



ICANN  
58

COPENHAGEN

11-16 March 2017

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COMMUNITY FORUM

By the Numbers

ICANN | PUBLIC MEETINGS

## What is an ICANN Public Meeting?

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ICANN Public Meetings provide the opportunity for an internationally diverse group of individuals and organizations to come together to discuss and develop policies for the Internet's naming systems.

ICANN's international meetings have been a staple of ICANN's multistakeholder bottom-up consensus-building model since its formation in 1998.

## Why do we publish technical data from ICANN Public Meetings?

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Just like any other event, ICANN meetings need to innovate, adapt and evolve to meet their purpose: to support ICANN's multistakeholder model. One of the challenges that conference organizers face is to improve the conference, meeting after meeting, and maximize attendees' engagement and satisfaction.

This is where meeting data comes into play. This data provides reliable information on what attendees want, what ICANN is doing well and where ICANN has opportunities to improve. By leveraging this data, we can be a stable and transparent organization that is responsive to our community's needs.

For ICANN58, beyond the graphs and charts, we have published the raw data for each area. One of our biggest challenges is to standardize the information that we collect to ensure that data is consistent. Over the past few meetings, we have automated the collection of data through improvements in the registration system and meeting management software. Ultimately, our goal is to continue to improve on our metrics and to provide our community with more valuable data.

If you would like to learn more about ICANN Meetings Technical Services or have questions about this technical report, please contact: [mts@icann.org](mailto:mts@icann.org).

## Where can I find more information about ICANN Public Meetings?

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Each meeting has a dedicated website that acts as a broad guide to the conference with details on the venue, information about the local area, a program of social events during the week, and answers to frequently asked questions about ICANN meetings.

To find out how to participate, go to <https://meetings.icann.org/en/about>.

To learn more about the Fellowship Program, go to <http://www.icann.org/en/fellowships>.

For a schedule of past and upcoming meetings, go to <http://meetings.icann.org/calendar>.

For the press page, go to <http://www.icann.org/en/press>.

If you belong to an organization that is interested in having an exhibit at a meeting or in sponsoring a meeting, please contact: [meeting-sponsorship@icann.org](mailto:meeting-sponsorship@icann.org).

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# ICANN58 By the Numbers

## Attendee Profile





# Attendee Profile

## Attendee Profile for Copenhagen, Denmark

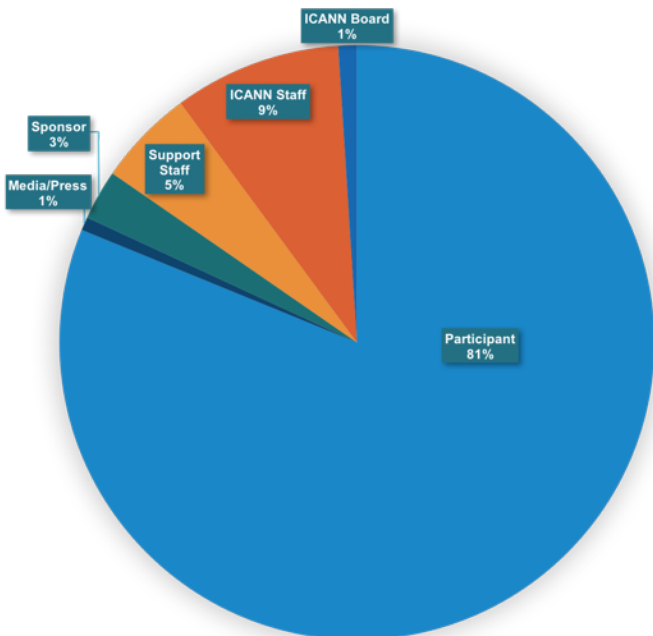
ICANN58 had 2,089 attendees, with 1,012 coming from the European region. Of those, 417 were attending an ICANN meeting for the first time.

ICANN Public Meetings are a central principle of ICANN's multistakeholder model because they provide a venue for advancing policy work, conducting outreach, exchanging best practices, conducting business deals, interacting with members of the ICANN community, and with ICANN Board and staff, and learning about ICANN.

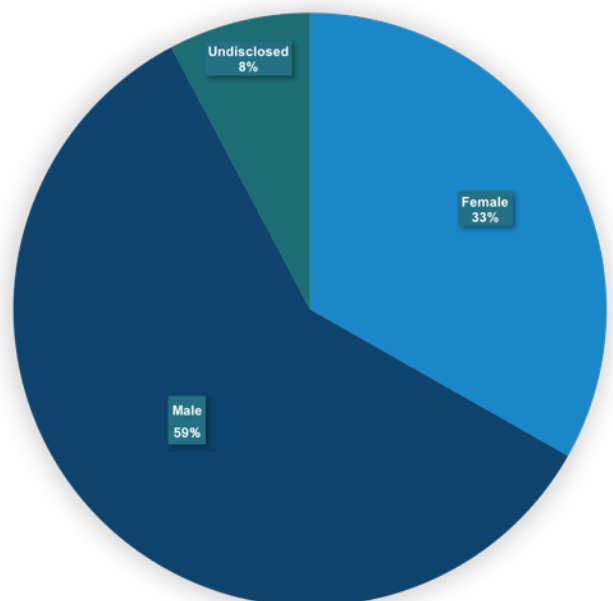
For this section, the attendee profile metrics are derived from data that users provided during the meeting registration process. Attendees were not required to answer all questions.



ICANN58 Attendee Profile by Badge Type

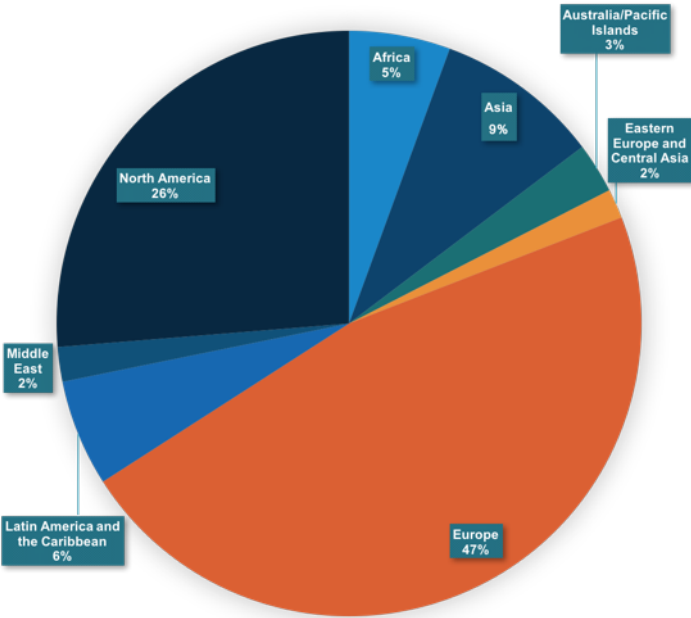


ICANN58 Attendee Profile by Gender

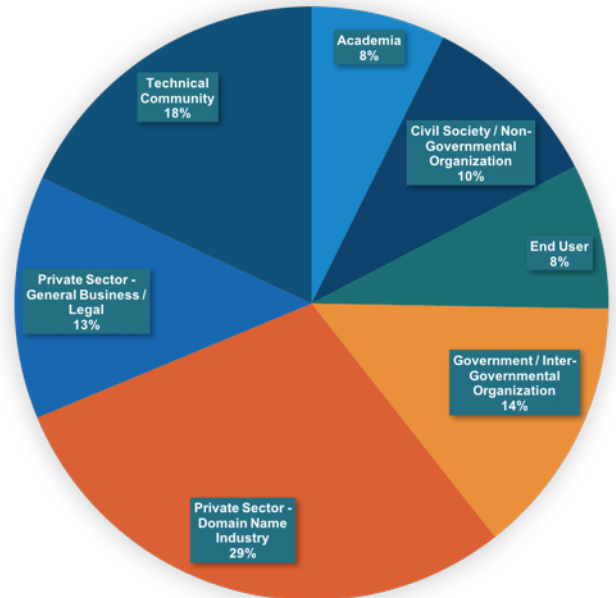


# Attendee Profile

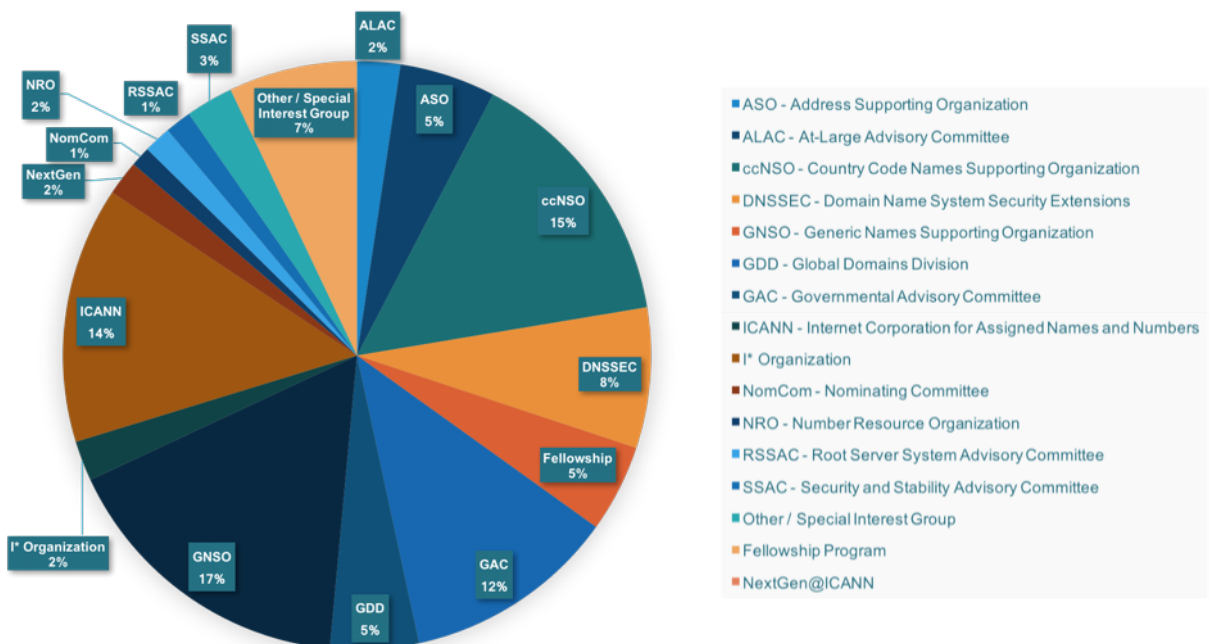
ICANN58 Attendee Profile by ICANN Regions



ICANN58 Attendee Profile by Stakeholder Classification



ICANN58 Attendee Profile by Groups of Interest



# Attendee Profile by Region

## Attendee Profile by ICANN Regions

Geographic diversity is fundamental to the ICANN organization. The ICANN Bylaws (Article VI, Section 5) currently define five geographic regions: Africa, Asia/Australia/Pacific, Europe, Latin America/Caribbean and North America.

The ICANN geographic regions were originally defined to ensure regional diversity in the composition of the ICANN Board. Subsequently, these definitions were also applied to the Generic Names Supporting Organization (GNSO), At-Large Advisory Committee (ALAC) and the Country Code Names Supporting Organization (ccNSO).

The attendee profile metrics for ICANN58 are derived from data that users provided during the meeting registration process.

Selections are based on the five ICANN geographic regions shown on the map below.

### North America

549 attendees



### Europe

1,012 attendees



### Latin America/ Caribbean

123 attendees



### Africa

117 attendees



### Asia/Australia/ Pacific

288 attendees



# Africa: Regional Attendee Profile

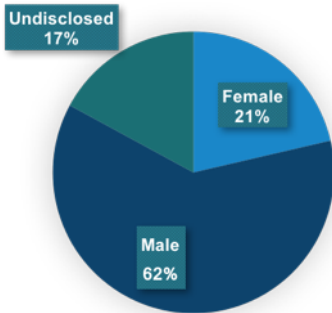
## Attendee Profile for Africa



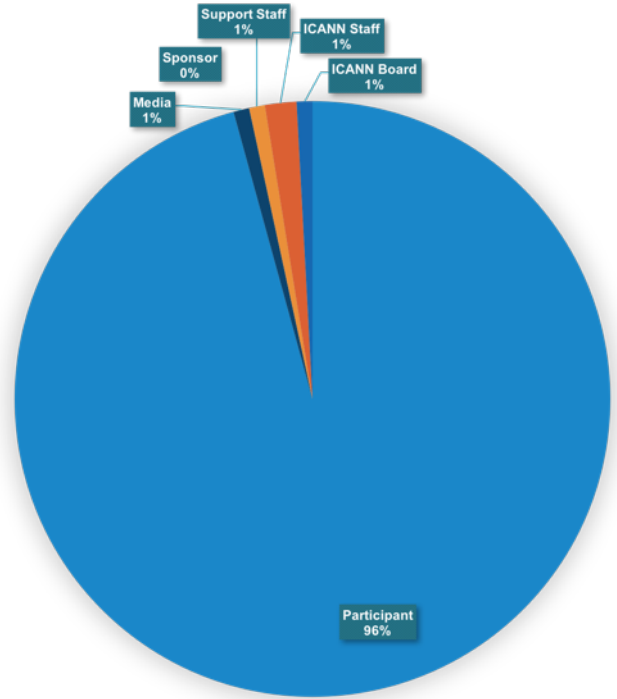
The attendee profile metrics for ICANN58 are derived from data that users provided during the meeting registration process.

**117 Regional Participants**  
**24 Newcomers**

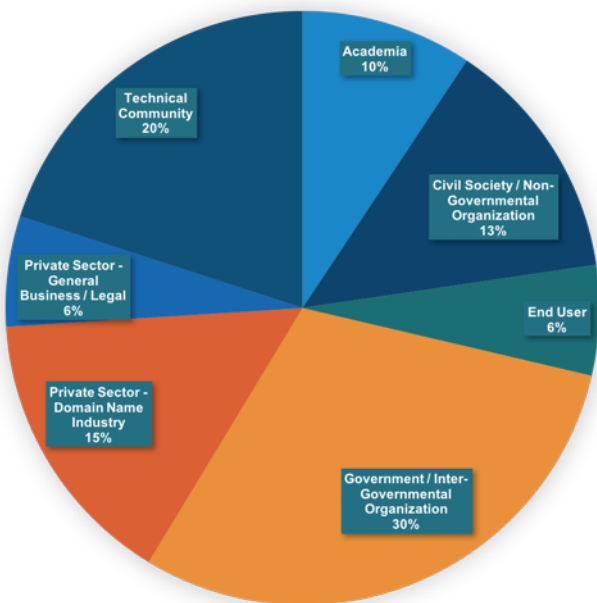
### ICANN58 African Region Attendee Profile by Gender



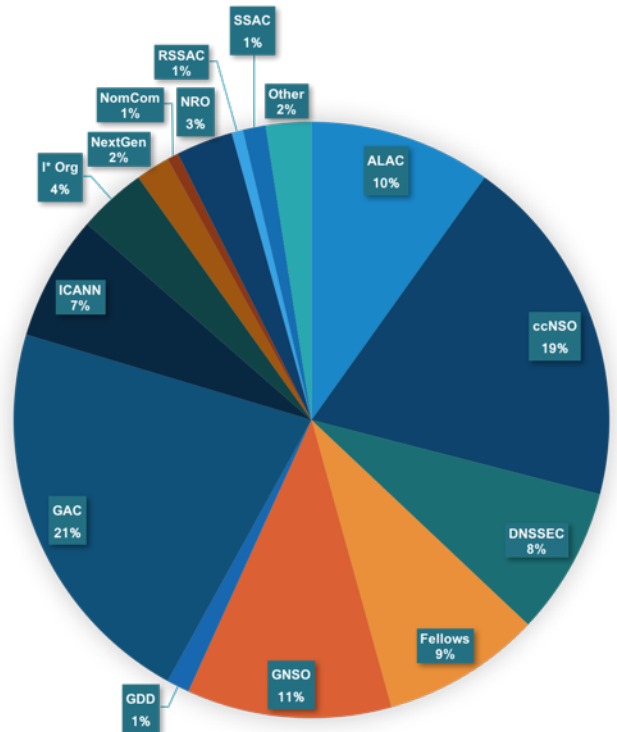
### ICANN58 African Region Attendee Profile by Badge Type



### ICANN58 African Region Attendee Profile by Stakeholder Classification



### ICANN58 African Region Attendee Profile by Groups of Interest



# Asia/Australia/Pacific: Regional Attendee Profile

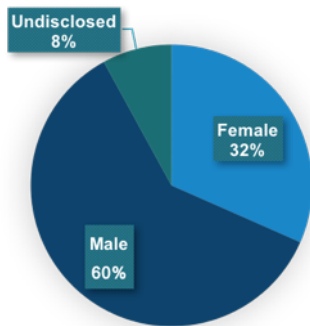


## Attendee Profile for Asia, Australia and the Pacific

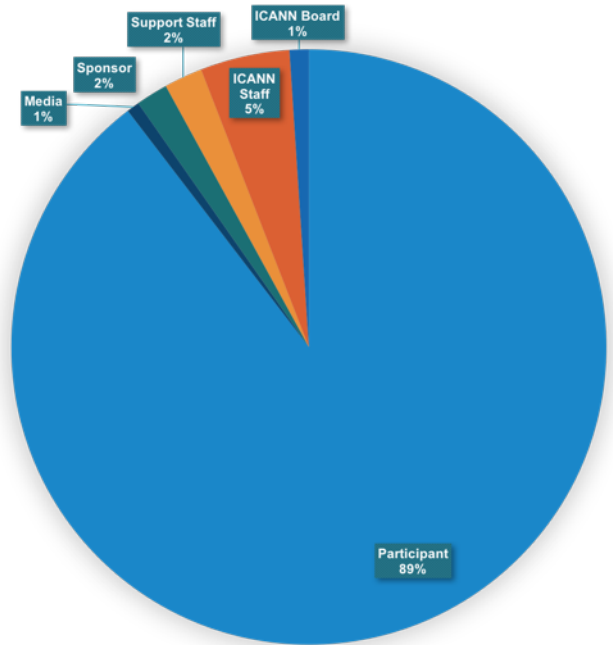
The attendee profile metrics for ICANN58 are derived from data that users provided during the meeting registration process.

**288 Regional Participants**  
**76 Newcomers**

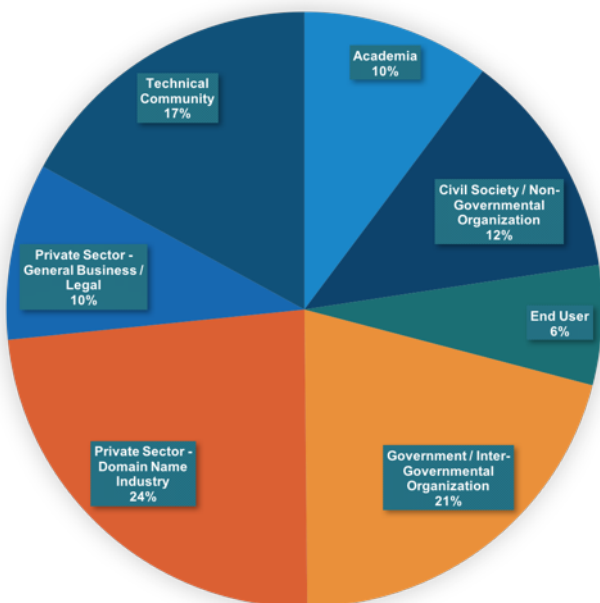
### ICANN58 Asian/Australian/Pacific Region Attendee Profile by Gender



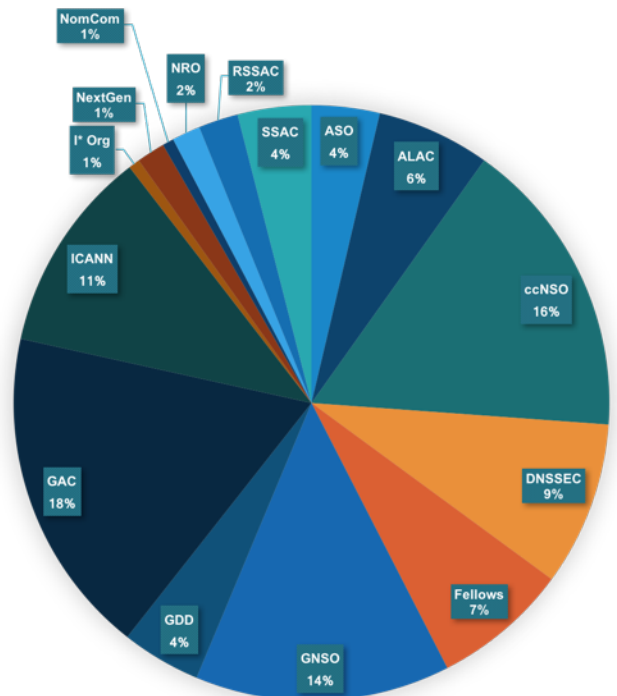
### ICANN58 Asian/Australian/Pacific Region Attendee Profile by Badge Type



### ICANN58 Asian/Australian/Pacific Region Attendee Profile by Stakeholder Classification



### ICANN58 Asian/Australian/Pacific Region Attendee Profile by Groups of Interest





# Europe: Regional Attendee Profile

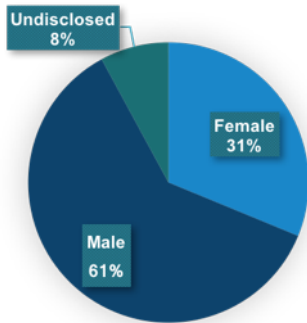


## Attendee Profile for Europe

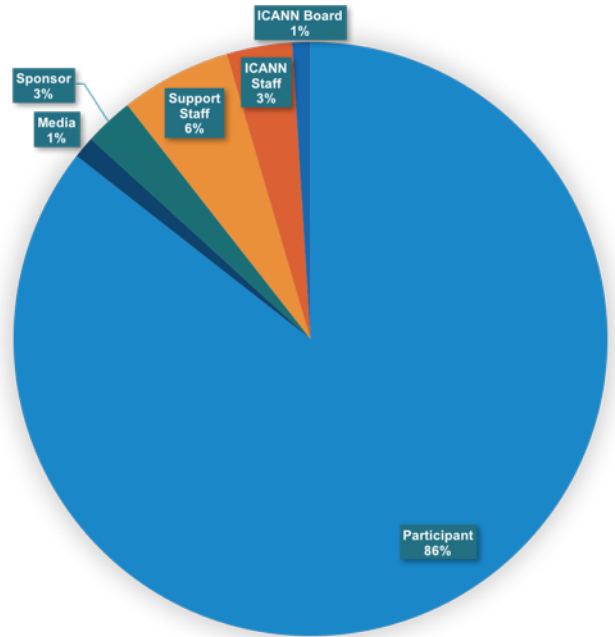
The attendee profile metrics for ICANN58 are derived from data that users provided during the meeting registration process.

**1,012 Regional Participants**  
**417 Newcomers**

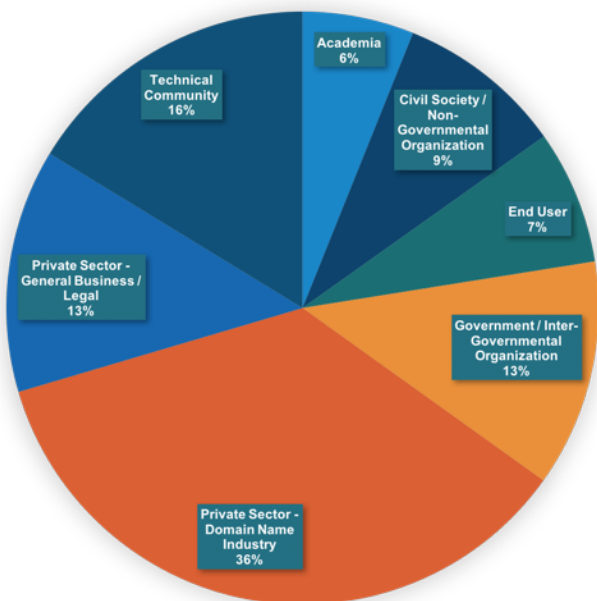
### ICANN58 European Region Attendee Profile by Gender



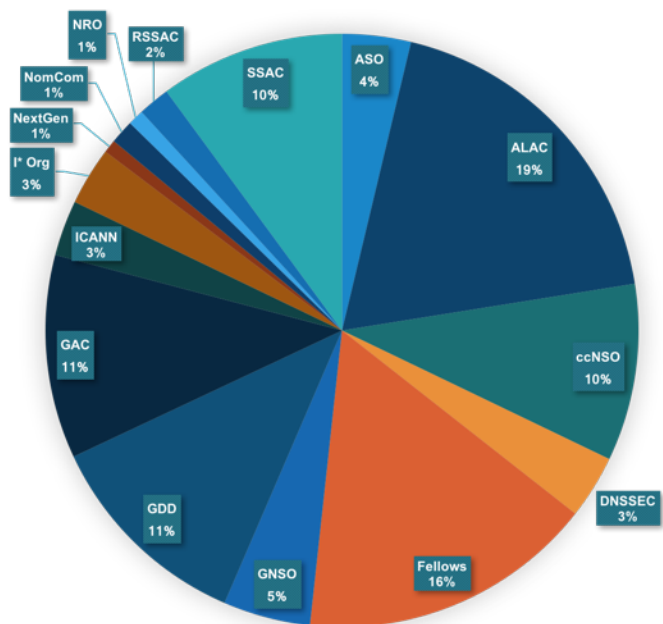
### ICANN58 European Region Attendee Profile by Badge Type



### ICANN58 European Region Attendee Profile by Stakeholder Classification



### ICANN58 European Region Attendee Profile by Groups of Interest



# Latin America/Caribbean: Regional Attendee Profile

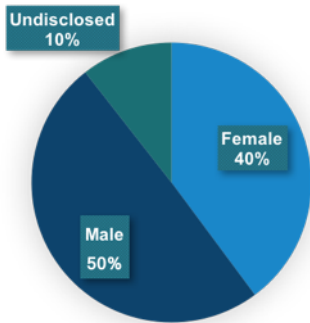
## Attendee Profile for Latin America and Caribbean Islands



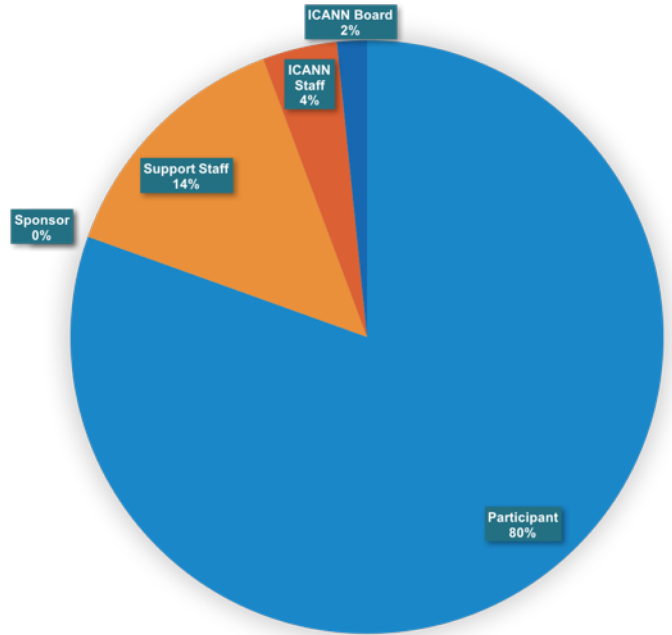
The attendee profile metrics for ICANN58 are derived from data that users provided during the meeting registration process.

**123 Regional Participants**  
**25 Newcomers**

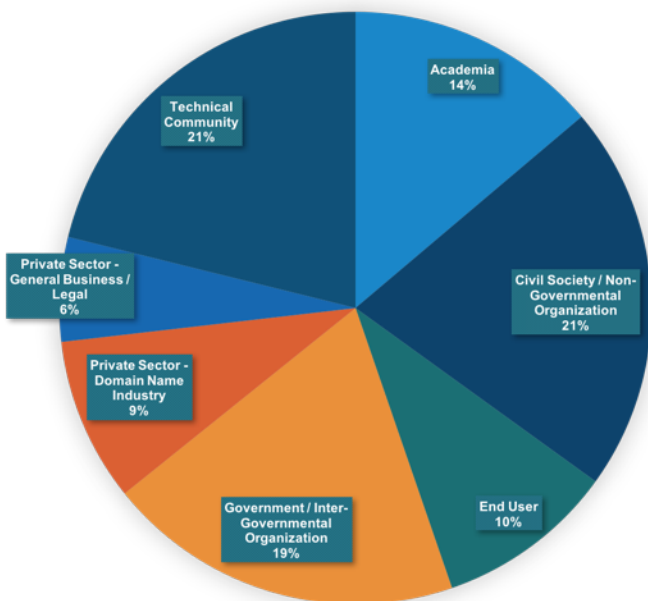
### ICANN58 Latin American/Caribbean Region Attendee Profile by Gender



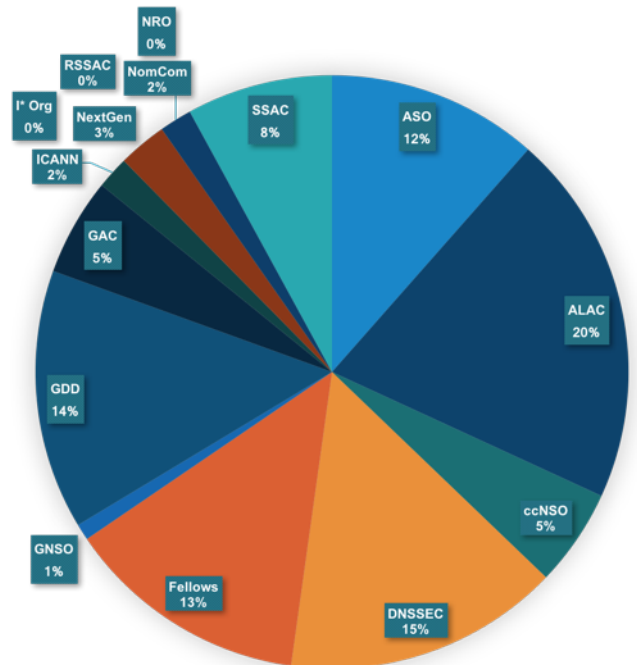
### ICANN58 Latin American/Caribbean Region Attendee Profile by Badge Type



### ICANN58 Latin American/Caribbean Region Attendee Profile by Stakeholder Classification



### ICANN58 Latin American/Caribbean Region Attendee Profile by Groups of Interest



# North America: Regional Attendee Profile

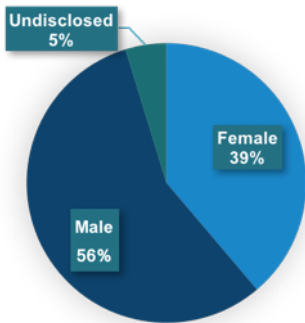
## Attendee Profile for North America

The attendee profile metrics for ICANN58 are derived from data that users provided during the meeting registration process.

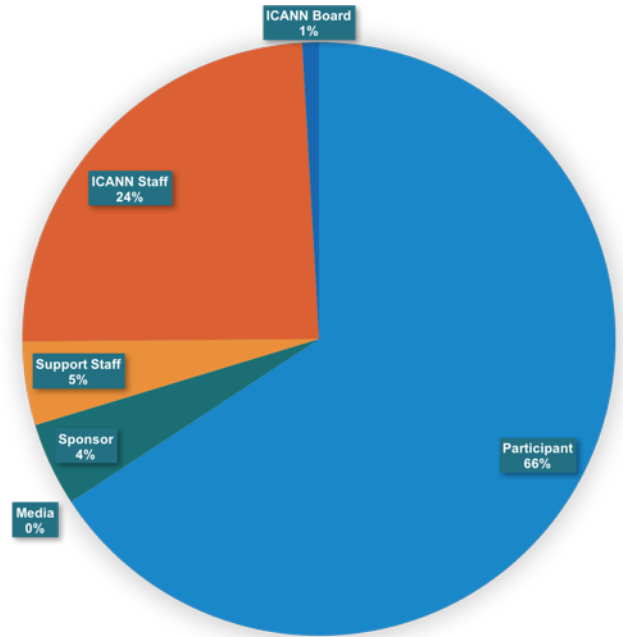


**549 Regional Participants**  
**98 Newcomers**

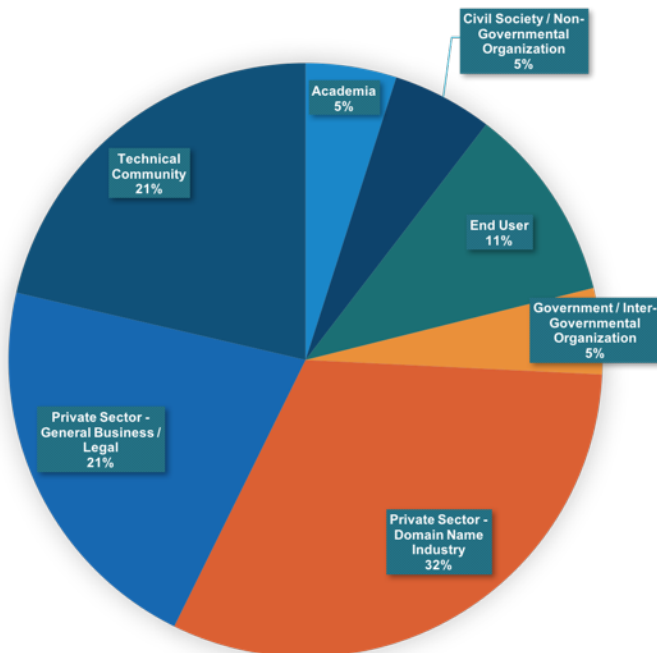
### ICANN58 North American Region Attendee Profile by Gender



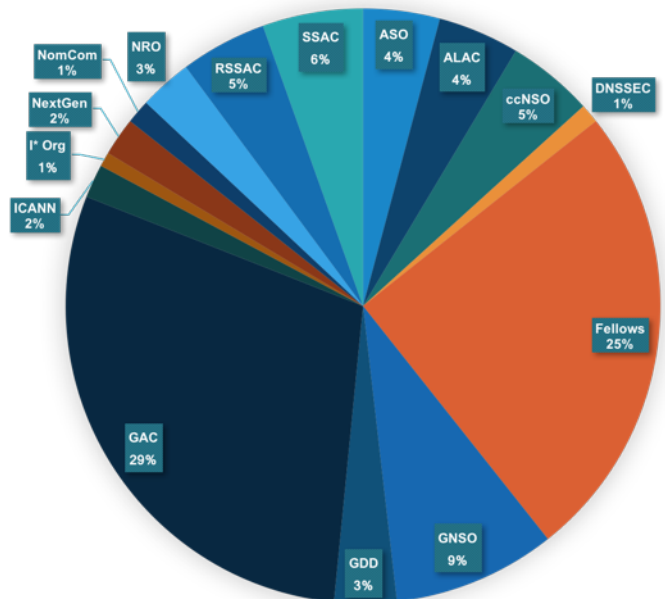
### ICANN58 North American Region Attendee Profile by Badge Type



### ICANN58 North American Region Attendee Profile by Stakeholder Classification



### ICANN58 North American Region Attendee Profile by Groups of Interest



# ICANN58 By the Numbers

## Session Statistics



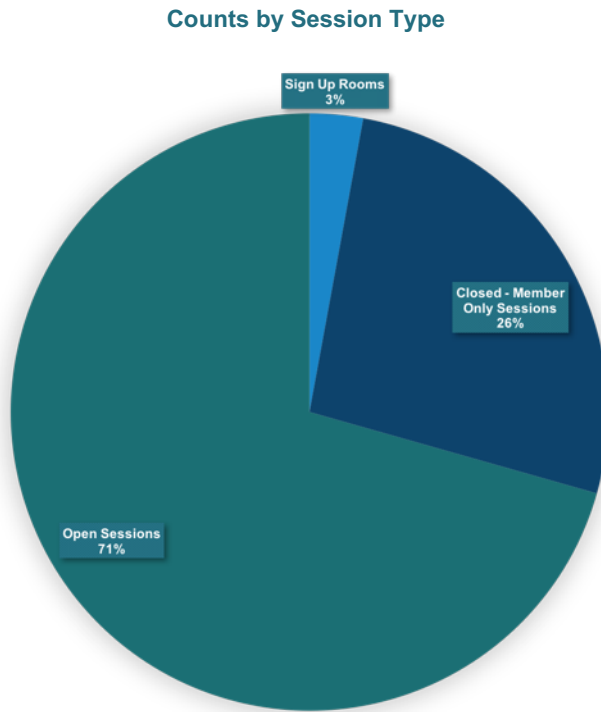
# Session Statistics

## Session Statistics for Copenhagen, Denmark

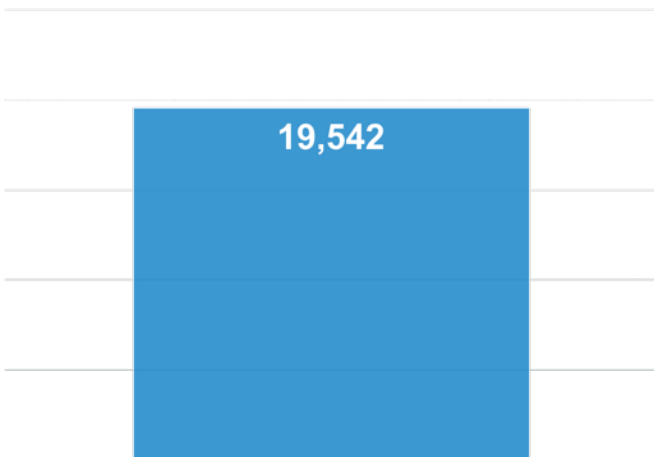
Each “type” of session has a different structure and purpose:

- Open sessions are open to everyone, and are supported with remote participation tools for additional outside participation.
- Closed sessions are typically open only to members of a specific group, and may have limited remote participation.
- Sign Up Rooms are on-site impromptu meetings, held in session rooms that have open time slots.

This chart breaks down meetings conducted by session type.

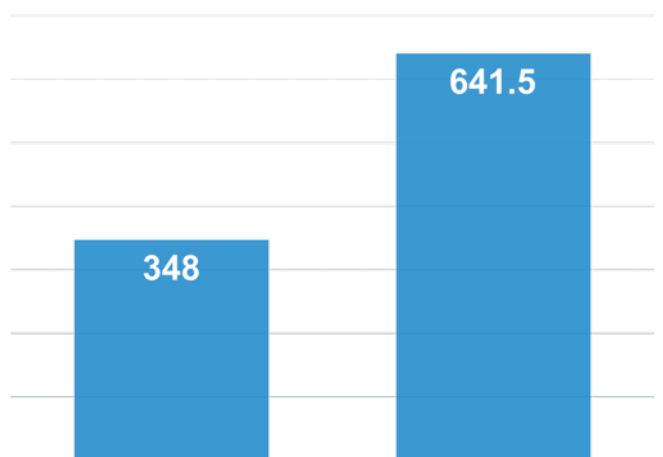


### Actual Attendance for All Sessions



Based on Hourly Counts of Session Rooms

### Session Count and Session Hours



TOTAL SESSION COUNTS

TOTAL SESSION HOURS



## Session Statistics

### Session Attendance – Top 50 Sessions

This list ranks the top 50 sessions based on attendance. The attendance number comes from midsession manual headcounts done every hour. The count includes only people who were physically present in the session room at the time of the count.

Session Title	Wireless Clients
1 ICANN58 Opening Ceremony	1,070
2 Public Forum 1	856
3 Public Forum 2	684
4 Cross-Community Discussion with Data Protection Commissioners	525
5 Open Q&A with ICANN Organization Executive Team	477
6 Joint Meeting: ICANN Board & Governmental Advisory Committee (GAC)	443
7 ICANN Public Board Meeting	432
8 Joint Meeting: ICANN Board & Contracted Party House (CPH)	431
9 Cross-Community Session: Towards Effective DNS Abuse Mitigation: Prevention, Mitigation & Response	399
10 Joint Meeting: GAC and ccNSO	396
11 Joint Meeting: ICANN Board & Security & Stability Advisory Committee	393
12 Joint Meeting: GAC & GNSO	391
13 GAC meeting on the Registry Directory Services	347
14 Joint Meeting: ICANN Board & Commercial Stakeholders Group	345
15 GAC discussion on New gTLDs Policies (continued)	323
16 GAC meeting with the Registrar Stakeholder Group (RrSG)	313
17 Joint Meeting: ICANN Board & Root Server System Advisory Committee (RSSAC)	306
18 Joint Meeting: ICANN Board & ccNSO	304
19 GAC: CCWG Accountability Work Stream 2 & GAC Discussion	295
20 GAC PSWG presentation to GAC Plenary	292
21 GAC discussion on new gTLDs Policies (continued)	291
22 GAC Human Rights and International Law Working Group presentation to GAC Plenary	291
23 Briefing to the GAC from ICANN Contractual Compliance	284
24 Contractual Compliance Program Updates and Q&A Session	283
25 GAC Working Group on the Protection of Geographic Names presentation to GAC Plenary	281
26 GAC Opening Plenary	278
27 GAC Implementation of new ICANN Bylaws (2)	278
28 GNSO Joint Meeting Registries and Registrar Stakeholder Groups	278
29 GAC briefing from the GAC CCT Review Team representatives	277
30 Joint Meeting: ICANN Board & At-Large	271
31 GAC Meeting: Council of Europe Data Protection Commissioners	269
32 Joint Meeting: ICANN Board & Non-Commercial Stakeholders Group	269
33 GAC Independent Secretariat	265
34 Tech Day (Part 1)	260
35 GAC Meeting with GeoTLD Group	259
36 GAC Update: IGO and Red Cross Protections	257
37 GAC Discussion: Managing Confidential Internal Documents	251
38 Joint Meeting: GAC and ALAC	248
39 Board GAC Recommendation Implementation Working Group presentation to GAC Plenary	245
40 GAC Communiq@ Drafting	244
41 GAC discussion on the IANA Customer Standing Committee	241
42 ICANN GDD: New gTLD Program Reviews	240
43 ccNSO Members Meeting - Day 1 (Part 2)	235
44 GAC preparation for meeting with the Board	233
45 Newcomer Day	230
46 ccNSO Members Meeting - Day 1 (Part 1)	224
47 GAC Public Safety Working Group Meeting (1)	219
48 GNSO Registries Stakeholder Group Membership Meeting	214
49 GAC next steps - planning for ICANN 59	213
50 GAC Participation in NomCom Working Group presentation to GAC Plenary	208

# ICANN58 By the Numbers

## Mobile App Statistics



# Mobile App Statistics

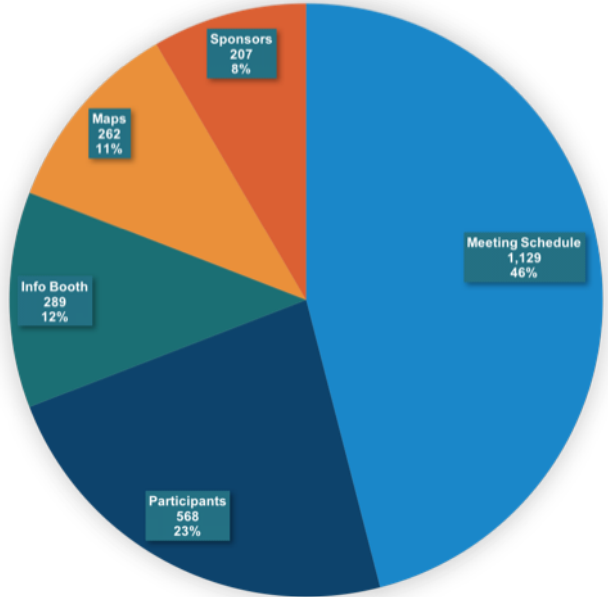
Mobile App | [meetingapp.icann.org](http://meetingapp.icann.org)

The charts on this page show the ICANN meeting mobile app usage. We provided the first mobile app in a beta state for ICANN54 in Dublin, Ireland. The ICANN58 mobile app was the fifth iteration, and was available in the various app stores.

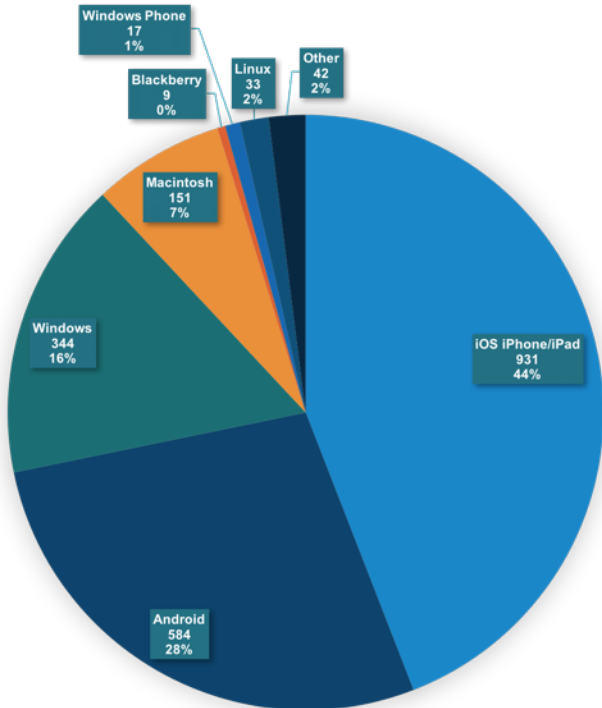
ICANN will continue to enhance the participants' mobile app experience.



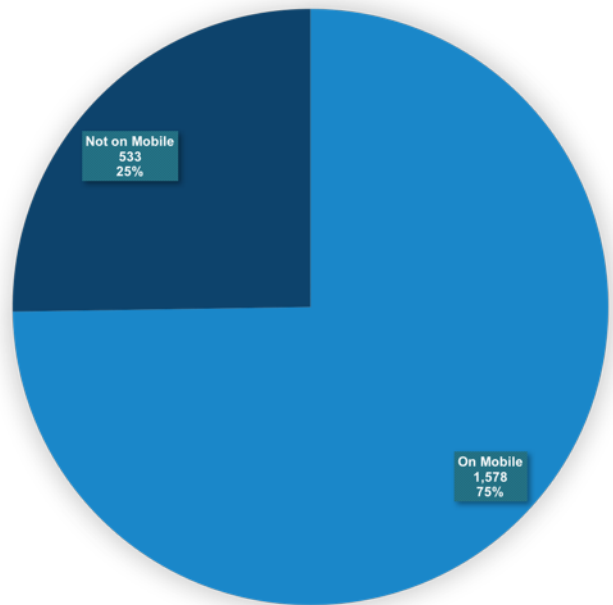
## Top Viewed Modules



## Mobile App Usage by Device

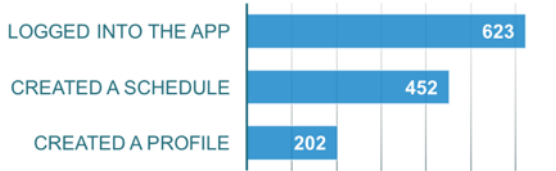


## Mobile vs. Desktop Usage

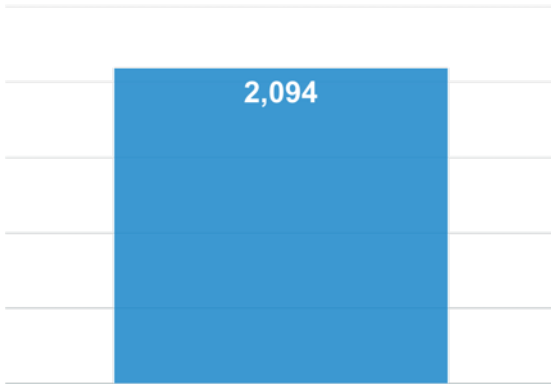


# Mobile App Statistics

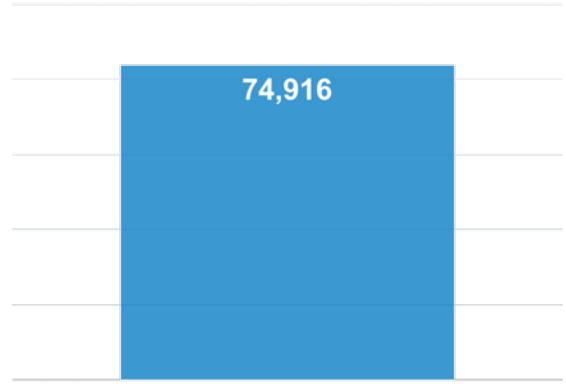
## Mobile App Attendee Interaction



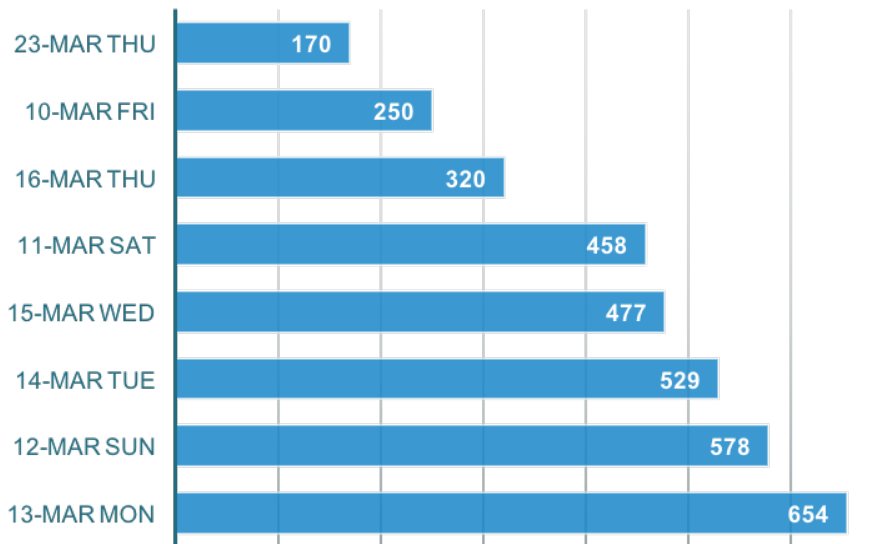
## Total Unique Visitors



## Total Page Views



## Unique Visitors by Day



# ICANN58 By the Numbers

## Schedule Website Statistics





# Schedule Website Statistics

Schedule Website | [schedule.icann.org](http://schedule.icann.org)

For ICANN58, we used the SCHED platform for the third time, improving on the automated posting of the ICANN meeting schedule. The effort involved integration with ICANN's internal Event Management Software system database, eliminating hundreds of hours of manual data transfer.

ICANN will continue to enhance the user experience with the schedule website.

Schedule Website Quick Stats

Attendees Logged In

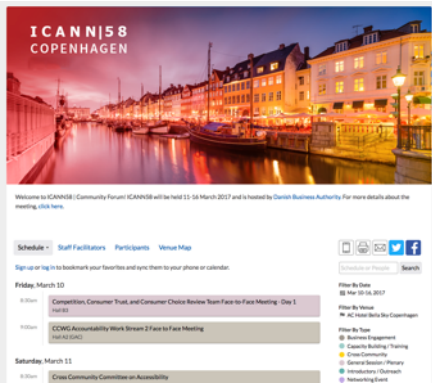
**816**

Schedules Created

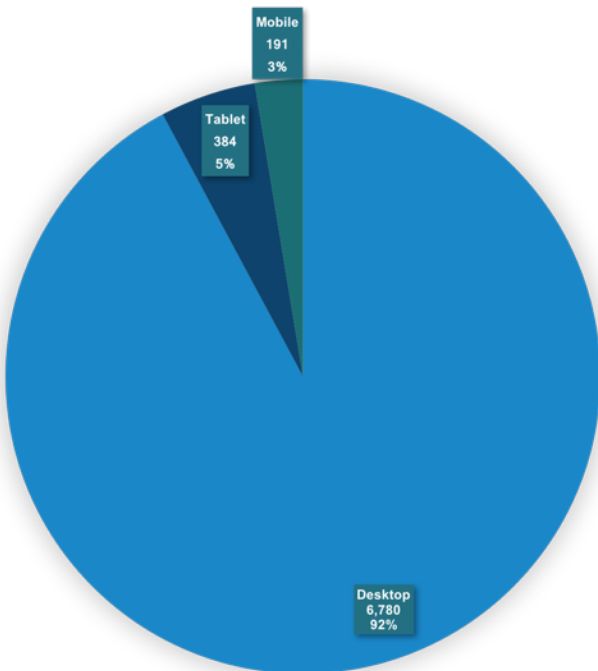
**616**

Page View Engagement < 8 min

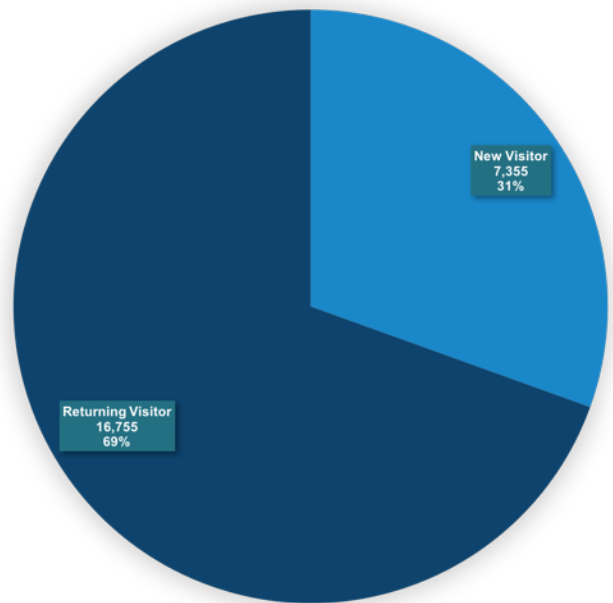
**53%**



Schedule Website Usage By Device Category



Schedule Website Traffic Type



# Schedule Website Statistics

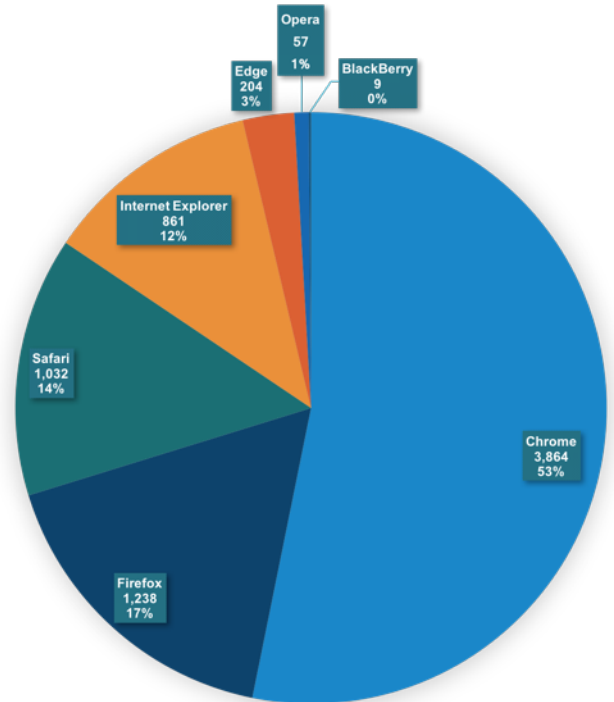
Schedule Website | [schedule.icann.org](http://schedule.icann.org)

Before a meeting, the website includes language streaming links, remote participation links and presentations. Shortly after a session concludes, the audio recording links are automatically posted.

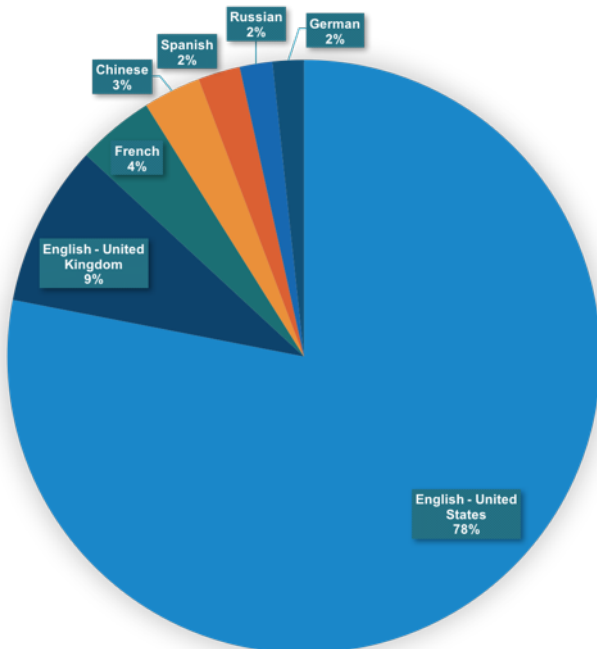
The Meetings Technical Services (MTS) team digitally tests all audio recordings before they are posted. Periods of dead air are removed so listeners don't have to fast-forward through gaps in a recording. When MTS completes this process, the Language Services Department processes and posts the associated transcripts.



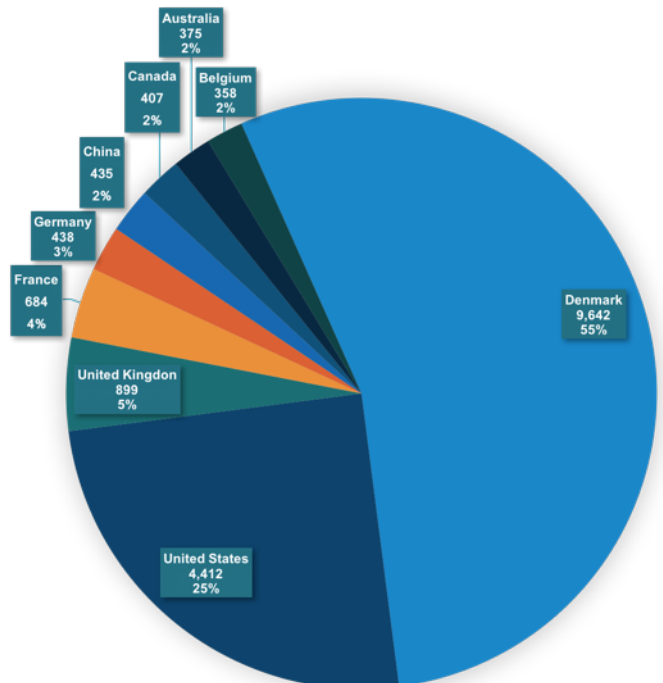
Schedule Website Usage by Browser



Schedule Website Users by Language



Schedule Website Top Usage by Country



# Schedule Website Statistics

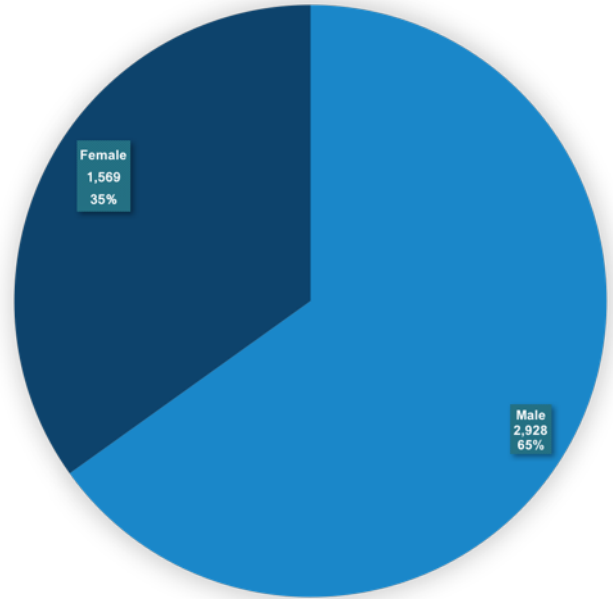
## Schedule Website | [schedule.icann.org](https://schedule.icann.org)

The use of Google Analytics permits ICANN to analyze data from [schedule.icann.org](https://schedule.icann.org) in one place, allowing for a deeper understanding of the ICANN communities' experience with the schedule website.

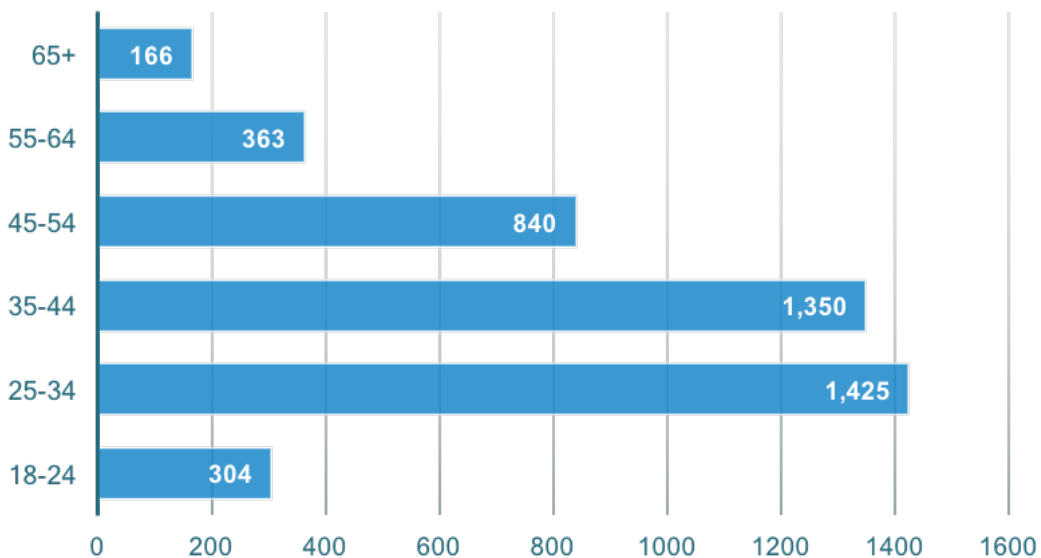
Google Analytics collects information about demographics and interests available in browser cookies. It uses Android or iOS Advertising IDs to generate identifiers that include information about demographics and gender. This data is summarized with data sampling and infers the characteristics of an individual visitor. For more information on Google Analytics, visit <https://support.google.com/analytics/>



## Schedule Website Demographics by Gender



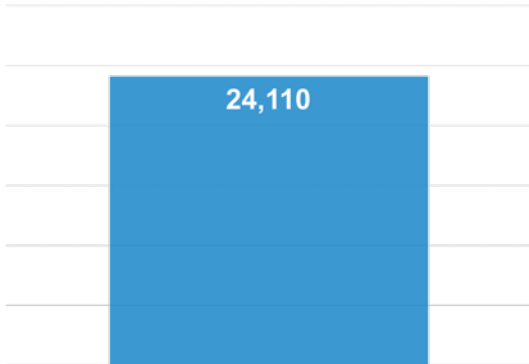
## Schedule Website Demographics by Age



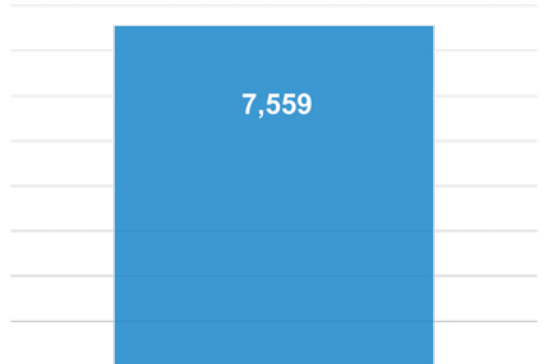
# Schedule Website Statistics



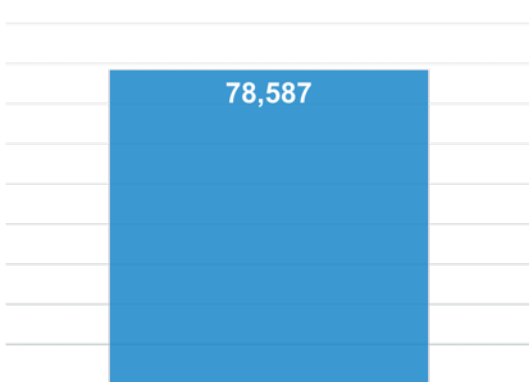
Schedule Website Total Sessions



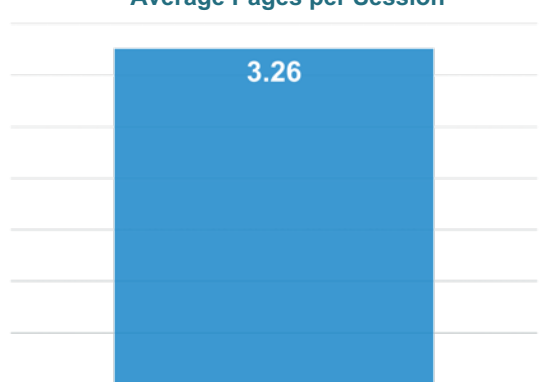
Schedule Website Total Users



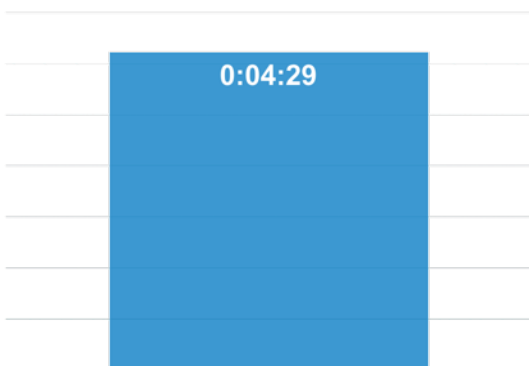
Schedule Website Total Page views



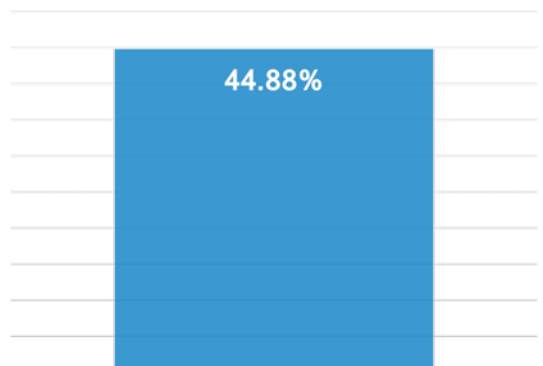
Schedule Website Average Pages per Session



Schedule Website Average Session Duration [H:MM:SS]



Schedule Website Average Bounce Rate



# ICANN58 By the Numbers

## Remote Participation Statistics





# Remote Participation

## Remote Participation

A very important facet of ICANN meetings is remote participation. This section presents metrics related to the services provided on-site during meetings.

### Services Provided:

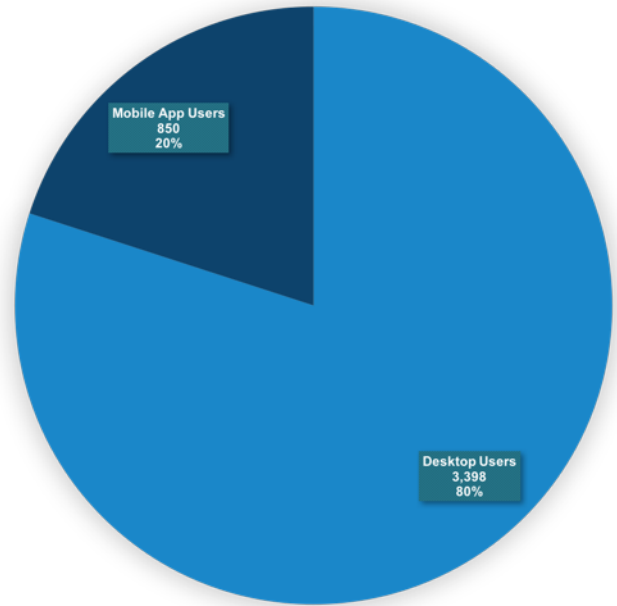
**Adobe Connect** – Visual platform with presentations, participant chat, video of session room and other tools. Recordings of meetings are posted after the session concludes. A mobile app version is also available on app stores.

**Video Streaming** – Video and audio streamed live to Livestream.com, primarily for High Interest Topic sessions.

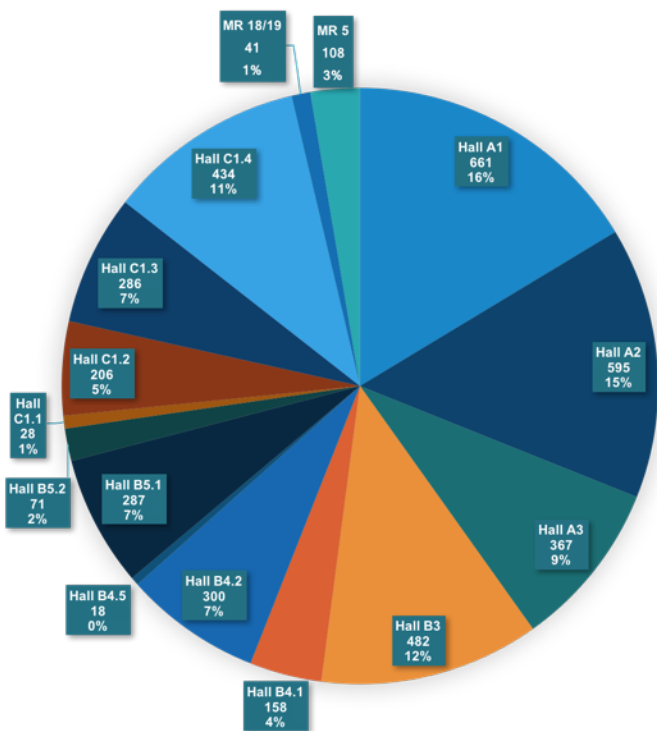
**Audio Streaming** – MP3 audio links for all languages available for a session, giving participants a choice of language. There are high quality streams for participants with broadband connections, and a low bandwidth stream for those with limited connectivity.

**Scribing** – Closed captioning is a live stream of text transcribed from the session’s audio, and is available in English for several sessions.

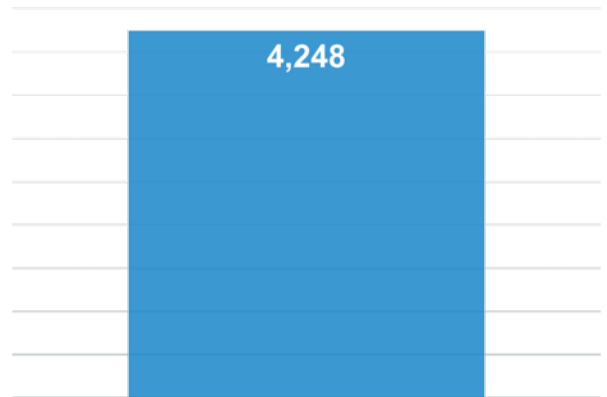
Adobe Connect  
Total Unique Participants



Adobe Connect  
Unique Users by Session Room



Adobe Connect  
Total Unique Participants



This count includes participants connected on-site to Adobe Connect. For ICANN59, we hope to improve the breakdown of this data to include on-site participants vs. remote participants.

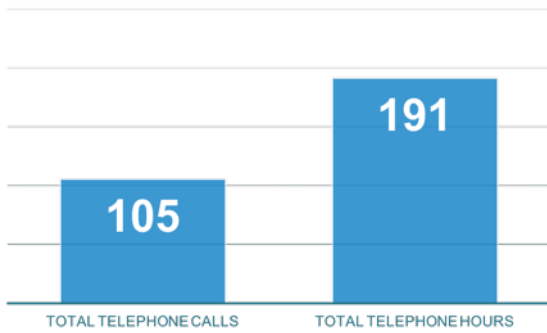
# Remote Participation

Total Recorded Audio Hours of Meetings

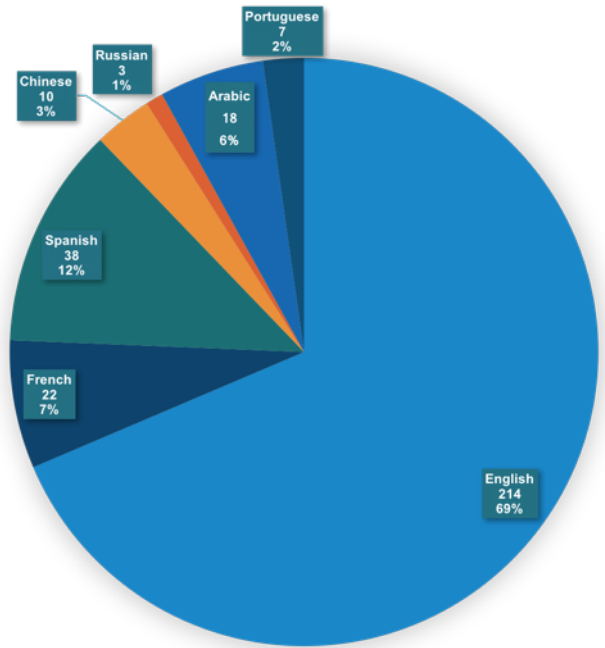
# 1,060 Hours



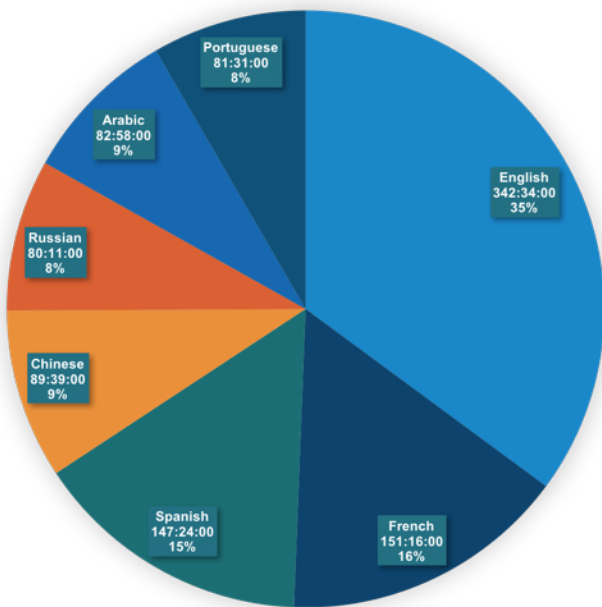
Total Telephone Calls & Hours



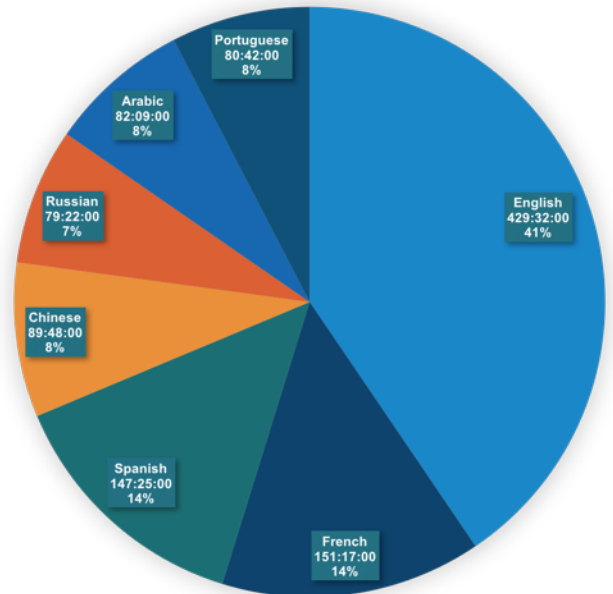
Total Streaming Audio Listeners by Language



Total Streaming Audio Hours [HH:MM:SS] by Language



Total Recorded Audio Hours [HH:MM:SS] by Language



# Remote Participation

## Remote Participation – Top 100 Sessions

This list ranks the top 100 sessions based on the peak count of listeners to the web audio stream. All open sessions provide web audio streams. “-” denotes that a specific language was not available for a session. “0” denotes that a specific language had no listeners during the noted session. These numbers reflect the combined number of listeners for both the high-bandwidth and low-bandwidth audio stream.

Session Title	Web Audio Stream Listeners by Language						
	English	French	Spanish	Chinese	Russian	Portuguese	Arabic
1 ICANN58 Opening Ceremony	8	2	1	2	0	1	1
2 Public Forum 1	7	2	1	0	0	0	1
3 Public Forum 2	7	0	0	0	0	1	1
4 Cross-Community Discussion with Data Protection Commissioners	6	2	0	0	1	0	0
5 Emerging Identifiers Technology	6	--	--	--	--	--	--
6 Competition, Consumer Trust, and Consumer Choice Review Team Face-to-Face Meeting - Day 2	5	--	--	--	--	--	--
7 GNSO Non-Commercial Stakeholder Group (NCSG) Meeting	5	--	--	--	--	--	--
8 Joint Meeting: ICANN Board & Governmental Advisory Committee (GAC)	5	0	1	0	0	0	0
9 CCWG Accountability Work Stream 2 Face to Face Meeting	4	--	--	--	--	--	--
10 Joint Meeting: GAC & GNSO	4	0	1	0	0	0	0
11 How It Works: Root Server Operations	4	--	--	--	--	--	--
12 Joint Meeting: ICANN Board & At-Large	4	1	0	0	0	0	0
13 GNSO New gTLD Subsequent Procedures Policy Development Process Working Group Meeting	3	--	--	--	--	--	--
14 GNSO Working Session	3	--	--	--	--	--	--
15 Newcomer Day	3	0	0	0	0	0	1
16 How It Works: DNS Fundamentals	3	0	0	--	--	--	--
17 ICANN GDD: UASG Workshop	3	--	--	--	--	--	--
18 NextGen Presentations	3	1	0	--	--	--	--
19 Tech Day (Part 1)	3	--	--	--	--	--	--
20 Africa Strategy Update	3	1	--	--	--	--	0
21 GAC Meeting: Council of Europe Data Protection Commissioners	3	0	1	1	1	0	1
22 GAC PSWG presentation to GAC Plenary	3	0	0	0	0	0	0
23 GAC Participation in NomCom Working Group presentation to GAC Plenary	3	0	1	1	0	0	0
24 Joint Meeting: ICANN Board & Non-Commercial Stakeholders Group	3	0	0	0	0	0	0
25 APAC Space	3	--	--	--	--	--	--
26 GAC Communiqul© Drafting	3	0	1	0	0	0	1
27 ICANN GDD: Registry Roundtable	3	--	--	--	--	--	--
28 ICANN Public Board Meeting	3	0	0	0	1	0	0
29 LAC SPACE	2	--	3	--	--	0	--
30 GAC Underserved Regions Working Group Meeting	2	0	0	0	0	1	0
31 ALAC and Regional Leaders Working Session Part 3	2	0	1	--	--	--	--
32 ICANN GDD: Privacy and Proxy Service Provider Accreditation Program Implementation Review Team (IRT)	2	1	0	--	--	--	--
33 GAC Public Safety Working Group Meeting (1)	2	0	1	0	0	0	0
34 GAC Update: IGO and Red Cross Protections	2	0	0	0	0	0	0
35 Engagement Session with the Competition, Consumer Trust, and Consumer Choice Review Team	2	0	0	--	--	--	--
36 How It Works: Understanding DNS Abuse	2	--	--	--	--	--	--
37 Customer Standing Committee	2	--	--	--	--	--	--
38 GNSO RySG - Brand TLDs - Trends & Use Cases	2	--	--	--	--	--	--
39 GNSO Non-Commercial Users Constituency (NCUC)	2	--	--	--	--	--	--
40 GAC discussion on new gTLDs Policies (continued)	2	1	0	0	0	0	0
41 Joint Meeting: ICANN Board & Commercial Stakeholders Group	2	0	0	0	0	1	0
42 GNSO Intellectual Property Constituency (IPC) Meeting	2	--	--	--	--	--	--
43 GAC preparation for meeting with the Board	2	0	1	0	0	0	1
44 Root Key Signing Key Rollover: Changing the Keys to the Domain Name System	2	--	--	--	--	--	--
45 GAC meeting with the Registrar Stakeholder Group (RrSG)	2	--	--	--	--	--	--
46 DNSSEC Workshop -- Part II	2	0	0	--	--	--	--
47 IANA Numbering Services Review Committee Meeting	2	--	--	--	--	--	--
48 GAC Independent Secretariat	2	0	0	0	0	0	0
49 DNSSEC Workshop -- Part III	2	1	0	--	--	--	--
50 ccNSO Members Meeting - Day 2 - (pt 3)	2	--	--	--	--	--	--

# Remote Participation

## Remote Participation – Top 100 Sessions - Continued

This list ranks the top 100 sessions based on the peak count of listeners to the web audio stream. All open sessions provide web audio streams. “-” denotes that a specific language was not available for a session. “0” denotes that a specific language had no listeners during the noted session. These numbers reflect the combined number of listeners for both the high-bandwidth and low-bandwidth audio stream.

Session Title	Web Audio Stream Listeners by Language						
	English	French	Spanish	Chinese	Russian	Portuguese	Arabic
51 GNSO Registration Directory Services (RDS) Policy Development Process Working Group Meeting	2	--	--	--	--	--	--
52 Fellowship Program Morning Session	2	0	0	0	0	0	1
53 Internet Governance Public Session	2	1	2	--	--	--	--
54 GAC: CCWG Accountability Work Stream 2 200 GAC Discussion	1	0	2	0	0	0	2
55 At-Large Regional Leadership Meeting	1	0	2	--	--	--	--
56 Cross-Community Session: Towards Effective DNS Abuse Mitigation: Prevention, Mitigation & Response	1	0	0	0	0	2	0
57 At Large Review: Workshop with Independent Examiner (ITEMS)	1	2	1	--	--	--	--
58 Competition, Consumer Trust, and Consumer Choice Review Team Face-to-Face Meeting - Day 1	1	--	--	--	--	--	--
59 Cross Community Committee on Accessibility	1	0	0	--	--	--	--
60 GNSO Rights Protection Mechanisms (RPMs) Policy Development Process Working Group	1	--	--	--	--	--	--
61 GAC Opening Plenary	1	0	0	0	0	0	0
62 GNSO Commercial and gTLD Registries Stakeholder Groups Joint Meeting	1	--	--	--	--	--	--
63 GNSO/ALAC Joint Session Non-Commercial Users Constituency (NCUC)/EURALO Outreach Event	1	--	--	--	--	--	--
64 GAC discussion on New gTLDs Policies (continued)	1	0	1	1	0	0	1
65 ALAC and Regional Leaders Working Session Part 5	1	0	0	--	--	--	--
66 GAC Implementation of new ICANN Bylaws (2)	1	0	1	0	0	0	0
67 How It Works: Internet Networking	1	--	--	--	--	--	--
68 ccNSO Strategic Operational Planning Working Group	1	--	--	--	--	--	--
69 2017 Nominating Committee Public Meeting	1	--	--	--	--	--	--
70 Contractual Compliance Program Updates and Q&A Session	1	--	--	0	--	--	--
71 How It Works: Internet Networking	1	--	--	--	--	--	--
72 GAC Commonwealth Meeting	1	0	0	0	0	0	0
73 ccNSO/GNSO Joint Council Meeting	1	0	--	--	--	--	--
74 How It Works: Understanding DNS Abuse	1	--	--	--	--	--	--
75 Underserved Regions in the ICANN Community - How to Better Engage?	1	0	0	0	0	0	0
76 Tech Day (Part 3)	1	--	--	--	--	--	--
77 Joint Meeting: ICANN Board & ASO/NRO	1	0	0	0	0	0	0
78 GNSO Not-for-Profit Operational Concerns (NPOC) Constituency Meeting	1	--	--	--	--	--	--
79 GNSO Registries Stakeholder Group Membership Meeting	1	0	0	--	--	--	--
80 GNSO Registrar Stakeholder Group Meeting	1	--	--	0	--	--	--
81 At-Large Review Working Party meeting	1	0	0	--	--	--	--
82 Joint Meeting: GAC and ccNSO	1	1	0	0	0	0	1
83 ICANN GDD: Statistical Analysis of DNS Abuse in gTLDs Study Results Preview	1	--	--	--	--	--	--
84 Joint Meeting: ICANN Board & Root Server System Advisory Committee (RSSAC)	1	0	0	0	0	1	0
85 Joint Meeting: ICANN Board & ccNSO	1	0	0	0	0	0	0
86 GAC Human Rights and International Law Working Group presentation to GAC Plenary	1	0	1	0	0	0	0
87 Joint Meeting: ICANN Board & Contracted Party House (CPH)	1	0	1	0	0	0	0
88 ICANN GDD: Security Framework Drafting Team (2 of 2)	1	--	--	--	--	--	--
89 Round table for Women Leadership in ICANN	1	--	--	--	--	--	--
90 DNSSEC Workshop -- Part 1	1	0	0	--	--	--	--
91 ICANN GDD: Thick Whois Implementation Review Team	1	--	--	--	--	--	--
92 ICANN GDD: RDAP	1	--	--	--	--	--	--
93 GAC next steps - planning for ICANN 59	1	0	0	0	0	0	0
94 Internet Technologies Health Indicators (ITHI)	1	--	--	--	--	--	--
95 SSAC Public Meeting	1	1	0	0	0	0	0
96 GNSO Review Working Group	1	--	--	--	--	--	--
97 GNSO New gTLD Subsequent Procedures PDP Working Group Community Dialogue	1	--	--	--	--	--	--
98 GNSO NCSG - ICANN & Human Rights	1	--	--	--	--	--	--
99 ASO/NRO Public Session	1	0	0	--	--	--	--
100 Cross-Community Session: Moving Towards a Data Driven ICANN	1	0	0	0	0	0	0

# ICANN58 By the Numbers

## General Information



# General Information

## Equipment Deployed for ICANN58



### Conference Microphones



### Wireless Access Points



### Laptops



### Mac Minis



### Telephones



### Switches



### Printers



### Registration iPads



### International Power Strips



### Routers



### Broadcast Cameras



# General Information

## Equipment Deployed for ICANN58



## Pages Printed



**35,000**

## Communication Radios



**75**

## Gaffers Tape



**3.75** **6.03**  
Miles Km

## Video Cable



**3.90** **6.27**  
Miles Km

## Security Locks



**396**

## Audio Cable



**1.82** **2.92**  
Miles Km

## Network Fiber



**0.66** **1.07**  
Miles Km

## Network Copper Cable



**5.61** **9.02**  
Miles Km

## Cargo Shipping Cases



**95**

## Coffee Consumed



**1,000** **3,783**  
Gallons Liters

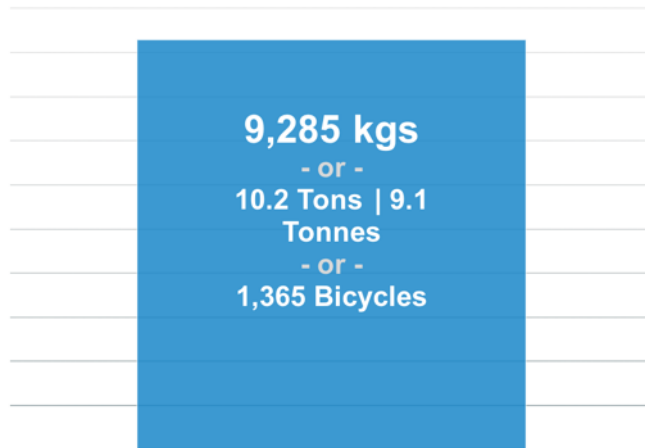
## General Information

### ICANN Equipment Shipped to ICANN58

Much like a touring band, ICANN learned over time that the most cost-effective method of ensuring that meeting participants have a positive experience is to sea freight our own equipment to ICANN meetings. We ship critical equipment, then rent the remaining equipment locally to help promote the local economy.

The following depicts the equipment shipped to ICANN58.

ICANN-Owned Equipment Shipment Weight



**1,365  
Bicycles**



# ICANN58 By the Numbers

## Network Operations Center



# Network Operations Center

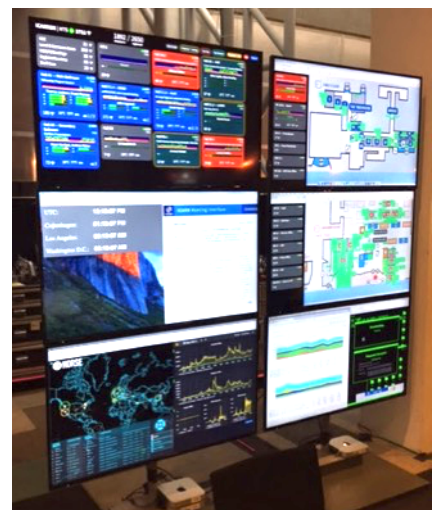
## Session Monitoring

The Network Operations Center (NOC) monitors all session rooms, including audio streams, recordings, Wi-Fi associations, connectivity stability, room temperatures and technician status. At any time, NOC staff can look at the monitoring screen and get a real-time status check of any session room.

Below is a screenshot taken during ICANN58 of monitoring software.



The NOC uses InterMapper to monitor all active equipment deployed into various areas of the venue. The tool enables the NOC to respond quickly to power outages, network problems and equipment failures. The NOC is where the Meetings team, Meetings Technical Services, and Security team all work together to ensure quick inter-departmental communications and coordination.



# Network Operations Center

## Meetings Technical Services Team

People are key to the success of ICANN meetings. Several teams of people help manage every aspect of a meeting. Our Meetings Technical Services (MTS) team includes: meeting managers, audio visual technicians, interpreters, scribes (closed captionists), remote participation managers, IT technicians and video technicians. Many other teams outside the technical scope help make the meetings a success.

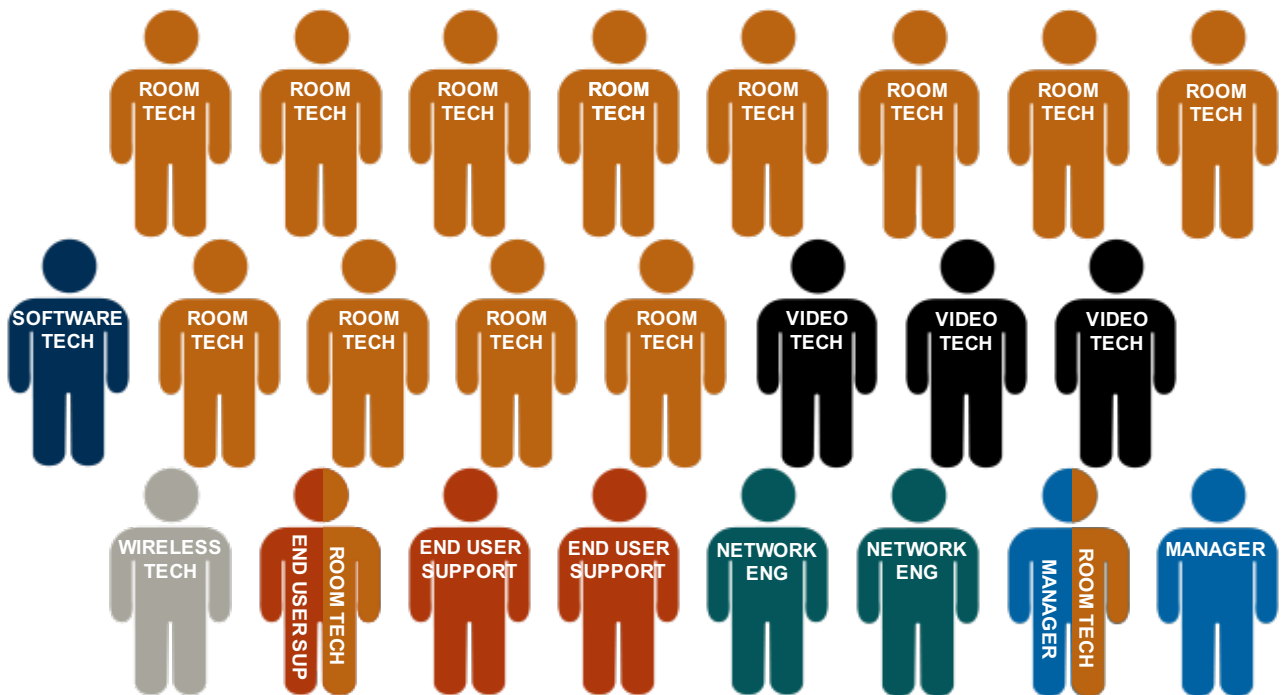
MTS Team  
Messages Exchanged



## Meetings Technical Services Team | ICANN58



## Breakdown of MTS Team by Role



24 Meetings Technical Services Crew

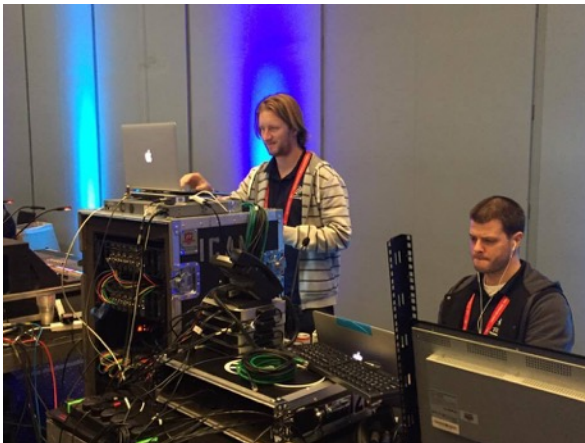
# Network Operations Center - Copenhagen



## Typical Session Room Setup

A typical meeting room is set up with a VoIP phone, several Wi-Fi access points, two to four Mac Minis, and one or two switches.

MTS installs international power strips in all session rooms. ICANN carries over 650 six-plug power strips with over 6 km of power cable. This provides over 3,900 power outlets for participants during meetings.



## Shipment of Equipment

Over 95 cases ship around the world from meeting location to meeting location. This equipment returns back to Los Angeles, CA, USA, only once a year for restocking and repairs.



## Video Setup

Three operator-controlled PTZ camera systems are available for large session rooms. This system streams video via Adobe Connect, and in some rooms, via Livestream HD video.

We recently introduced new automated camera kits for all session rooms. These video kits operate in conjunction with the microphone system. All session rooms now have live video streams for open sessions.

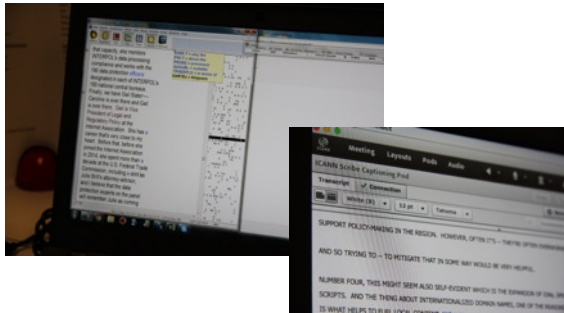
Live video has been a major investment - ICANN is continually striving to improve the experience and interaction of remote participants.



# Network Operations Center – Los Angeles

## Closed Captioning - Scribes

During every ICANN meeting, in many of the session rooms, there is a display of live closed captioning. The live speech text on the screen in a meeting room is displayed mere seconds after the words are spoken. This is made possible by several “scribe” teams who work remotely in the Los Angeles ICANN office. These scribe teams work closely with the Meetings Technical Services team to be digitally connected to a physical room in the locale of the ICANN meeting.

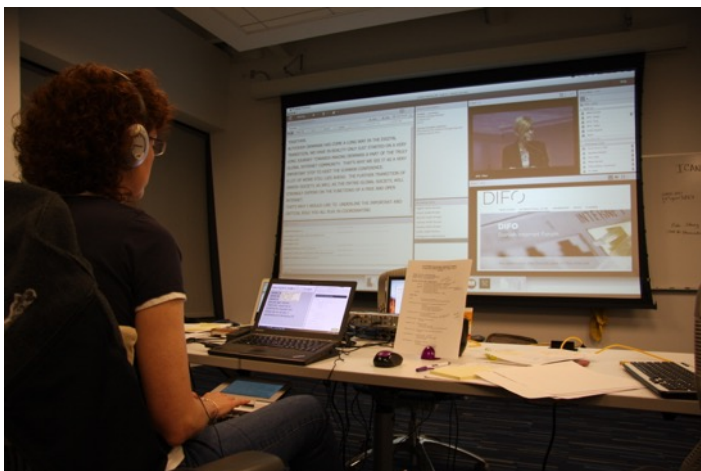


## How It Works – Scribing from Los Angeles

Each scribe team of two stenographers is assigned a meeting that requires closed captioning. In Los Angeles, an MTS technician communicates with the MTS technicians at the physical meeting location to digitally connect the scribes via Skype. This audio allows for a clear connection to the speakers in the physical room.

As a participant speaks, the audio is streamed to a Los Angeles scribe team, and one of the two scribes begins typing in a specialized shorthand on a stenotype machine, which is instantly converted to real-time text. The switch occurs seamlessly, with no noticeable change to the participants viewing the streaming text. After a set duration, a new scribe team may take over, which is done by adding the new team to the same audio feed at a set switch point – generally when a new speaker starts speaking.

Once a scribe team has completed their current session, MTS will digitally switch the scribe team to a new session, which is often in another physical room at the meeting venue. This prevents the scribe teams from having to move around the venue – everything happens digitally.



# ICANN58 By the Numbers

## Network Statistics and Client Profiles



# Network Statistics

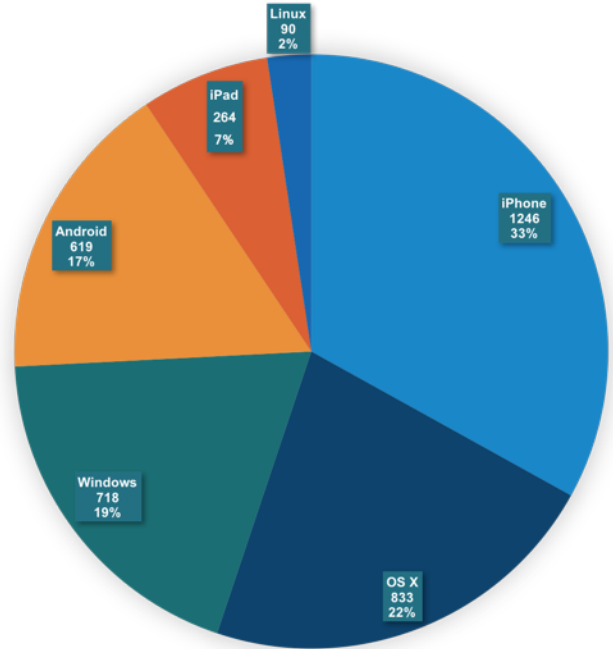
## Overall Network Usage and Statistics

The ICANN Meetings Technical Services team operates only with Juniper routers and switches. For the wireless infrastructure, we use Aruba access points, including Aruba wireless controllers.

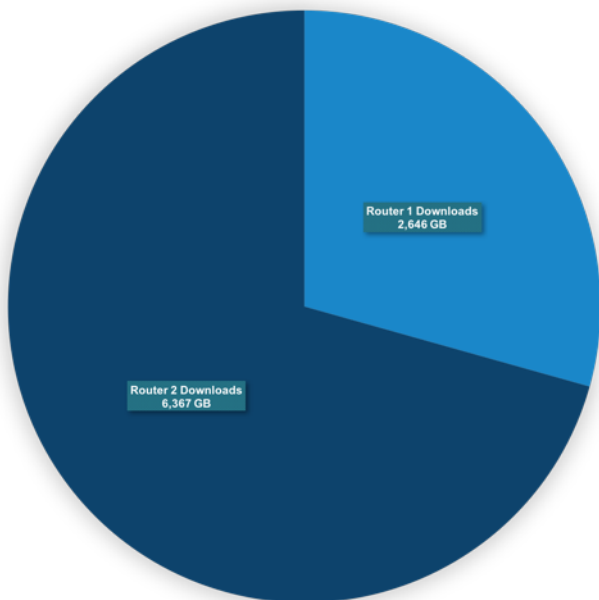
In the “General Information” section, we provide the inventory of IT equipment that ICANN brings to each meeting to meet the unique challenges of each venue.



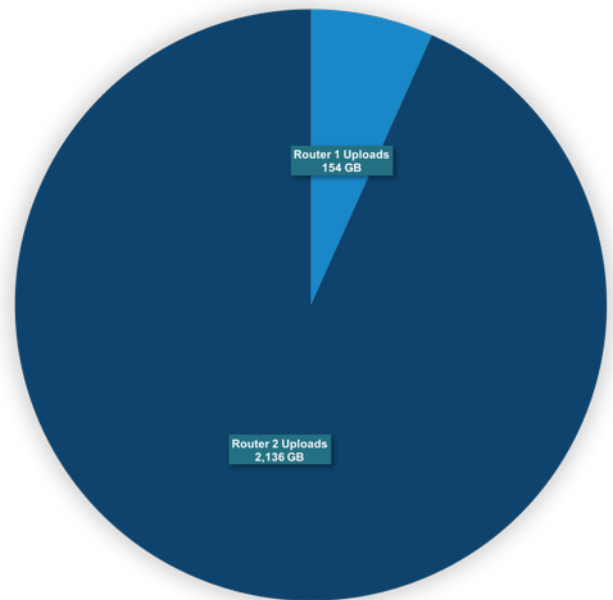
## Clients by Device Type



## Total Download Traffic



## Total Upload Traffic

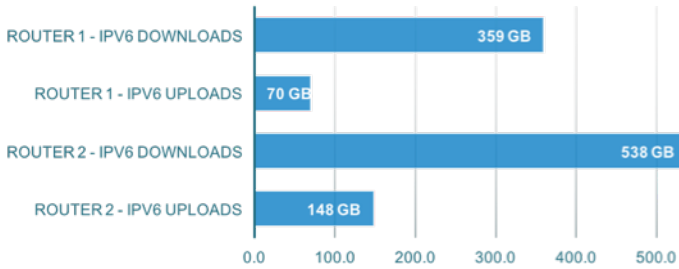


# Network Statistics

## Bandwidth Consumption and Allocation

These charts show the bandwidth that was provided and consumed, and the traffic allocation between IPv4 and IPv6.

### IPv6 Data Transferred In/Out

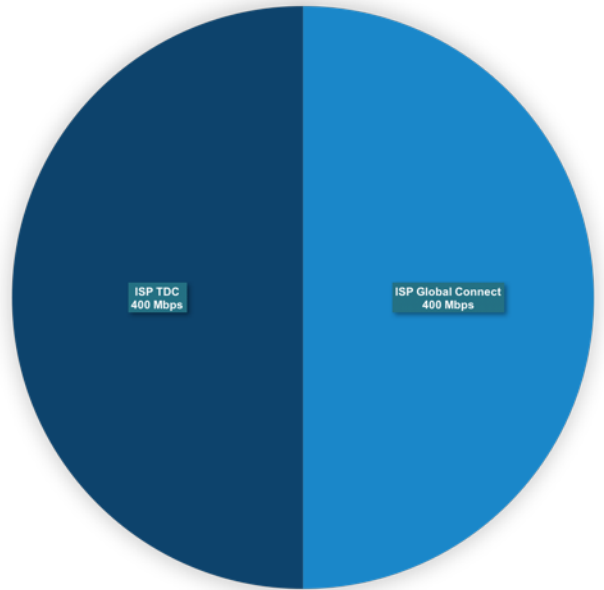


### IPv6 Network Usage

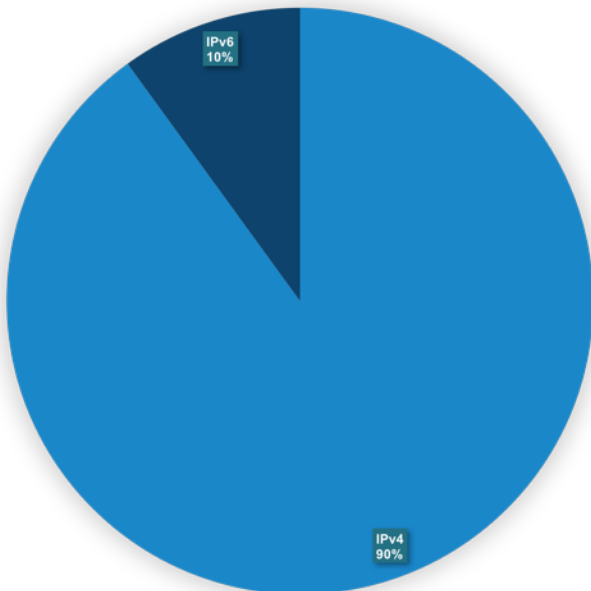
# 10%

+2% increase since ICANN57 in Hyderabad, India

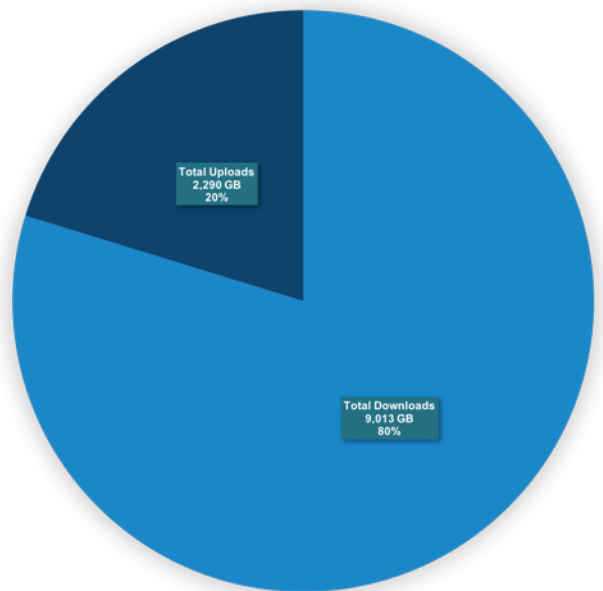
## Internet Service Providers 800 Mbps Service



## IPv4 & IPv6 Traffic Allocation



## Total Data Consumption





# Network Statistics

## Wi-Fi Client Associations and Bandwidth

During an ICANN meeting, the Meetings Technical Services team closely monitors the network load and Wi-Fi associations to each wireless access point. Alerts notify the NOC team when a maximum number of users are associated to a single access point. The team responds promptly by mitigating issues with access points or deploying more access points.

Great care and time go into the deployment plan for wireless access points. The team works closely with our wireless vendor Aruba to ensure the best possible configuration of device profiles.

Our goal is to ensure the highest quality experience for all attendees on the ICANN network.

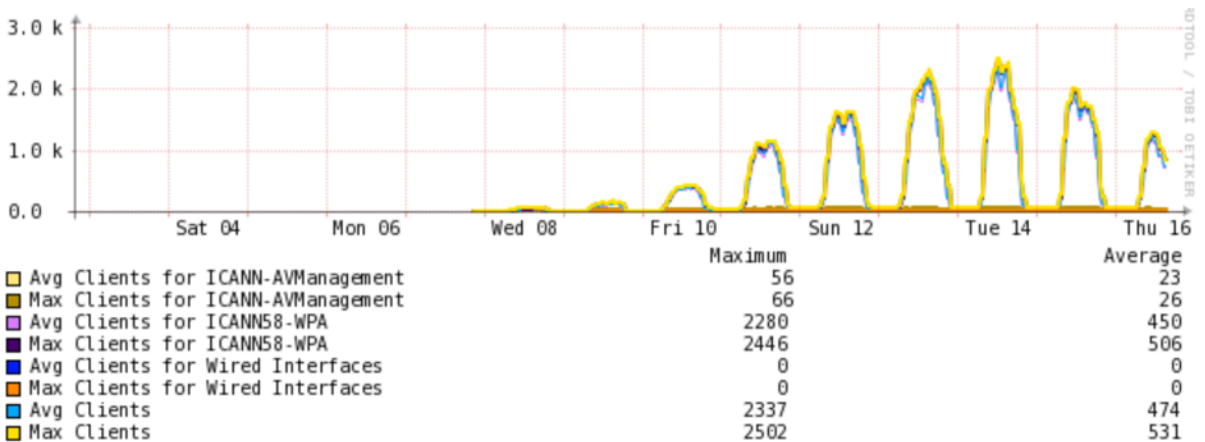
Peak Wi-Fi Associations  
14-Mar-2017



**2,502**

Peak Client Associations

### Wi-Fi Client Associations | by Day



Peak Bandwidth Utilization  
14-Mar-2017

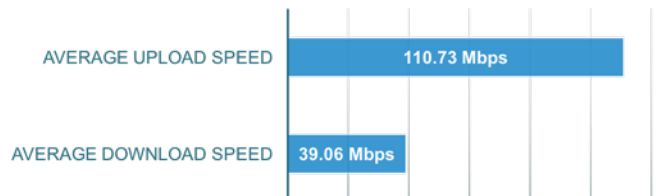
**432.26**

Peak Download Mbps

**270.15**

Peak Upload Mbps

Bandwidth Speed  
[During Business Hours per 30 min.]

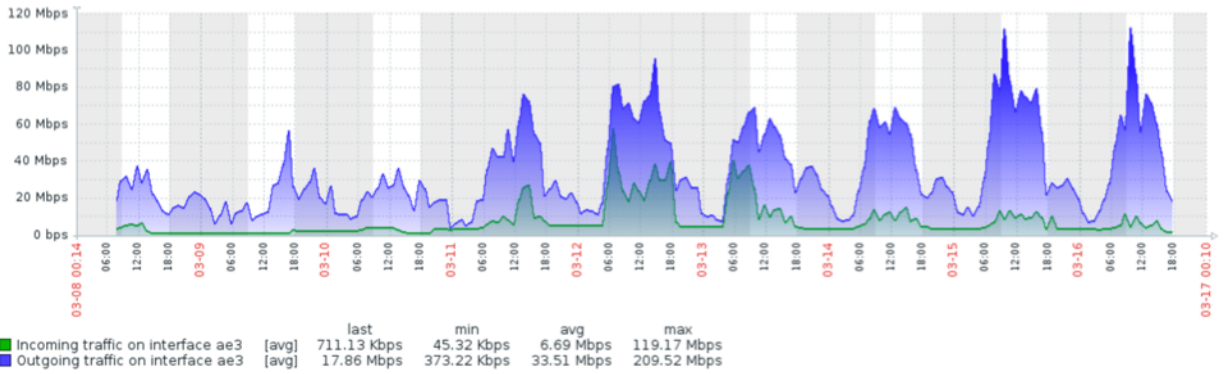


# Network Statistics - Monitoring

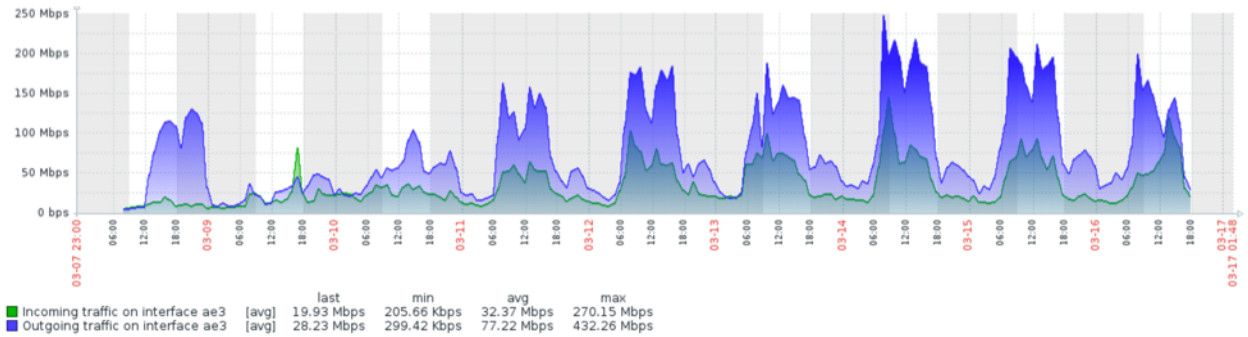
## Bandwidth Utilization

ICANN runs our core network from two redundant routers. These graphs show the daily average bandwidth consumption. For ICANN58, ICANN was also able to provide bandwidth to the attached hotel for which the daily average bandwidth traffic is also modeled below.

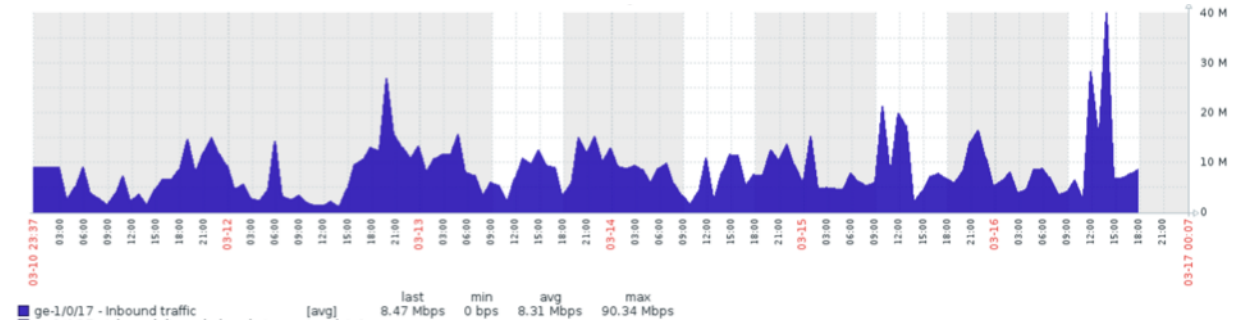
### Router 1



### Router 2



### Hotel Traffic

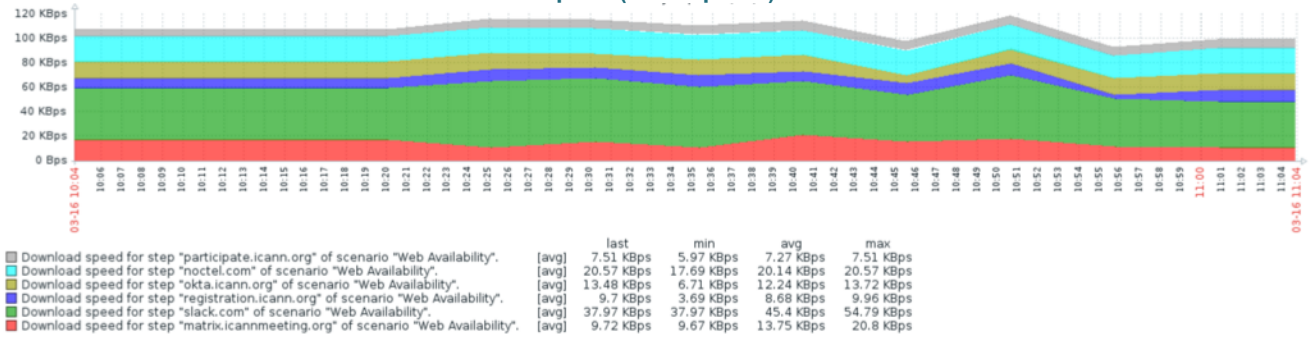


# Network Statistics - Tools

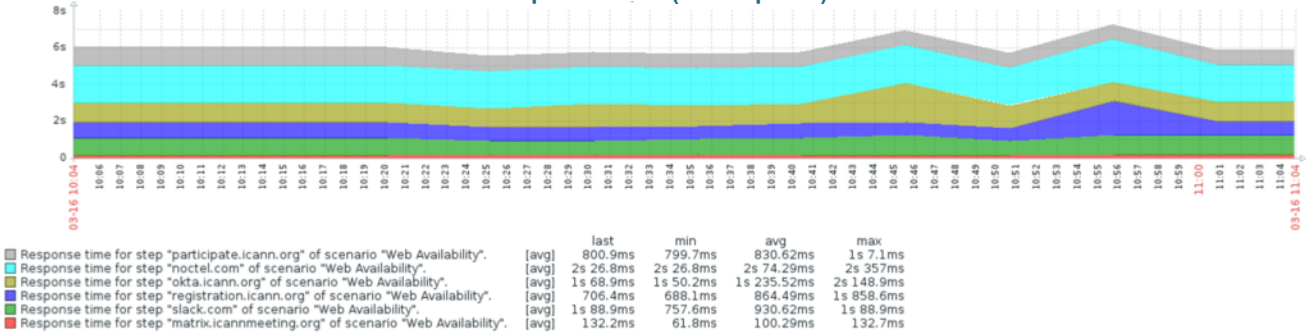
## Bandwidth Monitoring - Zabbix

ICANN uses the tool Zabbix, which monitors and logs our network operations. MTS actively monitors communication pathways with key applications critical to the operation of an ICANN meeting. Below is a snapshot of one hour of active monitoring to those key systems by web speed availability and response time.

Web Availability Speed (1h snapshot)

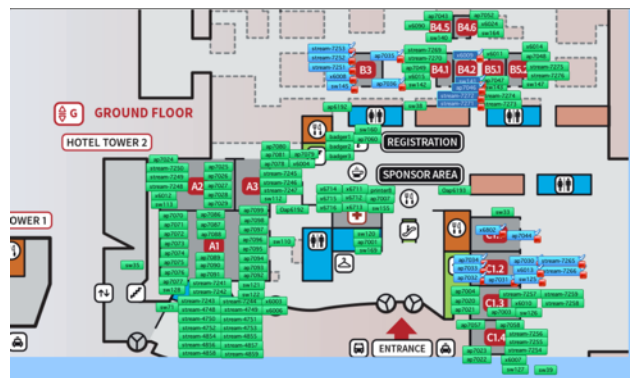
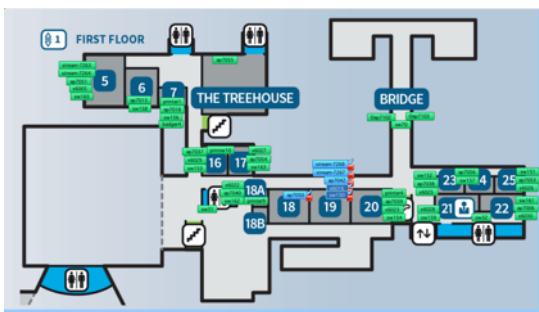


Web Availability Response Time (1h snapshot)



## InterMapper Resource Monitoring Tool

InterMapper is ICANN's tool to monitor all active equipment deployed into various areas of the venue. The tool enables the NOC to respond quickly to power outages, network problems and equipment failures.



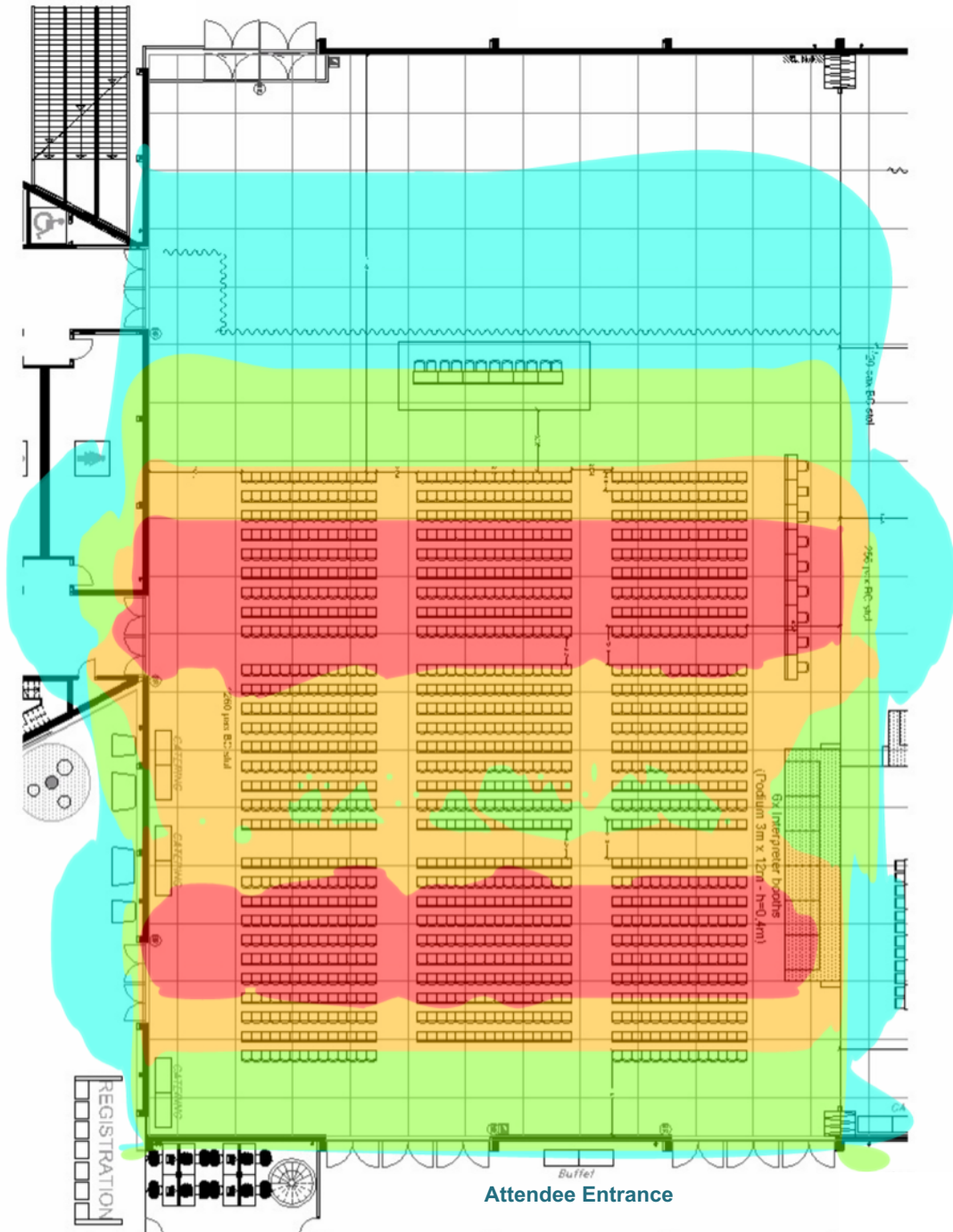
# Network Statistics - Tools

## Wireless Access Point Deployment – Heat Map

One of the primary services provided to the attendees at an ICANN meeting is free Wi-Fi. ICANN MTS takes this essential service seriously, and uses several tools and resources to ensure the highest quality experience for everyone.

Every meeting has a deployment plan depicting how many wireless access points are needed per room, and the strategic location of those access points. This is determined by several methods, one being a heat map shown below for Hall A1, the plenary session room. Heat maps show Wi-Fi signal strength, red being the hottest and closest to the Wi-Fi signal, gradually fading to orange, green and blue as the signal strength diminishes.

Copenhagen Bella Center Hall A1 – Plenary Room



# ICANN58 By the Numbers

## Appendix



## Attendee Profile Data

Badge Type	
Participant	1,696
Media/Press	15
Sponsor	57
Support Staff	110
ICANN Staff	190
ICANN Board	21

Stakeholder Classification	
Academia	138
Civil Society / Non-Governmental Organization	189
End User	149
Government / Inter-Governmental Organization	266
Private Sector - Domain Name Industry	552
Private Sector - General Business / Legal	249
Technical Community	340

Groups of Interest	
ALAC - At-Large Advisory Committee	41
ASO - Address Supporting Organization	91
ccNSO - Country Code Names Supporting Organization	254
DNSSEC - Domain Name System Security Extensions	133
Fellowship Program	83
GAC - Governmental Advisory Committee	202
GDD - Global Domains Division	84
GNSO - Generic Names Supporting Organization	286
I* Organization	38
ICANN - Internet Corporation for Assigned Names and Numbers	243
NextGen@ICANN	33
NomCom - Nominating Committee	19
NRO - Number Resource Organization	26
RSSAC - Root Server System Advisory Committee	25
SSAC - Security and Stability Advisory Committee	45
Other / Special Interest Group	122

ICANN Five Regions	
Africa	117
Asia/Australia/Pacific Islands	288
Europe	1,012
Latin America/Caribbean	123
North America	549

ICANN Meeting Seven Regions	
Africa	117
Asia	190
Australia/Pacific Islands	58
Eastern Europe and Central Asia	34
Europe	978
Latin America and the Caribbean	123
Middle East	40
North America	549

## Attendee Profile Data

	Africa	Asia / Australia / Pacific	Europe	Latin America / Caribbean	North America
Total Participants	117	288	1,012	123	549
First-Time Participants (Newcomers)	24	76	417	25	98
Returning Participants	93	212	595	98	451
<b>By Gender</b>					
Female	25	91	316	49	213
Male	72	174	616	61	310
Undisclosed	20	23	80	13	26
<b>By Badge Type</b>					
Participant	112	258	866	99	361
Media	1	2	12	0	0
Sponsor	0	5	27	0	25
Support Staff	1	6	61	17	25
ICANN Staff	2	14	36	5	133
ICANN Board	1	3	10	133	5
<b>By Stakeholder Group</b>					
Academia	14	33	55	17	19
Civil Society / Non-Governmental Organization	20	40	82	26	21
End User	9	21	66	12	41
Government / Inter-Governmental Organization	45	67	112	24	18
Private Sector - Domain Name Industry	23	76	321	11	121
Private Sector - General Business / Legal	9	31	120	7	82
Technical Community	30	55	147	26	82
<b>By Interest Group</b>					
ASO - Address Supporting Organization	4	12	13	3	9
ALAC - At-Large Advisory Committee	16	20	26	13	16
ccNSO - Country Code Names Supporting Organization	31	53	130	23	17
DNSSEC - Domain Name System Security Extensions	13	29	67	6	18
Fellowship Program	14	24	24	17	4
GNSO - Generic Names Supporting Organization	18	45	112	15	96
GDD - Global Domains Division	2	14	33	1	34
GAC - Governmental Advisory Committee	35	58	80	16	13
ICANN - Internet Corporation for Assigned Names and Numl	11	36	77	6	113
I* Organization	6	2	21	2	7
NextGen@ICANN	3	5	22	0	3
NomCom - Nominating Committee	1	2	5	3	8
NRO - Number Resource Organization	5	5	9	2	5
RSSAC - Root Server System Advisory Committee	1	7	6	0	11
SSAC - Security and Stability Advisory Committee	2	13	12	0	18
Other / Special Interest Group	4	18	70	9	21

## Session Statistics Data

### Overall Meeting Statistics

Total Session Counts	348
Total Session Hours	641.5
Actual Attendance for All Sessions	19,542
Checked-In Attendees	2,089

### Counts by Session Type

Sign Up Rooms	45
Closed - Member Only Sessions	91
Open Sessions	212



## Mobile App Statistics Data

Top Viewed Sections	Unique Visitors	Pageviews
Meeting Schedule	1,129	27,255
Participants	568	2,180
Info Booth	289	847
Maps	262	635
Sponsors	207	351
Alerts	142	251

Top Views - By Date	Unique Visitors	Pageviews
13-Mar Mon	654	11,870
12-Mar Sun	578	12,529
14-Mar Tue	529	8,706
15-Mar Wed	477	7,084
11-Mar Sat	458	9,876
16-Mar Thu	320	2,743
10-Mar Fri	250	3,551
23-Mar Thu	170	451

Total Pageviews (60 Days)	74,916
Total Unique Visitors (60 Days)	2,094

Mobile App Device Breakdown	
iOS iPhone/iPad	931
Android	584
Windows	344
Macintosh	151
Blackberry	9
Windows Phone	17
Linux	33
Other	42

On Mobile	1,578
Not on Mobile	533

Mobile App Attendee Behavior	
Created a Profile	202
Created a Schedule	452
Logged Into the App	623
Total Sessions Favorited	8,654
Total Notes	37

## Schedule Website Statistics

Country	Sessions
Denmark	9,642
United States	4,412
United Kingdom	899
France	684
Germany	438
China	435
Canada	407
Australia	375
Belgium	358

Device Category	Users
Desktop	6,780
Tablet	384
Mobile	191

Browser	Users
Chrome	3,864
Firefox	1,238
Safari	1,032
Internet Explorer	861
Edge	204
Opera	57
BlackBerry	9

Demographics - Age	Users
18-24	304
25-34	1,425
35-44	1,350
45-54	840
55-64	363
65+	166

User Type	Sessions
New Visitor	7,355
Returning Visitor	16,755

General Stats	
Sessions	24,110
Users	7,559
Pageviews	78,587
Pages / Session	3.26
Avg. Session Duration	0:04:29
Bounce Rate	44.88%
% New Sessions	30.41%

Language	Sessions
English - United States	15,292
English - United Kingdom	1,727
French	821
Chinese	618
Spanish	449
Russian	349
German	333

Website Quick Stats	
Attendees Logged In	816
Schedules Created	616
Pageview Engagement < 10 min.	55%

Demographics - Gender	Users
Male	2,928
Female	1,569

## Remote Participation Data

### Adobe Connect Remote Participation Stats

Adobe Connect Total Unique Participants	4,248
Desktop Users	3,398
Mobile App Users	850

### Remote Participation - Adobe Connect

Total Unique Participants	4,248
Tablet Connections	5,278
Mobile Phone Connections	7,144
Mobile Users	850
Mobile Minutes	21,236

### Overall Resource Usage

Adigo Phone Conference Bridge Calls	26
Adigo Phone Conference Total Hours	35.25
PGI/GlobalMeet Conference Bridge Calls	21
PGI/GlobalMeet Conference Total Hours	42.75
Verizon Conference Bridge Calls	58
Verizon Conference Total Hours	113.25
Remote Participation Manager Requests	212
Remote Participation Manager Total Hours	354.25

# Remote Participation Data

Web Streaming Listeners	
English	214
French	22
Spanish	38
Chinese	10
Russian	3
Arabic	18
Portuguese	7
<b>Total</b>	<b>312</b>

Web Streaming Hours [hh:mm:ss]	
English	342:34:00
French	151:16:00
Spanish	147:24:00
Chinese	89:39:00
Russian	80:11:00
Arabic	82:58:00
Portuguese	81:31:00
<b>Total</b>	<b>975:33:00</b>

Recorded Hours [hh:mm:ss]	
English	429:32:00
French	151:17:00
Spanish	147:25:00
Chinese	89:48:00
Russian	79:22:00
Arabic	82:09:00
Portuguese	80:42:00
<b>Total</b>	<b>1060:15:00</b>

Room	Desktop Users	Mobile Users
Hall A1	Not Available	Not Available
Hall A2	141	264
Hall A3	Not Available	Not Available
Hall B3	417	65
Hall B4.1	118	40
Hall B4.2	247	53
Hall B4.5	18	0
Hall B5.1	221	66
Hall B5.2	65	6
Hall C1.1	17	11
Hall C1.2	167	39
Hall C1.3	140	146
Hall C1.4	310	124
MR 18/19	38	3
MR 5	96	12

Room	Unique Users	Mobile Users	Total Mobile Mins
Hall A1	661	Not Available	Not Available
Hall A2	595	264	7635
Hall A3	367	Not Available	Not Available
Hall B3	482	65	1485
Hall B4.1	158	40	480
Hall B4.2	300	53	1024
Hall B4.5	18	0	0
Hall B5.1	287	66	1365
Hall B5.2	71	6	214
Hall C1.1	28	11	17
Hall C1.2	206	39	1019
Hall C1.3	286	146	3703
Hall C1.4	434	124	3385
MR 18/19	41	3	86
MR 5	108	12	391

## Network Statistics Data

Bandwidth	Mbps
ISP Global Connect	400
ISP TDC	400
Total Bandwidth Available	800

Total Data Transferred In/Out	GB
Router 1 - Downloads	2,646
Router 1 - Uploads	154
Router 2 - Downloads	6,367
Router 2 - Uploads	2,136
Total Downloads	9,013
Total Uploads	2,290

Total Traffic Allocation	%
IPv4	90%
IPv6	10%

IPv6 Data Transferred In/Out	GB
Router 1 - IPv6 Downloads	359
Router 1 - IPv6 Uploads	70.0
Router 2 - IPv6 Downloads	538
Router 2 - IPv6 Uploads	148
Total IPv6 Downloads	897
Total IPv6 Uploads	218

Total Traffic	GB
IPv4 Downloads	8,116
IPv4 Uploads	2,072
IPv6 Downloads	897
IPv6 Uploads	218

Average Traffic Speed	Mbps
Average Download Speed	39.06
Average Upload Speed	110.73

Peak Bandwidth Utilization	Mbps
Peak Download Date	14-Mar-17
Peak Download Utilization	432.26
Peak Upload Date	14-Mar-17
Peak Upload Utilization	270.15

Peak Wi-Fi Clients	
Peak Date	14-Mar-17
Peak Devices	2,502

Clients by Device Type	%
iPhone	33%
OS X	22%
Windows	19%
Android	17%
iPad	7%
Linux	2%

Hotel Data Transferred In/Out	GB
Hotel Network - Downloads	2,314
Hotel Network - Uploads	475

Hotel Bandwidth Utilization	Mbps
Hotel Network - Average Download	8.31
Hotel Network - Peak Download	90.34

## Network Statistics Data

Wireless Access Points	Unique Clients	Max Clients	Total Data [GB]	Avg Usage
Oap7102	3,108	236	150.54 GB	1.78 Mbps
Oap7103	2,949	202	112.98 GB	1.34 Mbps
Oap6192	2,608	184	102.58 GB	3.02 Mbps
ap7060	2,550	180	118.56 GB	1.40 Mbps
Oap6193	2,468	135	72.74 GB	2.18 Mbps
ap7037	2,368	100	73.42 GB	852.78 Kbps
ap7007	2,307	73	163.90 GB	2.16 Mbps
ap7039	2,300	63	152.81 GB	1.78 Mbps
ap7005	2,079	40	111.29 GB	1.30 Mbps
ap7030	1,983	296	269.04 GB	7.16 Mbps
ap7049	1,973	114	201.52 GB	3.29 Mbps
ap7054	1,973	53	76.74 GB	1.01 Mbps
ap7053	1,946	75	120.85 GB	1.53 Mbps
ap7044	1,909	259	66.51 GB	1.23 Mbps
ap7042	1,864	56	229.58 GB	2.73 Mbps
ap7001	1,863	65	808.51 GB	8.61 Mbps
ap7078	1,849	66	401.85 GB	6.14 Mbps
ap7055	1,841	173	330.17 GB	5.93 Mbps
ap7077	1,841	95	72.61 GB	1.11 Mbps
ap7079	1,828	104	180.42 GB	2.78 Mbps
ap7081	1,762	52	206.11 GB	3.51 Mbps
ap7056	1,758	76	86 GB	1.01 Mbps
ap7032	1,747	102	150.46 GB	2.72 Mbps
ap7038	1,740	31	91.72 GB	1.18 Mbps
ap7076	1,717	57	86.39 GB	1.32 Mbps
ap7018	1,689	83	133.70 GB	1.60 Mbps
ap7080	1,651	117	172.10 GB	2.99 Mbps
ap7025	1,612	111	397.18 GB	5.41 Mbps
ap7051	1,583	95	300.07 GB	4.81 Mbps
ap7046	1,567	87	196.84 GB	3.02 Mbps
ap7047	1,532	121	272.86 GB	4.10 Mbps
ap7074	1,517	112	94.48 GB	1.42 Mbps
ap7003	1,511	79	306.01 GB	4.14 Mbps
ap7024	1,493	85	446.98 GB	6.09 Mbps
ap7073	1,477	80	77.38 GB	1.17 Mbps
ap7006	1,461	56	74.16 GB	959.97 Kbps
ap7075	1,443	80	67.31 GB	1.01 Mbps
ap7015	1,431	45	89.89 GB	1.19 Mbps
ap7035	1,425	134	185.19 GB	2.79 Mbps
ap7070	1,422	111	114.72 GB	1.73 Mbps
ap7071	1,367	117	119.39 GB	1.80 Mbps
ap7072	1,360	125	129.64 GB	1.98 Mbps
ap7026	1,352	100	262.61 GB	3.59 Mbps

ap#### = Aruba wireless access point model AP325

oap#### = Aruba outdoor wireless access point model AP270

## Network Statistics Data

Wireless Access Points	Unique Clients	Max Clients	Total Data [GB]	Avg Usage
ap7027	1,329	104	302.64 GB	4.13 Mbps
ap7022	1,255	73	317.60 GB	4.26 Mbps
ap7087	1,251	60	181.42 GB	2.35 Mbps
ap7089	1,238	44	91.49 GB	1.18 Mbps
ap7004	1,223	100	190.77 GB	2.59 Mbps
ap7023	1,218	113	188.06 GB	2.53 Mbps
ap7094	1,201	30	53.76 GB	695.86 Kbps
ap7091	1,159	41	65.38 GB	846.30 Kbps
ap7020	1,145	50	238.46 GB	3.24 Mbps
ap7028	1,141	83	293.47 GB	4 Mbps
ap7098	1,085	46	62.26 GB	805.90 Kbps
ap7034	1,083	54	128.75 GB	2.30 Mbps
ap7048	1,074	82	262.36 GB	3.94 Mbps
ap7029	1,047	65	237.22 GB	3.23 Mbps
ap7021	1,045	60	289.52 GB	3.93 Mbps
ap7088	1,035	35	69.45 GB	898.99 Kbps
ap7090	1,018	30	61.57 GB	797 Kbps
ap7031	1,014	46	102.05 GB	1.84 Mbps
ap7058	914	82	239.84 GB	3.22 Mbps
ap7057	892	55	183.01 GB	2.46 Mbps
ap7097	851	36	70.67 GB	913.05 Kbps
ap7036	845	72	126.57 GB	1.91 Mbps
ap7099	842	29	54.65 GB	707.39 Kbps
ap7050	834	54	104.70 GB	1.24 Mbps
ap7093	830	40	73.45 GB	950.86 Kbps
ap7092	782	37	73.20 GB	947.56 Kbps
ap7043	774	24	32.60 GB	501.65 Kbps
ap7095	757	25	70.92 GB	918.12 Kbps
ap7086	731	32	99.33 GB	1.29 Mbps
ap7096	713	38	66.22 GB	857.17 Kbps
ap7040	698	26	98.34 GB	1.30 Mbps
ap7052	696	34	47.62 GB	711.46 Kbps
ap7033	693	39	93.12 GB	1.67 Mbps
ap7002	517	11	31.16 GB	331.87 Kbps

ap#### = Aruba wireless access point model AP325

oap#### = Aruba outdoor wireless access point model AP270

# ICANN58 By the Numbers

For additional information or for comments  
on this report, please contact: [mts@icann.org](mailto:mts@icann.org)

