



**ARIN 44**

31 October - 1 November 2019 • Austin, Texas

# Identifier Technology Health Indicators (ITHI)

*ARIN's Initial Results*

# ITHI – What is it?



- Goal of ITHI is to measure developed metrics designed to track the health of the Internet's unique identifier systems
- Regional Internet Registries (RIRs) have developed metrics for the Internet Number Registry System
- Initial metrics have been approved by the Number Resource Organization (NRO)
- Initial measurements are in process by each of the RIRs

# SCOPE - What is included?



- All Internet number resources (INRs) administered by each RIR and included in the NRO extended delegated statistics
- Specifically excluded are those INRs reserved by IANA for the technical community, special purposes, and future delegation

# Metrics - Comprehensive



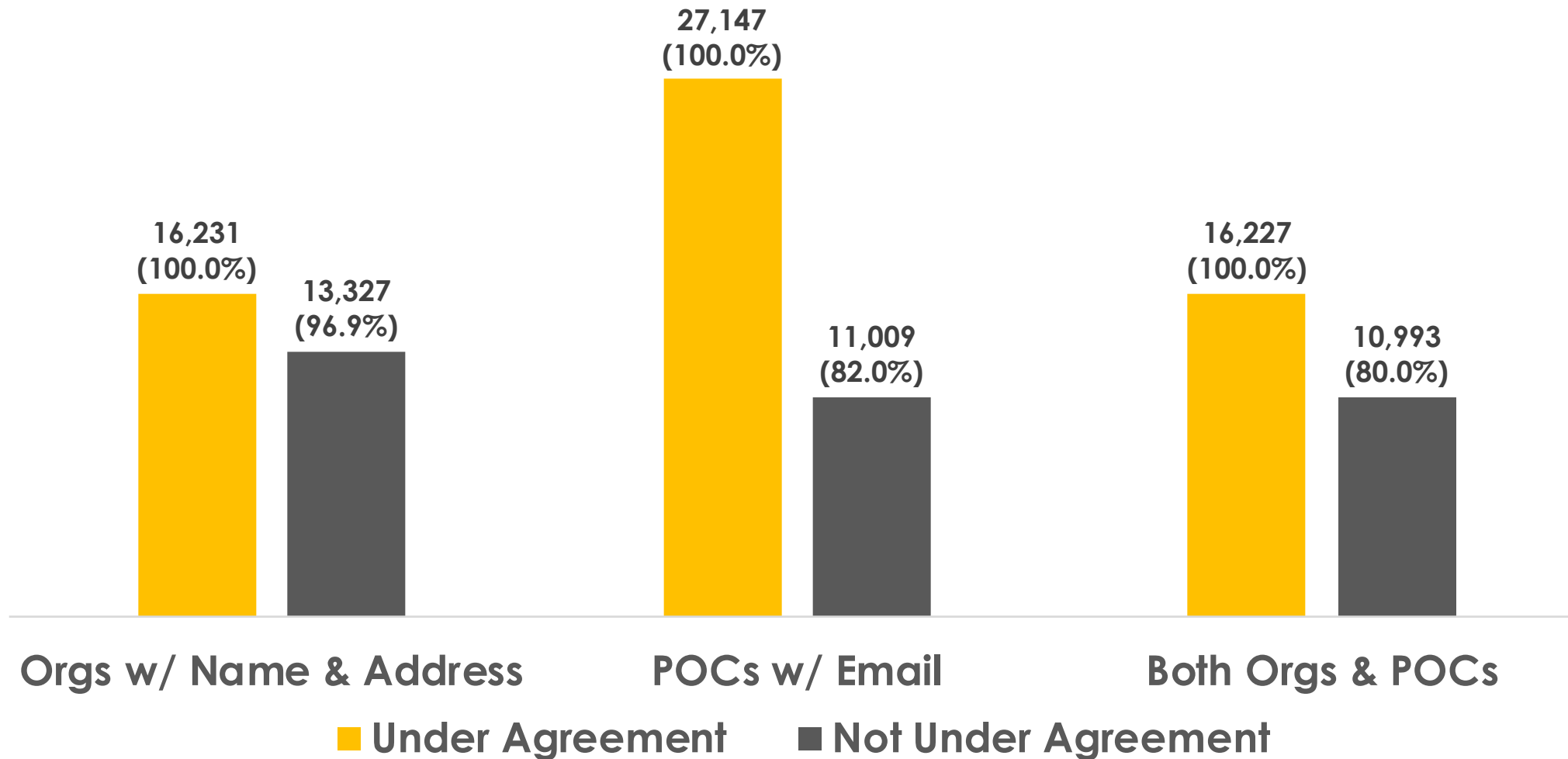
- To be COMPREHENSIVE, there are two criteria:
  - Complete – all INRs administered by each RIR are accounted for in the NRO extended delegated statistics
  - Unique – no duplicates of INRs are contained in the NRO extended delegated statistics
- Global measurement performed by the RIPE NCC

# Metrics - Comprehensive



- Do INRs registered by ARIN have a required POC with an email address?
- Do INRs registered by ARIN have the required Organization's legal name and street address?
- Local measurement performed by ARIN

# Number Comprehensive

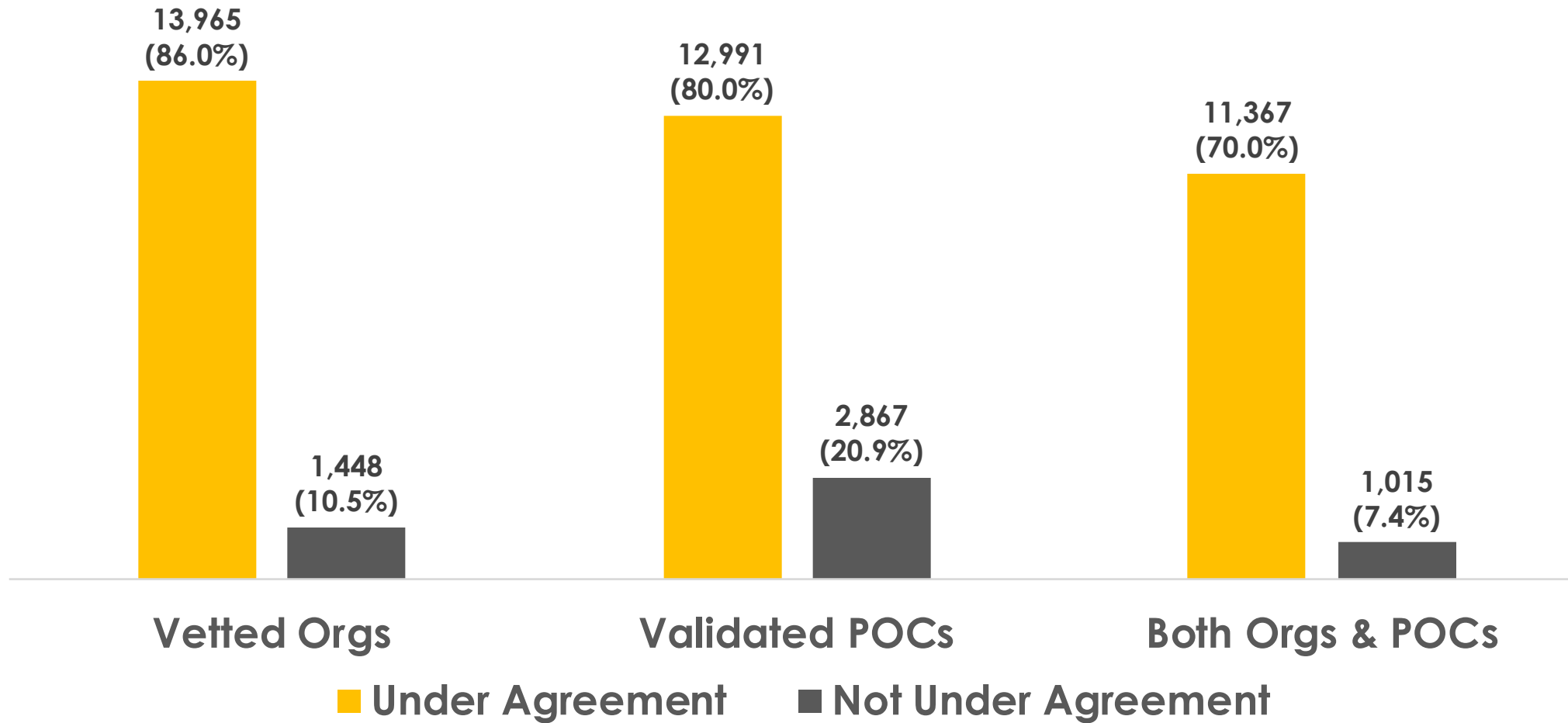


# Metrics - Correct



- Required registration data listed for organizations that hold INRs must match official sources, and must be marked as "Vetted" in the ARIN database
- Required contact (POC) data listed for the INR holder must be functional and reachable, and must be marked as "Validated" in the ARIN database
- Local measurement performed by ARIN

# Number Correct



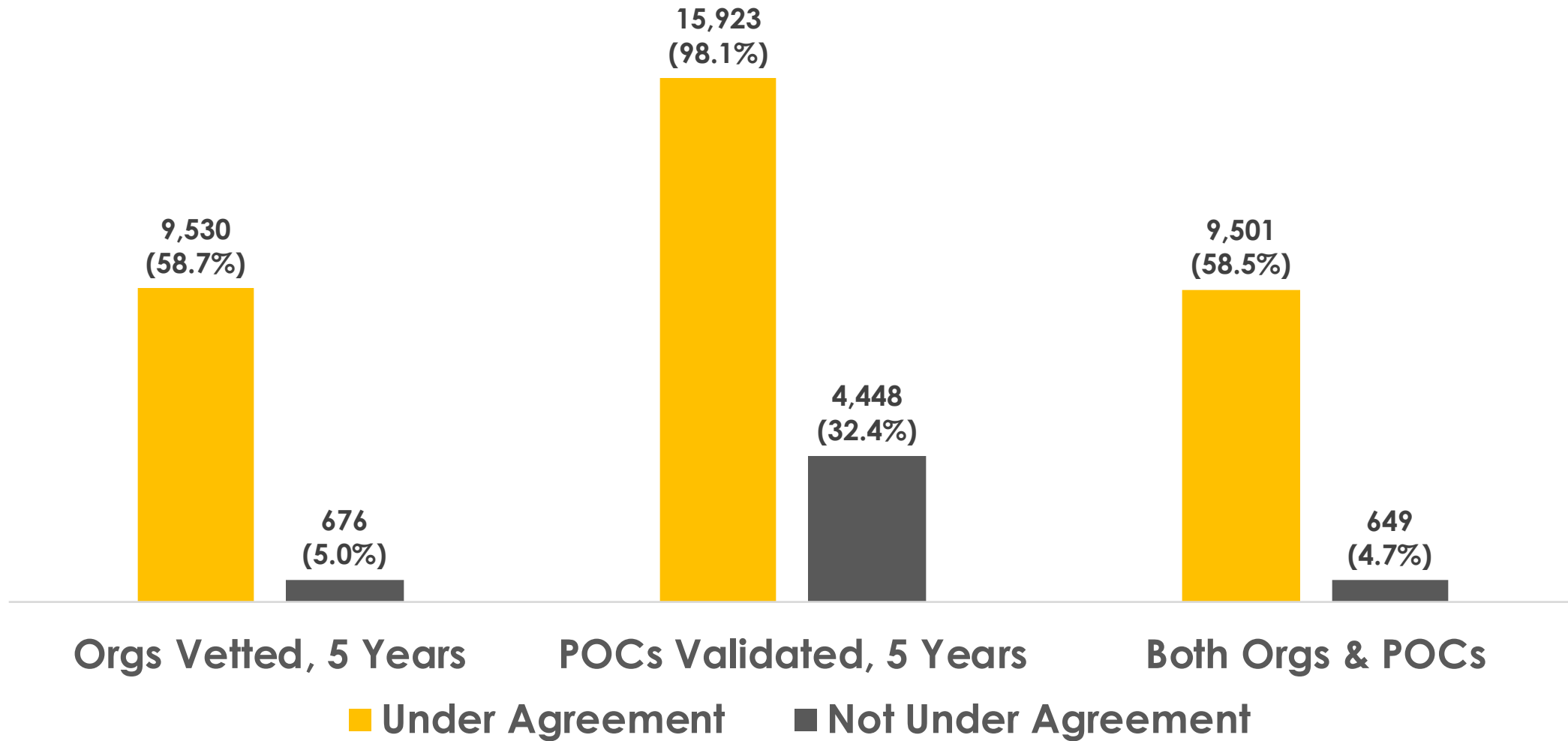


# Metrics - Current



- Required registration data listed for organizations that hold INRs must have been confirmed as up-to-date or updated in past 5 years
- Required contact (POC) data listed for the INR holder must have been confirmed as up-to-date or updated in the past 5 years
- Local measurement performed by ARIN

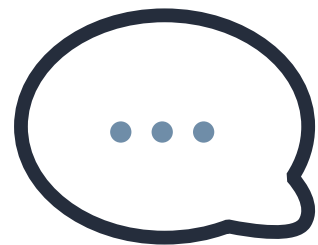
# Number Current



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**Thank you.**

Any Questions?



# Discussion

