REGIONAL WIRELESS COOPERATIVE

ANNUAL REPORT 2025

TABLE OF CONTENTS

EXECUTIVE DIRECTOR'S MESSAGE

RWC Members and Interested Parties,

As we conclude 2025 and welcome the new year, I am honored to continue serving as the Executive Director of the RWC. Collaborating with an engaged, thoughtful, and responsive RWC Board of Directors alongside our supportive technical staff is immensely rewarding. It is an honor to serve our Member agencies and contribute to our mission of supporting efforts to protect and enhance the lives of residents, visitors, and elected officials.

I am proud to lead a team of highly professional, dedicated, and dynamic individuals within RWC Administration. Our Management Assistant, Nicholas Roosevelt, manages RWC contracts, agreements, policies, procedures, and the coordination of working groups. Our Accountants, Almira Santos and Mark Sampson, provide accounting, billing, revenue collection, and payment support. Our Administrative Aide, Selena Barner, provides crucial support to RWC administration by handling scheduling, meeting minutes, electronic record-keeping, and Member relations. I deeply appreciate the invaluable contributions each one of you makes every day. Thank you.

The RWC was established to create, manage, and operate a public safety-grade communications system for the greater Phoenix Metropolitan region, serving over 3.7 million residents and millions of visitors annually across more than 5,000 square miles of the beautiful Sonoran Desert. Our subscriber count is approaching 50,000 units across Member, Associate, Conditional, and Interoperability agencies. Despite this large number of subscribers, in 2025 we reached nearly *"five nines"* (99.997%) of system reliability—a remarkable feat given the system's complexity, size, heavy use, and an ever-increasing number of radios using the system. This exceeded 2024's level of nearly *"four nines"* (99.99%). My gratitude extends to the City of Phoenix and City of Scottsdale Radio Shops as Managing Members, along with individual Member agency technical representatives for maintaining the system at such a high level.

We continue to value the collaboration with the Phoenix Radio Shop, Network Operations Center, other supporting City of Phoenix Departments (Budget & Research, Finance, Government Relations, HR) as well as technical staff from our Member agencies and Interoperability participating agencies. Thank you to everyone for your continued support in 2025, and I look forward to continuing our excellent work in 2026!

Regards,

John Imig, Executive Director
Regional Wireless Cooperative
February 2026

The VHF communications system previously used by the City of Phoenix's public safety and other departments was based on outdated technology, and by the 1990s it was no longer able to meet the operational needs of its users. After thorough research and several consultants' recommendations, the city funded and initiated the replacement of the existing system with an APCO Project 25, 800 MHz digital trunked radio system. With the new radio system operational by 2005, the *Phoenix Regional Wireless Network* (PRWN) was established, marking the transition of the Phoenix Police, Fire, and Municipal Departments to the new system.

PRWN was initially conceived as a regional radio system supporting the city's operations, as well as those of the Fire Department's automatic aid partners. However, by 2008, with a clear understanding of the local government entities' requirements for a regional communications system, PRWN was dissolved and transitioned into the replacement *Regional Wireless Cooperative* (RWC), complete with new structure, governance, policies, and procedures. The RWC now oversees the administration, operation, management, maintenance, and expansion of this regional communications network.

Governance

The RWC is a cooperative body constituted under a series of Intergovernmental Agreements (IGAs). Membership is available to local, state, federal, and tribal entities and currently encompasses most of the communities in the Greater Phoenix Metropolitan Area. Governance is provided by a Board of Directors, consisting of one executive representative from each Member entity. The Board directs the operation, maintenance, planning, design, implementation, and financing of the RWC.

The City of Phoenix serves as the "Administrative Manager" responsible for administering and managing the finances of the RWC. Five administrative staff positions support the RWC: Executive Director, Management Assistant II, Accountant IV, Accountant I, and Administrative Aide. These RWC staff are employees of the City of Phoenix within the Office of Government Relations (OGR) under the City Manager.

RWC SYSTEMS

700 MHz Trunked

The Regional Wireless Cooperative (RWC) utilizes a Motorola Solutions ASTRO 25™ APCO Trunked P25, Phase II Standard digital trunked radio system. This system operates within the 700 MHz frequency band and employs advanced communication techniques such as Simulcast, IP Simulcast, and site trunking. It covers eight major simulcast subsystems along with 11 ASR Sites (ASTRO 25™ Site Repeaters) distributed over more than 60 sites, providing extensive coverage throughout the Greater Phoenix region. This robust system offers numerous benefits, including wide-ranging coverage that ensures reliable communication across diverse terrains, real-time interoperability among various public safety agencies, and the efficient sharing of resources and costs, thereby enhancing overall operational effectiveness.

VHF Simplex (Fire Hazard-Zone)

This VHF (Very High Frequency) conventional radio system is specifically designed to support fire departments during hazard-zone operations, such as firefighting and hazardous materials (hazmat) situations. It facilitates direct radio-to-radio communications which are crucial in emergency scenarios where immediate and clear communication can save lives. The system comprises 15 simplex channels spread across 70+ sites, ensuring thorough coverage and connectivity in critical areas. Fire member agencies, which benefit from this essential service, are billed separately for its use and maintenance. The maintenance and management of this system is a collaborative effort overseen by the cities of Phoenix and Scottsdale, ensuring continuous upkeep and operational reliability.

INTEROPERABILITY PROGRAM

The RWC system supports interoperability among various agencies with 80 interoperable talk groups, both encrypted and unencrypted. These channels facilitate communication between RWC Members and other public sector areas like Law Enforcement, Fire, and EMS. They can be reserved for future events or used tactically in real-time, including task force operations and pursuits. Significant grant funding has enhanced the regional use of the system, linking dispatch centers (PSAPs), increasing capacity, and providing emergency cache radios for robust communication during crises.

The RWC system plays a crucial role in supporting communications for numerous special events in the Phoenix Metropolitan area, including the Fiesta Bowl, WM Open, NFL Super Bowls, NBA and WNBA Playoffs, MLB All-Star and World Series games, and NCAA Final Four Basketball Tournaments. Its effectiveness ensures coordinated efforts among public safety agencies.

The RWC system also enhances daily operations for public safety agencies in the Greater Phoenix Region. Most public safety agencies are equipped to operate with RWC members and other local agencies, including federal, tribal, state, county, and support agencies, ensuring effective communication during emergencies, routine operations, and large-scale events.

INTEROPERABILITY PARTICIPATING AGENCIES

Ak-Chin Indian Community

Arizona Air National Guard 161ARW

Arizona Army National Guard

Arizona Attorney General's Office

Arizona Department of Corrections

Arizona Department of Game and Fish

Arizona Department of Health Services

Arizona Department of Juvenile Corrections

Arizona Department of Liquor Licenses and Control

Arizona Department of Public Safety

Arizona Department of Transportation

Arizona Division of Emergency Management

Arizona State University Police

BNSF Railway Police

Bureau of Land Management

Carefree Fire Department / Rural Metro

Casa Grande Fire Department

Cave Creek Marshal's Office

Circle City / Morristown Fire District

Community Bridges, Inc.

Department of Homeland Security - Investigations (HSI)

Department of Homeland Security – Tucson Air Branch

Drug Enforcement Agency (DEA)

Federal Bureau of Investigations (FBI)

Town of Florence

Gila River Indian Community

Grand Canyon University Police Department

Luke Air Force Base 56th Wing

Maricopa County Adult Probation

Maricopa County Attorney's Office

Maricopa County Department of Emergency Management

Maricopa County Department of Transportation

Maricopa County Judicial Branch Security Department

Maricopa County Juvenile Probation Department

Maricopa County Office of Enterprise Technology

Maricopa County Sheriff's Office

Palo Verde Generating Station Fire Department

Pinal County Sheriff's Office

Rural Metro Fire Department

Salt River Pima Maricopa Indian Community

Topaz Regional Wireless Network (TRWC):

> City of Apache Junction
>
> Fort McDowell Yavapai Nation Fire Department
>
> Fountain Hills Fire Department
>
> Town of Gilbert
>
> City of Mesa
>
> Town of Queen Creek
>
> Rio Verde Fire District
>
> Superstition Fire District

Union Pacific Railroad Police

United States Marshals Service

Yavapai County Sheriff's Office

The Mission of the Regional Wireless Cooperative (RWC) is to provide seamless operable and interoperable communications for all Members through a governance structure founded on the principle of cooperation for the mutual benefit of all Members.

RWC VALUES

We Are Dedicated to Serving Our Customers
We succeed by responding to and focusing our attention on the needs of our customers.

We Value and Respect Diversity
Understanding diversity helps us to work together and serve our communities.

We Work as a Team
Teamwork is the basis of our success. We use cooperation as our first tool in working with others.

We Each Do All We Can
We each have the opportunity and responsibility to develop and use our skills to the highest level.

We Learn, Change, and Improve
We are open to new methods, and we listen and learn from others. Training and education are the basis for our success.

We Focus on Results
Each of us knows the level of our customer satisfaction, our response time in delivering services and the cost of those services. We use information about the results we provide so we can improve.

We Work with Integrity
Whenever we make a decision, provide a service or deal with customers, we act with honesty and integrity.
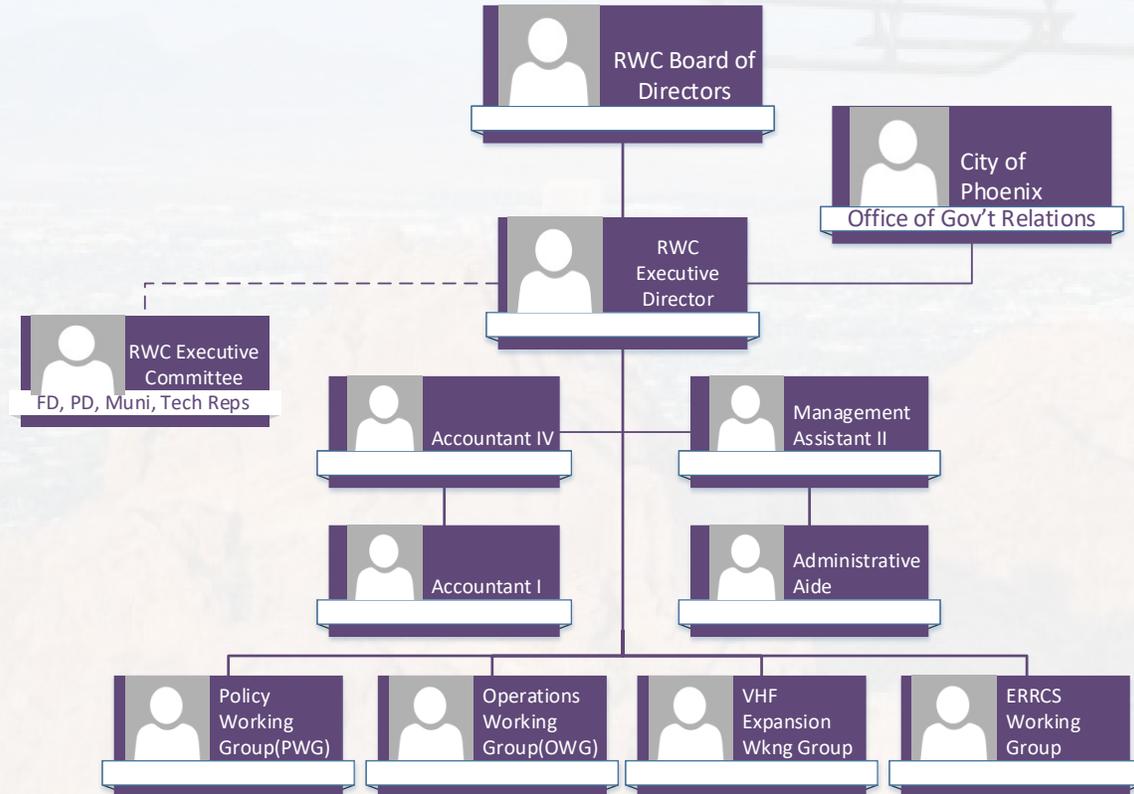
We Make the RWC Better
We work to make the RWC better. Improving the RWC is the reason we come to work each day.

ORGANIZATIONAL STRUCTURE

The RWC is governed by a Board of Directors, with all members of the RWC having a seat and a vote on the Board. The Executive Director reports to the Board of Directors and serves as a non-voting member of the Executive Committee. The Executive Director is supported by the Executive Committee, the Operations, Policy, ERRCS, and other Working Groups, in addition to four staff positions who assist with the administration and financial management of the RWC.

RWC Board of Directors

City of Phoenix
Office of Gov't Relations

RWC Executive Director

RWC Executive Committee
FD, PD, Muni, Tech Reps

Accountant IV

Management Assistant II

Accountant I

Administrative Aide

Policy Working Group(PWG)

Operations Working Group(OWG)

VHF Expansion Wkng Group

ERRCS Working Group

FIRE AND EMS MEMBERS

* Arizona Fire and Medical Authority (AFMA) – Comprised of North County (Sun City West, Wittmann), South County (Guadalupe, Sun Lakes, Tonopah), and Buckeye Valley Fire Districts.

**ASSOCIATES – Authorized agencies using the system while contracted to RWC Members

LAW ENFORCEMENT MEMBERS

*Long-Term Conditional Participant (LTCP) – Agency authorized to use the system for day-to-day operations under specific policies

BOARD OF DIRECTORS (2025)

Chair
Val Gale
City of Chandler
Assistant Fire Chief

Vice Chair
Michael Grant
City of Maricopa
Assistant Fire Chief

Arizona Fire & Medical Authority
Shawn Holcomb
Fire Chief

City of Avondale
Jeff Scheetz
Chief Information Officer

City of Buckeye
Greg Platacz
IT Director

City of El Mirage
Paul Marzocca
Police Chief

City of Glendale
Rick St. John
Deputy City Manager

City of Goodyear
Paul Luizzi
Fire Chief/Interim Deputy City Manager

City of Peoria
Douglas Steele
Deputy Police Chief

City of Phoenix
Steen Hambric
Chief Information Officer

City of Scottsdale
Bianca Lochner
Chief Information Officer

City of Surprise
Cody Worrell
Battalion Fire Chief

City of Tempe
Kyle Carman
Assistant Fire Chief

City of Tolleson
Michael Young
Fire Chief

Daisy Mountain Fire & Medical
Alan Zangle
Assistant Fire Chief

Federal Reserve Bank of San Francisco
Milton Wiener
Police Chief
Southern Region

Harquahala Fire District
Jeff McMenemy
Fire Chief

Maricopa Community College District
Blair Barfuss
Police Chief

Sun City Fire & Medical Department
Rob Schmitz
Fire Chief

Town of Paradise Valley
Patrick Beumler
Police Commander

Town of Wickenburg
Les Brown
Police Chief

EXECUTIVE COMMITTEE

The Executive Committee acts as an advisory body that provides valuable expertise in communications and operations to support the efforts of the Executive Director. Its functions may include reviewing and approving proposals, recommendations, budget and financial reports, network performance reports, and Board of Directors meeting agendas.

The Executive Committee is composed of five representatives, including one Police Department executive manager, one Fire Department executive manager, one Municipal executive manager, one Chief Information Officer (or equivalent), and one executive manager from the Administrative Managing Member. The committee ensures diverse representation by not being comprised of members from a single entity.

Executive Committee Chair

Brent Ackzen
Deputy Director
Glendale Police Department

Area Representatives

Lisa Faison
Chief Information Officer
City of Goodyear

Doug Sandstrom
Deputy City Manager
City of Surprise

Tom Grebner
Deputy CIO - Wireless
City of Phoenix

Jeff Schripsema
Assistant Chief
Phoenix Fire Department

OPERATIONS WORKING GROUP

The Operations Working Group (OWG) is responsible for addressing network services, operations and maintenance issues, performance issues, impact assessments, and other Network technical matters for both the Trunked and VHF systems. The group consists of Member agency technical and operational practitioners and pursuant to RWC Governance Subsection 2.2.12, are tasked with the following: Discussing and/or providing operational or field input regarding RWC Network use and performance; sharing knowledge and experience; receiving input from RWC department delegates, industry providers or RWC management (or RWC management designee); and conducting other related activities.

Currently, the group meets monthly, and the meeting is facilitated by the Executive Director. These meetings provide a forum to address issues large, and small and their importance cannot be overstated.

VHF EXPANSION WORKING GROUP

The RWC formed this working group in 2024 to address issues with the VHF Network expansion. The group has drafted a VHF-specific policy outlining fiscal responsibilities for Members and the Network, which is essential due to the backend expansion needed for new sites.

They are also addressing long-term growth to prevent congestion on limited VHF channels. The RWC is still planning on implementing channel A-14 to increase VHF coverage in the Far West Valley. Necessary FCC approvals have been obtained and testing has taken place. However, this channel has not yet been operationally finalized by the Phoenix Fire Department, but the VHF group will continue working to ensure progress on this and future projects.

POLICY WORKING GROUP

The Policy Working Group (PWG) is responsible for developing and revising RWC policies and procedures as necessary, as well as for periodic review (no less frequently than every two years). The PWG consists of representatives from Member agencies, meeting as necessary throughout the year. Policies and procedures completed by the PWG must be approved by the Operations Working Group, Executive Committee or Board of Directors prior to implementation.

In the last year the PWG drafted a new SmartConnect Policy which dictates the responsibilities for both the Members and the RWC when using this new feature. SmartConnect has and continues to grow in popularity and usage by our Members. Having this policy in place ensures the RWC can adapt as needed to address it.

FINANCIAL MANAGEMENT

The responsibilities and tasks of managing the financial well-being of the Regional Wireless Cooperative include Fund management, Budget Development, Subscriber Unit Rates and Fees, Member Billing, Procurement, Financial Reporting and Financial auditing.

RWC Trunked Network Annual Budget	FY 2024-25	FY 2025-26
Operations, Maintenance and Staffing	$8,548,115.00	$8,735,910.00
System Upgrade (SUAII)	$2,517,647.31	$2,548,926.00
Logging Recorders (Billed to specific Members)	$695,972.11	$541,731.00
Router Replacement Program	$0.00	$169,500.00
Comm Site Video Monitoring & Site Access	$0.00	$236,250.00
Microwave Radio Lifecycle Replacement	$0.00	$643,125.00
Total Budget	$11,761,734.42	$12,875,442.00
Subscriber Unit* Rate	$34.06	$33.69
Total Positions (Administrative Staff)	4	4

RWC Conventional (VHF) Network Annual Budget	FY 2024-25	FY 2025-26
Operations, Maintenance and Staffing	$541,990.00	$575,676.00
VHF Tower End-of-Life Replacement	$351,180.00	$351,180.00
Router Replacement Program	$0.00	$56,500.00
Comm Site Video Monitoring & Site Access	$0.00	$78,750.00
Microwave Radio Lifecycle Replacement	$0.00	$214,375.00
Total Budget	$893,170.00	$1,276,481.00
Subscriber Unit* Rate	$9.82	$10.22
Total Positions (Administrative Staff)	1	1

*Includes Mobile & Portable Radios, Control Stations/Consoles

Funding

The RWC is financed through annual membership fees and special assessments imposed on the Members. These annual fees are allocated towards administrative services, network operations and maintenance, infrastructure replacement, and system upgrades.

Operations, Maintenance, and Staffing Costs

The budget allocated for operations, maintenance, and staffing is dedicated to covering the costs associated with maintaining and staffing the RWC Network. This includes labor expenses related to network operations and maintenance, microwave expenses, and software subscriptions and service agreements with Motorola. Additional costs encompass land leases, utility charges, insurance premiums, and management expenses. Staffing costs cover salaries for the RWC Executive Director and support staff, including an Encryption Specialist, as well as office expenses.

Capital Improvement Project Fund

Funds earmarked for system upgrades, infrastructure replacement, and other long-term capital improvement projects (CIP) are managed within this fund. Contributions from RWC members to the CIP Fund are factored into the calculation of members' equity percentages in the RWC.

Operating Fund Contingency

The Operating Fund Contingency serves to provide financial reserves for the operation and maintenance of the communications network. Member contributions required to maintain a minimum balance are accounted for in the RWC operating reserve fund.

Equity

Members who have contributed assets or funds towards RWC infrastructure possess equity in the RWC. The total equity held by RWC members corresponds to the Net Position of the RWC.

Awards

The Government Finance Officers Association of the United States and Canada[1] ("GFOA") awarded the RWC it's *Certificate of Achievement for Excellence in Financial Reporting* for the RWC's Annual Comprehensive Financial Report (ACFR) for the fiscal year ended June 30, 2024. The Certificate of Achievement is a prestigious national award recognizing conformance with the highest standards for preparation of state and local government financial reports. The RWC has won this award every year since 2012 and has already submitted documentation for FY25.

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[1] https://www.gfoa.org/

PROJECTS AND MAJOR INITIATIVES

Below are some of the projects and initiatives undertaken by the RWC in 2024-25. They were aimed at increasing radio coverage, reliability, and efficiency. They not only showcase the Regional Wireless Cooperative as a highly reliable public safety radio communications system, but also, they highlight our commitment to equity and regional partnership.

COMPLETED IN 2025

Valleywise Health Medical Center (via Maricopa County Sheriff's Office)

In 2025, the RWC granted MCSO temporary Conditional Participant Status to enable them to occupy and serve the newly constructed hospital. This initiative, launched through the RWC's Good Neighbor Policy in 2024, was needed to allow MCSO the time to address significant ERRCS challenges. Having resolved these issues, MCSO has now transitioned back to their own network and reverted to Interoperable Participant status.

Dispatch Centers

In 2025, the RWC worked with the City of Phoenix, the City of Maricopa and the City of Buckeye to integrate their new centers into the Network.

PROJECTS (In-Progress)

West Valley Resource Expansion

Due to the rapid growth in the West Valley, the RWC via the VHF Expansion Working Group has been exploring opportunities to address the future needs of the area. The RWC identified, funded, developed a technical solution, and received FCC licensing to add an additional VHF channel (A14) to the White Tanks site. This project is awaiting operational approval from the Phoenix Fire Department, and we hope to have this completed in 2026.

Migration Assurance Plan

The RWC has been working closely with Motorola Solutions Inc. to plan the implementation of their new backend equipment. This is a significantly costly and complicated long-term project and the RWC is working to ensure that the Members are prepared and included in the process from the Board of Directors to the Operations Working Group.

Network Level Resilience

The RWC has long wanted sought a solution to be fully redundant. Due to the near completion of the Ethernet Project, this is now a reality via an upcoming Dynamic System Resilience (DSR) initiative. This project was initiated in 2025, and has Board funding approved for FY27, with the goal of beginning the project in July, 2026.

PROJECTS (In-Progress - Continued)

Regional Real Time Crime Centers (RTCC's)

The RWC is currently assisting our Members, specifically Chandler, Glendale, Peoria, Phoenix and Scottsdale, in their RTCC's integration to the system. RTCC's are proving a valuable tool and the RWC expects to see growth in this area throughout 2026.

City of Buckeye – "Tartesso" Site

The RWC is assisting Buckeye with the addition of a new site in the Tartesso community (Sun Valley Pkwy, north of I-10). This is a very involved project and the RWC will provide support for testing, design, and integration. The project will continue to move forward into 2026.

City of Surprise "SPA I" Site

The RWC has been supporting the City of Surprise with their addition of a new site covering south central Surprise. The project will continue into 2026.

TDMA Migration

With the TDMA upgrade completed, the network continues to convert talkgroups that have TDMA compliant radios to TDMA 'dynamic dual' mode. Our members continue to work toward utilizing TDMA-capable radios. Some agencies have reached 100% and others are still moving in that direction. This is imperative that all talkgroups and subscribers be transitioned to TDMA to reap the fiscal and operational benefits, especially with the proposed MAP. Currently, roughly 80.47% of all network talkgroups are being conducted via TDMA, up from 56.7% at the last report.

PROJECTS (In-Progress - Continued)

Leased Line Replacements

The RWC continues to move the Network off any remaining legacy, leased T-1 lines, which are no longer being supported actively by telecommunications carriers. The Phoenix Radio Shop is working with each agency affected by these moves and will be continuing this transition throughout 2026, with completion expected later in the year.

Ethernet Upgrade

In 2022 the RWC Board of Directors approved a comprehensive solution including a funding plan to meet Motorola requirements that the Network be fully ethernet capable. In 2024, the RWC Board added an additional Backhaul Specialist position to provide support to the Transport Lead. The RWC continues to work with Motorola to ensure that the upgrade costs are contained, and the integration is smooth. The RWC completed the preliminary work with Juniper Solutions in 2024 and will continue transitioning zones in 2026.

RADIO COUNTS

Radio counts give a generalized picture of the size and relative volume of the system. Radios on the system include all consoles, control stations, portables, and mobiles. They also include radios used by the RWC Members and those radios used by outside agencies for interoperability. While the quarterly radio counts are a snapshot in time, historically the Network has had a steady year-over-year growth in radio count. 2025's totals are shown below:

RWC Trunked (700 MHz) Network

FY 2024-25	July	October	January	April
Members*	21,555	21,737	22,949	22,915
Interoperability Agencies	22,245	22,281	23,609	23,922
Grand Total	43,800	44,018	46,558	46,837

RWC Conventional (VHF) Network

FY 2024-25	July	October	January	April
Members	4,708	4,692	4,844	5,320

*Includes Member, Associate, Conditional Participating Agencies

SYSTEM PERFORMANCE

Overall System Statistics

The chart below shows system statistics, including the number of calls, busy signals, and emergency calls, with their total and average durations. A busy signal happens when all channels are in use, making the user wait. An emergency call is made by pressing the emergency button on a radio. The system's Grade of Service (GOS) is also displayed, with more details provided in the next item. For an accurate performance perspective, statistics for each subsystem are available from the RWC, due to the large volume of data.

FY 24/25 System Statistics	
Total Number of Calls	28,688,783
Total Call Duration (Hours)	63,290
Total Call Duration (Sec)	227,844,000
Average Call Duration (Sec)	7.9
Average Calls per Day	78,385
Total Busies	140
Busy Duration (Hours)	0.043
Total Busy Duration (Sec)	155
Average Busy Duration (Sec)	1.1
Average Busies per Day	0.4
Total Emergency Calls	2,634
Total Emergency Duration (Hours)	20
Total Emergency Duration (Sec)	70,926
Average Emergency Duration (Sec)	26.93
Average Emergencies per Day	7.2
Overall System Reliability	**99.9975%**

SYSTEM PERFORMANCE (continued)

Grade of Service

Grade of Service (GOS) measures how often users get a "Busy" signal when they "Push to Talk" (PTT) on their radio. It is calculated as the number of Busy signals divided by the total PTTs, expressed as a percentage. The RWC system aims to keep GOS at 2% or less, meaning no more than 2 Busies per 100 PTTs. Each Simulcast and ASTRO 25™ Site Repeater (ASR) subsystems GOS is measured weekly (for reference, the 2% goal was *not* exceeded in 2025). The table on the next page shows the *average GOS* for each subsystem over the past year.

System Use

System and Peak Use indicate the average (System) and highest (Peak) usage of system channels, shown as the percentage of channels used out of the total available for each Simulcast and ASR subsystem.

SYSTEM PERFORMANCE (continued)
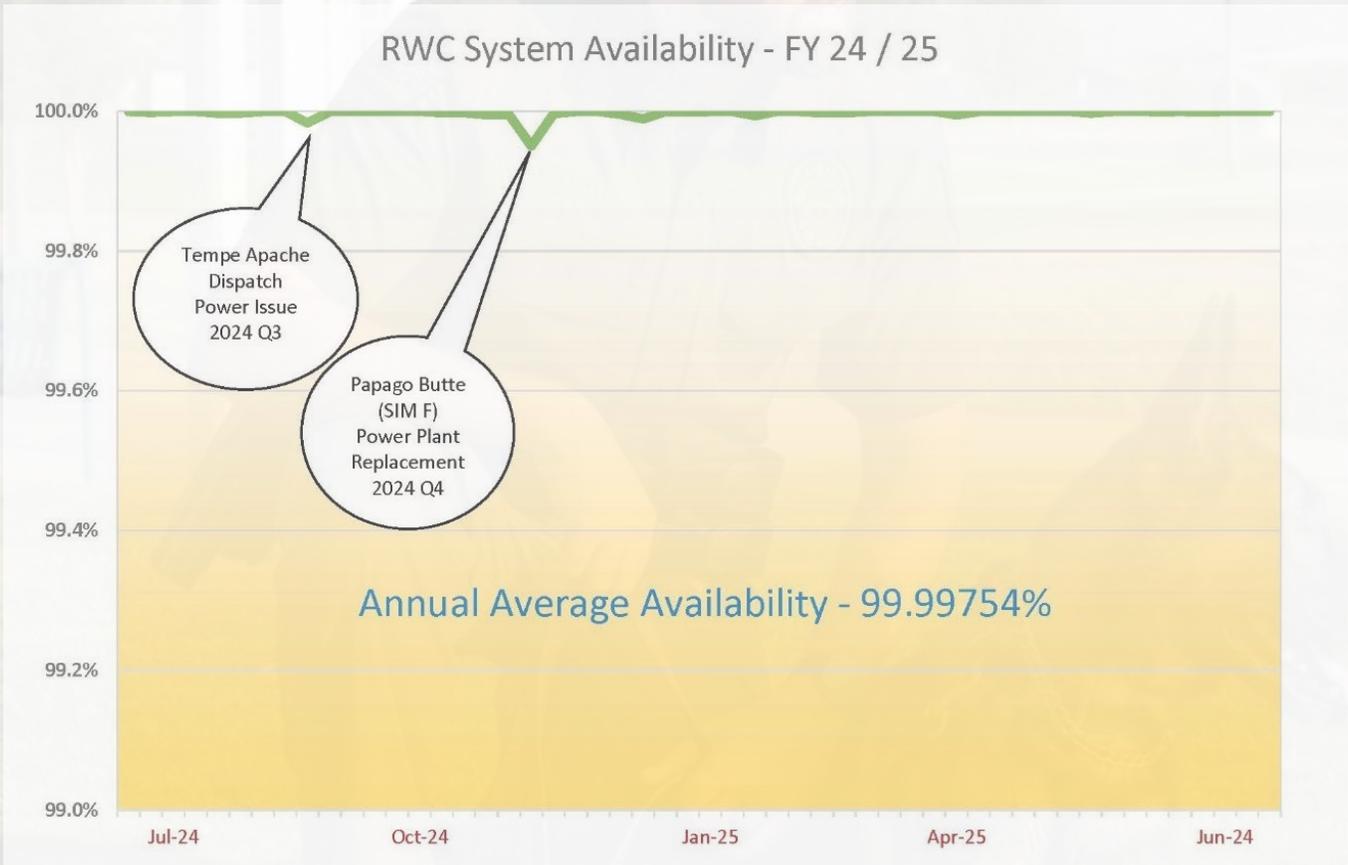
Site Utilization / Grade of Service – FY 24-25

| Subsystem/Site	Average Use	Traffic % Change From FY24	Peak Use	Peak Use % Change From FY24	Average GOS
Simulcast Subsystems					
Simulcast A (Phoenix PD/Muni)	29.30%	-7.0%	40.19%	-18.2%	0.000%
Simulcast B (Phoenix FD/Muni)	23.08%	-10.0%	31.60%	-7.6%	0.000%
Simulcast C (Southeast Valley)	24.73%	-15.6%	33.44%	-23.6%	0.000%
Simulcast D (Far North Valley)	22.52%	-7.0%	31.20%	-1.8%	0.000%
Simulcast F (Tempe)	17.77%	-21.2%	24.59%	-23.3%	0.000%
Simulcast G (West Valley)	31.62%	-6.6%	47.28%	-28.3%	0.000%
Simulcast H (Scottsdale/P.V.)	24.93%	-17.4%	40.94%	-27.8%	0.000%
Simulcast J (Southwest Valley)	24.95%	-12.5%	44.85%	-32.5%	0.000%
ASR's (ASTRO 25™ Site Repeaters)					
Burnt Mountain	31.58%	-15.2%	53.46%	-23.2%	0.045%
Mt Gillen	2.03%	+20.9%	4.46%	+6.8%	0.000%
North Mountain	13.10%	-3.5%	20.23%	-16.4%	0.000%
Sky Harbor Airport	12.07%	-8.0%	17.99%	-11.1%	0.000%
South Mountain	18.20%	-7.9%	24.17%	-11.2%	0.000%
Quintero	1.31%	-9.6%	4.14%	+20.6%	0.000%
Sacaton	8.00%	-4.4%	11.47%	-6.5%	0.000%
Thompson Peak	15.59%	-17.9%	21.19%	-17.6%	0.000%
Towers Mountain	11.47%	-1.4%	16.64%	-11.0%	0.000%
White Tanks	11.84%	-9.3%	15.43%	-0.9%	0.000%
Wickenburg	6.94%	-7.9%	13.83%	18.9%	0.000%

System Availability

System Availability (SA) is the percentage of time the system functions without affecting users. Since it consists of Simulcast and ASR subsystems, SA reflects the combined availability of these parts. The aim is to maintain nearly 100% availability from the user's perspective. Failures in components may occur, but system redundancy ensures user impact is minimal. If SA falls below 100%, it likely indicates a failure in a single subsystem, with most of the network still operational. Below is the System Availability for the RWC network from July 2024 to June 2025:

RWC System Availability - FY 24 / 25

Tempe Apache Dispatch Power Issue 2024 Q3

Papago Butte (SIM F) Power Plant Replacement 2024 Q4

Annual Average Availability - 99.99754%

CITY OF PHOENIX RADIO SHOP

The City of Phoenix is the Maintenance Managing Member for all RWC zones except Zone 3 (Simulcast H) which operates in and is managed by the City of Scottsdale. The Phoenix Wireless Systems group has highly qualified, dedicated professionals that work diligently on behalf of the Network. They, along with our Member agencies' wireless communications staff, are what ensure the Network functions at its highest level.
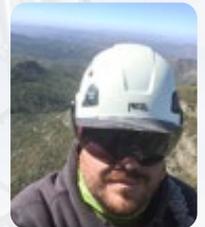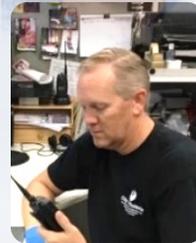
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