



# Washoe County Regional Communication System

P25 JOC  
10/17/2024

# Agenda Item #6

**WASHOE COUNTY REGIONAL COMMUNICATION SYSTEM STATUS AND OUTAGE REPORT [Non-Action Item]** – A presentation and discussion on the status and outages of the Washoe County Regional Communication System, including updates on recent maintenance, system disruptions, system usage, and system repairs.

*Melissa Lawney, Washoe County Technology Services*



# SYSTEM STATUS UPDATE



- **Radio Service Interruptions**

- **Tahoe Simulcast:** Running on IP Tube due to Slide Dish outage; replacement work on-going. Spectrum service outages caused additional disruptions this spring.
- **Fox Mountain:** Overheating required multiple visits for temporary cooling; a permanent AC solution is needed. New P25 system and high summer temperatures worsened the issue.
- **920 Evans:** Interference mitigated; working with the owner on a BDA solution that won't interfere with public safety.

- **VHF Radio Interference Troubleshooting**

- **TM VHF:** Issue traced to a microphone mismatch between older and newer BK radios; resolved by replacing mics.
- **Davis Creek Fire:** Additional interference issues arose but couldn't be investigated due to lack of resources.

- **WC Metro P25 Simulcast Outages**

- **August:** Two-hour outage caused by system misconfiguration; under investigation.
- **September:** NDOT VLAN outage caused console issues; vendor contacted to restore redundancy and microwave failover.

# WCRCS INFRASTRUCTURE MAINTENANCE AND REPLACEMENT UPDATE

- Generators
  - All Generators inspected and serviced
  - Awaiting Fox Generator to be installed in November (delivery keeps getting pushed back further)
- Radio maintenance & alignments
  - Anritsu Monitor out for repair.
- Security camera software Updated
  - Cameras purchased for Cold Springs, Ophir, Marble Bluff still need to schedule install.
- HVAC
  - All HVAC Units inspected and serviced.
  - Virginia Peak HVAC Installed
  - Peavine HVAC Installed
  - Slide AC HVAC Ordered
  - Fox Mountain will need new HVAC, With new P25 Equipment, and all the 100 Degree days we experienced, all outages were due to Heat concerns.



# Construction Updates

- **Tahoe Basin**

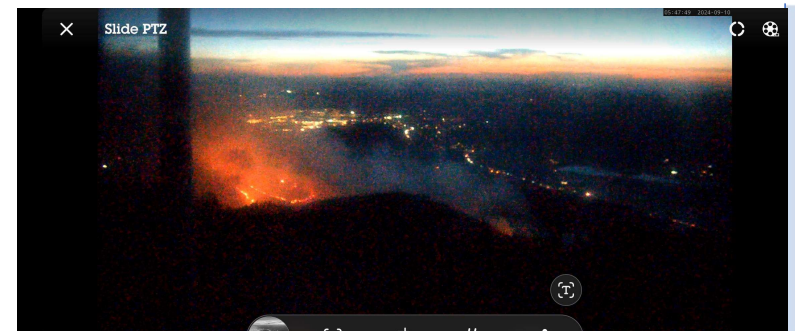
- Microwave installation starting during the Davis Fire, Work continued throughout the events, Thanks to TMFPD granting access to continue work.
- 7705 Router and Radio Traffic are still being cut over to the new links
- New IP Tunnel was installed, to help reduce outages that we have been seeing through the Spectrum circuit all Spring and Summer

- **Red Peak**

- Lease agreement approved by BCC
- Lease effective starting FY25
- Permitting process is expected to take six weeks
- Awaiting notice to proceed with construction from the owner

- **Smokey Quartz & Seven Lakes**

- Archeological reports reviewed by BLM 10/12/2024
- CMAR Engineering PO has been issued to make ready for BLM Lease





# Construction Updates

- **Marble Bluff**

- Plenium Builders is scheduled to complete the remaining two weeks of construction work.
- Plenium is coordinating with NVE to get on the construction schedule for the installation of a new transformer on site.
- L3Harris P25 antenna installation is planned for Spring 2025.

- **Biltmore**

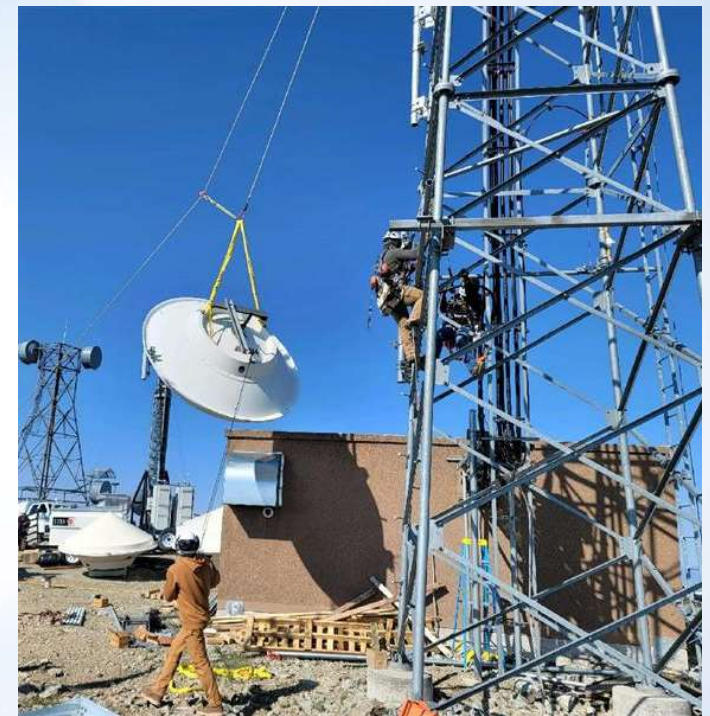
- Biltmore cabinet installation has been completed.
  - Load center connections were finalized at the end of August.

- **Microwave deployments 2024 :**

- Snowflake ⇄ Biltmore "ON-GOING"
- Biltmore ⇄ Slide "ON-GOING"

- **Microwave Deployments 2025 :**

- Marble ⇄ Poito \*
- Poito ⇄ Fox\*
- Red Peak ⇄ Spectrum\*
- Red Peak ⇄ Virginia\*



# System Update: Radio Call Counts (Push to Talk: PTT)- Agency Data (FIRE/LAW ENFORCEMENT/MEDICAL)



## Agencies

DEA	7,056
Air National Guard Fire	44,953
Airport	2,820,442
FBI	39,295
Incline Village General Improvement District	216
Nevada Air National Guard	11,939
NLTFPD	99,137
PLIC - consolidated	1,209,390
REMSA	28,051
Reno consolidated	13,737,238
RSIC Fire	674,366
Sparks consolidated	6,654,952
TMFPD consolidated	1,383,015
TMWA	35,128
UNR Police	578,281
VA Police	367,737
Washoe County Consolidated	17,051,557
Washoe County School District Consolidated	8,213,356

## Fire Agencies- Radio Call Counts

WCFSD	49,114
DEM	23,200
WC EOC	36,348
RSIC Fire	22,029
Air National Guard Fire	44,953
Reno Fire	2,362,992
PLIC - DEM	193,987
NLTFPD	99,137
TMFPD	1,383,015
Sparks Fire	765,974
State DEM	674

## Law Enforcement Agencies Radio Call Counts

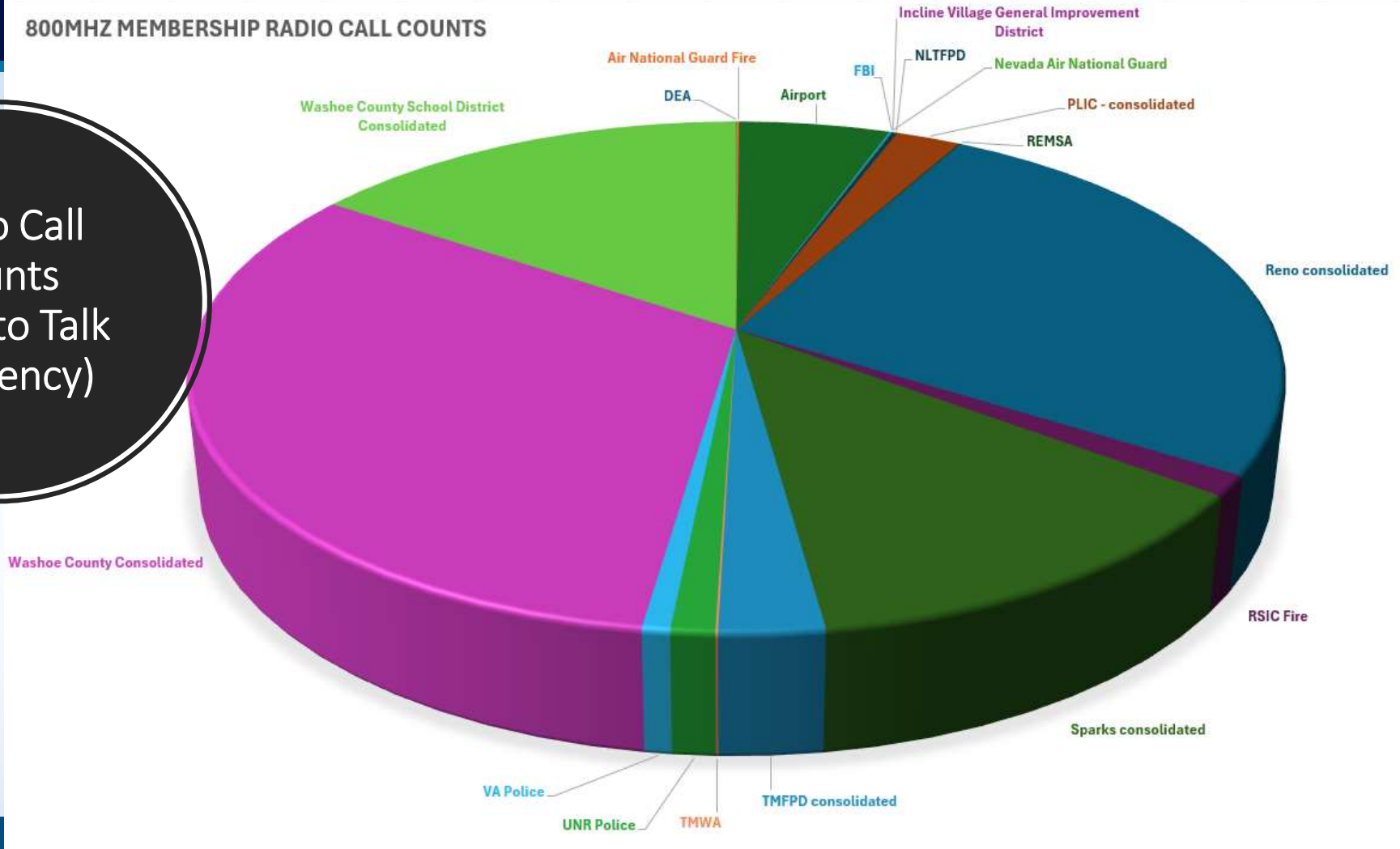
DEA	7,056
Sparks Dispatch	653,055
WC District Attorney - Investigations	4,937
Sparks Police	5,169,428
WC Juv Services	73,160
Dept. of Public Safety	39,668
FBI	39,295
VA Police	367,737
UNR Police	578,281
WC Sheriff	15,669,737
WC INCLINE JUSTICE COURT	5
RSIC Police	650,424
WC Alternative Sentencing	234,717
Reno Police	11,343,731
WCSD Police	1,010,003
WC Reno Justice Court - Probation	151,030
WC Medical Examiner	3,460
PLIC - Police	1,015,403

## Medical Community

Hawthorne Ambulance	507
RSIC Health	1,691
WC Health	20,828
REMSA	28,051
Hospital Saint Marys	135
WC Medical Examiner	3,460

### 800MHZ MEMBERSHIP RADIO CALL COUNTS

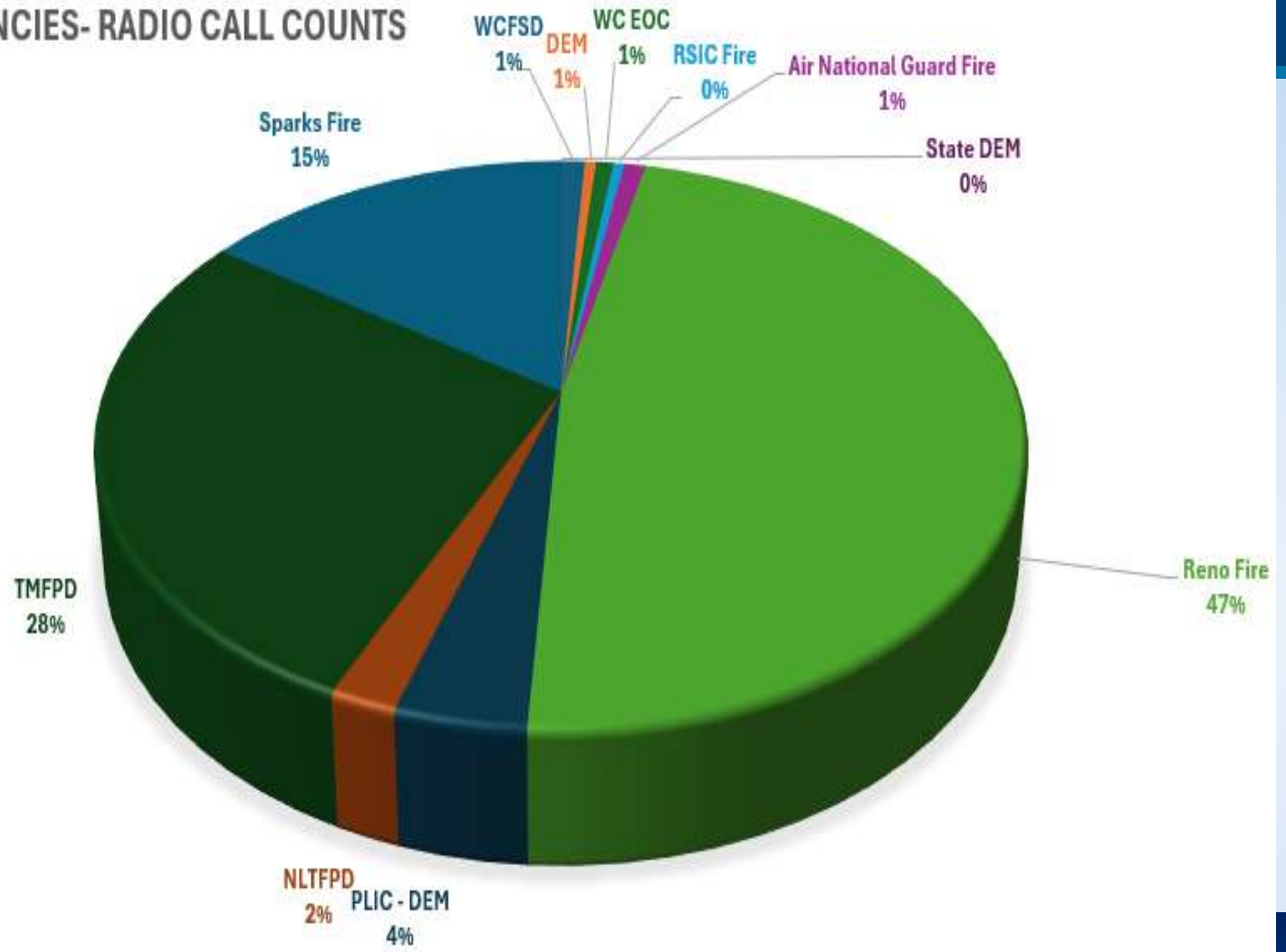
Radio Call Counts  
(Push to Talk by Agency)



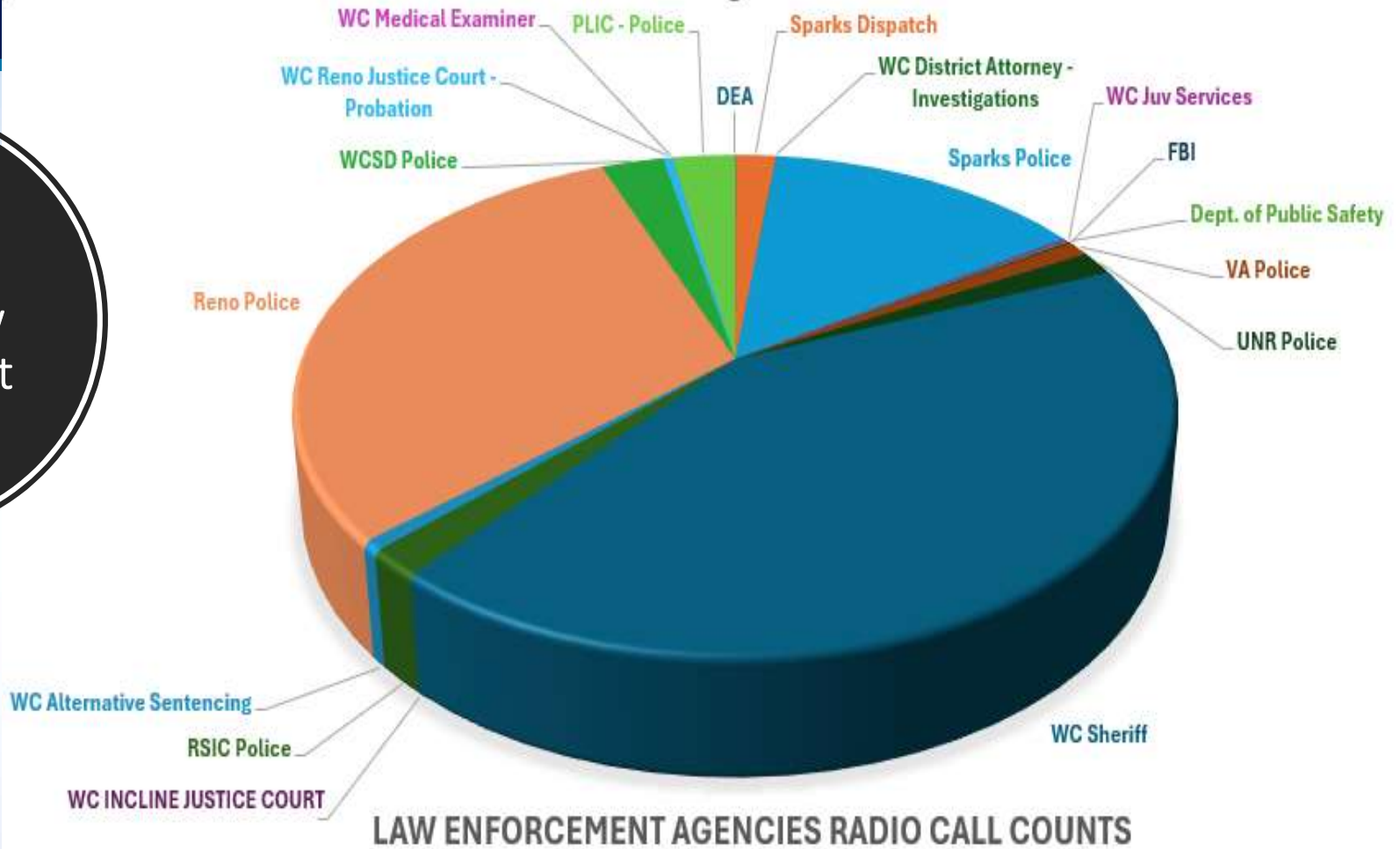


### FIRE AGENCIES- RADIO CALL COUNTS

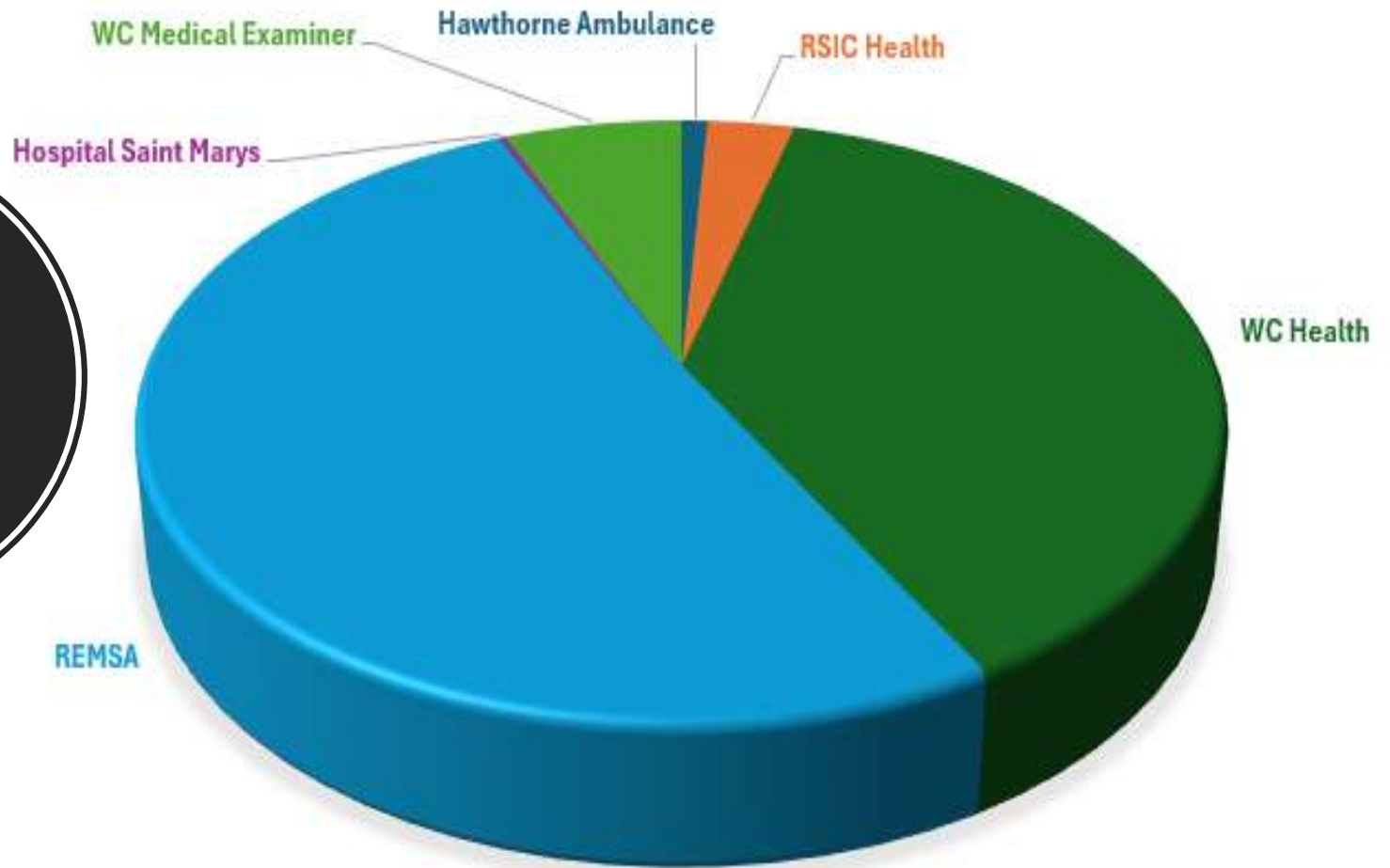
Radio Call Counts Fire Agencies



# Radio Call Counts Law Enforcement



Radio Call  
Counts Medi  
cal & Health



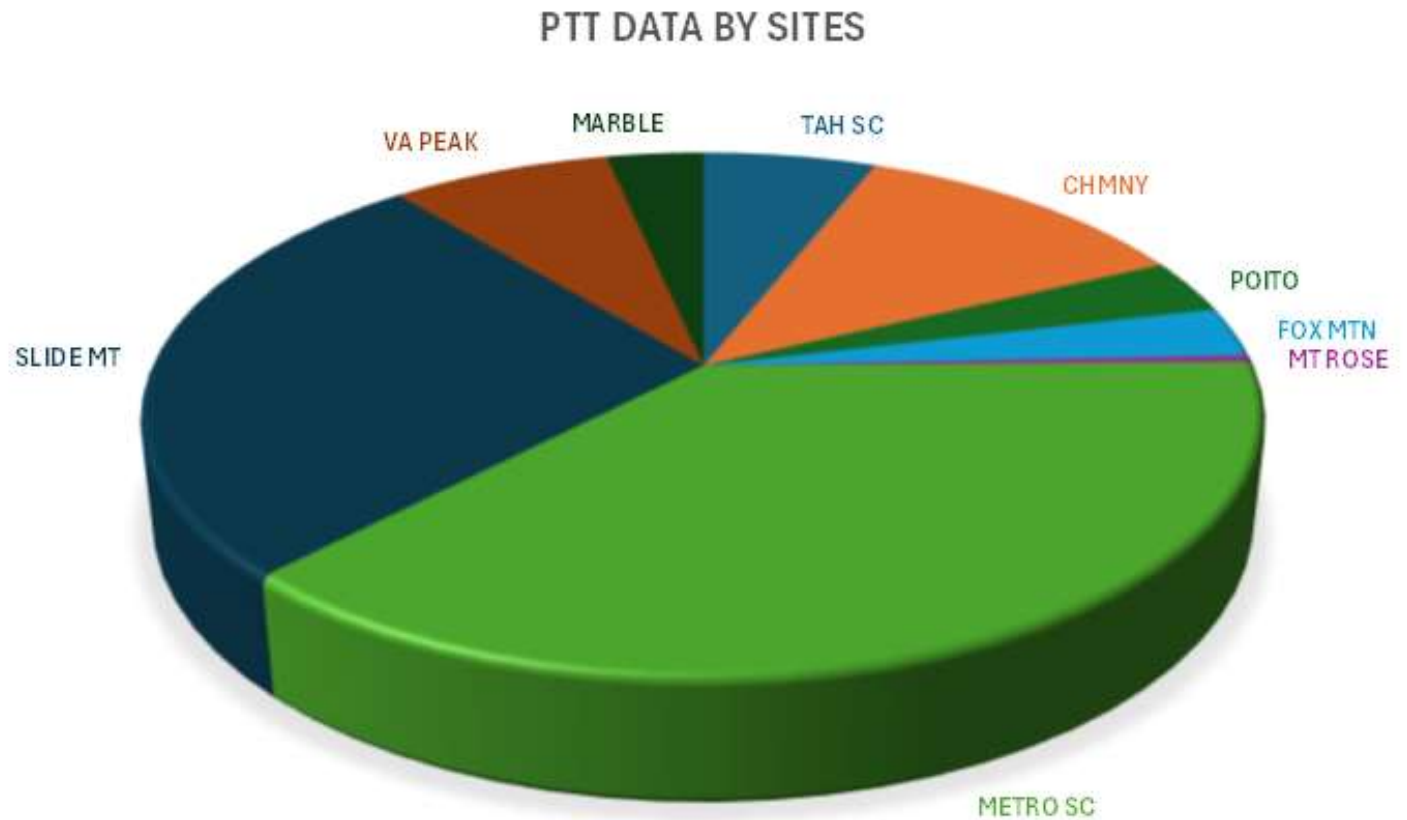
MEDICAL & HEALTH AGENCIES RADIO CALL COUNTS

# System Update: Radio Call Counts (Push to Talk: PTT)- Site Data



## PTT Data by Sites

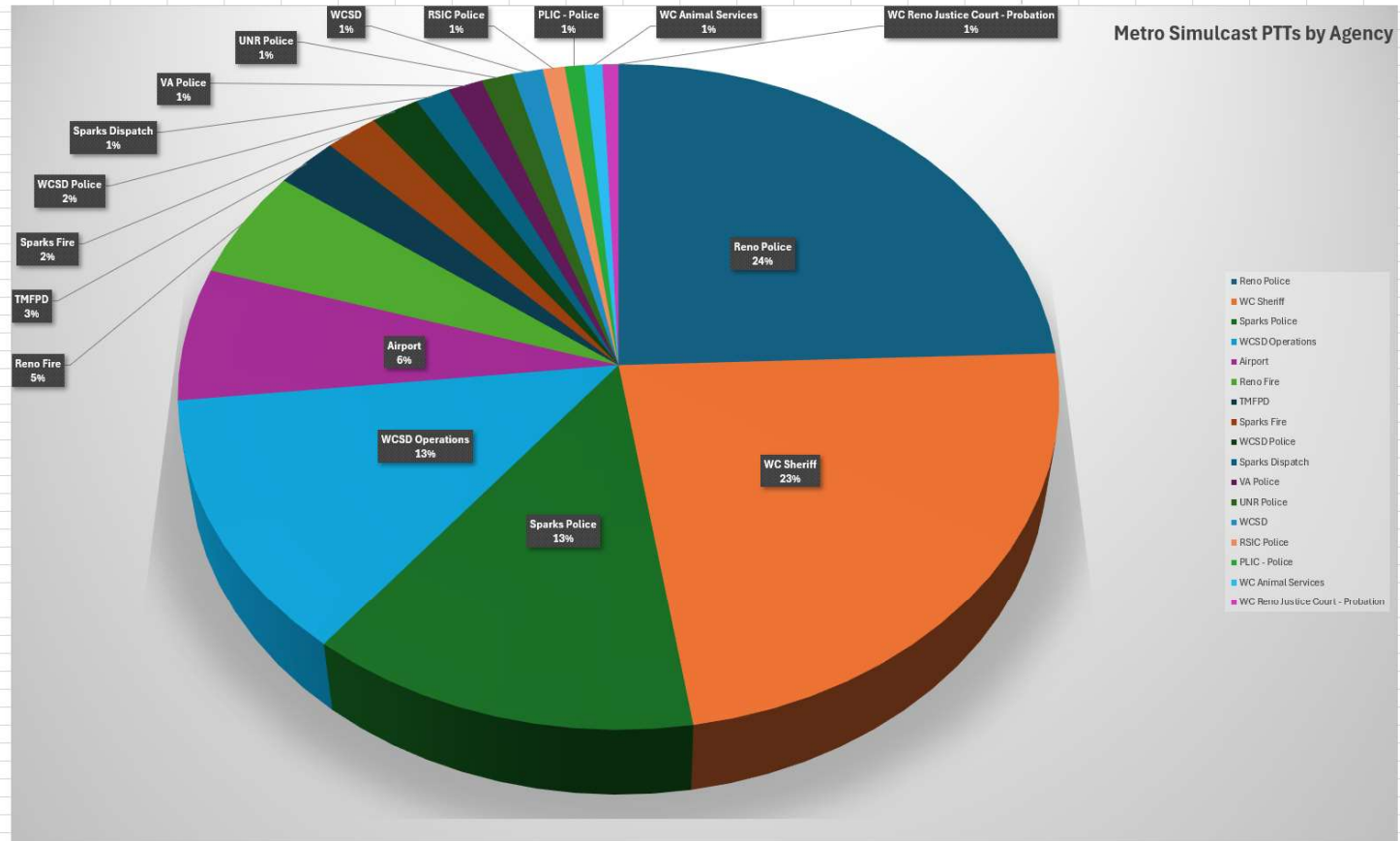
TAH SC	5,963,024
CHMNY	11,861,762
POITO	3,357,069
FOX MTN	3,061,609
MT ROSE	409,340
METRO SC	37,245,101
SLIDE MT	26,771,355
VA PEAK	7,569,406
MARBLE	3,343,689





# System Update: Radio Call Counts (Push to Talk: PTT)- METRO SC

Metro SC Agency PTT Counts	
Reno Police	5396174
WC Sheriff	5103847
Sparks Police	2901175
WCSD Operations	2791786
Airport	1426183
Reno Fire	1173508
TMFPD	557141
Sparks Fire	471572
WCSD Police	433220
Sparks Dispatch	308416
VA Police	306276
UNR Police	281678
WCSD	268898
RSIC Police	195736
PLIC - Police	172891
WC Animal Services	159242
WC Reno Justice Court - Probation	142526
WC Public Works	75665
WC Alternative Sentencing	62527
WC Juv Services	62202
WC Regional Comm System	59846
Air National Guard Fire	29981
Washoe County Sparks Justice Court	27621
WC EOC	24428
FBI	23940
WC Telecommunications	22782
WC Administration	22519
TMWA	22479
REMSA	20791
Sparks City - NPS	19028
Dept. of Public Safety	15493
WC Parks	14027
PLIC - DEM	13773
Sparks - New Radio Import	13006
RSIC Fire	12953
NLTFPD	11075
Reno NPS	9372
WC Health	9126
Nevada Air National Guard	7691
WCFS	5152
Reno Dispatch	4832
DEA	3568
WC District Attorney - Investigations	3232
WC Medical Examiner	2908
TM FIRE CONSOLIDATED	2416
DEM	2360
WC CERT	2167
WC Radio Shop	1667
RSIC Health	1466
BLM	941
RSIC	187
Reno Radio Shop	115
State DEM	53
Incline Village General Improvement District	11

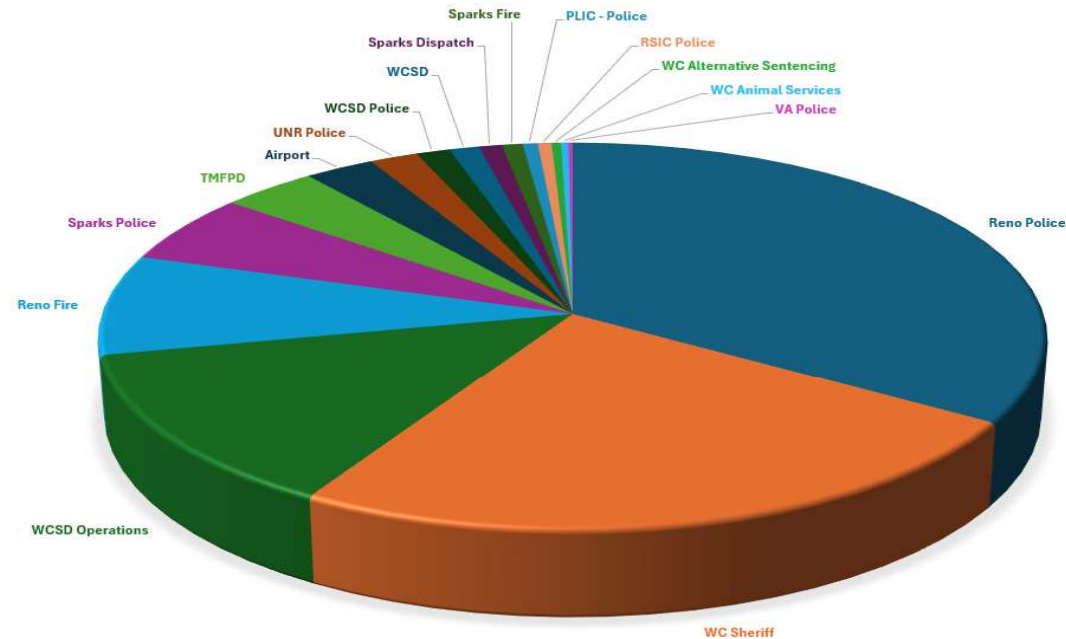




# System Update: Radio Call Counts (Push to Talk: PTT)- CHIMNEY

Chimney PTTs by Agency	
Reno Police	2137467
WC Sheriff	1526278
WCSD Operations	829490
Reno Fire	524955
Sparks Police	361141
TMFPD	232766
Airport	168095
UNR Police	115802
WCSD Police	80857
WCSD	72366
Sparks Dispatch	54424
Sparks Fire	49631
PLIC - Police	36187
RSIC Police	32845
WC Alternative Sentencing	22402
WC Animal Services	17334
VA Police	10646
WC Regional Comm System	6555
WC Public Works	5637
Reno NPS	5438
Sparks City - NPS	4537
TMWA	3498
Dept. of Public Safety	3308
RSIC Fire	2672
WC Juv Services	2334
FBI	1673
REMSA	1440
Sparks - New Radio Import	1387
NLTFPD	1324
WC Telecommunications	1245
WC EOC	1222
PLIC - DEM	1032
WC Administration	931
WCFSD	929
Nevada Air National Guard	914
TM FIRE CONSOLIDATED	734
WC Health	672
DEA	621
WC Parks	540
Air National Guard Fire	522
Reno Dispatch	434
Washoe County Sparks Justice Court	385
WC District Attorney - Investigations	252
WC Reno Justice Court - Probation	207
WC Radio Shop	127
DEM	119
WC Medical Examiner	102
BLM	95
RSIC Health	44
WC CERT	16
RSIC	6
Douglas County	2

CHIMNEY PEAK PTTs BY AGENCY

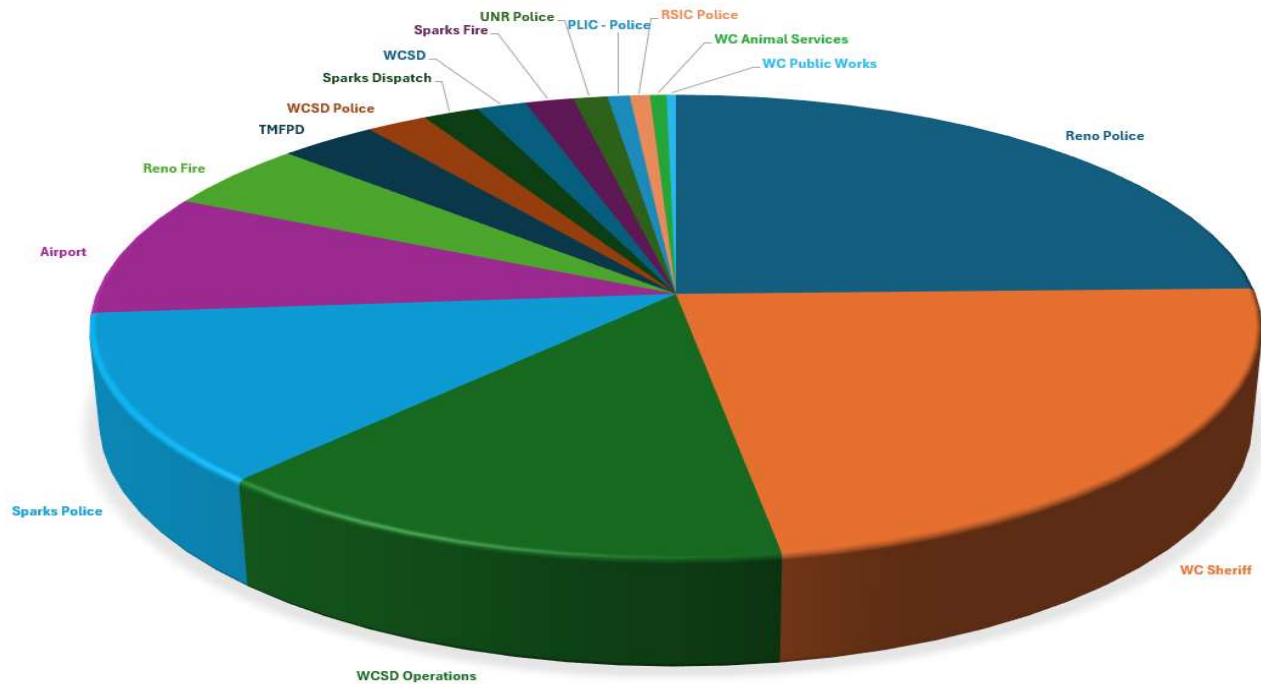


# System Update: Radio Call Counts (Push to Talk: PTT)- SLIDE MTN



<u>Slide Mountain PTTs by agency</u>	
Reno Police	3219105
WC Sheriff	2989516
WCSD Operations	1876082
Sparks Police	1552438
Airport	1106500
Reno Fire	615091
TMFPD	405110
WCSD Police	252974
Sparks Dispatch	231815
WCSD	205378
Sparks Fire	200130
UNR Police	141909
PLIC - Police	91919
RSIC Police	82926
WC Animal Services	68170
WC Public Works	38936
WC Alternative Sentencing	35935
WC Regional Comm System	35914
Washoe County Sparks Justice Court	25448
NLTFPD	23163
VA Police	22614
DEM	20692
Dept. of Public Safety	19333
Sparks City - NPS	16701
WC Parks	14738
FBI	12650
Air National Guard Fire	12240
Reno NPS	7591
WC Telecommunications	7526
WC EOC	7236
WC Juv Services	6335
TMWA	5882
WC Administration	4635
REMSA	4210
PLIC - DEM	3938
RSIC Fire	3388
Nevada Air National Guard	2902
DEA	2485
WC Health	2237
WCFSO	2206
TM FIRE CONSOLIDATED	1929
WC Reno Justice Court - Probation	1089
WC District Attorney - Investigations	1003
Reno Dispatch	622
WC Radio Shop	462
WC Medical Examiner	415
BLM	299
WC CERT	236
RSIC Health	112
RSIC	21
Incline Village General Improvement District	11

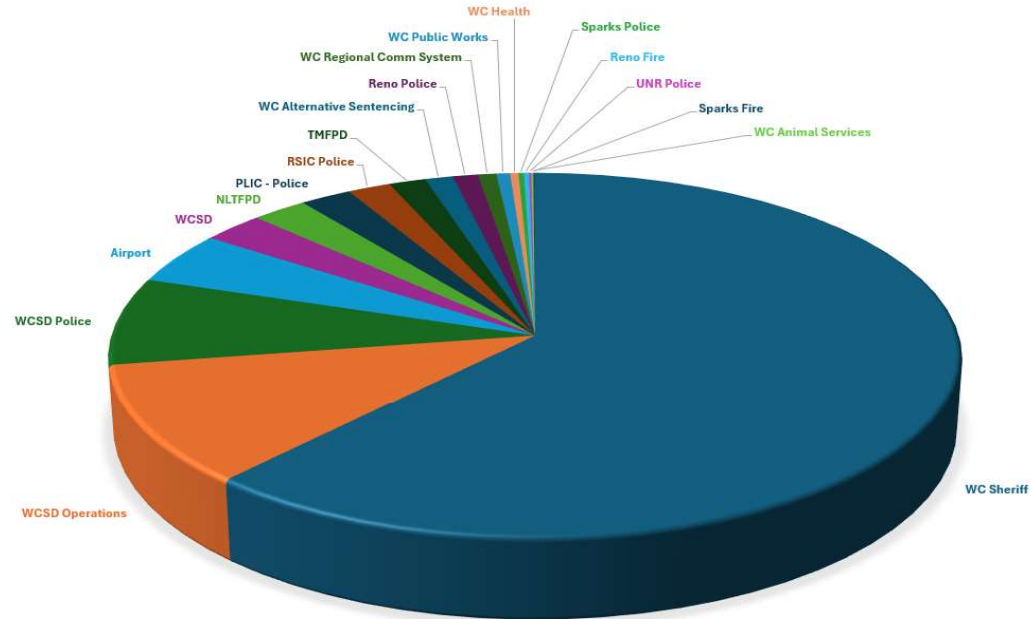
SLIDE MOUNTAIN PTTs BY AGENCY





# System Update: Radio Call Counts (Push to Talk: PTT)- TAHOE SC

<u>Tahoe SC PTTs by Agency</u>	
WC Sheriff	1470909
WCSD Operations	255431
WCSD Police	184373
Airport	108901
WCSD	63804
NLTFFD	56328
PLIC - Police	51928
RSIC Police	43376
TMFPD	37184
WC Alternative Sentencing	27979
Reno Police	25525
WC Regional Comm System	18310
WC Public Works	13844
WC Health	8354
Sparks Police	5403
Reno Fire	4959
UNR Police	2396
WC Animal Services	2078
Sparks Fire	1803
WC Telecommunications	1524
WC Parks	806
WC EOC	743
WC CERT	600
REMSA	473
WC Utilities	355
Sparks - New Radio Import	216
Dept. of Public Safety	207
Incline Village General Improvement District	193
RSIC Fire	167
Sparks Dispatch	152
WC Administration	110
WCFSO	97
BLM	96
WC District Attorney - Investigations	90
WC Juv Services	85
Reno Dispatch	84
TM FIRE CONSOLIDATED	62
VA Police	56
WC Radio Shop	52
Reno NPS	47
Placer County	40
PLIC - DEM	36
Sparks City - NPS	32
DEM	20
RSIC Health	14
WC Reno Justice Court - Probation	10
Air National Guard Fire	10
TMWA	9
WC INCLINE JUSTICE COURT	5
Nevada Air National Guard	4
FBI	4
DEA	4
WC Medical Examiner	3
State DEM	2
Douglas County	2



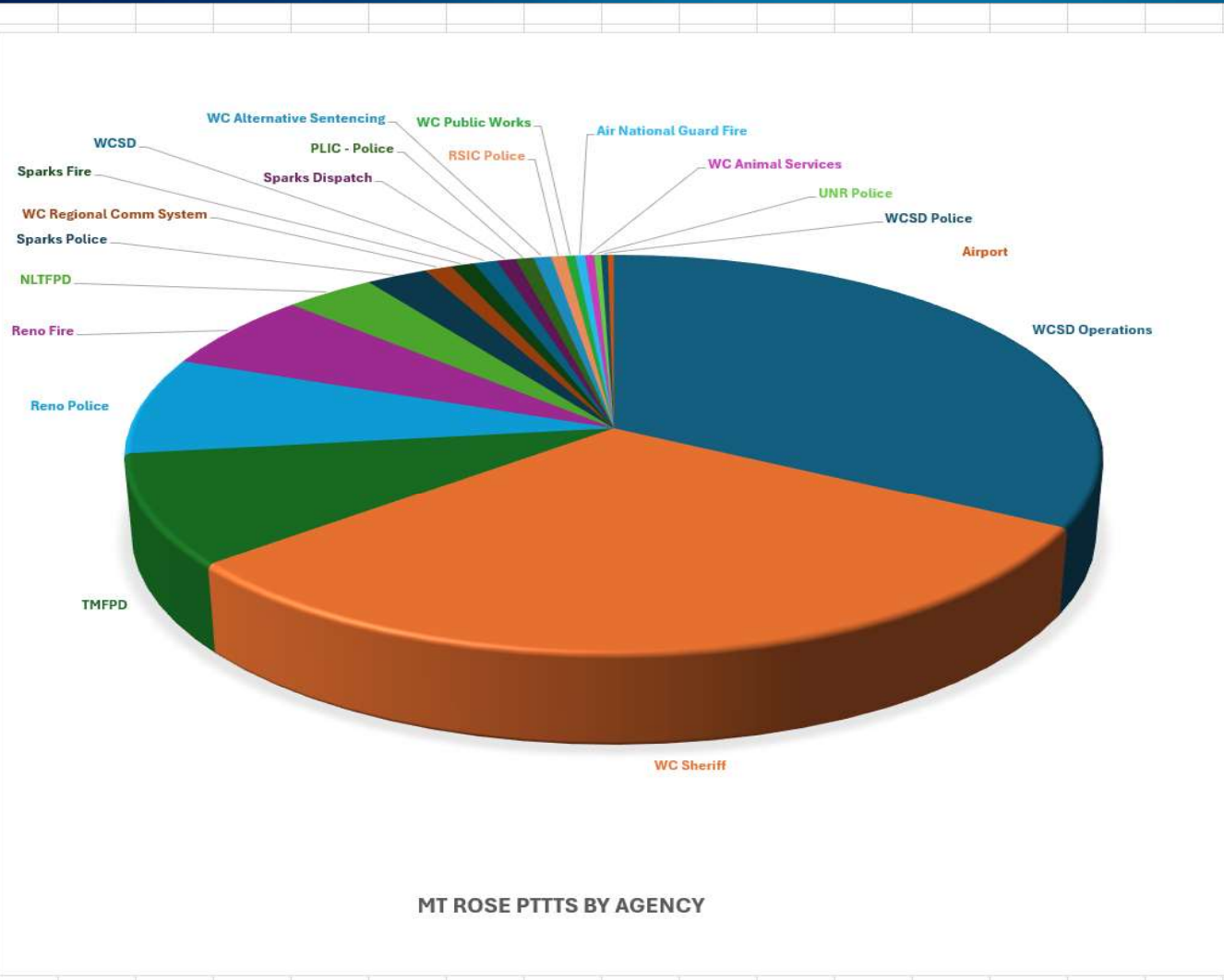
TAHOE SIMULCAST PTTs BY AGENCY





# System Update: Radio Call Counts (Push to Talk: PTT)- MT ROSE

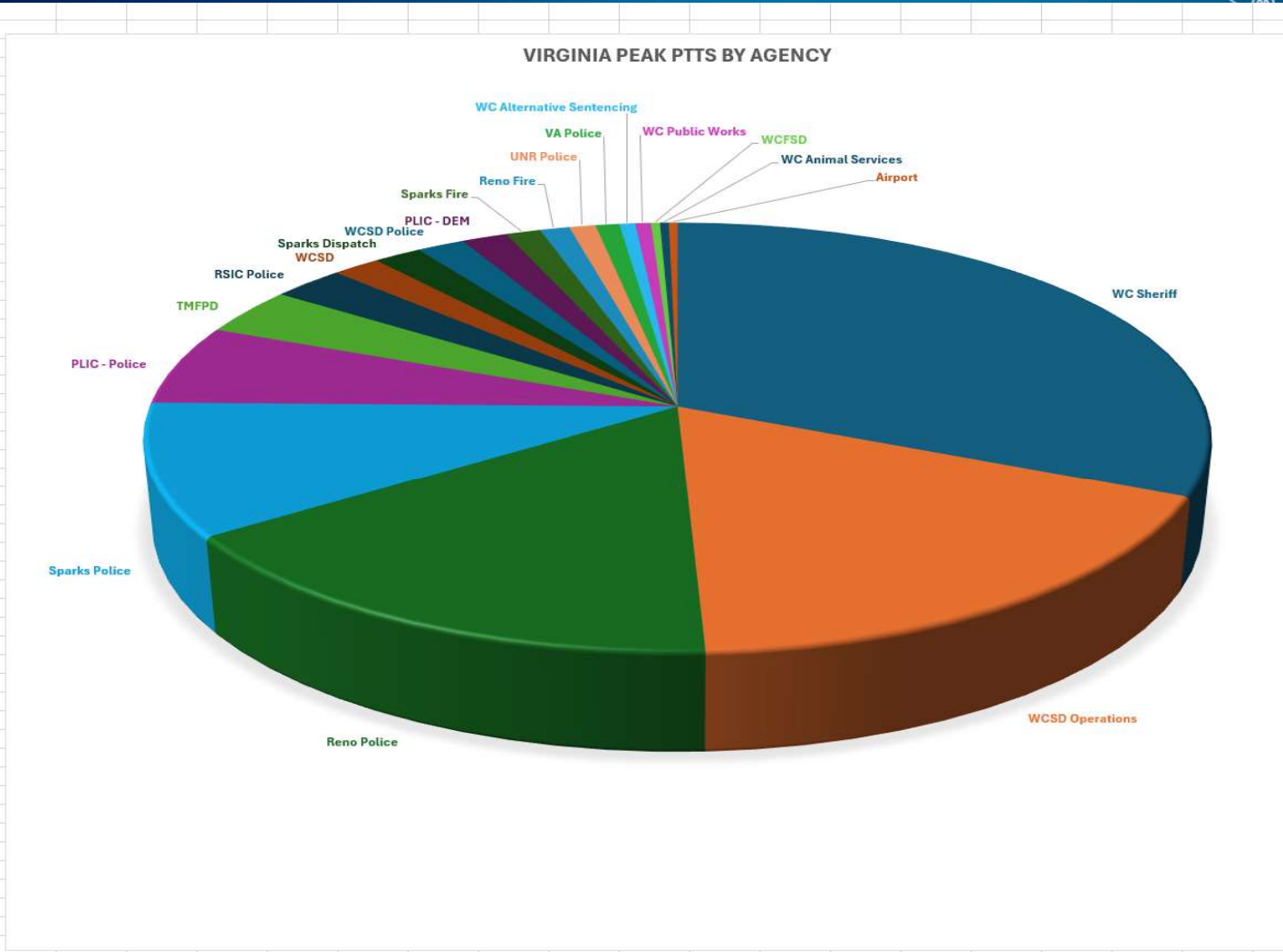
<u>Mt Rose PTTs by Agency</u>	
WCSD Operations	45393
WC Sheriff	42572
TMFPD	12461
Reno Police	10793
Reno Fire	8572
NLTFPD	4720
Sparks Police	3200
WC Regional Comm System	1406
Sparks Fire	1217
WCSD	1207
Sparks Dispatch	977
PLIC - Police	939
WC Alternative Sentencing	910
RSIC Police	744
WC Public Works	500
Air National Guard Fire	497
WC Animal Services	478
UNR Police	354
WCSD Police	344
Airport	313
WC Juv Services	263
REMSA	257
WCFS	187
FBI	149
Dept. of Public Safety	131
DEA	130
RSIC Fire	110
Nevada Air National Guard	90
Sparks City - NPS	88
WC Health	50
Reno Dispatch	46
VA Police	38
TMWA	37
WC EOC	28
TM FIRE CONSOLIDATED	26
Reno NPS	21
WC Telecommunications	18
PLIC - DEM	13
RSIC Health	8
WC Radio Shop	8
WC Medical Examiner	5
WC Parks	5
BLM	5
Placer County	3
WC Administration	2
WC CERT	2





# System Update: Radio Call Counts (Push to Talk: PTT)- VIRGINIA PEAK

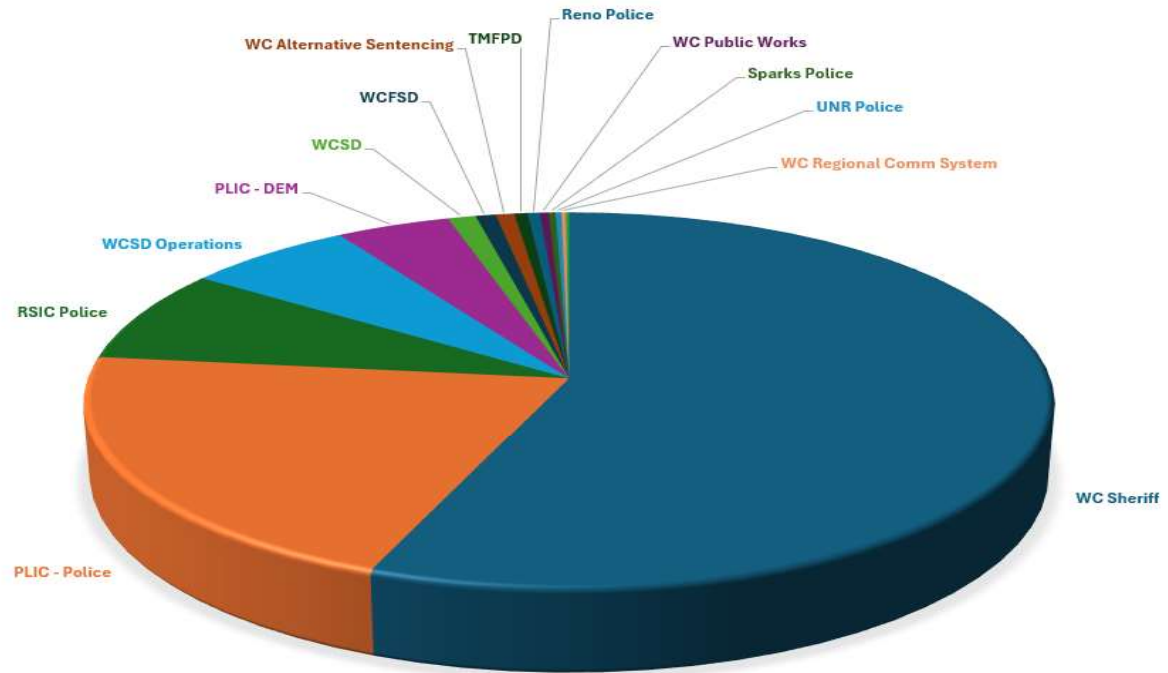
Virginia Peak PTTs by Agency	
WC Sheriff	1073569
WCSD Operations	595438
Reno Police	541541
Sparks Police	339751
PLIC - Police	203182
TMFPD	119622
RSIC Police	86120
WCSD	57091
Sparks Dispatch	56792
WCSD Police	56561
PLIC - DEM	54060
Sparks Fire	40928
Reno Fire	35081
UNR Police	31021
VA Police	27953
WC Alternative Sentencing	18873
WC Public Works	18179
WCFSD	10681
WC Animal Services	10447
Airport	10183
WC Reno Justice Court - Probation	7186
WC Parks	5546
WC Regional Comm System	5520
Sparks City - NPS	4655
TMWA	3108
WC Administration	2797
RSIC Fire	2667
WC EOC	2661
NLTFPD	2355
WC Juv Services	1716
Air National Guard Fire	1662
Reno NPS	1510
Dept. of Public Safety	1183
Sparks - New Radio Import	984
FBI	850
WC Radio Shop	791
REMSA	565
BLM	544
WC Telecommunications	482
Nevada Air National Guard	330
TM FIRE CONSOLIDATED	288
WC Health	280
DEA	238
Reno Dispatch	226
WC District Attorney - Investigations	125
RSIC Health	44
WC CERT	22
WC Medical Examiner	13
RSIC	7
Washoe County Sparks Justice Court	4





# System Update: Radio Call Counts (Push to Talk: PTT)- MARBLE BLUFF

<b>Marble Bluff PTTs by Agency</b>	
WC Sheriff	931736
PLIC - Police	346783
RSIC Police	131805
WCSD Operations	106233
PLIC - DEM	71390
WCSD	17315
WCFS	12584
WC Alternative Sentencing	11479
TMFPD	8279
Reno Police	7517
WC Public Works	5358
Sparks Police	4378
UNR Police	3642
WC Regional Comm System	2730
WC Telecommunications	2024
Sparks Fire	591
Reno Fire	529
Sparks Dispatch	385
REMSA	307
WCSD Police	304
WC Radio Shop	181
WC Animal Services	180
Airport	137
VA Police	66
BLM	64
Reno Dispatch	63
RSIC Fire	62
NLTFPD	58
TMWA	51
WC District Attorney - Investigations	51
WC Health	45
FBI	26
Reno NPS	20
Sparks City - NPS	18
Air National Guard Fire	12
WC Juv Services	10
WC Medical Examiner	7
WC EOC	6
WC CERT	6
WC Parks	6
WC Administration	4
RSIC Health	3
Dept. of Public Safety	3
DEA	2
RSIC	1

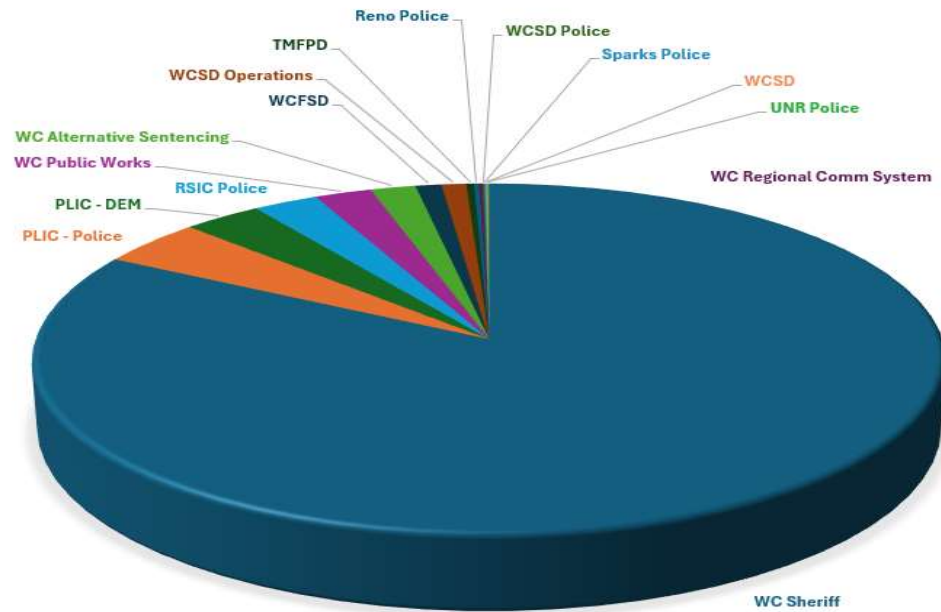


MARBLE BLUFF PTTs BY AGENCY



# System Update: Radio Call Counts (Push to Talk: PTT)- POITO

<u>Poito PTTs by Agency</u>	
WC Sheriff	1282335
PLIC - Police	65183
PLIC - DEM	48445
RSIC Police	39830
WC Public Works	34851
WC Alternative Sentencing	27525
WCFS	15856
WCSD Operations	14955
TMFPD	4718
Reno Police	3019
WC Regional Comm System	2087
WCSD Police	1149
Sparks Police	1051
WCSD	984
UNR Police	885
WC Radio Shop	628
WC Animal Services	192
Reno Fire	191
WC Telecommunications	135
BLM	102
WC District Attorney - Investigations	98
Airport	93
Sparks Dispatch	86
Sparks Fire	70
NLTFPD	49
VA Police	44
Reno Dispatch	43
WC Health	34
WC Juv Services	26
TMWA	18
Sparks City - NPS	18
WC EOC	14
WC Parks	14
WC Administration	8
RSIC Fire	8
WC Reno Justice Court - Probation	6
Reno NPS	4
DEA	4
Nevada Air National Guard	4
REMSA	4
WC CERT	4
Dept. of Public Safety	4
FBI	3
WC Medical Examiner	3

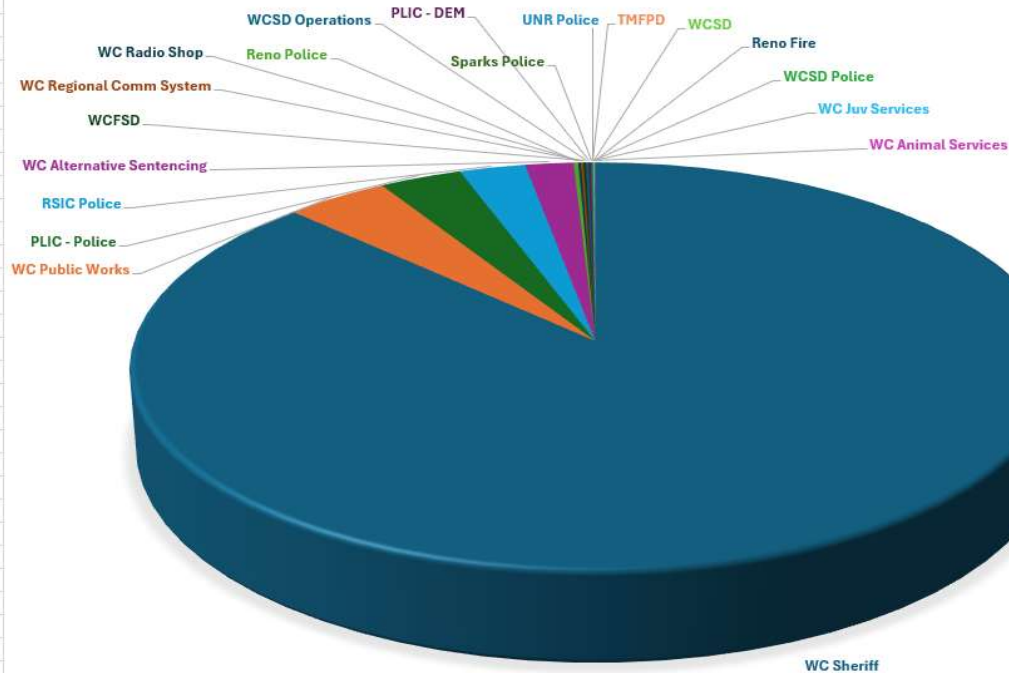


POITO PTTs BY AGENCY



# System Update: Radio Call Counts (Push to Talk: PTT)- FOX MTN

<u>Fox Mountain Ptt's by Agency</u>	
WC Sheriff	1248975
WC Public Works	58397
PLIC - Police	46391
RSIC Police	37042
WC Alternative Sentencing	27087
Reno Police	2590
WC Radio Shop	1466
WC Regional Comm System	1433
WCFSFD	1422
WCSD Operations	1364
PLIC - DEM	1300
Sparks Police	891
UNR Police	594
TMFPD	279
WCSD Police	221
WC Juv Services	189
WC Animal Services	142
WCSD	138
Reno Fire	106
BLM	96
WC District Attorney - Investigations	86
WC Telecommunications	84
NLTFPD	65
TMWA	46
VA Police	44
Reno Dispatch	43
Airport	37
Sparks Fire	32
WC Health	30
Air National Guard Fire	29
WC Parks	16
WC Administration	14
WC EOC	10
Sparks Dispatch	8
WC Reno Justice Court - Probation	6
Dept. of Public Safety	6
Reno NPS	4
DEA	4
WC Medical Examiner	4
REMSA	4
Nevada Air National Guard	4
WC CERT	4
RSIC Fire	2
Sparks - New Radio Import	2
Incline Village General Improvement District	1



FOX MOUNTAIN PTT'S BY AGENCY

# NEVADA SHARED RADIO SYSTEM REGION TWO CUT-OVER DISCUSSION

- Community Outreach
  - “Meet and Greet” on locations to discuss
    - Training needs
    - Operational use of radios
    - RF Coverage gaps
    - Future needs
  - Radio System Survey
    - [Radio Survey Internal](#)
    - [Radio Survey External](#)
- Our “Why” Statement:
  - WCRCS is committed to collaborating with agencies on community outreach to address key topics such as training requirements, operational needs of the radios, RF coverage gaps, and future system enhancements.
  - We will actively engage with customers through surveys and on-site meetings to ensure needs are met.
  - After seeing low customer adoption in Region 1, we are focusing on early and frequent engagement for Region 2 to ensure everyone is well-prepared and comfortable with the P25 conversion.

## Washoe County Radio Communications Survey

1. I regularly carry, use, or interact with a radio in the performance of my assigned work.

Strongly Disagree ☆ ☆ ☆ ☆ Strongly Agree

2. I have received adequate training on how to use my radio

Strongly Disagree ☆ ☆ ☆ ☆ Strongly Agree

3. I would like to receive additional training on

- Antennas
- Batteries
- Chargers
- Switching Sites
- How to Scan different groups
- BEON Mobile App
- Training cards or "cheat sheets"
- Button Layout
- Other

# Cut-Over Phases



	EDACS Radio Counts	P25 radio counts	<b>Phase 1</b> (Burn-In period up to 3 Months)	<b>Phase 2</b> (After Acceptance to 6 month)	<b>Phase 3</b> (6months mark to 1 year mark. Prior to decomission/ maintenance)
Airport	238	281			
BLM	2	2			X
DEA	24	24			X
Department of Veterans Affairs	22	22			
FBI	37	37			X
IVGID	4	4	X		
Nevada Air National Guard	42	30		X	
NLTFPD	102	101		X	
PLIC- DEM	33	33	X		
PLIC- Police	52	52		X	
REMSA	36	33	X		
Reno Dispatch	13	12			
Reno Fire	430	448		X	
Reno NPS	17	194	X		
Reno Police	621	686		X	
Reno Radio Shop	2	3	X		
RSIC	2	2			X
RSICFire	16	16		X	
RSICHealth	8	8	X		
RSICPolice	45	45		X	
Sparks City - NPS	30	30	X		
Sparks Dispatch	8	8			
Sparks Fire	173	172		X	
Sparks Police	263	263		X	
TM Fire Protection District	341	330		X	

## Questions for Agencies:

- How many Radios have had the L3Harris “One Touch” Radio Programming?
- Are all your Radios P25 Compliant?
- Are you trained on switching your Radios over to P25?
- What kind of training would you prefer for your team?
  - In-Person
  - On-line
  - Video



# Cut-Over Phases

	EDACS Radio Counts	P25 radio counts	<b>Phase 1</b> (Burn-In period up to 3 Months)	<b>Phase 2</b> (After Acceptance to 6 month)	<b>Phase 3</b> (6months mark to 1 year mark. Prior to decomission/ maintenance)
UNR Police	78	78		X	
WC - Sparks Justice Court	6	6	X		
WC Administration	20	73	X		
WC Alternative Sentencing	23	23		X	
WC Animal Services	44	43	X		
WC CERT	11	28			X
WC District Attorney - Investigations	25	26		X	
WC EOC	63	63	X		
WC Fire Suppresion District	18	24		X	
WC Health	36	56	X		
WC INCLINE JUSTICE COURT	3	3	X		
WC Juv Services	58	83	X		
WC Medical Examiner	9	20	X		
WC Parks	56	55	X		
WC Public Works	140	140	X		
WC Reno Justice Court - Probation	9	9	X	X	
WC Sheriff	876	891		X	
WC Telecommunications	13	13	X		
WC Water Resources	8	8			X
WCRCs	27	27	X		
WCSD	77	31	X		
WCSD Operations	622	935	X		
WCSD Police	110	110		X	
<b>Radios Counts</b>	<b>5077</b>	<b>5698</b>	<b>1966</b>	<b>3366</b>	<b>101</b>

## •Phase 1:

- Early adopters who will beta test the new system, participate in the initial cutover, and help troubleshoot.
  - For Phase 1, participants must have a P25-capable radio that has been programmed with the Harris One Touch programming,
  - Due to **Contractual Obligations:** public safety users cannot participate in Phase 1.

## •Phase 2:

- Intermediate users who will help saturate the system during the burn-in period.

## •Phase 3:

- Users who prefer to transition last.



# Agenda Item #7

**NEVADA SHARED RADIO SYSTEM (NSRS) & L3HARRIS CONTRACT(S) CHANGE DISCUSSION** [Non-Action Item] – A presentation and discussion on recent proposals by L3Harris to modify NSRS member contracts. Discussion may include but not be limited to a proposal for radio price increases and modification of EDACS decommissioning responsibilities and timeline.

*Quinn Korbulic, Washoe County Technology Services*



# L3HARRIS CONTRACT CHANGE-ORDER REQUEST



- Project Pause-
  - L3Harris is negotiating a program pause with the Nevada Shared Radio System (NSRS)
  - NSRS Members are unable to provide enough sites to L3Harris for P25 Installation.
  - Washoe County is not meeting scheduled timelines with site completions
    - **Making Progress:**
      - BLM Permits : **Smokey Quartz** & **Seven Lakes** review to be completed by 10/11/2024
      - **Marble Bluff** (Active construction till November 2024)
    - **Risks:**
      - **Ashfields** (Awaiting JOC Committee approvals for more than 2 years)
      - **Red Peak** (Owners has yet to send Notice to Proceed, and hasn't signed Lease agreement)
      - **Mt Rose** delays in getting new ice bridge installed (site owner must approved design)
      - **Poito** awaiting site owner to move equipment to make room for Microwave and P25 equipment.
      - **Biltmore** (no permanent solution created- awaiting schedule for EKN Astoria Waldorf Casino Build.)

# Proposed L3Harris Price Increase



- 72.2% discount based on a minimum of 5,097 radios and a spend of \$10,960,587
- Contract pricing based on 2018 catalog
- Claw back language included in the contract if Washoe did not meet the minimum quantity and spend
- L3Harris position; once minimum order quantity and value was met, pricing converted to 2024 catalog and they would continue to honor the 72.2% discount
- Initially said the increases would be nominal (5 – 12%)
- Members pushed back and referenced the contract which does not support L3H's position

# Proposed L3Harris Price Increase- Washoe County



XL-185P	
2024 Discounted Price	\$2,436.57
2018 Discounted Price	\$1,552.63
% Price Increase	35.4%

XL-200P	
2024 Discounted Price	\$3,181.71
2018 Discounted Price	\$1,893.18
% Price Increase	68.1%

XL-400P	
2024 Discounted Price	\$4,994.55
2018 Discounted Price	\$4,544.19
% Price Increase	9.9%

XL-185M	
2024 Discounted Price	\$3,064.95
2018 Discounted Price	\$2,304.62
% Price Increase	33.0%

XL-200M	
2024 Discounted Price	\$3,929.53
2018 Discounted Price	\$2,528.41
% Price Increase	55.4%

XL-185M w/ LTE	
2024 Discounted Price	\$3,203.95
2018 Discounted Price	\$2,942.63
% Price Increase	8.9%

XL-200M w/ LTE	
2024 Discounted Price	\$4,014.32
2018 Discounted Price	\$3,112.21
% Price Increase	29.0%



**XL Converge™**  
185P Single-Band  
Portable Radio  
Crystal-clear audio over  
your P25 radio system,  
data sharing over ...



**XL Extreme™ 400P**  
**NFPA compliant**  
Designed by and for  
Firefighters, the XL  
Extreme 400P can take  
on the heat ...



**XL Onboard™**  
Series of Mobile  
P25 Radios  
Relentlessly Reliable.  
Road-Ready. When your  
mission requires you to  
be ...

# Agenda Item #8

**NEVADA SHARED RADIO SYSTEM PROJECT UPDATE** [Non-Action Item] – A presentation and discussion on the progress of the Nevada Share Radio System (NSRS) project status, cutover outlook, and possible prioritization for NSRS Regions and site builds.

*Adrian Arnold NSRS System Administrator*



# Nevada Shared Radio System: Region 1 Update



- Region 1 Status

- Region accepted on 29 August, 2024
- System performance has been reported as a significant improvement over EDACS
- Partial system loading through burn-in and post-acceptance – many Agencies and Users need to cutover off of EDACS to P25
- Ongoing Surge effort to finalize mobile radio installation and programming to migrate all agencies prior to EDACS turn-down and decommissioning



# Nevada Shared Radio System: Region 2 Update



## • Region 2 Status

- Region 2 consists of 42 sites including 6 mitigation sites
- 16 sites have completed commissioning (ready for system testing and follow on cutover)
- Lack of site readiness at 20 sites has pushed commissioning schedule into 2025 following a Winter 24/25 operational pause for site installation and commissioning
  - WCRCS – 9 (some of these are counted only due to being in Simulcast and awaiting other site readiness)
  - NDOT – 5
  - NVE – 6
- Highest Risk Sites
  - WCRCS – Mt Rose due to a combination of requirement for High Sierra NTP and small seasonal window for site work
  - NDOT – Toulon and Bald West due requirement for High Sierra NTP
  - NVE – Patrick due to lease agreement requirements with American Tower and with High Sierra Communications



# Nevada Shared Radio System: Region 2 Update



- Region 2 Status continued...
  - System Core is complete
  - Console upgrades are complete; New console purchases are ongoing
  - Mobile Radio installations scheduled to begin in Jan 2025. Will require schedule management with R1 closeout Mobile Radio Installations
  - Cutover forecast as December 2026
  - Regional acceptance forecast as February 2027





# Nevada Shared Radio System: Region 3 Update



## Region 3 Status

- Region 3 consists of 35 sites
- The 6 remediation sites are intended to be complete within the Region 3 schedule at the latest
- 11 R3 sites have completed commissioning
- Lack of site readiness at 24 sites has pushed commissioning schedule into 2025 following a Winter 24/25 operational pause for site installation and commissioning
  - NDOT – 20
  - NVE – 4
- Cutover forecast as February 2027
- Regional acceptance forecast as April 2027





# Questions & Concerns?

Melissa Lawney  
Washoe County Regional  
Communications Coordinator  
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Reno, NV 89502  
(775) 858-5952

Thank you