ARIN XXIX

22-25 April 2012 • Vancouver, BC

Leslie Nobile

Director, Registration Services

RSD Team

Principal Resource Analyst

Cathy Clements

Principal Technical Analyst

David Huberman

Senior Resource Analyst

Jon Worley

Resource Analysts

Doreen Marraffa

Sue Dobert

Mike Pappano

Lisa Liedel

Chad Eastman

Eddie Diego

ARIN XXIX

Current Focus

- **IPv4 Depletion Planning**

- **8.3 Transfers**

- **Resource Classification Project**
  - Identifying which resources are covered under RSA

- **ARIN On-line**

  - Continue work on enhancements, new requirements, and prioritization

Current IPv4 Inventory

- **4.87 /8 equivalents** in the pool of **"available addresses"**

- **4.82 /16 equivalents** in the "RRH" bucket

  (RRH = returned, revoked, held)

- **1 /10 reserved**
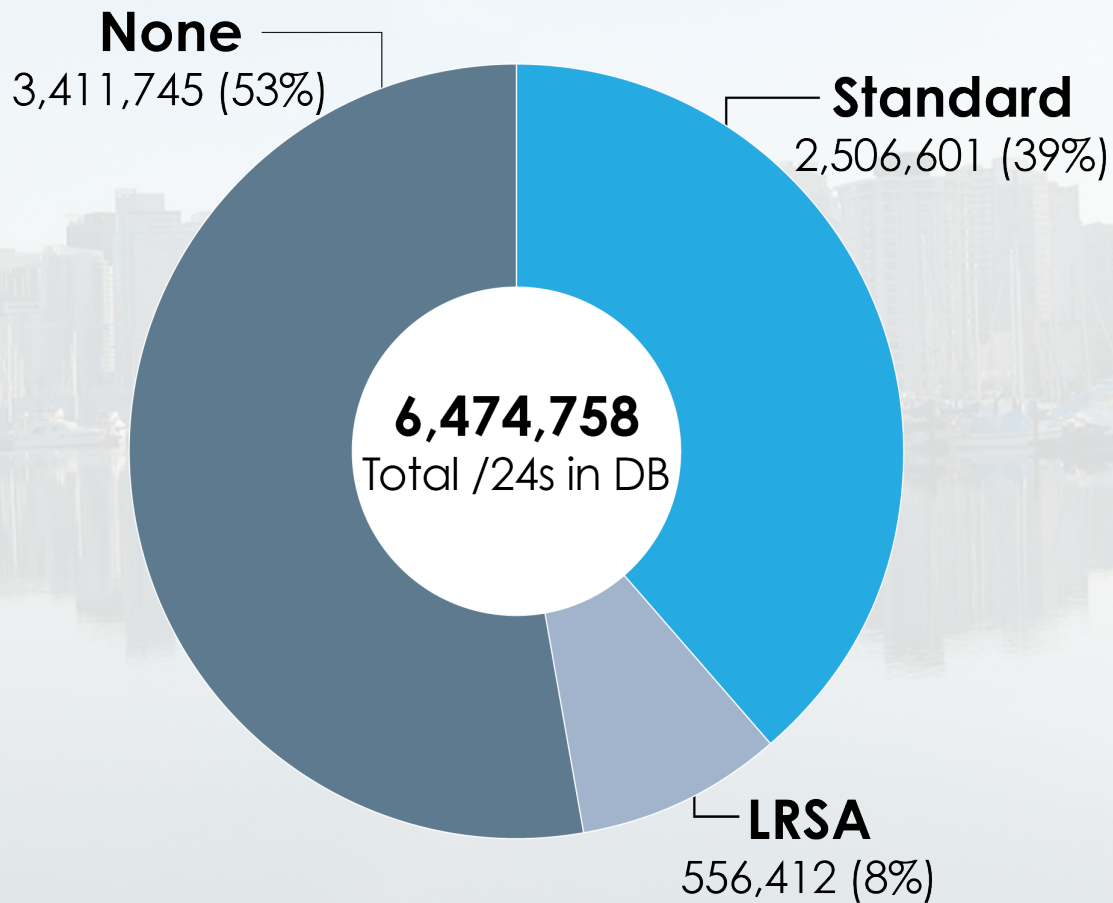 - For NRPM 4.10 "Dedicated IPv4 block to facilitate IPv6 Deployment"

ARINXXIX

Recovered Resources

Year	IPv4 blocks (/16 equivalents)	ASNs
2007	101.2 (85% returns)	1552 (12% returns)
2008	178.6 (87% returns)	704 (28% returns)
2009	133.10 (86% returns)	462 (40% returns)
2010	44.5 (49% returns)	1446 (32% returns)
2011	284.4 (96% returns)	365 (39% returns)

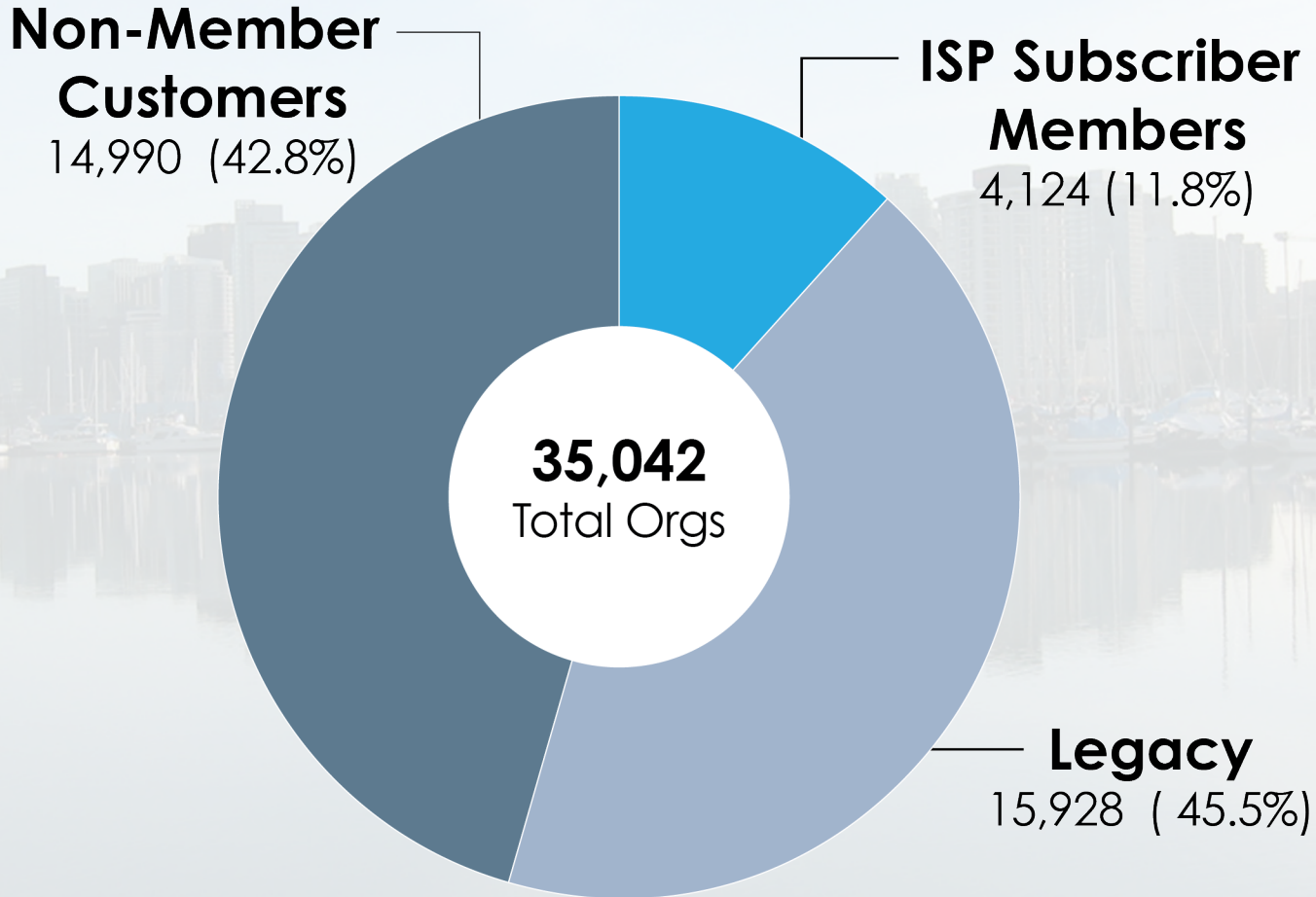**ARINXXIX**

Resource Classification Project Stats

- **47,103** total network registration records in ARIN's db
  - **19,294 (41%)** are covered under RSA

- **30,469** total ASN registration records in ARIN's db
  - **17,451(58%)** are covered under RSA

ARINXXIX

IPv4 RSA Coverage

/24s Covered Under RSA, LRSA, or no RSA

None
3,411,745 (53%)

Standard
2,506,601 (39%)

6,474,758
Total /24s in DB

LRSA
556,412 (8%)

ARINXXIX

Total Organizations Served by ARIN

Non-Member Customers
14,990 (42.8%)

ISP Subscriber Members
4,124 (11.8%)

35,042
Total Orgs

Legacy
15,928 (45.5%)

ARINXXIX

IPv4 vs IPv6 Subscribers

4,122
Subscribers

IPv4 Only
2,453 (60%)

IPv6 Only
245 (6%)

IPv4 and IPv6
1,424 (35%)