DRAFT OF 2024 CONGESTION MANAGEMENT PROCESS (CMP) TECHNICAL REPORT

For TPB Technical Committee Acceptance

Andrew Meese
TPB Program Director, Systems Performance Planning

TPB Technical Committee
November 1, 2024

National Capital Region
Transportation Planning Board

Recap

- The draft 2024 Congestion Management Process (CMP) Technical Report was presented at the October 4 Tech Committee meeting

  - The biennial report is a supporting document for the National Capital Region Transportation Plan (Visualize 2050)

- Comments were requested by October 18

  - One detailed comment was received

  - Staff also reviewed the topics raised by commenters at the October 4 meeting

- Staff made limited updates to the draft report based on comments received, as well as integrating some new information that has come in since October 4

National Capital Region
Transportation Planning Board

Updates from October 4, 2024

- Based on comments from FAMPO staff, information on FAMPO-TPB CMP was added (§5.6 and Executive Summary)

- Made the base year the same (2013) in the two sections covering major commute corridors (§2.1.2, §2.2.1.7, and Appendix C)

- An unfinished §2.1.3 inadvertently included in some versions of the report was removed

- No information available at this time regarding project-specific questions raised at the October 4 meeting

- New: Additional information just received for the national comparison of congestion

  - Incorporated recently released 2023 Urban Mobility Report data from Texas A&M Transportation Institute (TTI) into §2.5 and the Executive Summary

National Capital Region
Transportation Planning Board

TTI Information Now Added to National Comparison

INRIX Traffic Scorecard (2022 Data)			Texas Transportation Institute (TTI) Urban Mobility Report (2022 Data)			TomTom Traffic Index (2023 Data)		
Hours Lost in Congestion			Annual Person-Hours of Delay per Commuter			Average Travel Time per 6 Miles (Metro Area)		
Metro Area	Hours	Rank	Urban Area	Hours	Rank	Metro Area	Minutes	Rank
Chicago	155	1	Los Angeles	122	1	New York	21	1
Boston	134	2	San Francisco	109	2	Honolulu	21	2
New York	117	3	New York	92	3	McAllen	20	3
Philadelphia	114	4	Washington	85	4	San Francisco	20	4
Miami	105	5	Atlanta	82	5	Los Angeles	20	5
San Francisco	97	6	Seattle	82	5	Philadelphia	19	6
Los Angeles	95	7	Miami	79	7	Seattle	19	7
Washington	83	8	Boston	73	8	Miami	19	8
Houston	74	9	Chicago	72	9	Chicago	19	9
Atlanta	74	10	Houston	69	10	Washington	18	14

National Capital Region
Transportation Planning Board

National Comparison over Time

Report Year*	INRIX	TTI	TomTom
2016	2[1]	1[2]	8[3]
2018	6[1]	1[2]	9[3]
2020	5[4]	3[5]	7[3]
2022	13[4]	5[6]	8[3]
2024	8[4]	4[6]	14[7]

1. Average Hours Wasted in Traffic (hours)
2. Annual Hours of Delay per Auto Commuter (hours)
3. Extra Travel Time compared to Free Flow Conditions (%)
4. Hours Lost in Congestion (hours)
5. Yearly Delay per Auto Commuter (hours)
6. Annual Person-Hours of Delay per Auto Commuter (hours)
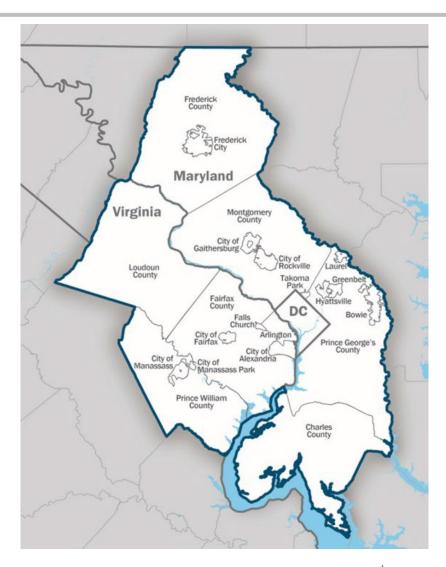7. Average travel time per 6 miles (Metro Area) (minutes)

*Years that reports were published. Actual data years that were analyzed varied.

National Capital Region
Transportation Planning Board

Additional Information

- Probe data tools used by staff to develop the report are available to member agencies for their own jurisdictional analyses

  - Local jurisdictions are welcome to present their work at Technical Committee meetings

  - The TPB's Vehicle Probe Data Users Group meets quarterly to discuss tools and methods

- Many other reports that TPB has produced over the years, such as climate scenario analyses, are also available to members for insights

- Comments received for this report but not able to be addressed currently may be considered for future versions of the report

National Capital Region
Transportation Planning Board

Recommendation

- Staff recommends TPB Technical Committee acceptance as final of the 2024 CMP Technical Report at today's meeting

- Highlights to be presented to TPB at a future meeting (when agenda time permits)

National Capital Region
Transportation Planning Board

Andrew Meese

TPB Program Director, Systems Performance Planning
(202) 962-3789
ameese@mwcog.org

Metropolitan Washington Council of Governments

777 North Capitol Street NE, Suite 300

Washington, DC 20002

mwcog.org/tpb

National Capital Region
Transportation Planning Board