Safety Performance Targets - 2025

Transportation Advisory Committee
February 04,2025

CHITTENDEN COUNTY RPC

VTrans 2025 Safety Measures and Targets

FHWA established five safety Performance Measures (PM) in 2016. These are:

- Number of Fatalities
- Rate of Fatalities (per 100 million vehicle miles traveled (VMT))
- Number of Serious Injuries
- Rate of Serious Injuries (per 100 million VMT)
- Number of Non-Motorized Fatalities and Serious Injuries.

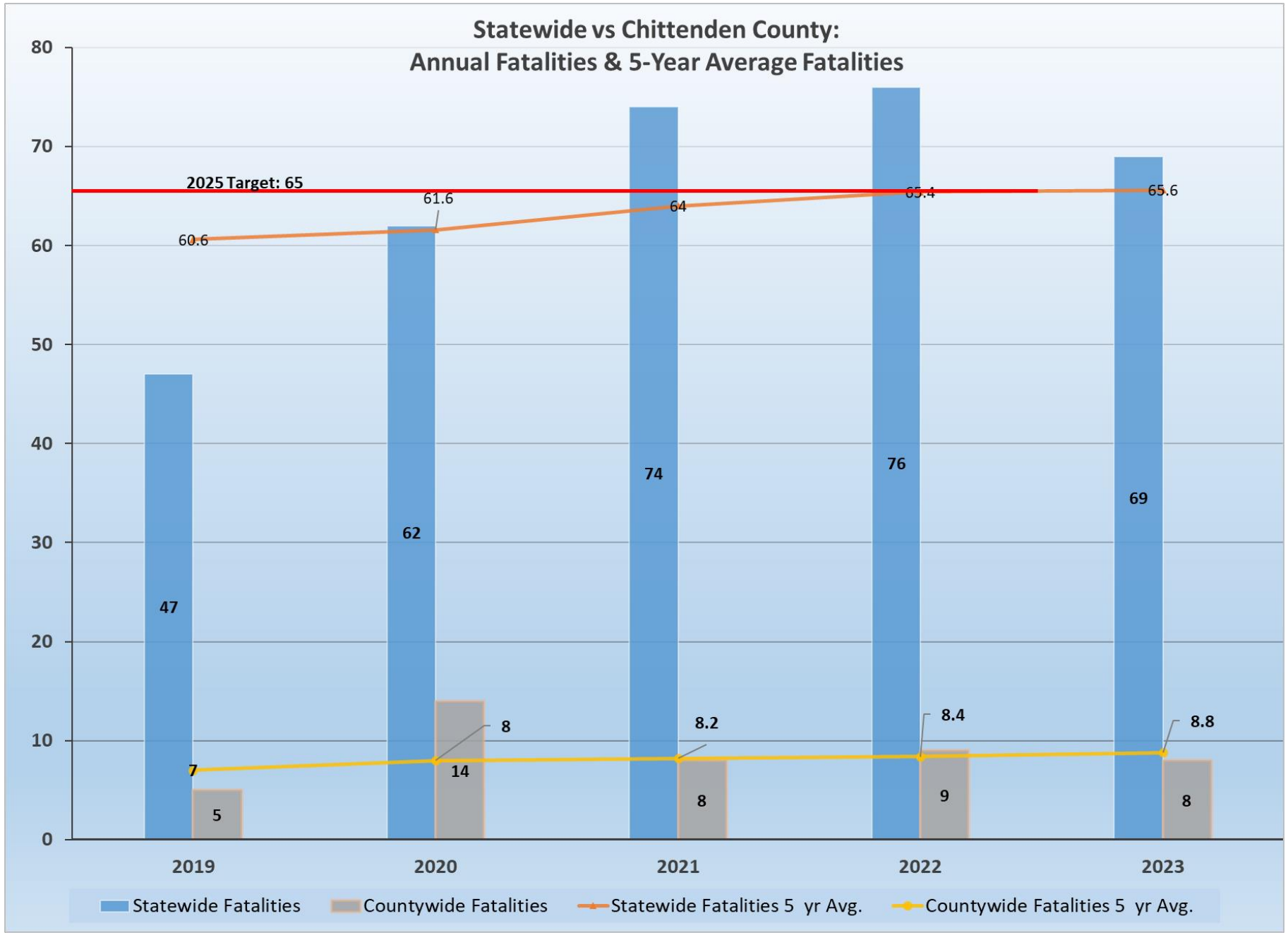
VTrans 2025 Safety Measures and Targets

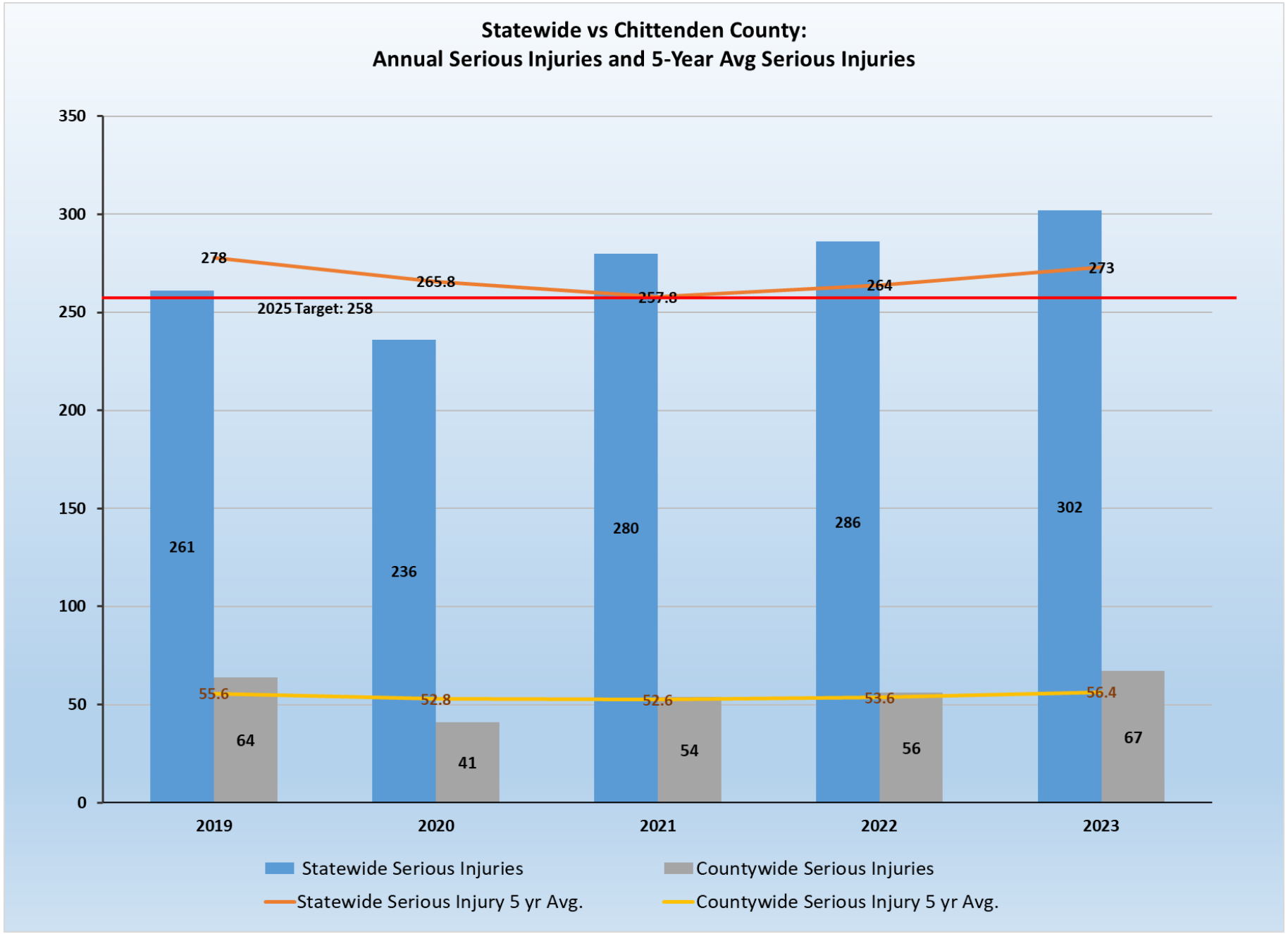
Safety PM Final Rule established the process for State Departments of Transportation (DOTs) and Metropolitan Planning Organizations (MPOs) to establish and report their safety targets.

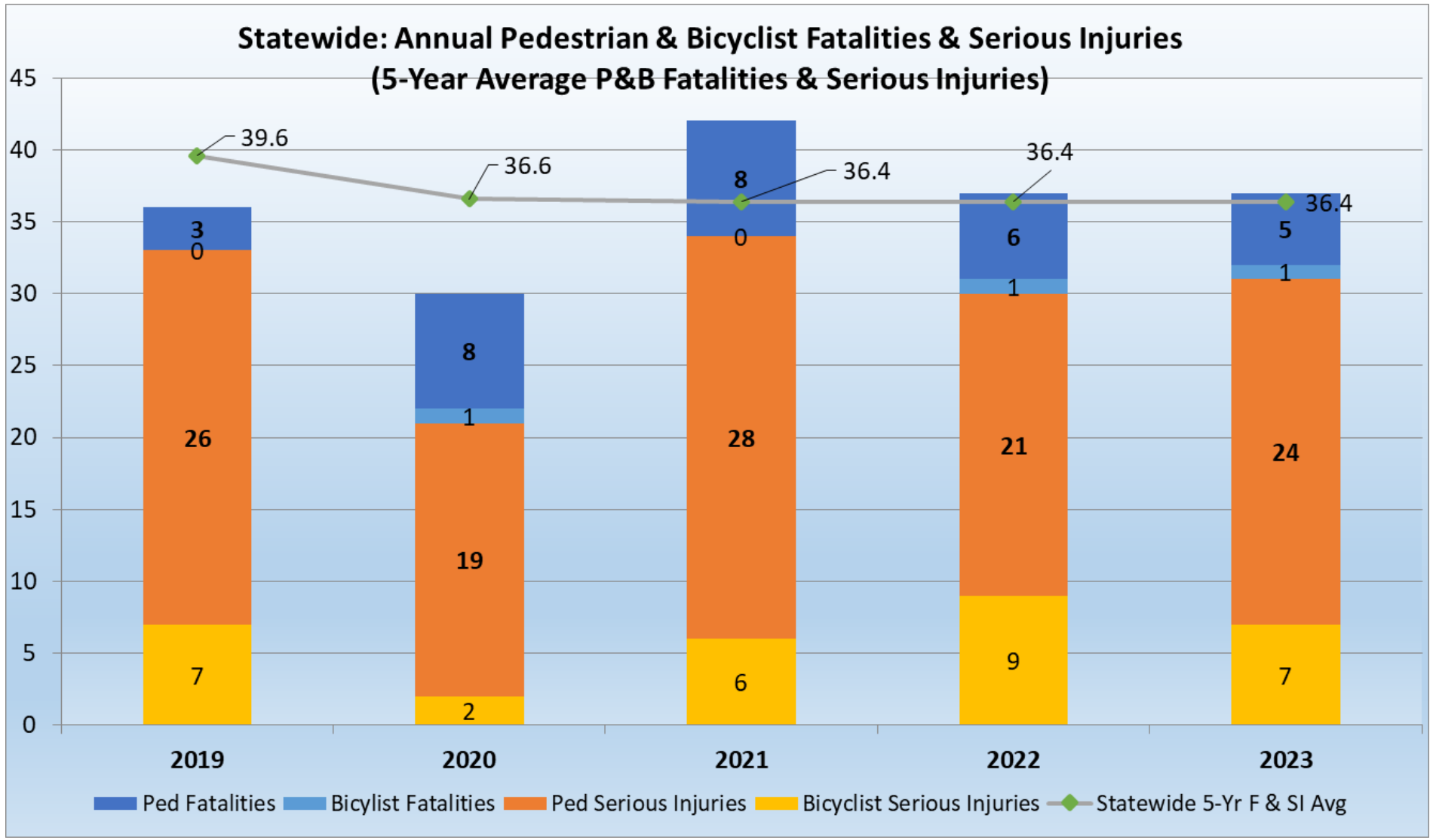
- State DOTs (VTrans) establish statewide targets annually for each of the safety performance measures.
- MPOs (CCRPC) establish targets for the five safety performance measures for all public roads in the metropolitan planning area within 180 days from the date the statewide targets were established/reported.
- MPOs (CCRPC) can either agree to accept the DOTs (VTrans) targets and support them through programming or establish their own targets specific to the metropolitan planning area.

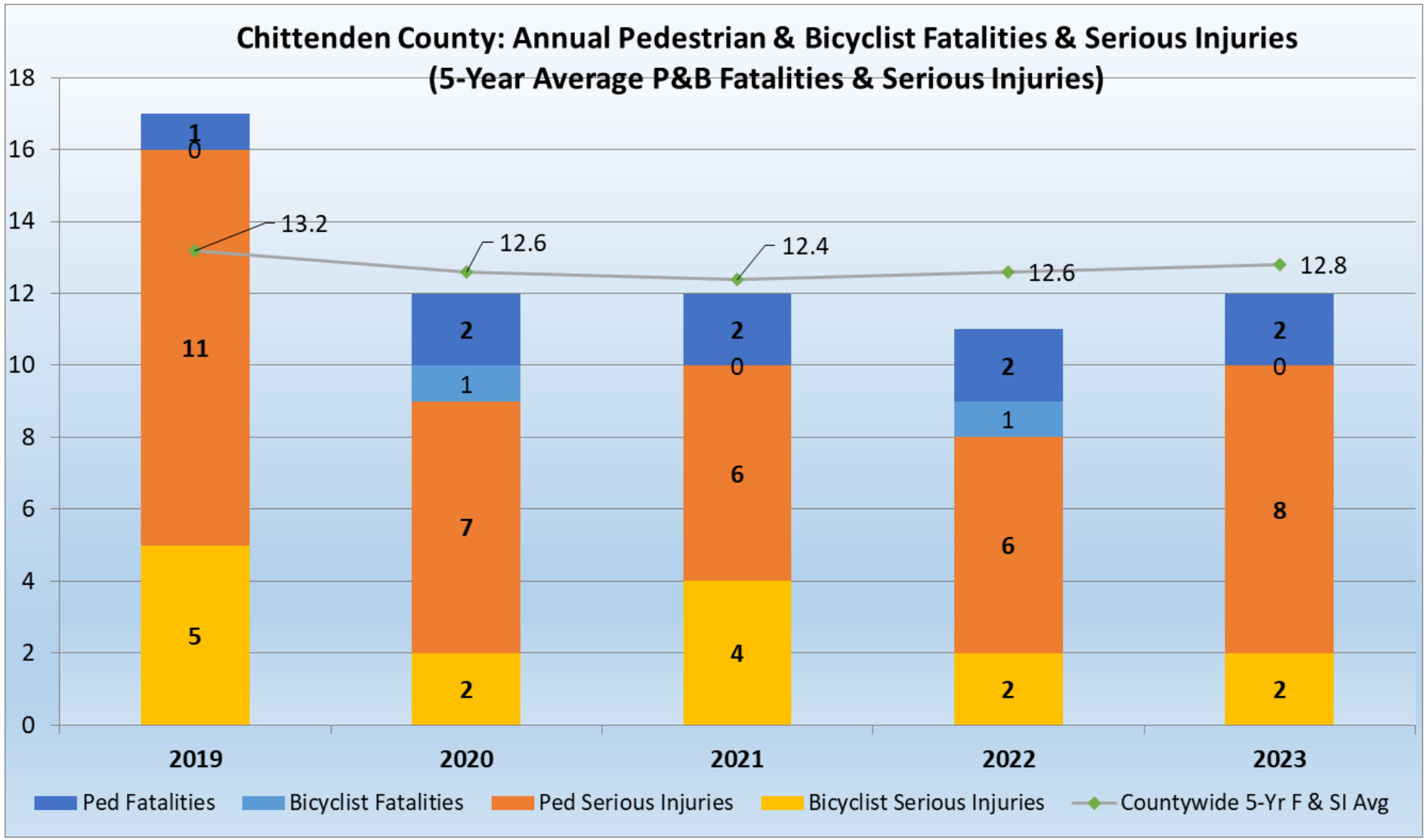
VTrans 2025 Safety Measures and Targets

VTrans Safety Performance Measures	2022 Targets (5 Year Average)	2023 Targets (5 Year Average)	2024 Targets (5 Year Average)	2025 Targets (5 Year Average)
Number of Fatalities	58	65	65	65
Fatality Rate (Fatalities per 100M VMT)	0.82	0.965	0.965	0.965
Number of Serious Injuries	260	258	258	258
Serious Injury Rate (Serious Injuries per 100M VMT)	3.70	3.746	3.746	3.746
Total Number of Non-motorized Fatalities and Serious Injuries	35	34	34	34


Statewide vs Chittenden County:
Annual Fatalities & 5-Year Average Fatalities
80
70
60
50
40
30
20
10
0
2025 Target: 65
60.6
61.6
64
65.4
65.6
47
62
74
76
69
5
14
8
9
8
7
8
8.2
8.4
8.8
2019
2020
2021
2022
2023
Statewide Fatalities
Countywide Fatalities
Statewide Fatalities 5 yr Avg.
Countywide Fatalities 5 yr Avg.


Statewide vs Chittenden County:
Annual Serious Injuries and 5-Year Avg Serious Injuries
350
300
250
200
150
100
50
0
278
265.8
257.8
264
273
2025 Target: 258
261
236
280
286
302
55.6
52.8
52.6
53.6
56.4
64
41
54
56
67
2019
2020
2021
2022
2023
Statewide Serious Injuries
Countywide Serious Injuries
Statewide Serious Injury 5 yr Avg.
Countywide Serious Injury 5 yr Avg.


Statewide: Annual Pedestrian & Bicyclist Fatalities & Serious Injuries
(5-Year Average P&B Fatalities & Serious Injuries)
45
40
35
30
25
20
15
10
5
0
39.6
36.6
36.4
36.4
36.4
3
0
26
7
8
1
19
2
8
0
28
6
6
1
21
9
5
1
24
7
2019
2020
2021
2022
2023
Ped Fatalities
Bicylist Fatalities
Ped Serious Injuries
Bicyclist Serious Injuries
Statewide 5-Yr F & SI Avg


Chittenden County: Annual Pedestrian & Bicyclist Fatalities & Serious Injuries
(5-Year Average P&B Fatalities & Serious Injuries)
18
16
14
12
10
8
6
4
2
0
1
0
11
5
13.2
2
1
7
2
12.6
2
0
6
4
12.4
2
1
6
2
12.6
2
0
8
2
12.8
2019
2020
2021
2022
2023
Ped Fatalities
Bicyclist Fatalities
Ped Serious Injuries
Bicyclist Serious Injuries
Countywide 5-Yr F & SI Avg

Proposed TAC Motion

The TAC recommends that the Board accepts the 2025 VTrans statewide safety targets for the metropolitan planning area