

**PROGRAM DESCRIPTION**

**Department Public Safety**

**HB Section(s): 8.005**

**Program Name: Missouri Interoperability Center**

**Program is found in the following core budget(s): Office of the Director Administration and Program**

**1a. What strategic priority does this program address?**

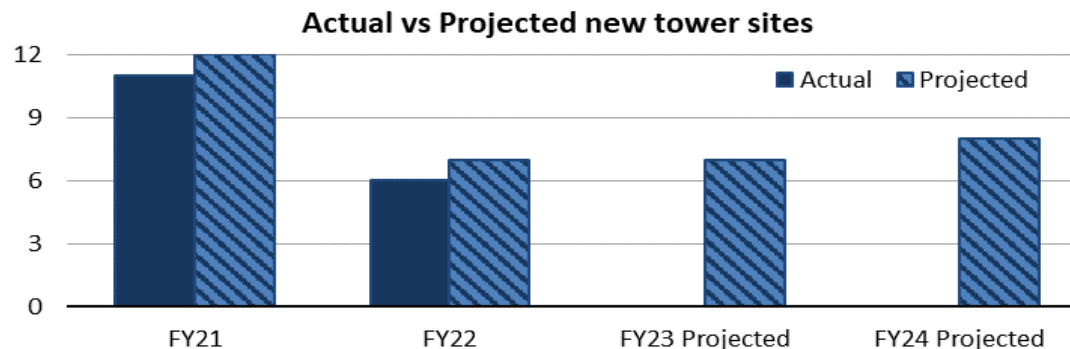
Operational Effectiveness

**1b. What does this program do?**

Missouri Interoperability Center (MIC) administers, operates, maintains and enhances the Missouri Statewide Interoperability Network (MOSWIN). MOSWIN is a network of radio sites located around the state transmitting and receiving radio signals (24/7/365) to allow fire, police, emergency medical service and emergency management radios to operate. MOSWIN provides statewide radio coverage to utilize for internal agency and inter-agency (interoperable) radio communications. **There are 1,470 public safety agencies (49,230 radios)** utilizing the system, including the following MO DPS agencies: MO State Highway Patrol, MO Capital Police, MO State Emergency Management Agency, MO Gaming Commission, Division of Fire Safety, and Division of Alcohol & Tobacco Control. MOSWIN is a vital state resource in ensuring the safety and security of Missouri's first responders, citizens, visitors

**2a. Provide an activity measure(s) for the program.**

Areas have been tested and quantified as requiring additional coverage or capacity are evaluated annually. As budget and supply chain allows these coverage and capacity areas are addressed each fiscal year.



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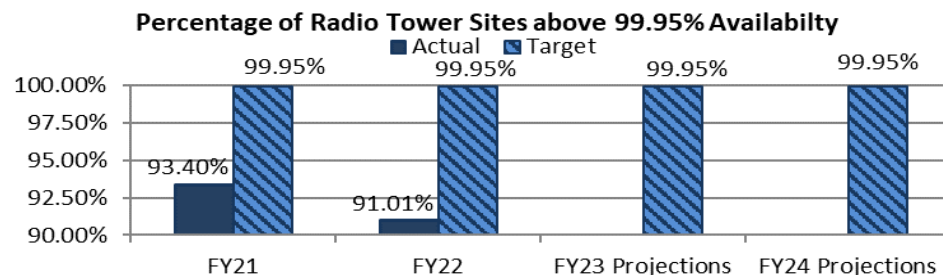
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**2b. Provide a measure(s) of the program's quality.**

**Measure: Tower Site Wide-Area Network Availability (Zones 1,2,3)**

**Base target:** Provide wide area radio system for public safety agencies to utilize for communication and coordination. Wide area = connected to master core via backhaul link.

**Stretch target:** Provide radio system tower site availability at or above 99.99% (tower sites are unavailable for public safety agencies no more than 52.56 minutes in a year).

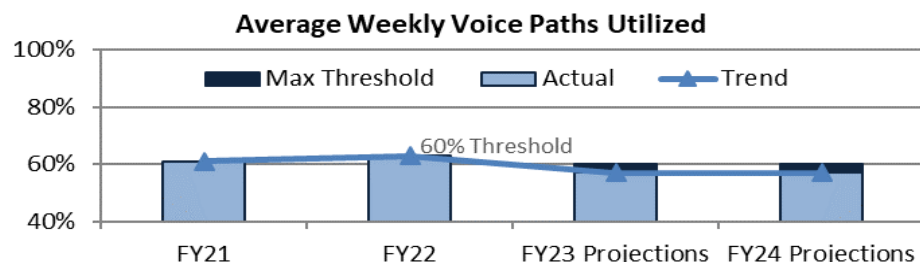


**2c. Provide a measure(s) of the program's impact.**

**Measure: Tower Site Voice Channel Utilization (Zones 1,2,3)**

**Base target:** Provide radio system voice channel at all tower sites.

**Stretch target:** Provide radio voice channel utilization below 60% of a tower site's voice paths. This will provide surge capacity should a natural disaster or man-made event occur requiring additional users to respond and utilize the radio system.

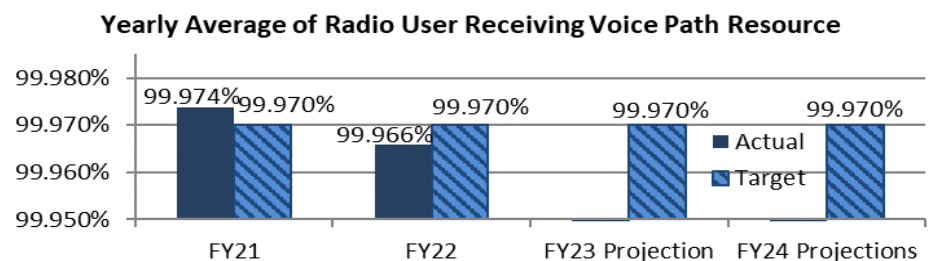


**2d. Provide a measure(s) of the program's efficiency.**

**Measure: Radio User Experiencing Unavailable Resource (Zones 1&3)**

**Base target:** Provide radio system tower wide area voice channel availability at or above 99.970% (radio users have less than a 3 second wait for voice path resources, industry standard).

**Stretch target:** Provide radio system tower voice path availability at or above 99.999% (public safety radio users have less than a



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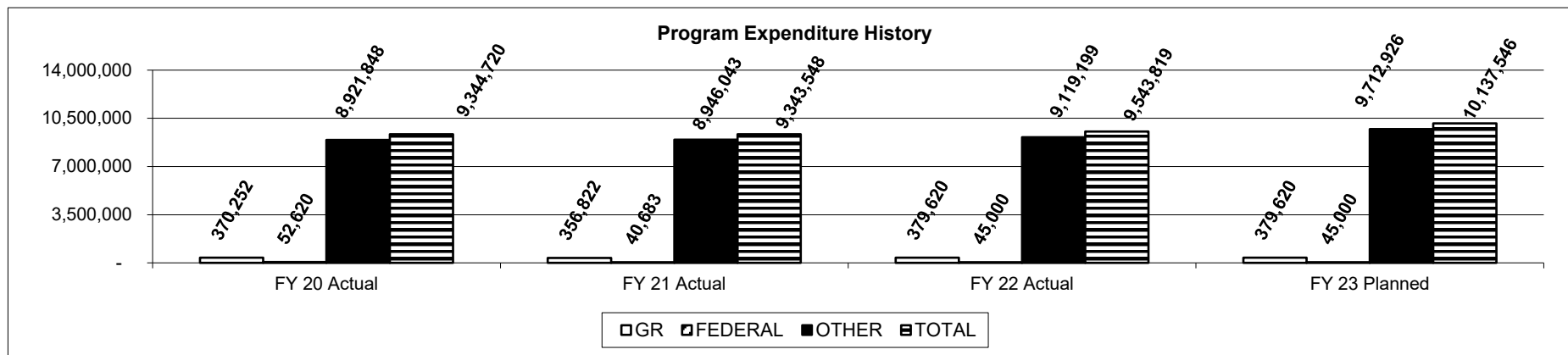
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**3. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year. (Note: Amounts do not include fringe benefit costs.)**



**4. What are the sources of the "Other " funds?**

Highway Funds

**5. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)**

Federal Communications Commission 47 CFR Part 90 - requiring all public safety agencies to narrowband their licensed frequencies

**6. Are there federal matching requirements? If yes, please explain.**

No

**7. Is this a federally mandated program? If yes, please explain.**

Yes, Federal Communications Commission (FCC) Narrowbanding Mandate