



Massachusetts Bay Transportation Authority

FTA Safety Management Inspection Update

MBTA Safety, Health & Environment Committee Meeting

October 12, 2023

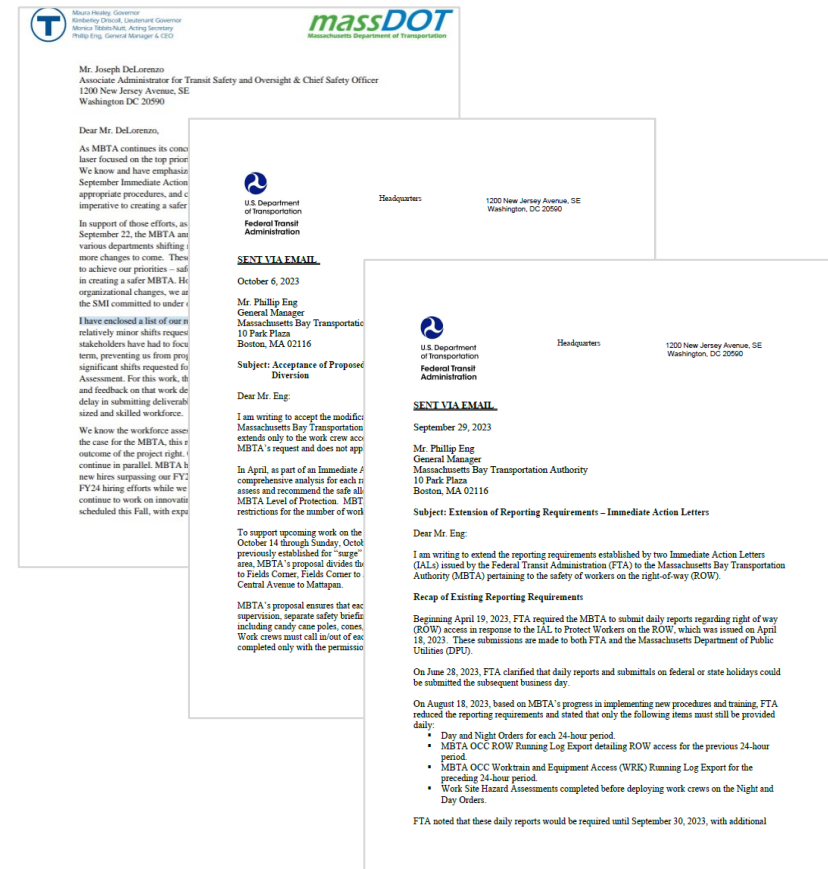
Meredith Sandberg, Acting Chief of Quality, Compliance & Oversight



MBTA continues to coordinate closely with the FTA

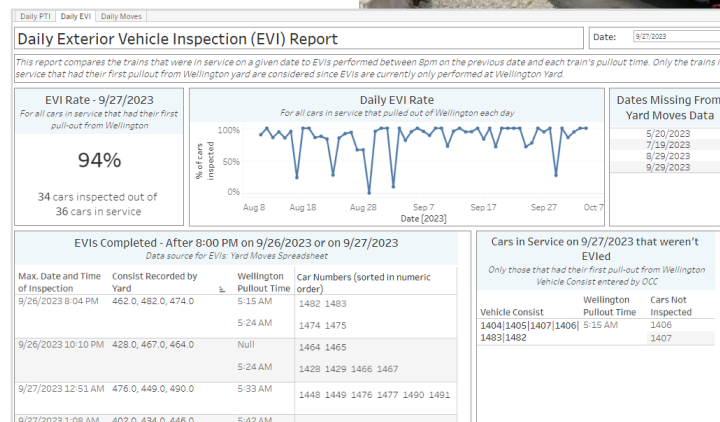
Procedural updates

- On 9/29/2023 QCO proposed relief for CAP work due to MBTA's focus on safe ROW Access & MBTA personnel changes
- On 9/29/2023 FTA direct MBTA to continue it its current reporting stance for the April Immediate Action Letter through December 2023
- On 10/6/2023 FTA approved MBTA's requested amendments to our work crew limitations in order to support our upcoming Red Line Surge



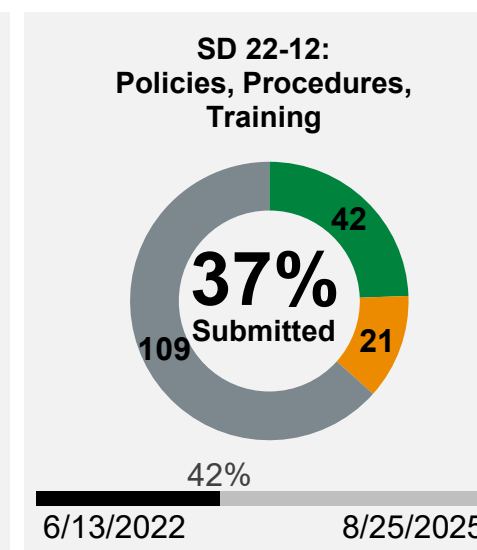
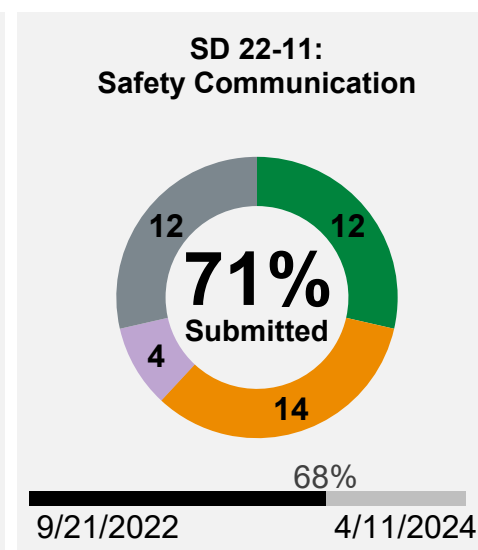
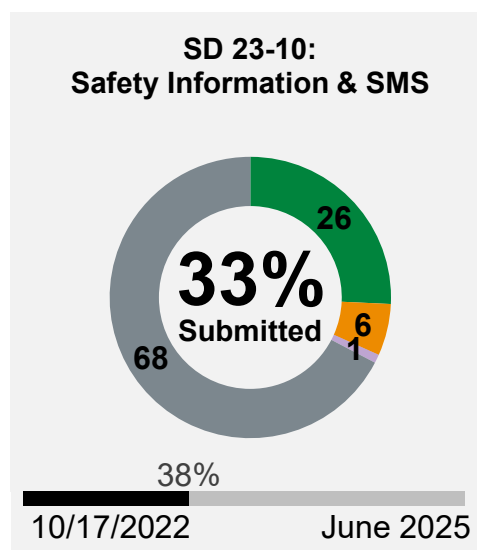
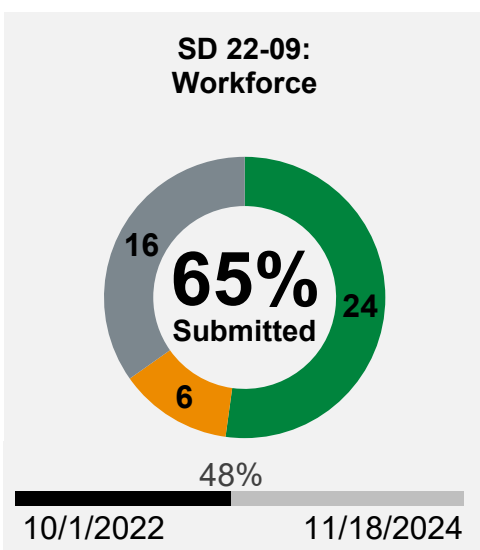
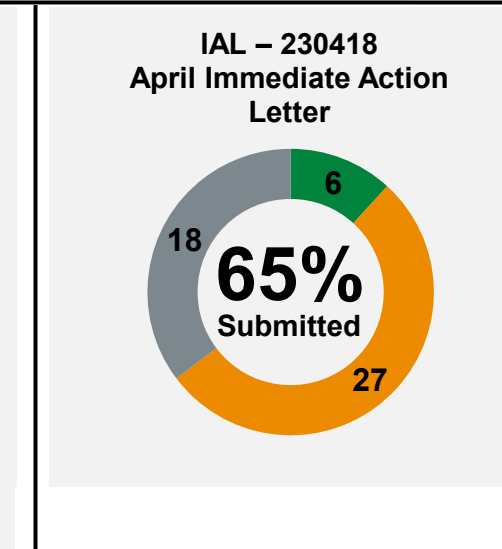
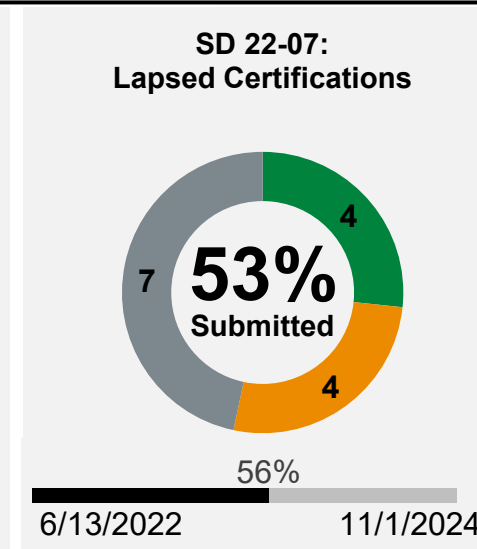
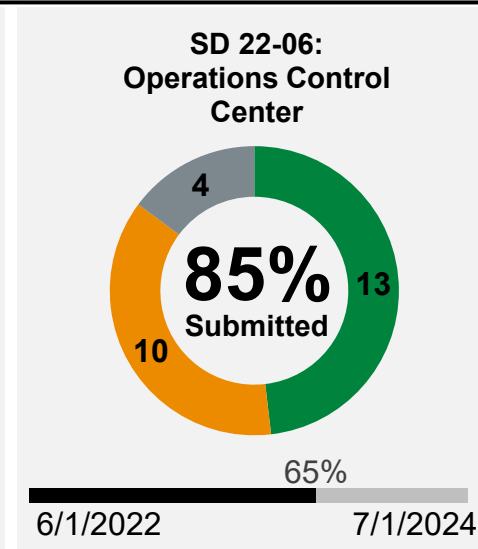
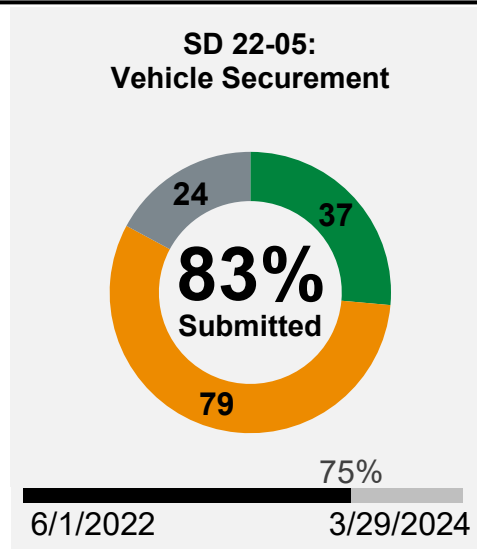
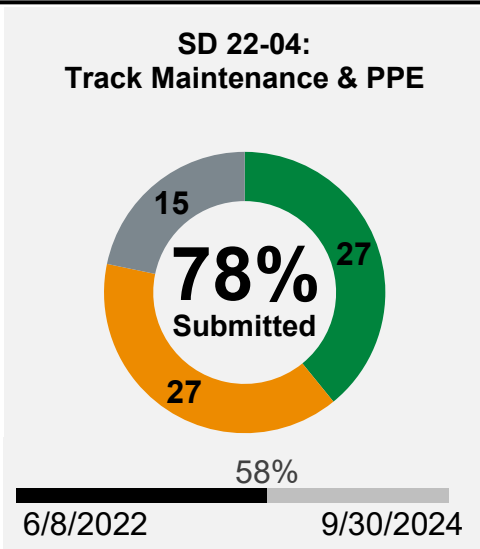
The Orange Line Exterior Vehicle Inspection (EVI) pilot wrapped up last week

- Total number of EVIs completed from 8/11/2023 to 10/3/2023: **432**
- Daily average number of cars receiving an EVI: **45**
- Average percentage of cars in service each day that received an EVI the previous evening **92%**
- Over two-thirds of EVIs are performed between 12:00 AM and 3:00 AM.





FTA SMI Response Progress Summary



Questions?



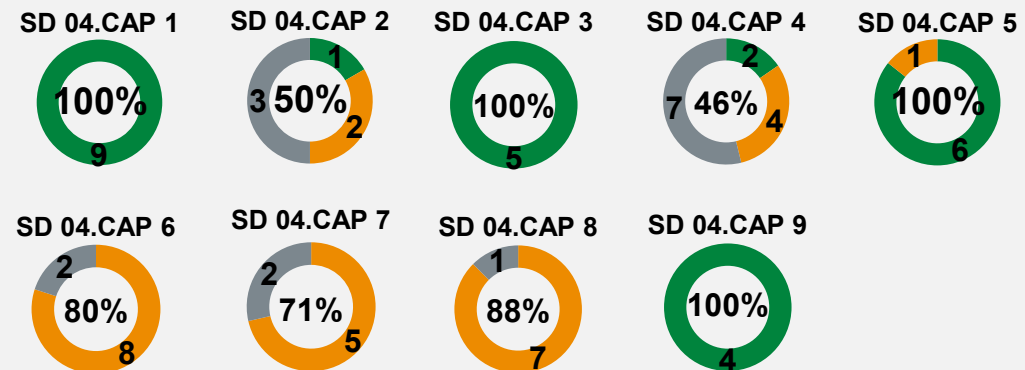
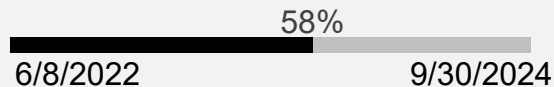


SD 22-4: Track Maintenance & PPE

- ✓ F1: Published updated Rulebook for Operations Employees incorporating PPE requirements – CAP CLOSED
- F2: Reporting against our PPE compliance program on a monthly basis
- ✓ F3: Raised Tufts Curve Speed Restriction after completing Cologne Egg replacement – CAP CLOSED
- F4: Implemented trials for ROW access planning
- F5: Submitted budget requests for MOW equipment and resource needs – CAP Closure request submitted 8/28
- F6: Developed Capital Funding Request & Plan for Accelerated Implementation of EAM
- **F7: Developed and Implemented New Weekly Track Conditions Report for Executives**
- **F8: Worked with MOW and CT to update SMRP to account for new speed restrictions, submitted our new format to FTA for our quarterly update**
- ✓ F9: Restored Green Line Work Train to Working Order – CAP CLOSED

By the Numbers:

- 9 Findings: 2 Closed, 7 Ongoing



Submissions Accepted
Under FTA Review

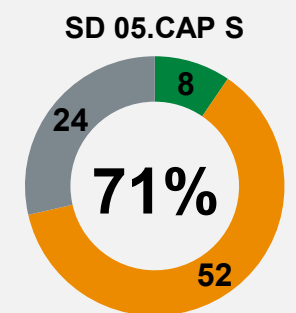
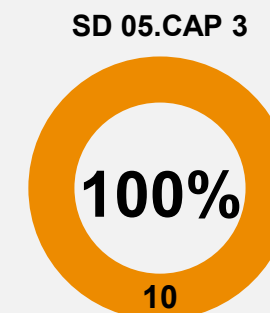
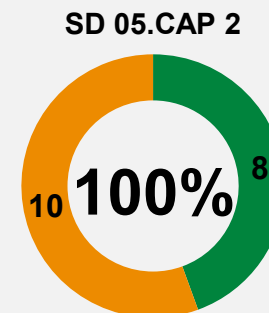
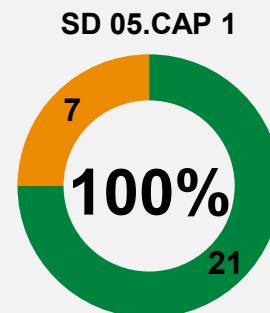
Resubmittal Required
Not Yet Submitted

SD 22-5: Vehicle Securement

- F1: Submitted Supplemental CAP for EV Inspections
- F2: Completed Training of All Heavy and Light Rail Personnel
- F3: Implemented Compliance Program for Safe Movement
- Supplemental: Red Line pilot will begin 10/10/23, Chain of Custody work plan submitted 9/29/23

By the Numbers:

- 3 Findings: 0 Closed, 3 Ongoing

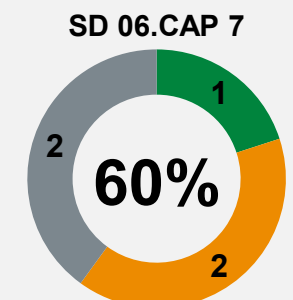
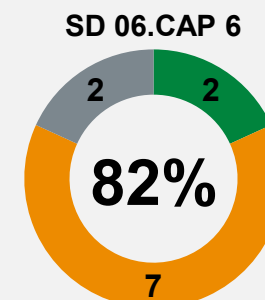
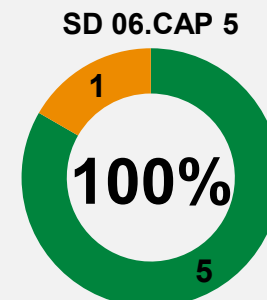
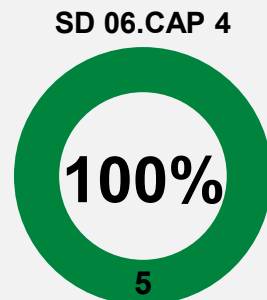


SD 22-6: Operations Control Center

- ✓ F1: Ensured that staff working in OCC are certified – FINDING CLOSED
- ✓ F2: Established policies to ensure OCC staff have sufficient time off between shifts – FINDING CLOSED
- ✓ F3: Established Operating Procedures to Ensure No Staff Performing Dual Roles – FINDING CLOSED
- ✓ F4: Ensured 100% Compliance with Work Hour Restrictions – CAP CLOSED
- F5: Staffed to 26 Dispatchers Including Supplemental Resources
- F6: Implementing plan to make OCC role more attractive
- **F7: Submitted Formal tracking and notification system**

By the Numbers:

- 7 Findings: 3 Closed, 4 Ongoing



Submissions Accepted
Under FTA Review

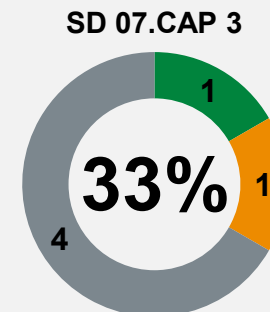
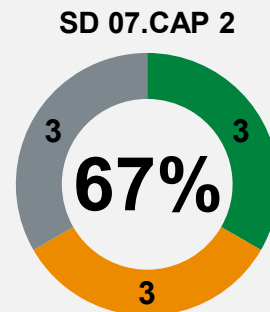
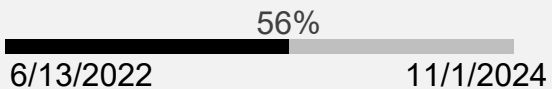
Resubmittal Required
Not Yet Submitted

SD 22-7: Lapsed Certification Process

- F1: Ensured 100% of Operating Personnel Are Current in Certifications – Finding Closure Requested
- F2: Ensured 100% of Operating Personnel Are Current in Certifications - Submitted Special Order revision
- F3: Ensured 100% of Operating Personnel Are Current in Certifications; Designing and Implementing Certification Management Procedures

By the Numbers:

- 3 Findings: 0 Closed, 3 Ongoing



Submissions Accepted
Under FTA Review

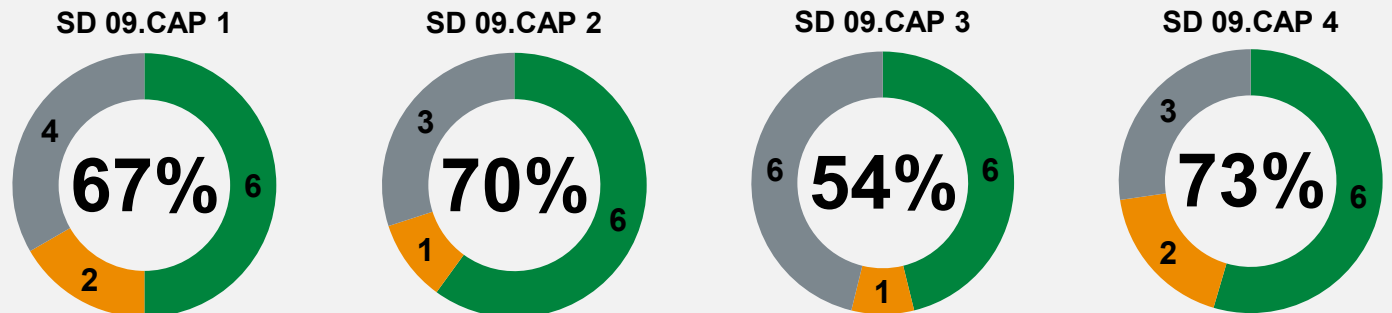
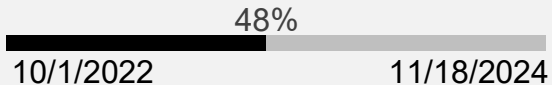
Resubmittal Required
Not Yet Submitted

SD 22-9: Workforce

- F1: Reviewed service level concept and safety risk assessment approach with FTA
- F2: Determined hiring and retention challenge areas to explore to enable the ultimate hiring plan
- **F3: Submitted review of current Safety Certification policy**
- F4: Implemented Contractor Outreach and Engagement Program

By the Numbers:

- 4 Findings: 0 Closed, 4 Ongoing



Submissions Accepted
Under FTA Review

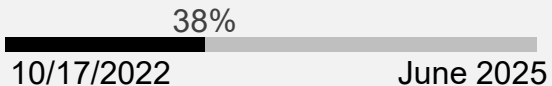
Resubmittal Required
Not Yet Submitted

SD 22-10: Safety Information & SMS

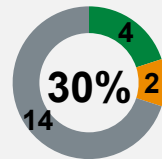
- F1: CAP Resubmittal submitted 9/11/23
- F2/F3: Combined CAP Resubmittal submitted 9/11/23
- F4: Date revision, per FTA request, CAP Resubmittal submitted 9/27/23
- F5: CAP Resubmittal submitted 9/11/23
- F6: Date revision, per FTA request, CAP Resubmittal submitted 9/27/23
- Completed Safety Department Staffing Analysis and submitting weekly hiring updates to FTA, completed Strategic Hiring Plan

By the Numbers:

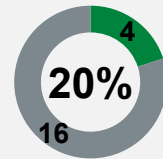
- 6 Findings: 0 Closed, 6 Ongoing



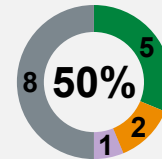
SD 10.CAP 1



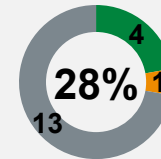
SD 10.CAP 2



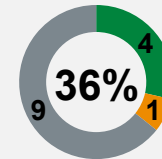
SD 10.CAP 3



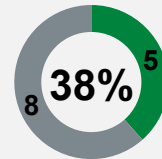
SD 10.CAP 4



SD 10.CAP 5



SD 10.CAP 6



Note - Rewritten CAPs submitted for approval

Submissions Accepted
Under FTA Review

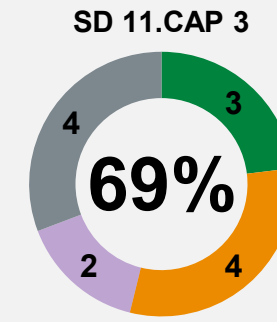
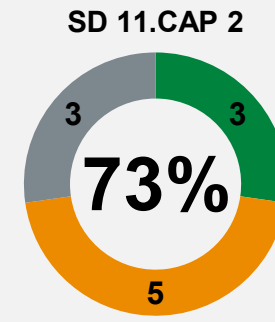
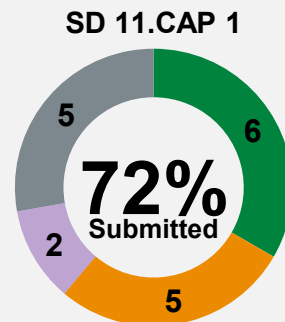
Resubmittal Required
Not Yet Submitted

SD 22-11: Safety Communication

- **F1: Submitted meeting charters to FTA**
- F2: Scheduled & Published Local Safety Committee Meeting Series
- F3: Published Employee-Focused Safety Helpline SOP Submitted Plan for ESRP SRM Integration

By the Numbers:

- 3 Findings: 0 Closed, 3 Ongoing

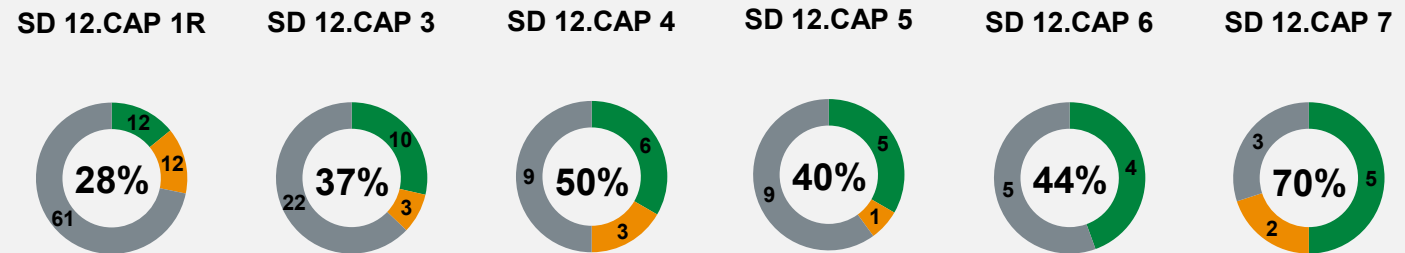
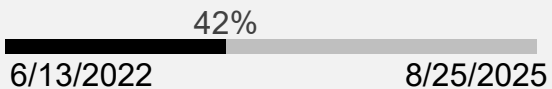


SD 22-12: Policies, Procedures & Training

- **F1: Received approval of rewritten CAP from FTA**
- **F2: Received approval of rewritten CAP from FTA**
- F3: Submitted a request for CAP 3 rewrite 9/7/23
- F4: Assessed Current State Of Training And Developed Recommendations for Training Governance
- F5: Developing Workforce Feedback Workshop on Technology Tool needs
- F6: Selected Technical Support for Expanded Mentorship Program
- F7: Completed Repairs on 17 of 18 Radio Weak Spots, **Developing SOPs for Systemwide Radio**

By the Numbers:

- 7 Findings: 0 Closed, 7 Ongoing



Note - CAPs being re-written