

**PROGRAM DESCRIPTION**

**Department Public Safety**

**HB Section(s): 08.005**

**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 over 1,300+ public safety agencies (43,500+ radios) utilizing the system, including the following MO DPS agencies: MO State Highway Patrol, MO Capital Police, MO State Emergency Management Agency, Divisions of Gaming, Fire Safety, MO National Guard and Alcohol & Tobacco Control. MOSWIN is a vital state resource in ensuring the safety and security of Missouri's first responders, citizens, visitors and the traveling public.

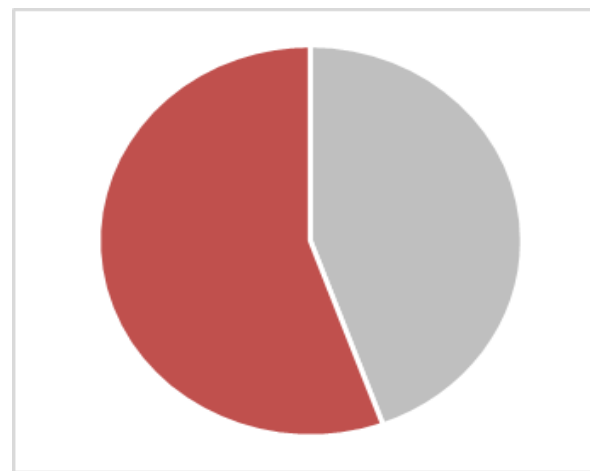
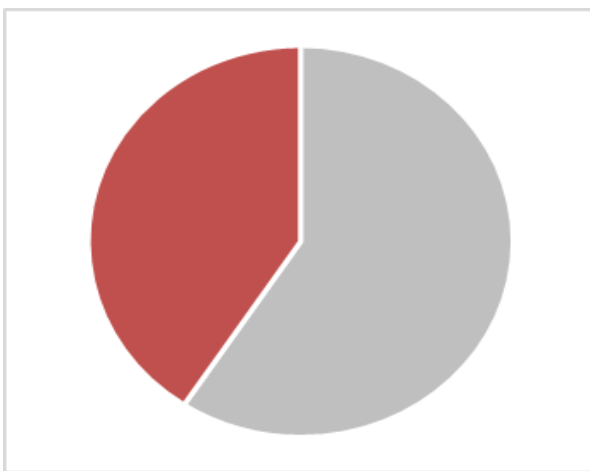
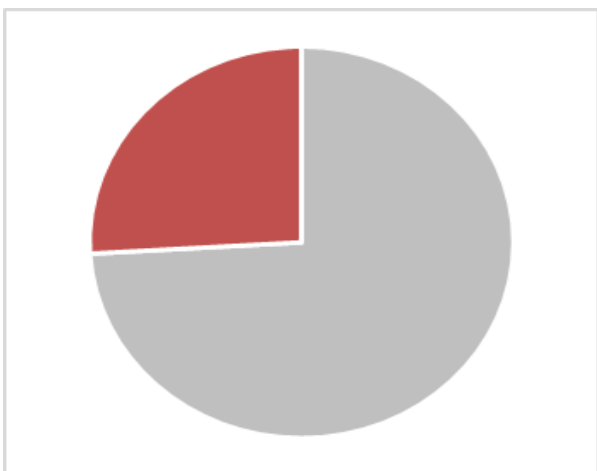
**2a. Provide an activity measure(s) for the program.**

27 areas tested and quantified as requiring additional coverage or capacity, these areas are documented as of the end of FY20.

FY20: 7 permanent sites were added. Temporary sites were added in New Madrid and Memphis.

FY21: 4 site permanent sites added. Temporary site was added in Cedar County.

FY22: 4 site permanent sites projected.



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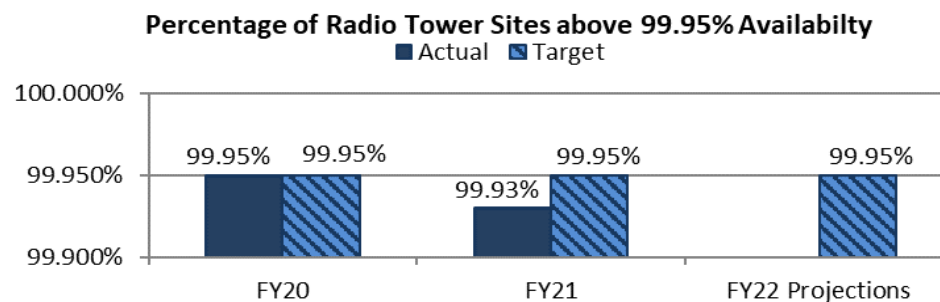
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**2b. Provide a measure(s) of the program's quality.**

**Measure: Tower Site Wide-Area Network Availability**

**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).

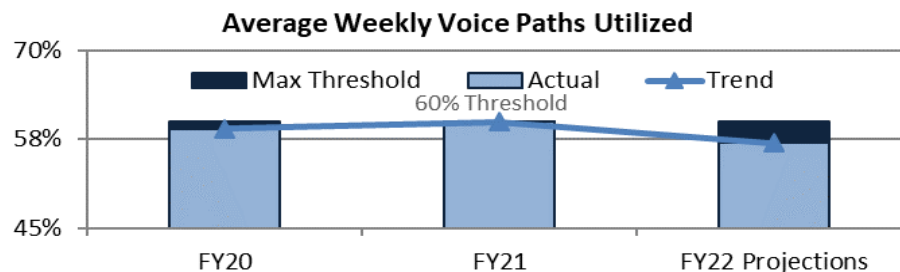


**2c. Provide a measure(s) of the program's impact.**

**Measure: Tower Site Voice Channel Utilization**

**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.

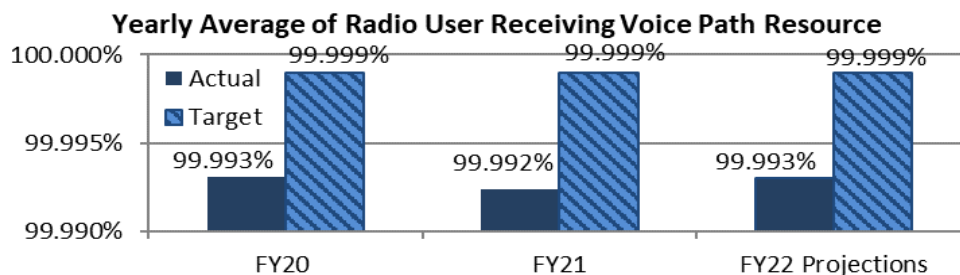


**2d. Provide a measure(s) of the program's efficiency.**

**Measure: Radio User Experiencing Unavailable Resource**

**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 3 second wait for voice path resources, State of Missouri Goal).



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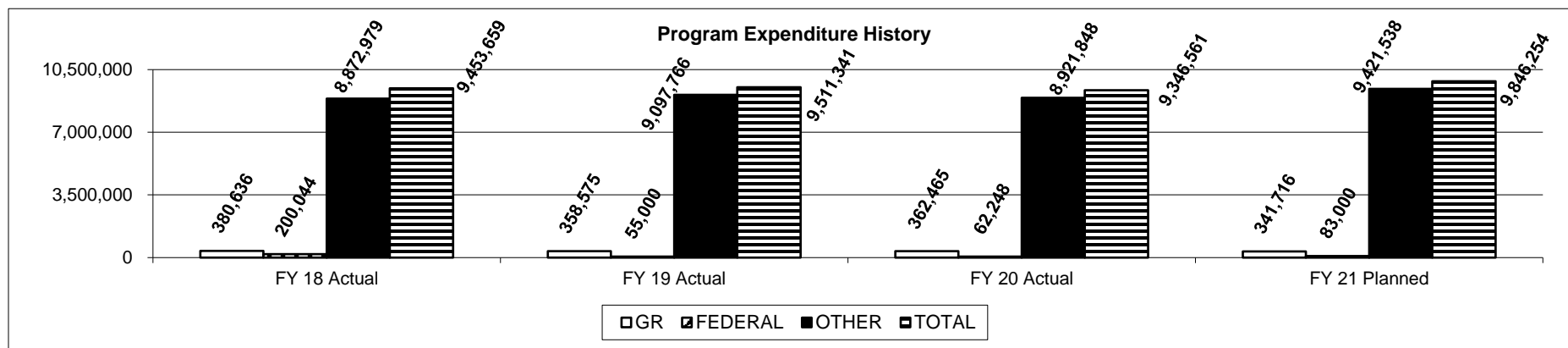
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3. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year. (Note: Amounts do not include fringe benefit costs.)



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