**Roadway Reliability Source and Process for Downloads**

Data comes from the <https://pda.ritis.org/suite> Use Performance Charts

Unfortunately the segments of roadway in this tool are updated frequently and though one can save a selection to be collected again with data from a new year at a later date, these query has been found to flag errors where previously selected segments are not found. Perhaps an ID has changed, or a segment has been divided into smaller pieces. It’s also possible that some segments were added. So at each point of collecting a new data year may need to also be an effort to re-query all geographies and groupings of facility types for tracking progress. Saving is still useful for each year’s efforts because it’s a time comsuming process to collect this and it may take a few days if interrupted frequently.

For the latest download, I’m saving everything with TP18\_ as a prefix to say it was used to collect the 2018 data year and all available years with that query. The facility type groupings are as follows:

Freeways [Collect 2011 and onward]

* Interstates
* Turnpikes
* expressways

Local = [Collect 2013 and onward]

* US routes
* state routes
* parkways
* others
* frontages

Coverage of local facilities was found to be sparser in years preceding 2013 and therefore are not collected. We felt 2011 was a good starting point for freeways. Use the INRIX network (better coverage).

Some Counties (Burlington & Mercer) have segments in a freeway selection that look more like interchange ramps (stretches connecting sets of ramps) that should be manually removed before saving. Also best to form individual county Freeway and Local segment sets before loading them as a group and saving as subregional and regional segment sets. It is easier and ensures consistency. Check box to let other users at agency see your selection set in case they’ll be used again by others. Okay to erase previous years.

Weekday Planning Time Index (PTI) is used and trend is an average of hourly values in a given year across all relevant directions (NB, SB, EB, WB) in travel model time periods

* Morning (AM) 6:00-9:59
* Midday (MD) 10:00-14:59
* Evening (PM) 15:00-18:59
* Nighttime (NT) 19:00-5:59
* Daily (24) 0:00-23:59

Export procedure is to

1. Select roads from saved tab.
   1. Select one selection set at a time
   2. there will be 12
2. Select one or more time periods to analyze.
   1. Use year tab
   2. Deselect Sunday and Saturday
   3. Add year, then the next, then next until you have 2011 onward for freeway or 2013 onward for local
   4. Only 7 years can be selected at a time
3. Select data sources
   1. Choose INRIX (best coverage for most years)
4. Select granularity
   1. Choose 1 hour

Submit the query and a new tab opens.

When new tab fully loads query, select as the Metric Planning time index (not time/minutes), turn off the percentiles (show 5th/95h, 25/75th) and floppy disk icon to save as Excel file. Safe file in a directory as .xlsx.

1. ~~Freeway\_DVRPC\_12-18~~
2. ~~Freeway\_DVRPC\_11~~
3. ~~Freeway\_NJCos\_11~~
4. ~~Freeway\_NJCos\_12-18~~
5. ~~Freeway\_PACos\_12-18~~
6. ~~Freeway\_PACos\_11~~
7. ~~Freeway\_PASubCos\_11~~
8. ~~Freeway\_PASubCos\_12-18~~
9. ~~Freeway\_BurlCo\_12-18~~
10. ~~Freeway\_BurlCo\_11~~
11. ~~Freeway\_CamdCo\_11~~
12. ~~Freeway\_CamdCo\_12-18~~
13. ~~Freeway\_GlouCo\_12-18~~
14. ~~Freeway\_GlouCo\_11~~
15. ~~Freeway\_MercCo\_11~~
16. ~~Freeway\_MercCo\_12-18~~
17. ~~Freeway\_BuckCo\_12-18~~
18. ~~Freeway\_BuckCo\_11~~
19. ~~Freeway\_ChesCo\_11~~
20. ~~Freeway\_ChesCo\_12-18~~
21. ~~Freeway\_DelaCo\_12-18~~
22. ~~Freeway\_DelaCo\_11~~
23. ~~Freeway\_MontCo\_11~~
24. ~~Freeway\_MontCo\_12-18~~
25. ~~Freeway\_PhilCo\_12-18~~
26. ~~Freeway\_PhilCo\_11~~
27. ~~Local\_DVRPC\_13-18~~
28. ~~Local\_NJCos\_13-18~~
29. ~~Local\_PACos\_13-18~~
30. ~~Local\_PASubCos\_13-18~~
31. ~~Local\_BurlCo\_13-18~~
32. ~~Local\_CamdCo\_13-18~~
33. ~~Local\_GlouCo\_13-18~~
34. ~~Local\_MercCo\_13-18~~
35. ~~Local\_BuckCo\_13-18~~
36. ~~Local\_ChesCo\_13-18~~
37. ~~Local\_DelaCo\_13-18~~
38. ~~Local\_MontCo\_13-18~~
39. ~~Local\_PhilCo\_13-18~~

More consideration of local 2013 data vs. 2014-2018 made me drop reporting 2013 local data at all. Every county went from lowest value in 2013 to peak in 2014. This is likely from not having as much data points in the field on local facilities.