



Federal performance measures and targets

Board of Directors: February 19, 2025

Federal performance areas



PM1:
Safety
performance



PM2:
Infrastructure
condition



PM3: System
performance,
freight, and
CMAQ



TAM: Transit
Asset
Management



PTASP: Public
Transportation
Agency Safety
Plan

Federal Highway Administration

Federal Transit Administration

PM1: safety performance overview

Area – Public roads in the DRCOG MPO region.

Data – Provided by CDOT, CDOT geo-locates “on-system” data and DRCOG geo-locates “off-system” data.

Performance measures –

- Number of fatalities.

- Rate of fatalities per 100 million vehicle miles traveled.

- Number of serious injuries.

- Rate of serious injuries per 100 million vehicle miles traveled.

- Number of non-motorized fatalities and serious injuries.

Calculation – 5-Year rolling average of 5 individual, consecutive points of data.

Federal guidance –

- Targets should be realistic and achievable, not aspirational.

- DRCOG can support CDOT’s state targets or **set our own for the region.**

Penalty –

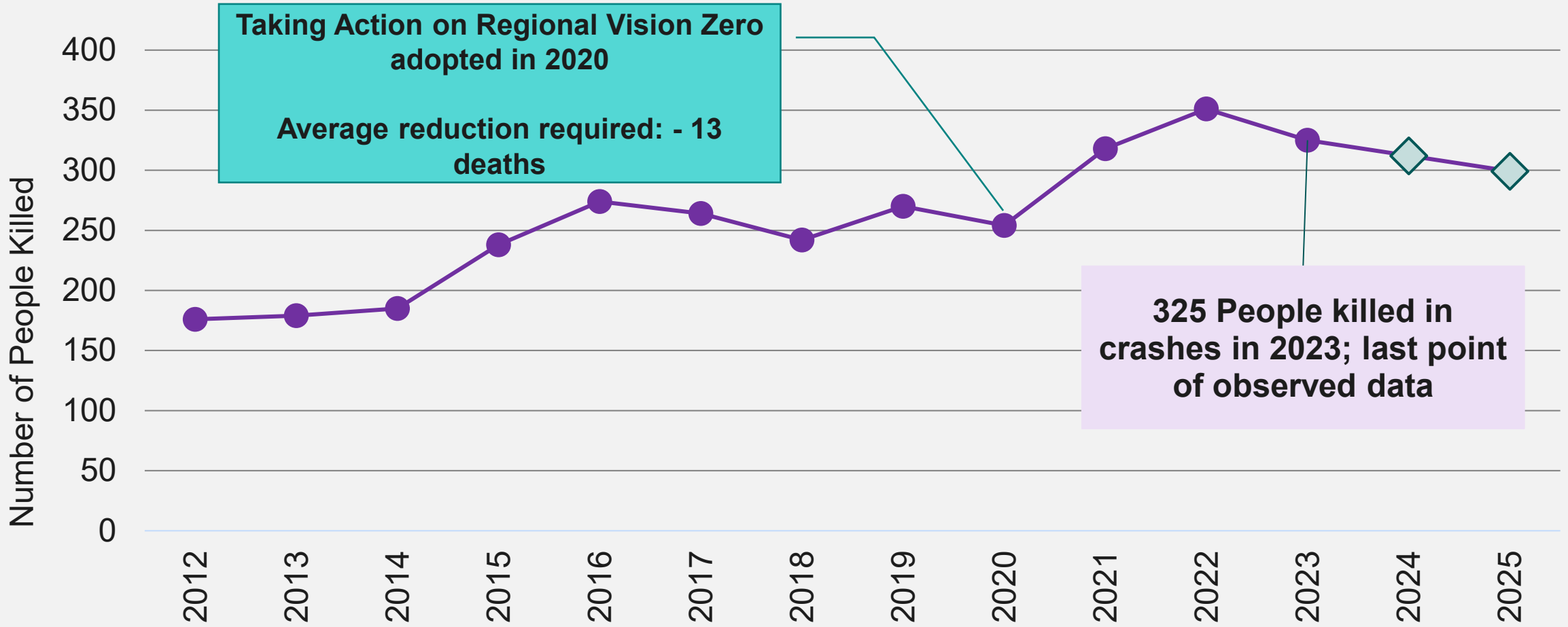
- No financial penalty or funding restriction.

- Additional scrutiny into the planning process during the quadrennial federal certification.

Methodology

- “Loss of life is not an acceptable price to pay for mobility.”
- Targets based on 0 fatalities and 0 serious injuries.
- Targets balance the aspirational goal of zero with the federal requirement that targets must be short-term and realistic.

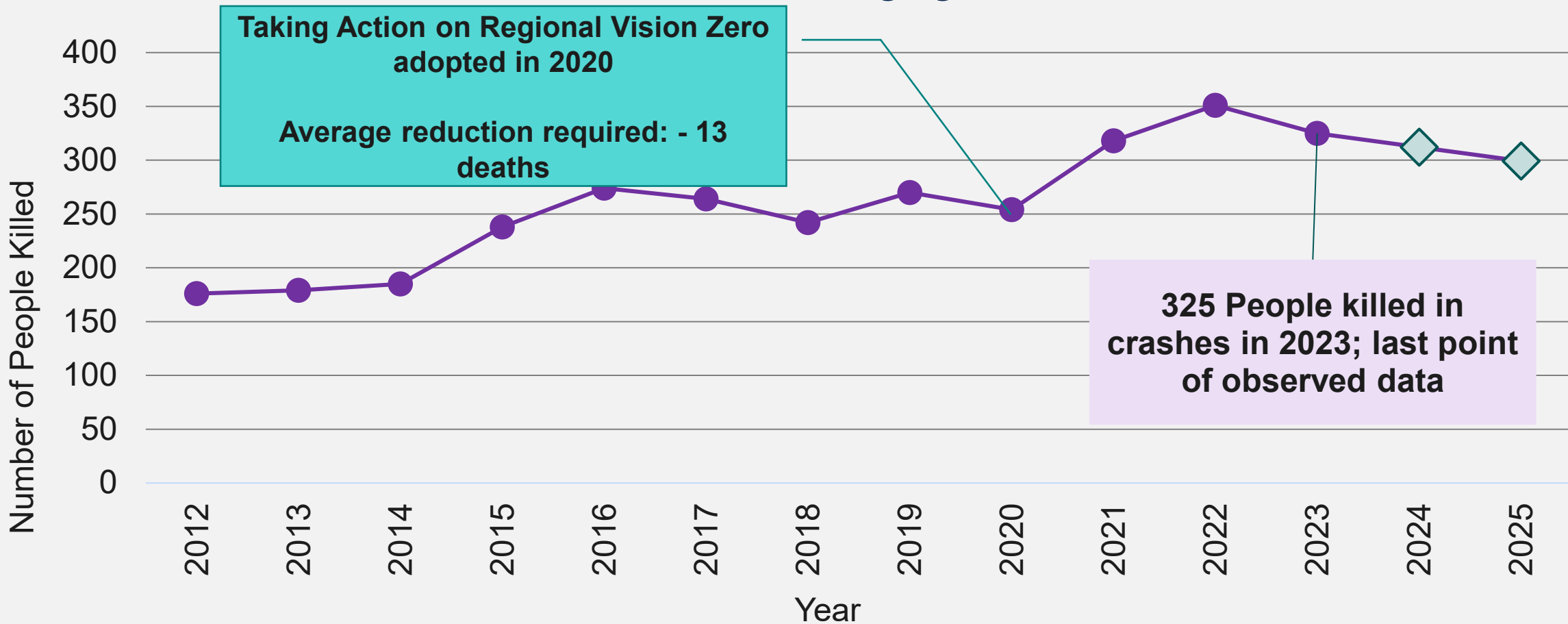
People killed in crashes by year



Year	2021	2022	2023	2024	2025	Calculating target
Number of fatalities						

2021-2023 Observed 2024-2025 Projection

People killed in crashes by year



Year	2021	2022	2023	2024	2025	Calculating target
Number of fatalities	318	351	325	312	299	$(318+351+325+312+299)/5 = \underline{321}$

2021-2023 Observed 2024-2025 Projection

Proposed 2025 safety targets

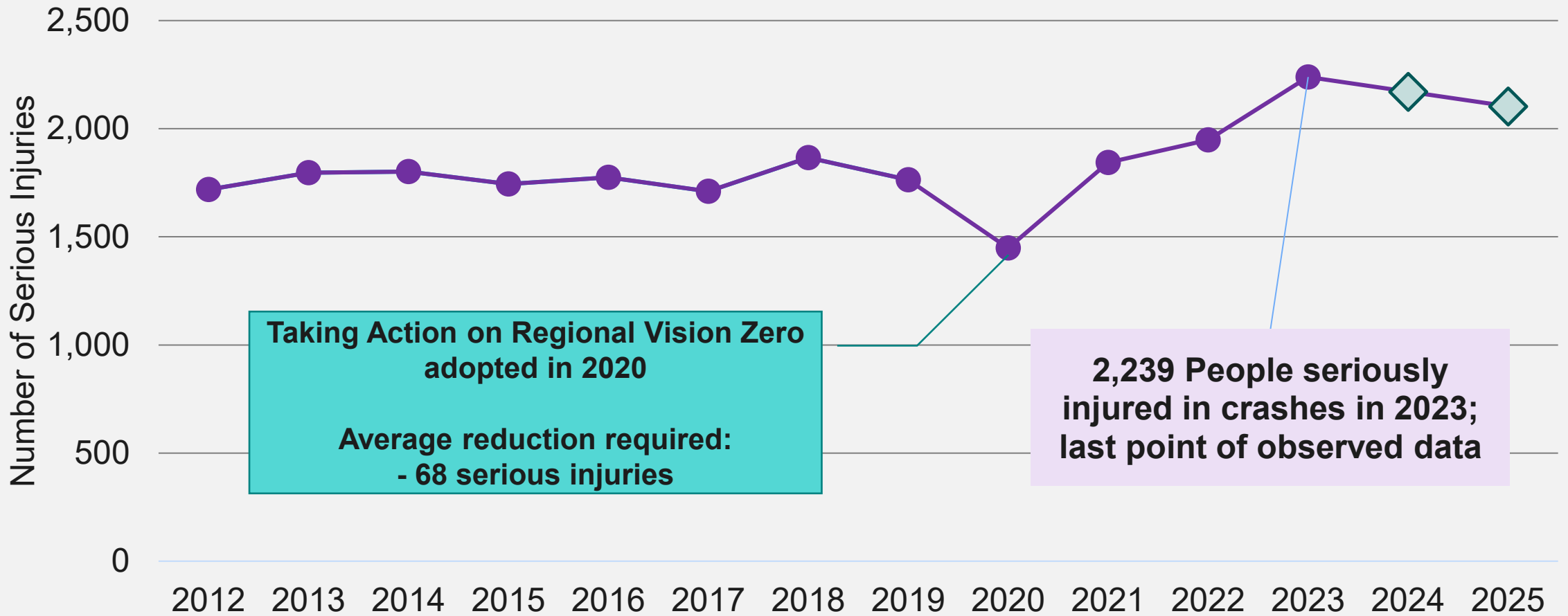
Desired trend:



Down for all targets.

Safety	2025 Baseline	2025 targets (2020-2024)
Number of fatalities (chart shown)	TBD	321

Serious injuries in crashes by year



Year	2021	2022	2023	2024	2025	Calculating target
Number of fatalities	1,844	1,948	2,239	2,171	2,103	$(1844+1948+2239+2171+2103)/5 = \text{Target of } 2,061$
	2021-2023 Observed			2023-2025 Projection		

Proposed 2025 safety targets

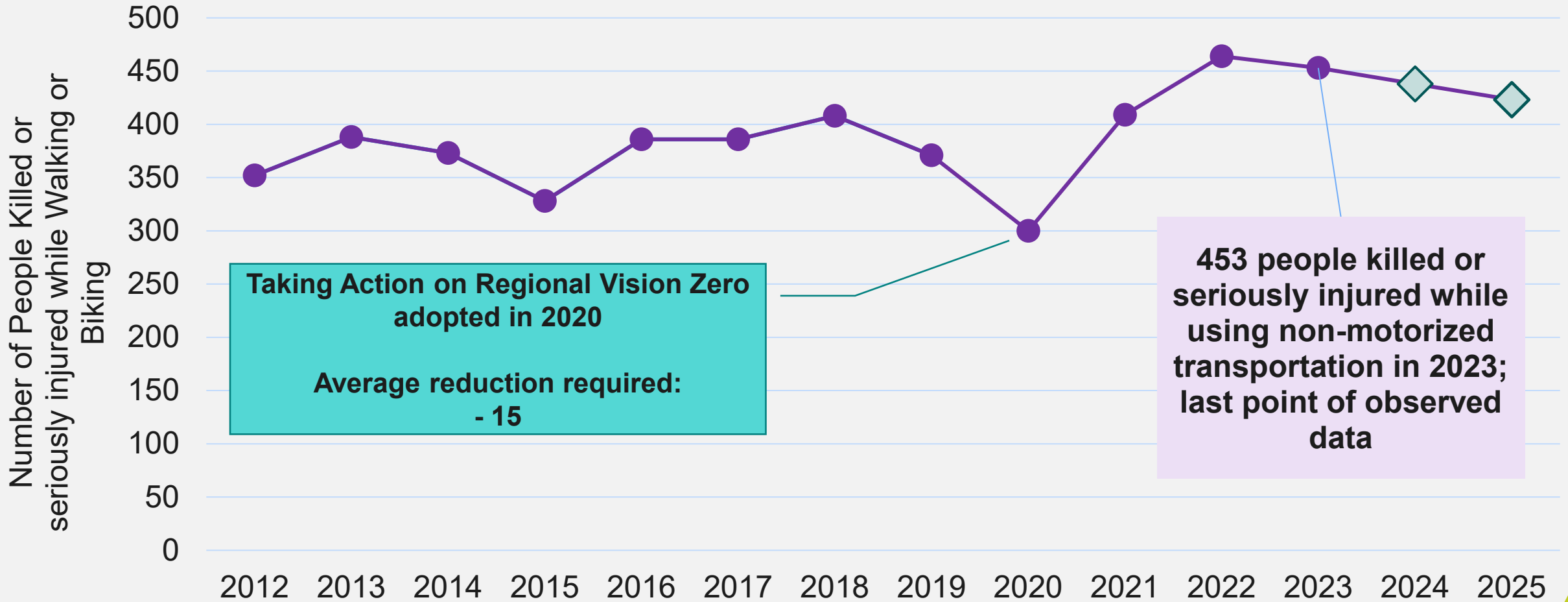
Desired trend:



Down for all targets.

Safety	2025 Baseline	2025 targets (2020-2024)
Number of fatalities (chart shown)	TBD	321
Number of serious injuries (chart shown)	TBD	2,061

Non-motorized deaths and serious injuries



Year	2021	2022	2023	2024	2025	Calculating target
Number of fatalities	409	464	453	438	423	$(409+464+453+438+423)/5$ = Target of 437

2021-2023 Observed 2024-2025 Projection

Proposed 2025 safety targets

Desired trend:



Down for all targets.

Safety	2025 Baseline	2025 targets (2020-2024)
Number of fatalities (chart shown)	TBD	321
Number of serious injuries (chart shown)	TBD	2,061
Number of non-motorized fatalities and serious injuries (chart shown)	TBD	437

Proposed 2025 safety targets

Desired trend:



Down for all targets.

Safety	2025 Baseline	2025 targets (2020-2024)
Number of fatalities (chart shown)	TBD	321
Number of serious injuries (chart shown)	TBD	2,061
Number of non-motorized fatalities and serious injuries (chart shown)	TBD	437
Rate of fatalities per 100 million vehicle miles traveled	TBD	1.123
Rate of serious injuries per 100 million vehicle miles traveled	TBD	7.195

Did we achieve previous targets?

Performance Measures	Desired Trend	2018 (2014-2018)	2019 (2015-2019)	2020 (2016-2020)	2021 (2017-2021)	2022 (2018-2022)	2023 (2019-2023)
		Achieved?	Achieved?	Achieved?	Achieved?	Achieved?	Achieved?
People Killed (Fatalities)	⏚	✓	✗	✗	✗	✗	✗
Fatality rate	⏚	✓	✓	✗	✗	✗	✗
Serious injuries	⏚	✓	✓	✓	✓	✗	✗
Serious injury rate	⏚	✓	✓	✓	✓	✗	✗
Non-motorized	⏚	✗	✗	✗	✓	✗	✗



What are we doing?

Last time we were here...

- Taking Action on Regional Vision Zero update. ✓
- SS4A grant exploration. ✓
- Crash data dashboard kick-off and implementation. ✓
- Active Transportation Plan update. ⌚



Ongoing and new work

Improve collaboration between allied agencies.



- Continue to host **Regional Vision Zero Work Group Meetings.**

Increase awareness and adoption of vision zero.



- Participate in the **Colorado Safe Routes to School Advisory Committee.**

Ongoing and new work

Design and retrofit roadways to prioritize people's safety.



- Participating on multiple **local corridor safety studies**.

Increase funding and resources.



- Hiring a **second Senior Safety Planner** to lead Vision Zero initiatives and develop a safety program.
- Supporting locals with **SS4A-funded development** of local safety action plans.
- 2024-27 TIP includes **207 TIP Projects at \$434.8 million** that will improve safety.

Ongoing and new work

Improve data collection and reporting.



- Launching a **permanent Crash Data Consortium** in 2025.
- Continued participation in the **Colorado Statewide Traffic Records Advisory Committee** meetings to help improve the quality of crash data and form completeness. Exploring becoming a voting member of STRAC.



PM2: Bridge Condition

Federal performance areas



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PM2: bridge condition overview

Area – Individual state 2- & 4- year targets for **all bridges carrying the NHS**, including on- and off- ramps (DRCOG: 4-year target only)

Data – National Bridge Inventory (NBI)

Performance Measures –

- % of NHS bridges by deck area classified as in Good condition
- % of NHS bridges by deck area classified as in Poor condition

Calculation –

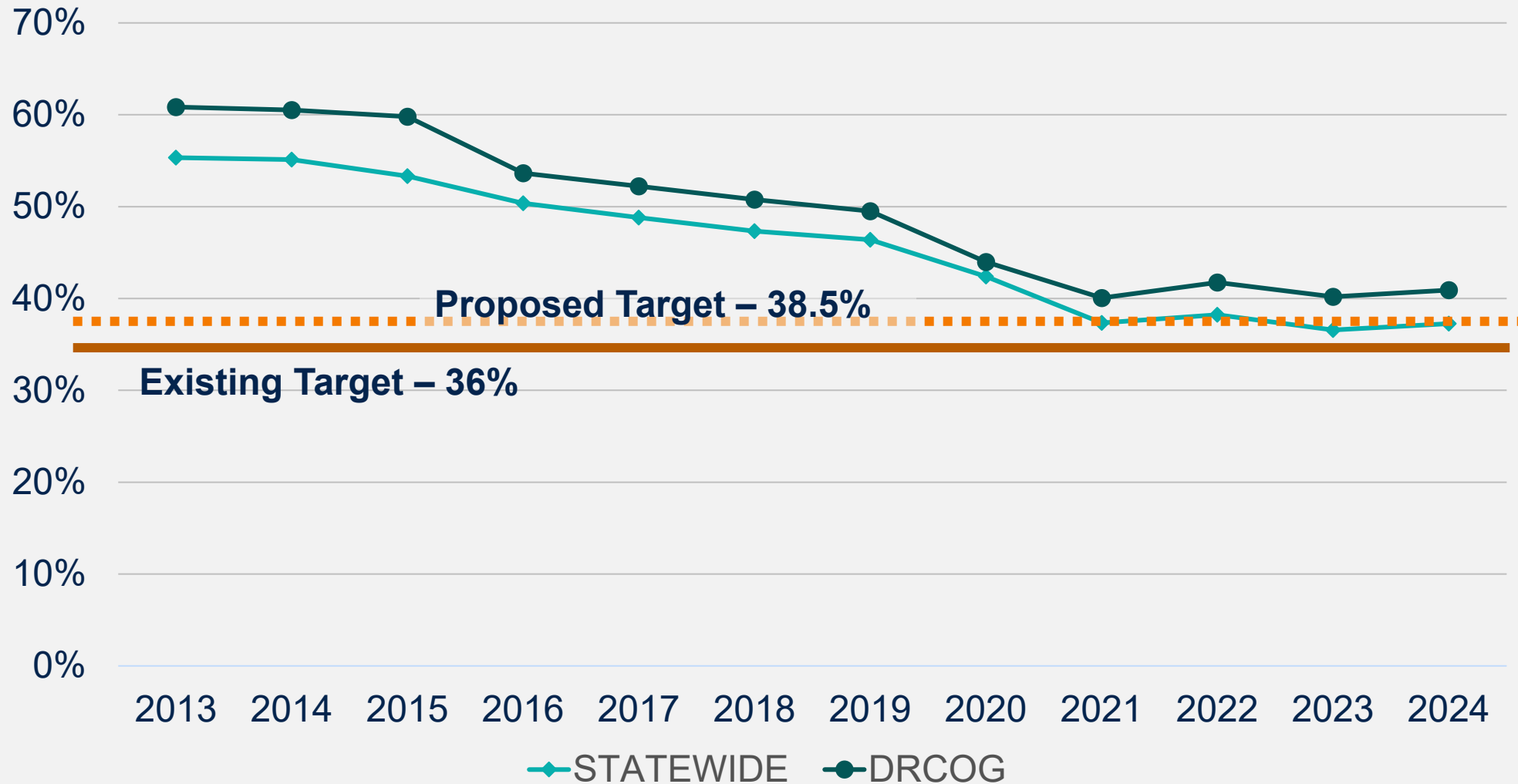
- Good and Poor Condition Rating Areas: Deck, Superstructure, Substructure, and Culvert

Federal Guidance –

- Targets should be realistic and achievable, not aspirational
- DRCOG can support CDOT's state targets or set our own for the region

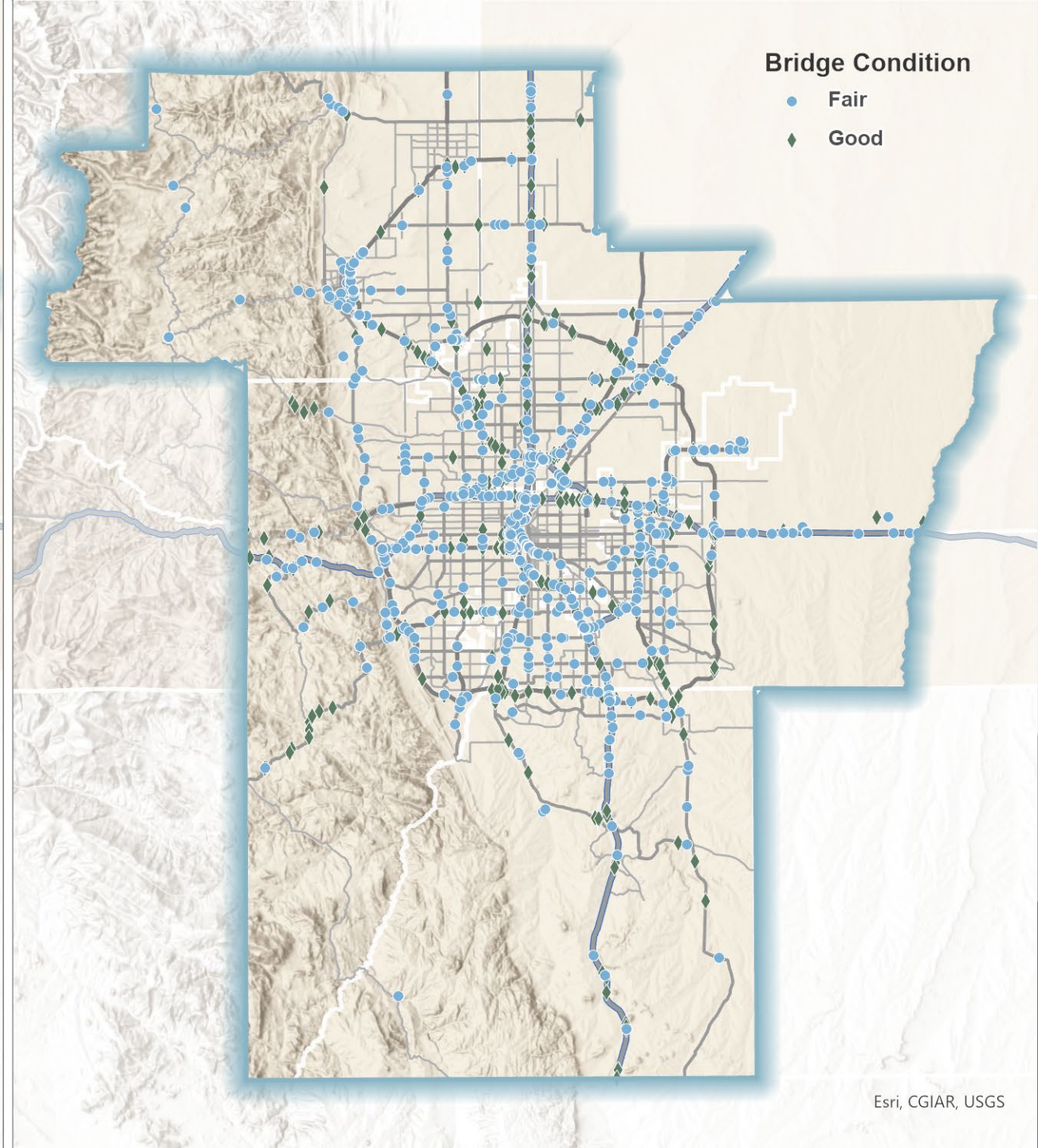
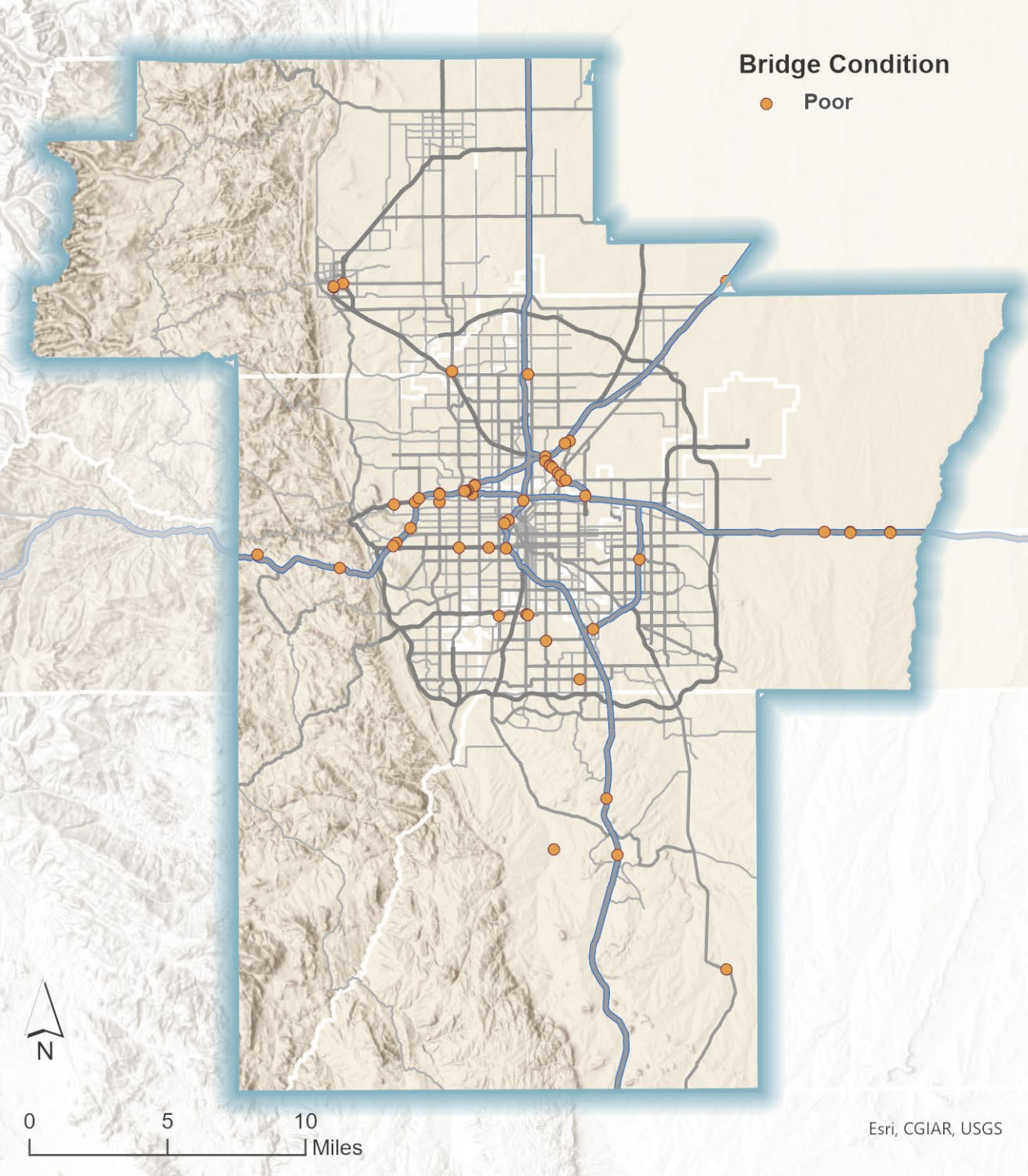
Historic bridge condition performance

NHS bridge deck area rated "Good" by year



Current bridge performance

	Existing Four-Year Target	Suggested Revised Target	2024 Data	2024 Data (count)
NHS bridge deck area rated “good”	36% or more	38.5% or more	40.92%	472 bridges
NHS bridge deck area rated “poor”	4% or less	No change	3.49%	61 bridges



Recommended motion

Move to adopt a resolution adopting the 2025 safety targets and revised four-year bridge condition targets for the metropolitan planning organization area as part of federal performance-based planning and programming requirements.

Thank you! Questions?

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