

PROGRAM DESCRIPTION

Department: Agriculture

HB Section(s): 6.105

Program Name: Metrology Laboratory

Program is found in the following core budget(s): Weights, Measures and Consumer Protection

1a. What strategic priority does this program address?

Reach more consumers to promote and protect agriculture.

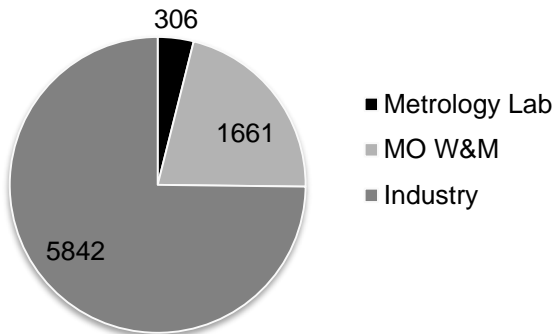
1b. What does this program do?

The Metrology Laboratory provides calibration services to public and private organizations for mass and volume according to the international standard. These calibrations ensure equity in commerce for each weighed or measured commodity bought or sold in Missouri.

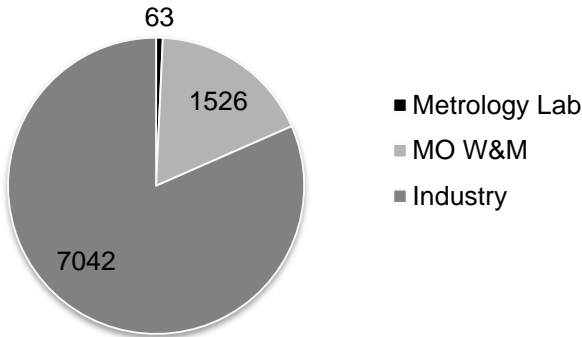
- Ensure traceability of the state reference standards and measurement system to the international system of units (SI);
- Maintain laboratory certification with the National Institute of Standards and Technology (NIST);
- Establish a documented quality management system compliant to the international standard;
- Provide traceable calibrations of field standards for public and private industry;
- Develop and implement policies and procedures to assure the quality and accuracy of laboratory measurement results;
- Assure the quality of the laboratory measurement system through annual NIST audits, continuous training, and inter-laboratory comparison.

2a. Provide an activity measure for the program.

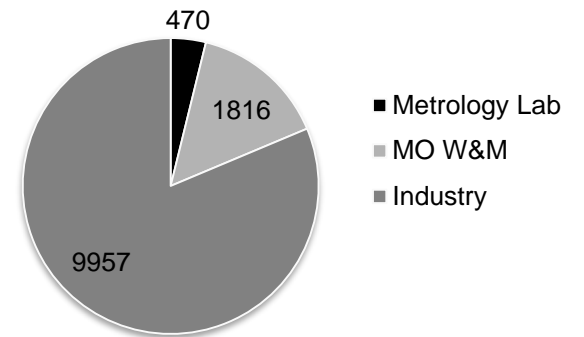
FY20 Standards by Customer Type



FY21 Standards by Customer Type



FY22 Standards by Customer Type



Note: Metrology Lab: laboratory primary working standards, secondary working standards, and process control standards

MO W&M: all mass and volumetric standards used by Missouri Weights and Measures inspectors to certify commercial weighing, and measuring devices

Industry: public and private customer standards

Note: In addition to the calibrations we perform for the Missouri Weights, Measures and Consumer Protection Division we calibrate all volumetric field standards for the Iowa Weights and Measures programs, and every two years we calibrate all large volumetric field standards for the Arkansas Weights and Measures program.

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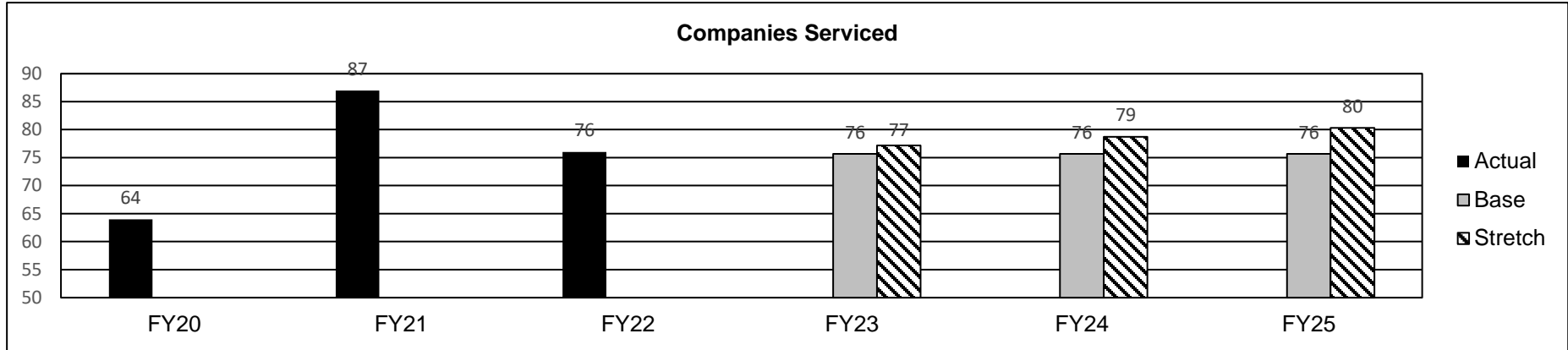
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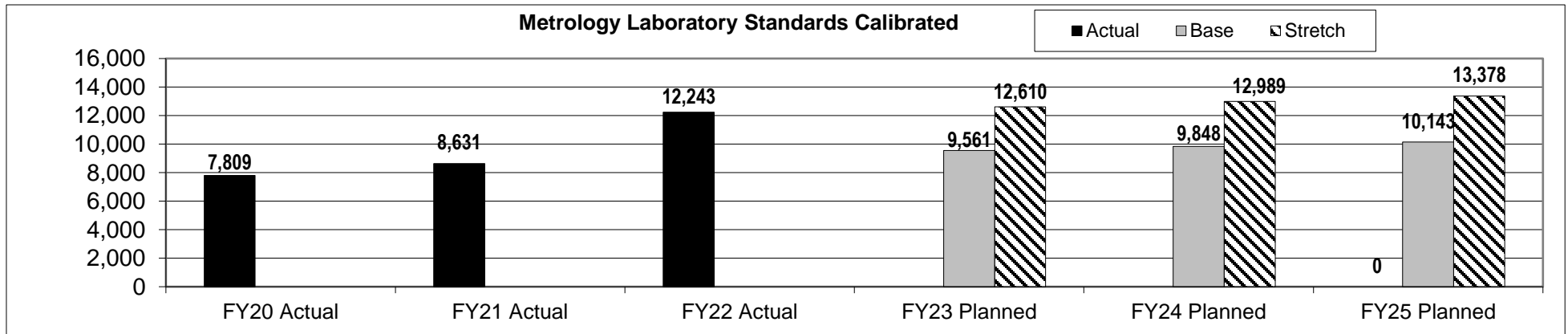
2b. Provide a measure of the program's quality.



Note: Stretch is based on 2% increase

Note: Some companies have multiple calibration appointments throughout the year.

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



Note: Every consumer transaction by weight (mass) or measure (volume) in Missouri can be traced back to the calibrations made by the Department of Agriculture, Metrology Laboratory.

Note: Stretch is based on 3% increase.

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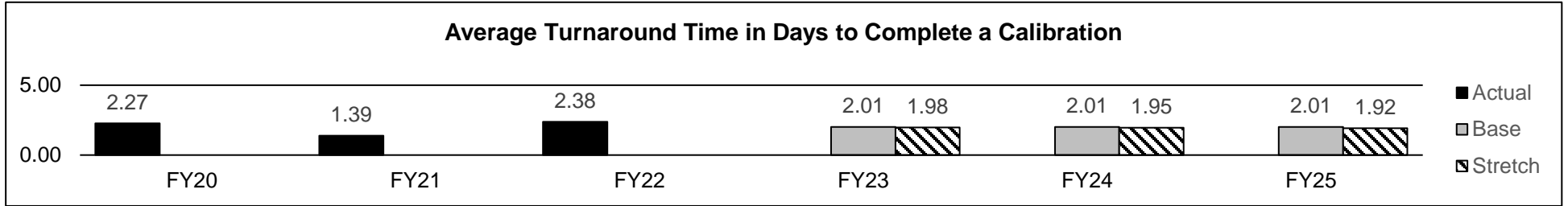
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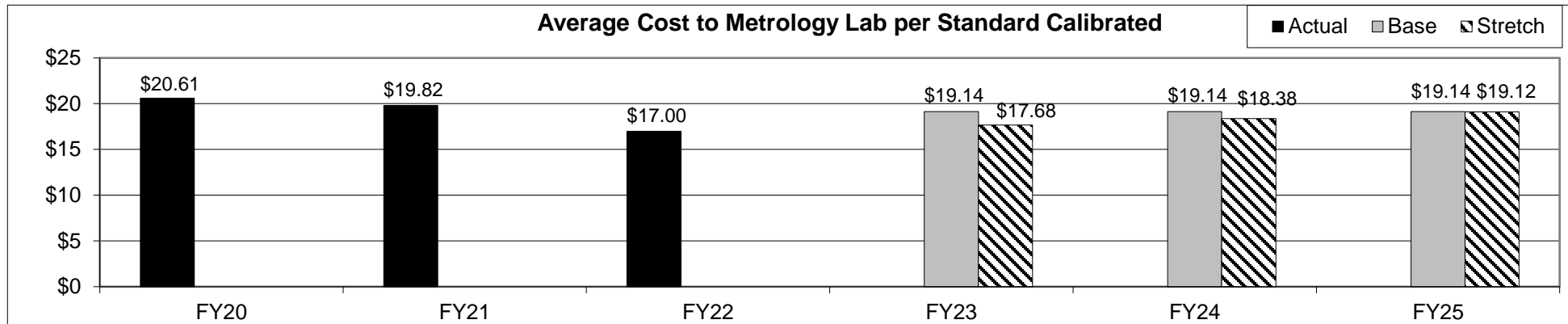
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2d. Provide a measure of the program's efficiency.



Note: Reduced turnaround time due to fewer customers in FY20 because of Covid.



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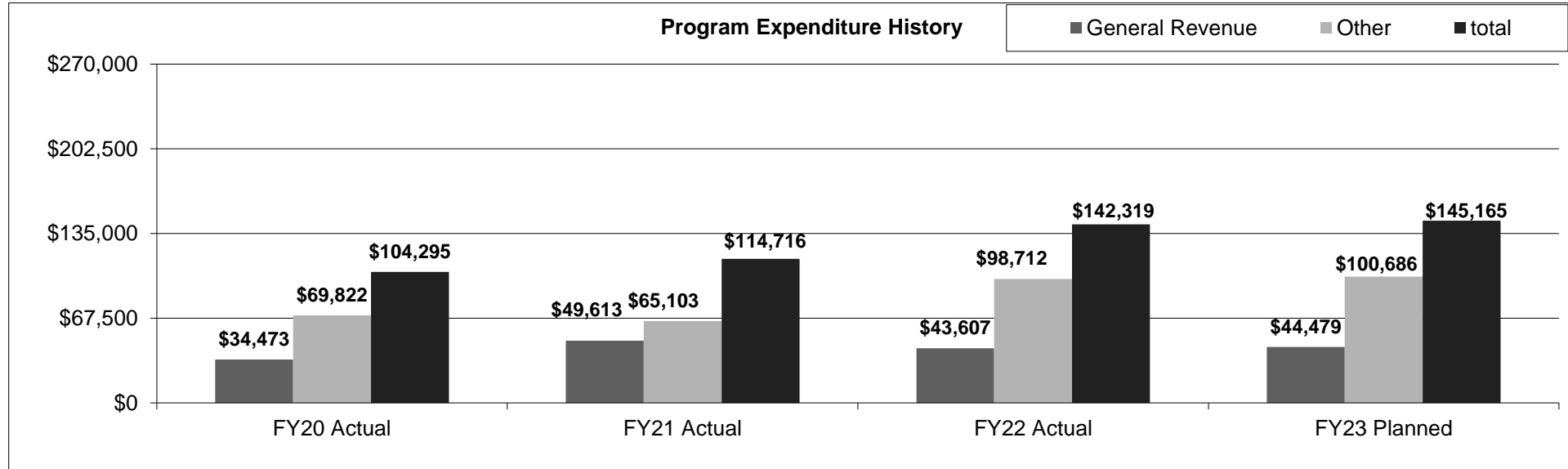
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3. Provide actual expenditures for the prior three fiscal years; planned expenditures for the current fiscal year. (Note: Amounts do not include fringe benefit costs.)



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

Ag Protection Fund (0970) and Petroleum Inspection Fee Fund (0662)

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

Chapter 413.015.(3) and 413.045 RSMo.

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

No

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

No