



Massachusetts Bay Transportation Authority

FTA Safety Management Inspection Update

MBTA Safety, Health & Environment Committee Meeting

April 11, 2024

Meredith Sandberg, Chief of Quality, Compliance & Oversight



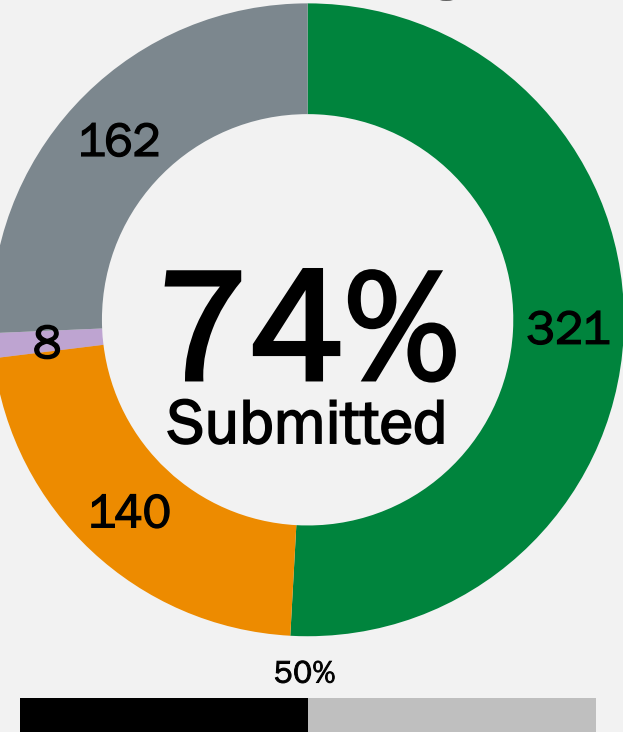
Much of DPU's Triennial Audit will be addressed with currently planned work; working with Safety to plan for all

Triennial Audit Grouping	DPU Findings	Addressed with current work	DPU Recommendations	Addressed with current work	DPU Identified Opportunities	Addressed with current work
Grouping 01. ASP Updates and Safety Management System ("SMS") Implementation	2	-	5	2	-	-
Grouping 02. Safety Management Policy	-	-	1	-	2	1
Grouping 03. Safety Risk Management	1	-	4	3	3	3
Grouping 04. Safety Assurance – Performance Measure	-	-	6	2	2	2
Grouping 05. Safety Assurance – Notifications and Investigations	5	1	9	3	3	3
Grouping 06. Safety Assurance – Compliance with Rules/Procedures	4	3	5	3	2	2
Grouping 07. Safety Assurance – Compliance with Inspections and Maintenance	3	2	6	6	2	2
Grouping 08. Safety Assurance – Compliance with Federal, State, and Local	1	-	5	-	1	-
Grouping 09. SA – Management of Change	3	3	3	2	2	-
Grouping 10. Safety Assurance – Continuous Improvement	-	-	4	-	3	-
Grouping 11. Safety Promotion – Competency and Training	3	3	8	8	1	1
Grouping 12. Safety Promotion – Safety Communication	-	-	6	3	6	5
Total	22	12	62	32	27	19
		55%		52%		70%

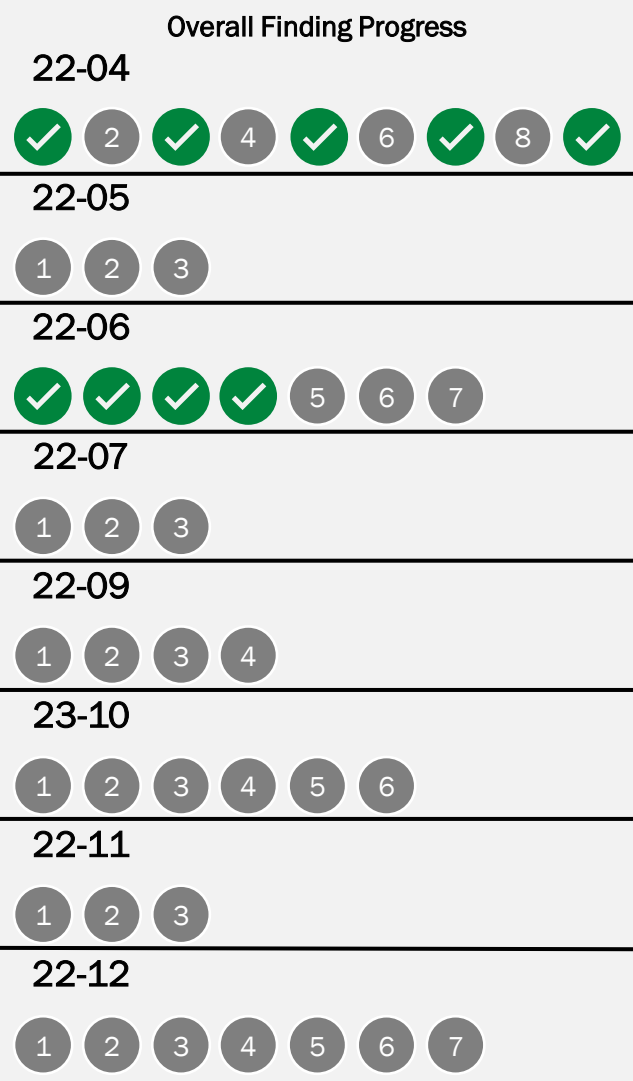
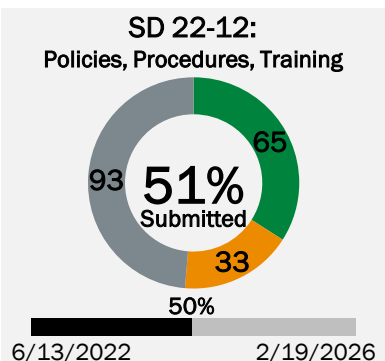
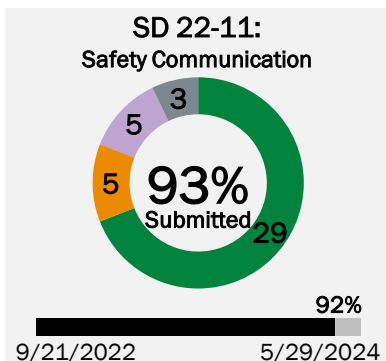
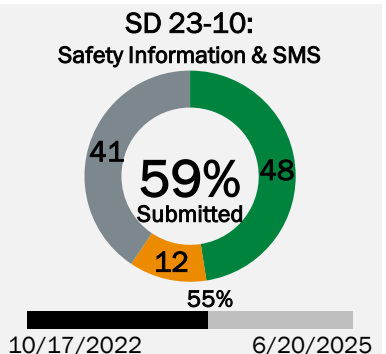
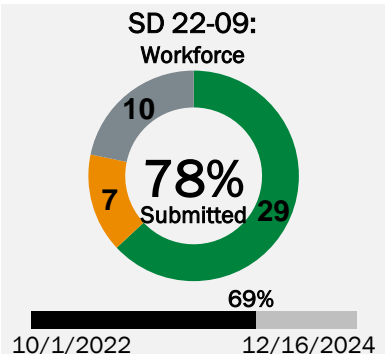
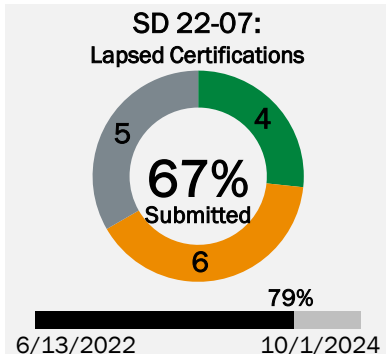
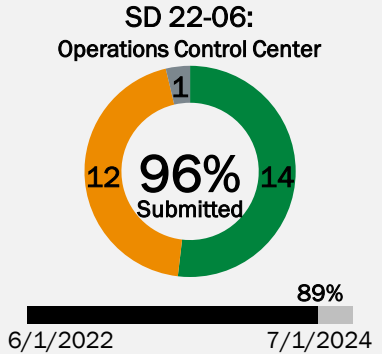
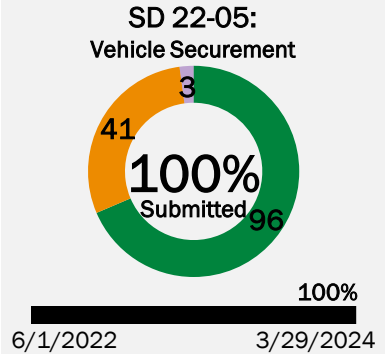
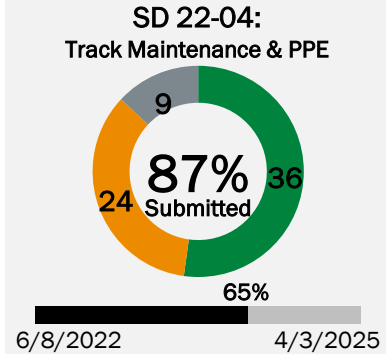
The screenshot displays a web page from the Massachusetts Bay Transportation Authority (MBTA) regarding a Corrective Action Plan (CAP) for FTA 23-10-MBTA-CAT2-1. The page is titled 'Safety Information and Safety Management System (SMS)'. It includes a progress indicator showing '71% Submitted' for the 'FTA Safety Management Inspection Response'. The main content area contains sections for 'BACKGROUND', 'PURPOSE', 'FTA Findings', and 'ANALYSIS AND ANALYSIS'. The 'ANALYSIS AND ANALYSIS' section lists three findings related to safety risk management and prioritization. The sidebar on the right features a '71% Submitted' progress bar and a 'MBTA Careers' section with a photo of staff members.

FTA SMI Response Progress Summary

Overall CAP Progress¹



Overall Findings	Total	42
	Closed	9
	Ongoing	33



✓ Finding Closed

1. Total of 631 actionable items; inclusive of updated 23-10 & 23-12 CAPs, does not include IAL items



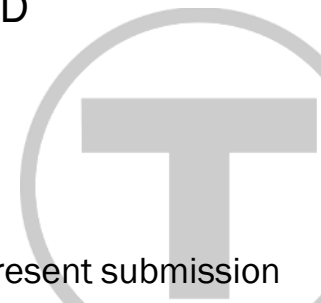
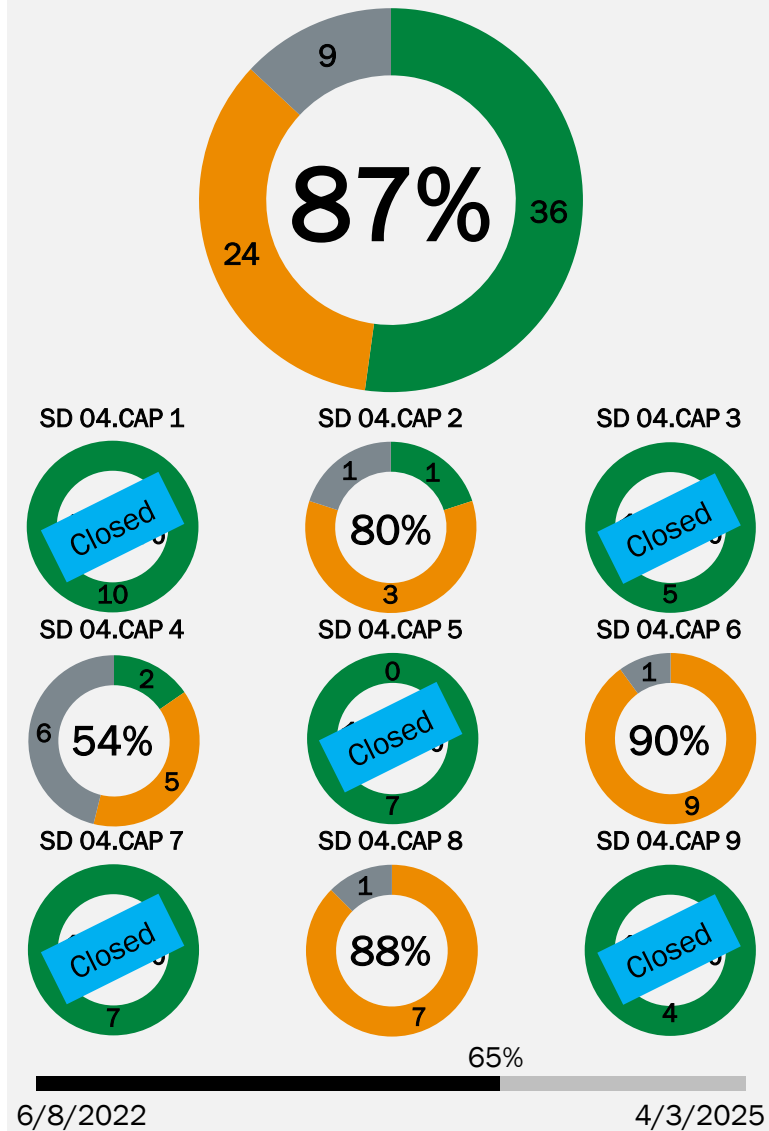
Questions?

Appendix

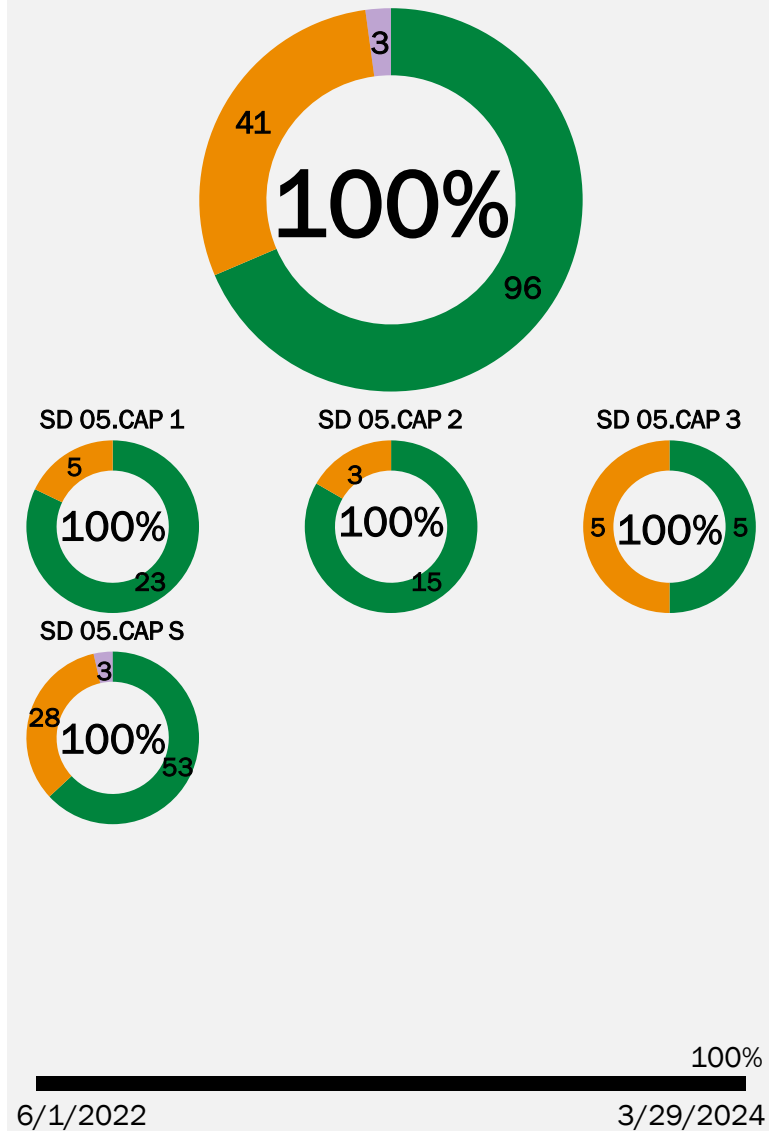


SD 22-4: Track Maintenance & PPE

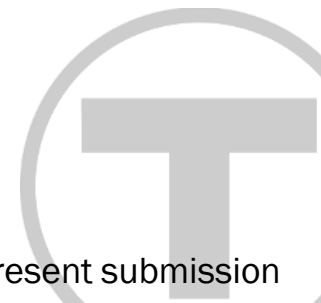
- ✓ F1: Published updated Rulebook for Operations Employees incorporating PPE requirements – CAP CLOSED
- F2: **All action items completed**
- ✓ F3: Raised Tufts Curve Speed Restriction after completing Cologne Egg replacement – CAP CLOSED
- F4: Developed schedule for ROW Access for MOW – Track Improvement Program (TIP) – relief approved for remaining action items on 2/21/24
- ✓ F5: Submitted budget requests for MOW equipment and resource needs – CAP CLOSED 12/22/23
- F6: Developed Capital Funding Request & Plan for Accelerated Implementation of EAM – Trapeze demo for FTA planned for April on site
- ✓ F7: Developed and Implemented New Weekly Track Conditions Report for Executives – CAP Closed 2/9/24
- F8: **Submitted SMRP metrics to FTA for our quarterly update 3/29/23**
- ✓ F9: Restored Green Line Work Train to Working Order – CAP CLOSED



SD 22-5: Vehicle Securement

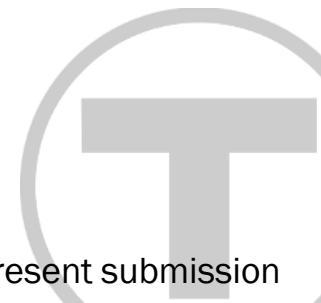
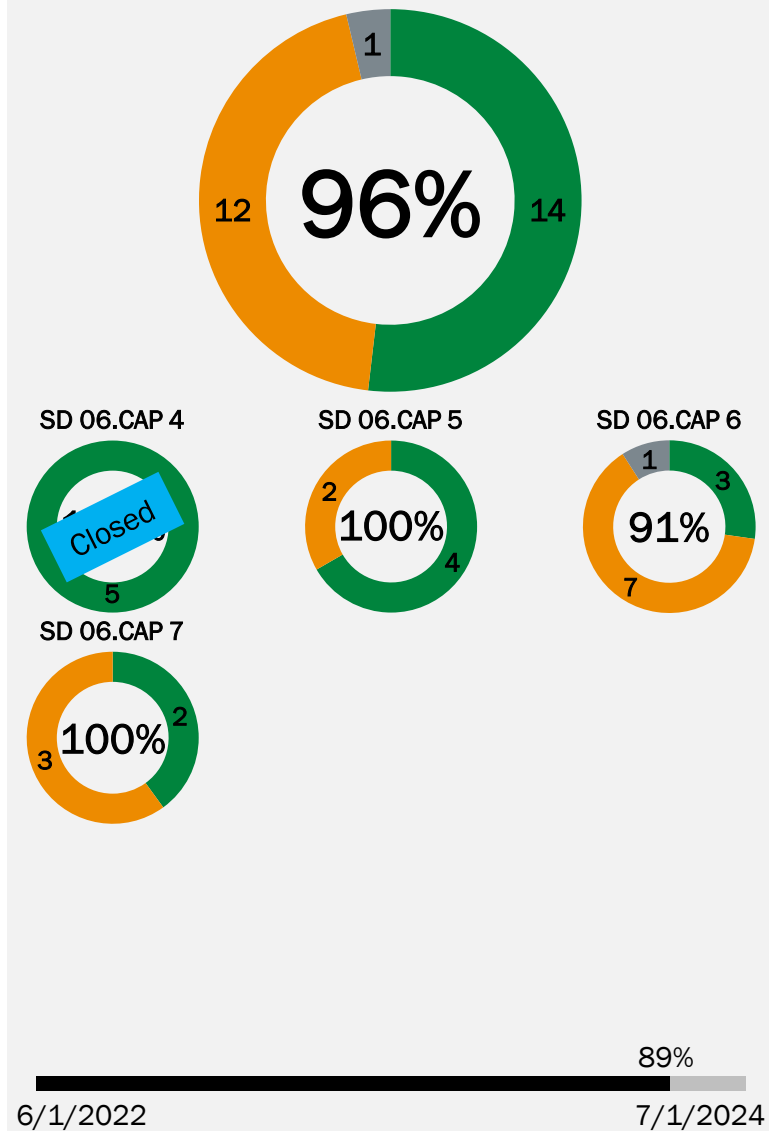


- F1: Procedures for Safe Movements of Rail Vehicles– all action items completed, in FTA verification
- F2: Training for SMRV Procedures – all action items completed, in FTA verification
- F3: Implemented Compliance Program for Safe Movement, all action items completed, in FTA verification
- Supplemental: **All action items completed. Under FTA review.**

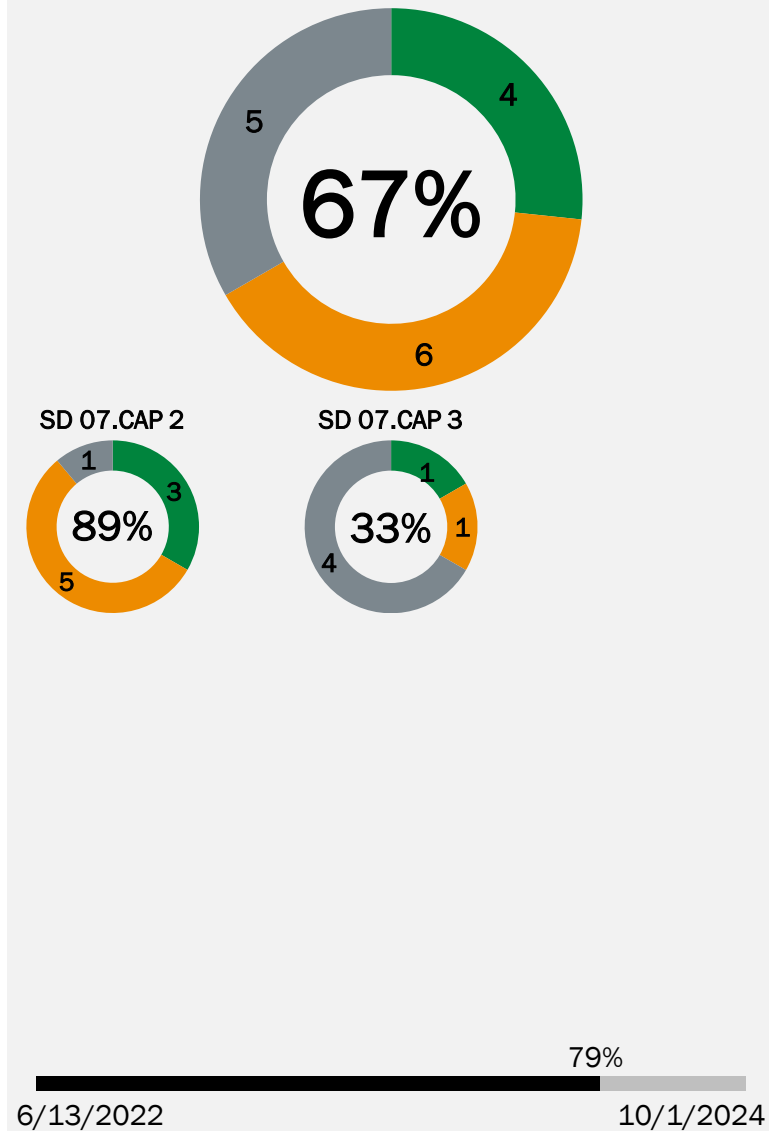


SD 22-6: Operations Control Center

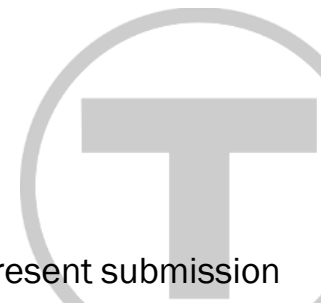
- ✓ F1: Ensured that staff working in OCC are certified – FINDING CLOSED
- ✓ F2: Established policies to ensure OCC staff have sufficient time off between shifts – FINDING CLOSED
- ✓ F3: Established Operating Procedures to Ensure No Staff Performing Dual Roles – FINDING CLOSED
- ✓ F4: Ensured 100% Compliance with Work Hour Restrictions – CAP CLOSED
- F5: Staffed to 27 RTL Dispatchers Including Supplemental Resources - all action items completed, under FTA verification
- F6: Implementing plan to make OCC role more attractive (OCC renovation in design phase) – Held PDG meeting for design & construction of new OCC room.
- F7: Submitted Plan for Formal tracking and notification system – all action items completed.



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 – all action items completed.
- F3: Ensured 100% of Operating Personnel Are Current in Certifications; Designing and Implementing Certification Management Procedures - dashboard went live 2/1/24.



Submissions Accepted

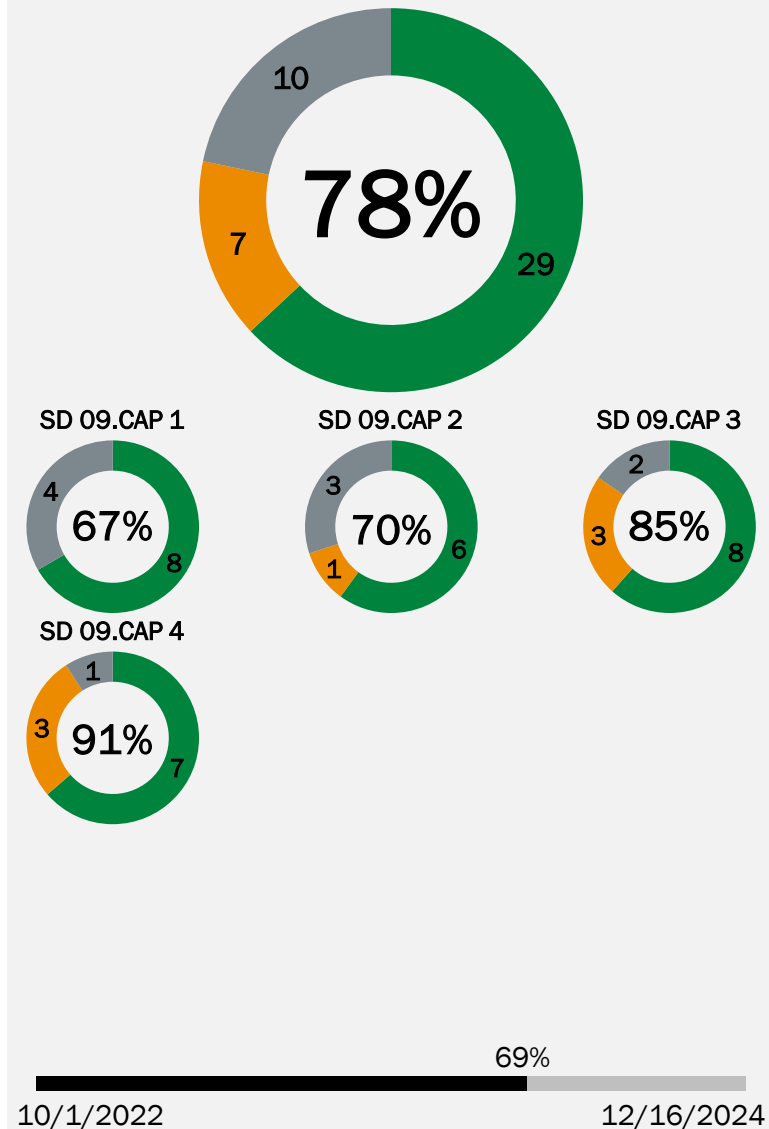
Under FTA Review

Resubmittal Required

Not Yet Submitted

SD 22-9: Workforce

- F1: Workforce Assessment: Progressing toward completing WFA modeling.
- F2: Hiring Plan: Conducted an industry scan of transit agency recruitment, hiring, and retention practices which will inform potential practices that a transportation agency may choose to implement in efforts to mitigate workforce challenges
- F3: Updated Safety Certification policy for identified gaps, developing training on new policy.
- F4: Contractor Oversight: All action items completed.



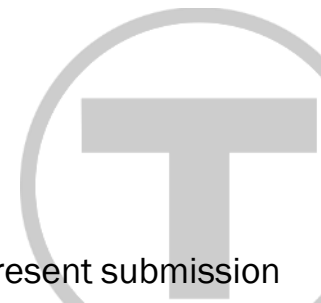
10/1/2022

12/16/2024

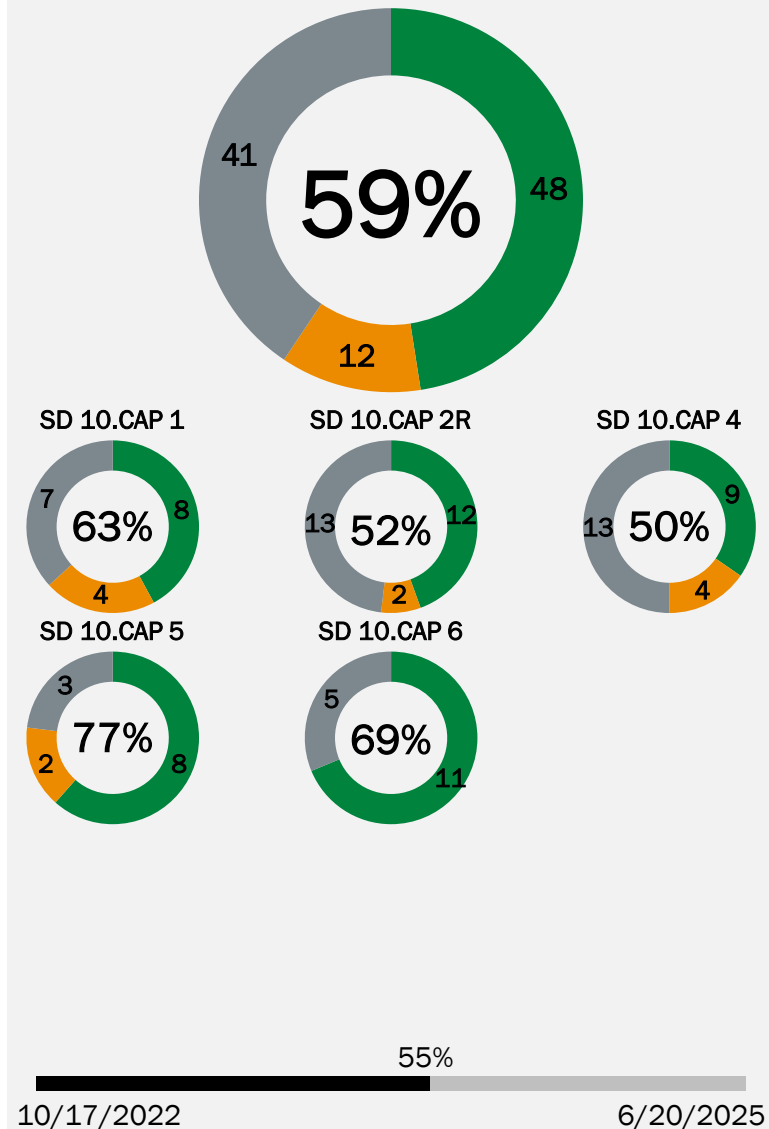
Data as of: March 31, 2024

Draft for Discussion & Policy Purposes Only

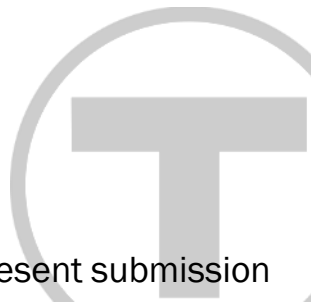
Note: Percentages in charts represent submission



SD 23-10: Safety Information & SMS

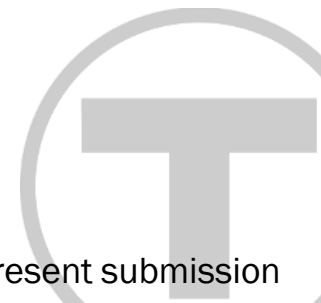
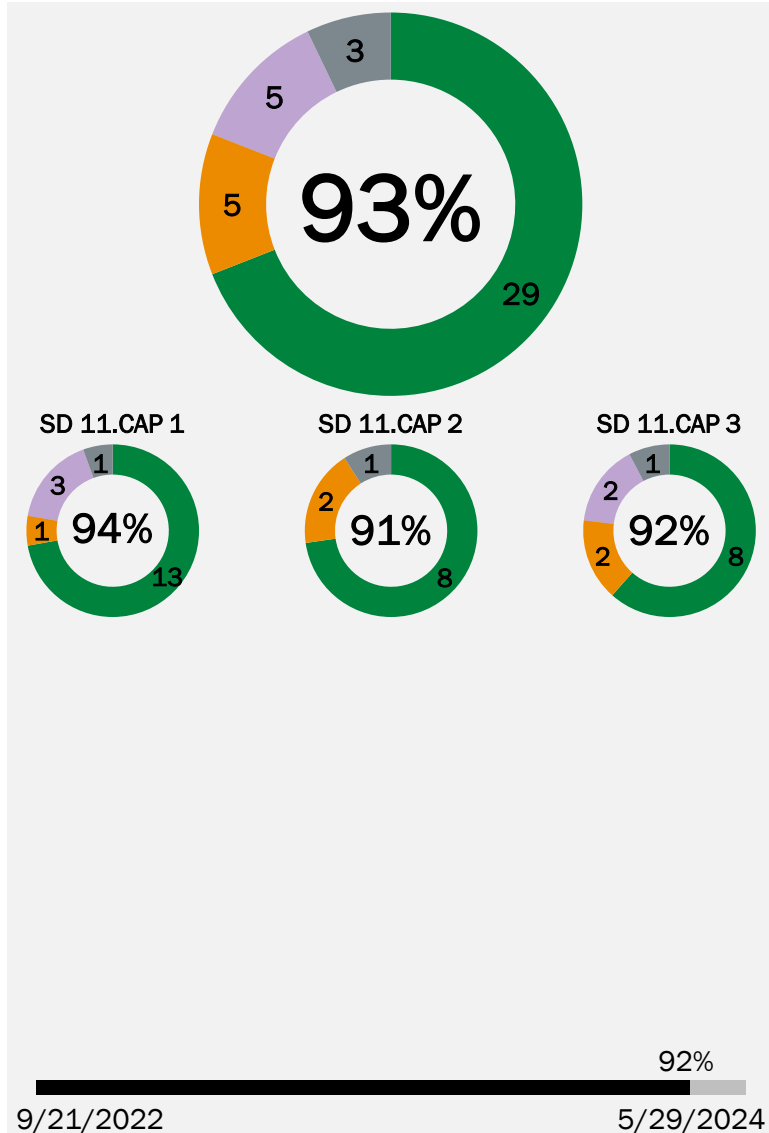


- F1: FTA accepted SMS Gap analysis, developing implementation plan to close gaps
- F2/F3: Assessed responsible parties for risk acceptance
- F4: **Implementing plan to complete backlog of reports**
- F5: **Identifying gaps Safety Risk Assessment Training**
- F6: Evaluating Safety Data products
- Completed Safety Department Staffing Analysis and submitting weekly hiring updates to FTA, completed Strategic Hiring Plan

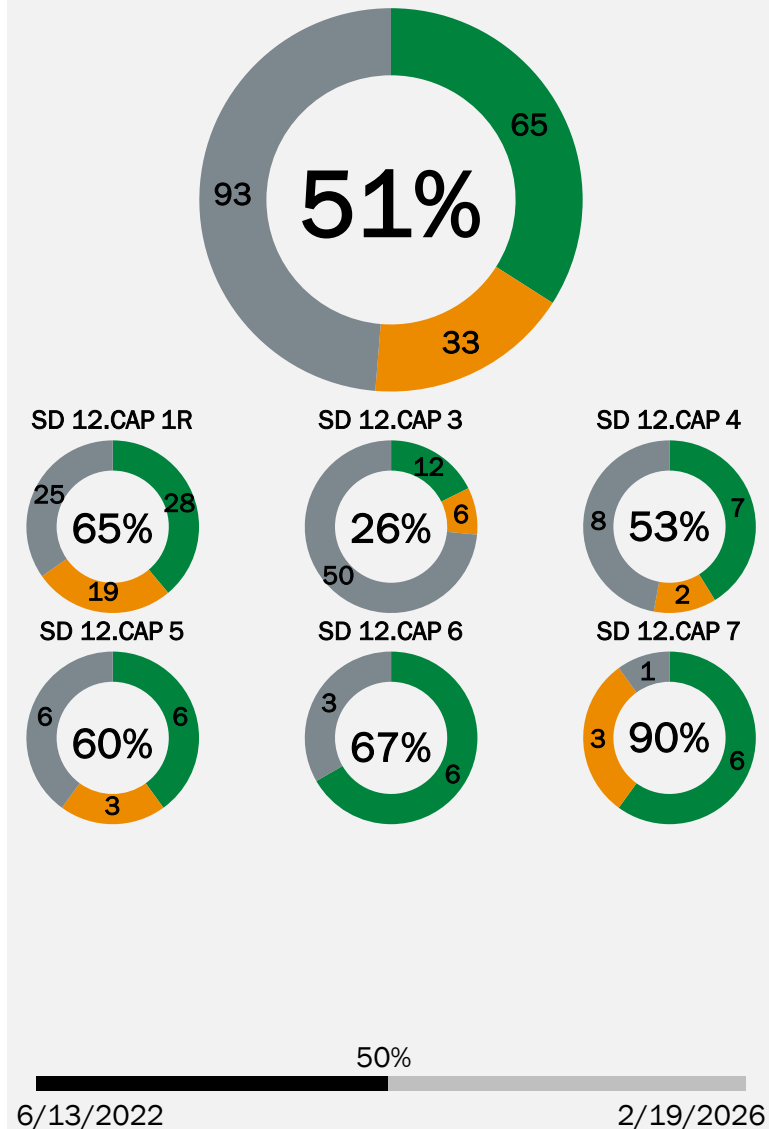


SD 22-11: Safety Communication

- F1: All action items completed, under FTA verification
- F2: All action items completed, under FTA verification
- F3: All action items completed, under FTA verification



SD 22-12: Policies, Procedures & Training



- F1/F2: Developed thematic areas for Compliance
- F3: **Inventoried Current State of Quality Management activities for VM & VE**
- F4: Developed Recommendations for Centralized Training Governance
- F5: Developed plan for digitization for PMIs for E&M and VM
- F6: Evaluated program design for Rail Ops mentorship
- F7: Completed all action items, FTA verified quarterly Radio Weak Spots assessment.

