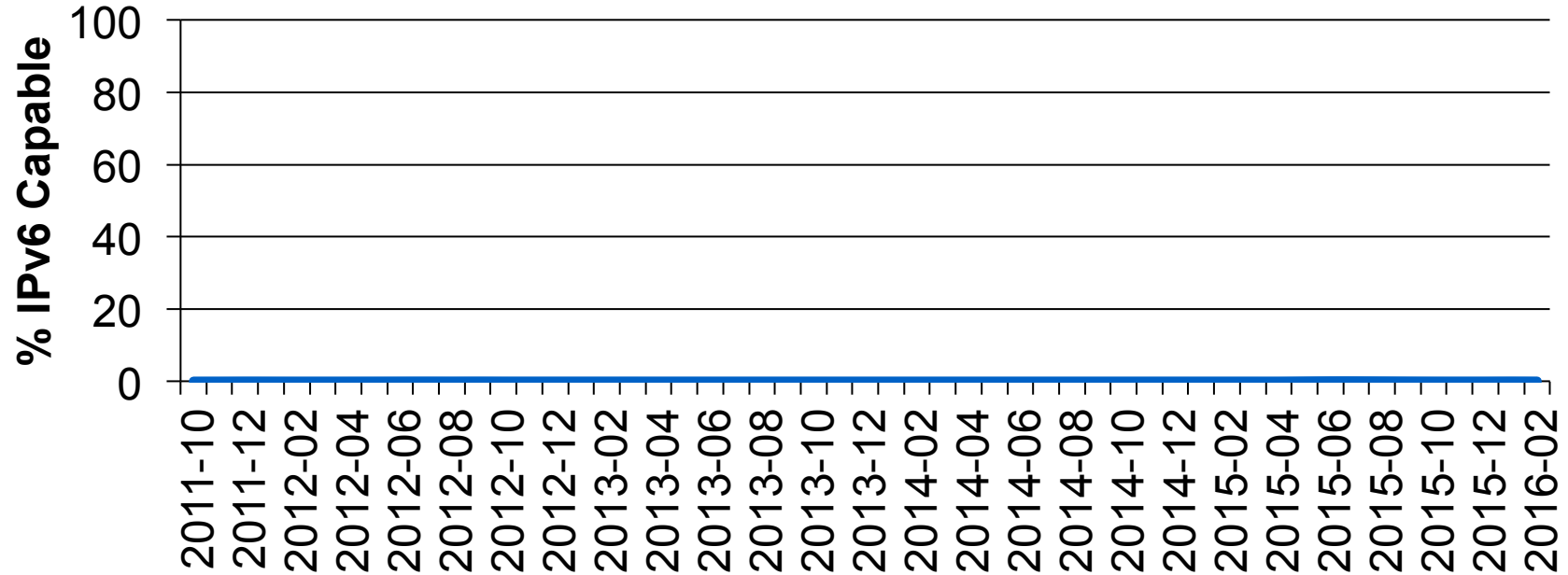


TW: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS3462	HINET Data Communication Business Group	0.15%	0.12%	4500037
AS17421	EMOME-TW Long Distance Mobile Business Group	0.02%	0.00%	589480
AS24158	TAIWANMOBILE-AS Taiwan Mobile Co., Ltd.	0.00%	0.00%	574623
AS9674	FET-TW Far EastTone Telecommunication Co., Ltd.	0.00%	0.00%	505151
AS9924	TFN-TW Taiwan Fixed Network, Telco and Network Service Provi	0.02%	0.00%	303502
AS4780	SEEDNET Digital United Inc.	0.10%	0.00%	301663
AS9416	MULTIMEDIA-AS-AP Hoshin Multimedia Center Inc.	1.26%	0.00%	277964
AS38841	KBRO-AS-TW kbro CO. Ltd.	0.02%	0.00%	235251
AS24164	YJL-MEDIATV-NET YEONG JIA LEH CABLE TV CO., LTD.	0.01%	0.00%	117156
AS18182	SONET-TW Sony Network Taiwan Limited	0.01%	0.00%	98433



IPv6 Capability: VN



VN: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45538	ODS-AS-VN Online data services	0.35%	0.12%	863
AS24173	NETNAM-AS-AP Netnam Company	0.05%	0.02%	8434
AS18403	FPT-AS-AP The Corporation for Financing Promoting Technology	0.05%	0.04%	3355875
AS45557	VNTT-AS-VN Vietnam Technology and Telecommunication JSC	0.02%	0.02%	4523
AS45543	SCTV-AS-VN SaiGon Tourist cable Television Company	0.02%	0.02%	336960
AS24176	NETNAMHCMC-AS-AP Branch of Netnam Company in Ho Chi Minh Cit	0.02%	0.00%	5453
AS131386	LVSS-AS-VN Long Van System Solution JSC	0.02%	0.00%	5791
AS45896	MOBIFONEGLOBAL-AS-VN Mobifone Global JSC	0.01%	0.00%	48563
AS7643	VNPT-AS-VN Vietnam Posts and Telecommunications (VNPT)	0.01%	0.00%	37945
AS7552	VIETEL-AS-AP Viettel Corporation	0.00%	0.00%	3611621

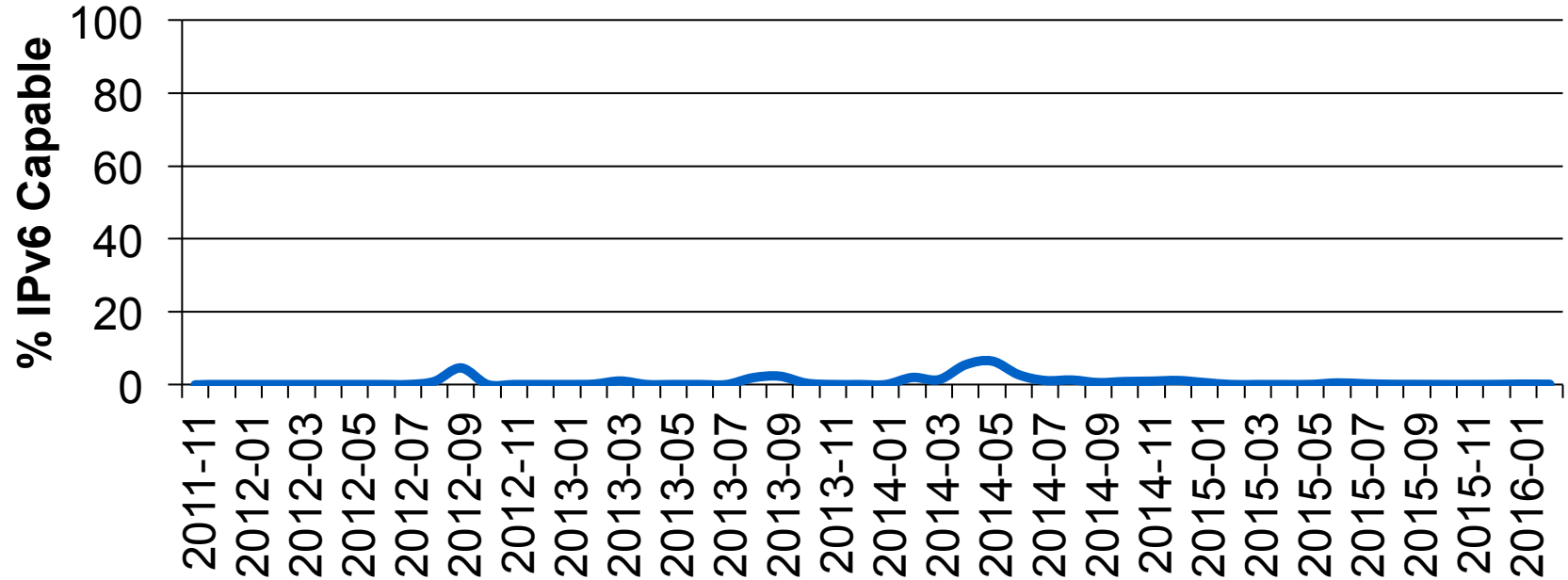


VN: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45899	VNPT-AS-VN VNPT Corp	0.00%	0.00%	7512695
AS7552	VIETEL-AS-AP Viettel Corporation	0.00%	0.00%	3611621
AS18403	FPT-AS-AP The Corporation for Financing Promoting Technology	0.05%	0.04%	3355875
AS24086	VIETTEL-AS-VN Viettel Corporation	0.00%	0.00%	1140239
AS131178	KINGCORP-AS-IX Opennet Internet Exchange	0.00%	0.00%	1121833
AS45903	CMCTI-AS-VN CMC Telecom Infrastructure Company	0.00%	0.00%	340064
AS45543	SCTV-AS-VN SaiGon Tourist cable Television Company	0.02%	0.02%	336960
AS7602	SPT-AS-VN Saigon Postel Corporation	0.00%	0.00%	83203
AS45896	MOBIFONEGLOBAL-AS-VN Mobifone Global JSC	0.01%	0.00%	48563
AS7643	VNPT-AS-VN Vietnam Posts and Telecommunications (VNPT)	0.01%	0.00%	37945



IPv6 Capability: VU



VU: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS45935	TELSAT-AS-AP Telsat Broadband Limited	0.46%	0.46%	3665
AS9249	VUTELECOM-AS01-VU-AP Telecom Vanuatu Limited	0.00%	0.00%	13580
AS132228	VANGOV-AS-AP Vanuatu Government	0.00%	0.00%	268
AS45355	DIGICELPACIFIC-1-AP Clarendon House	0.00%	0.00%	2209
AS131249	IDC-CSLOXINFO-AS-TH CS LOXINFO, Internet Data Center Service	0.00%	0.00%	2681

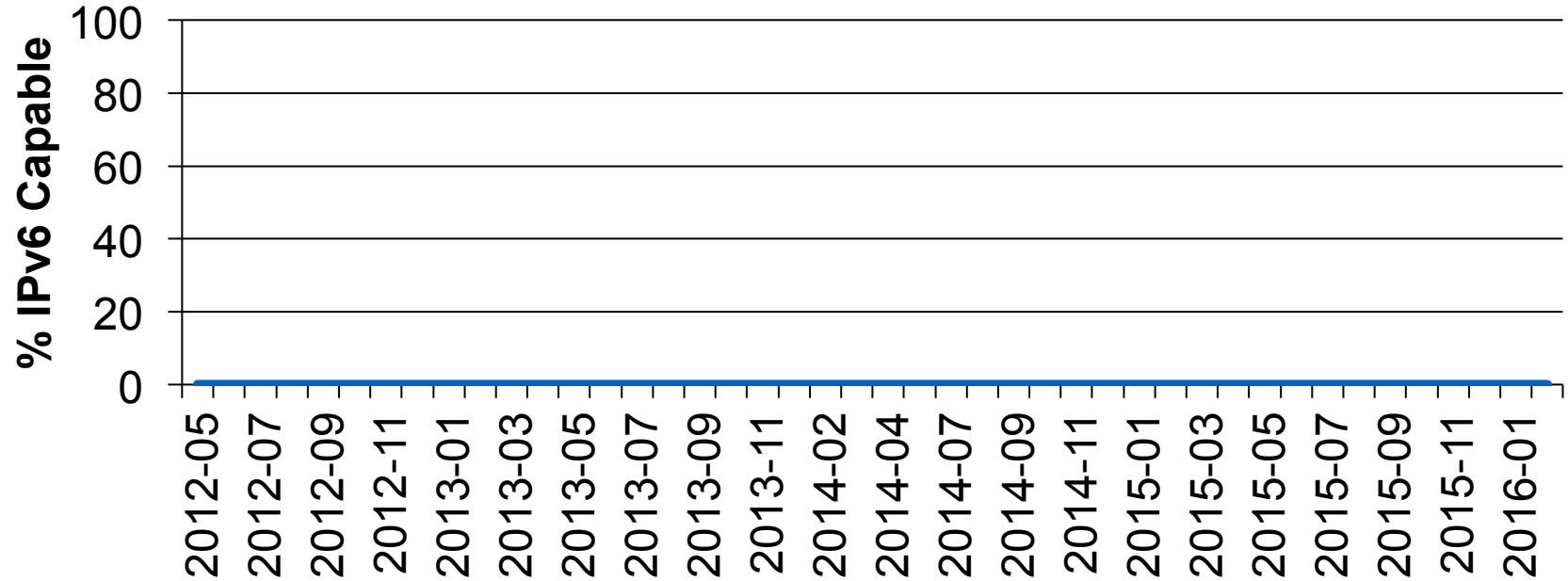


VU: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS9249	VUTELECOM-AS01-VU-AP Telecom Vanuatu Limited	0.00%	0.00%	13580
AS45935	TELSAT-AS-AP Telsat Broadband Limited	0.46%	0.46%	3665
AS131249	IDC-CSLOXINFO-AS-TH CS LOXINFO, Internet Data Center Service	0.00%	0.00%	2681
AS45355	DIGICELPACIFIC-1-AP Clarendon House	0.00%	0.00%	2209
AS132228	VANGOV-AS-AP Vanuatu Government	0.00%	0.00%	268



IPv6 Capability:WF



WF: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS38456	PACTEL-AS-AP Pacific Teleports.	0.00%	0.00%	3401

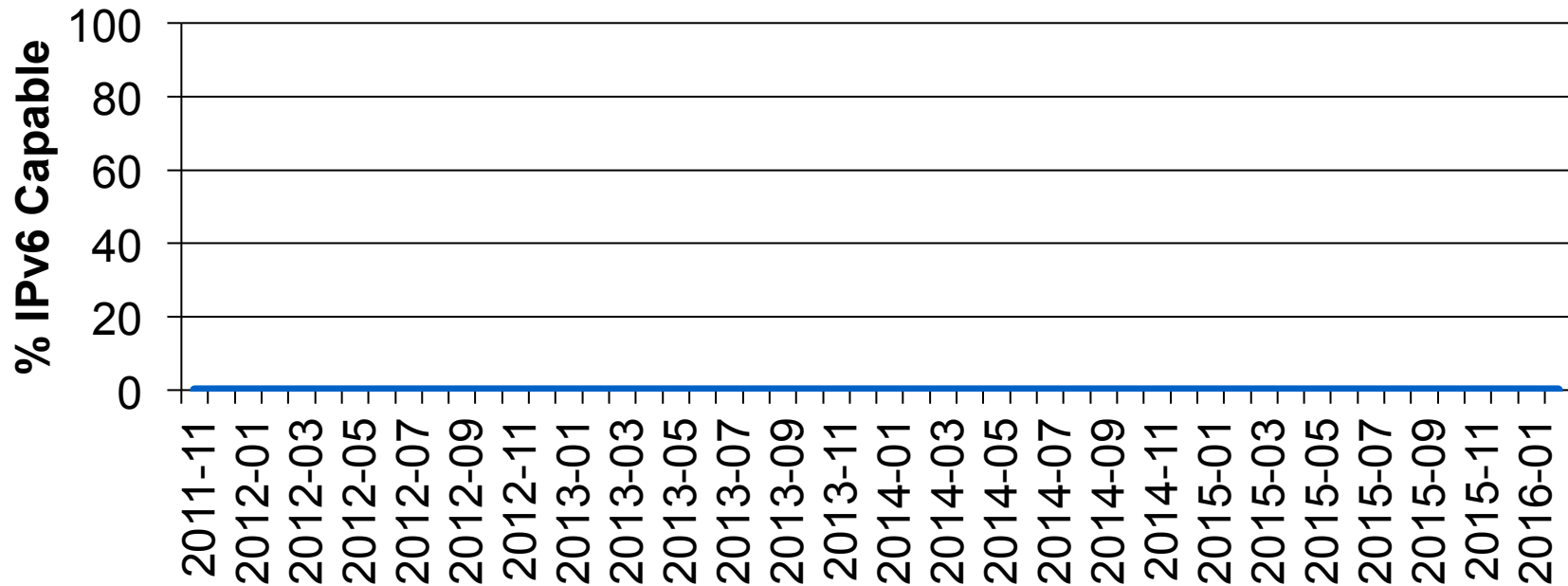


WF: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS38456	PACTEL-AS-AP Pacific Teleports.	0.00%	0.00%	3401



IPv6 Capability: WS



WS: top-10 by capability

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS38800	DIGICELSAMOA-WS-AS-AP Digicel Samoa Ltd	0.00%	0.00%	3872
AS17993	STEL-AS-AP SamoaTel Limited	0.00%	0.00%	2720
AS38227	CSLSAMOA-WS-AS-AP Computer Services Limited (CSL)	0.00%	0.00%	979



WS: top-10 by sample count

ASN	AS Name	IPv6 Capable	IPv6 Preferred	# Samples
AS38800	DIGICELSAMOA-WS-AS-AP Digicel Samoa Ltd	0.00%	0.00%	3872
AS17993	STEL-AS-AP SamoaTel Limited	0.00%	0.00%	2720
AS38227	CSLSAMOA-WS-AS-AP Computer Services Limited (CSL)	0.00%	0.00%	979

