

FasTracks Index

Important facts everyone should know about RTD's proposed 67-percent tax increase.

Cost of FasTracks

1. FasTracks construction cost:	\$4.7 billion
2. FasTracks finance charges (depending on interest rates):	\$3.3–\$6.3 billion
3. Costs of RTD's post-2025 "FasTracks Future Vision":	\$871 million
4. Operating costs of FasTracks, 2013–2025:	\$1,500 million
5. Operating cost of FasTracks per year after 2025	\$140 million
6. Total cost of FasTracks through 2035:	\$11.77 billion
7. Average cost of sales tax increase per person, 2005–2025:	\$2,100
8. Average cost of sales tax increase per family, 2005–2025:	\$6,500
9. Total cost of FasTracks per person through 2035:	\$3,600
10. Total cost of FasTracks per family through 2035:	\$11,000

FasTracks and Transit Ridership

11. Number of times per year average resident rode transit in 2001:	23
Number of times per year average resident will ride transit in 2025	
12. if FasTracks is not built:	24
13. if FasTracks is built:	30
14. Net additional rides per person per year if FasTracks is built:	6
15. Sales tax average resident will pay in 2025 if FasTracks approved:	\$159
16. Average sales tax for each additional ride in 2025 if FasTracks is built:	\$26
17. Daily transit rides in 2025 if FasTracks is not built:	285,000
18. Daily transit rides in 2025 if FasTracks is built:	357,000

FasTracks and Congestion

19. Growth in auto traffic by 2025 if FasTracks is not built:	163.3%
20. Growth in auto traffic by 2025 if FasTracks is built:	162.5%
21. Share of auto traffic that will be taken off the road by FasTracks:	0.5%
22. Share of rush-hour traffic that will be taken off the road by FasTracks:	1.4%

FasTracks and Air Pollution

23. Reduction in carbon monoxide due to FasTracks	-0.47%
24. Reduction in particulates due to FasTracks	-0.72%
25. Reduction in volatile organic compounds due to FasTracks	-0.64%
26. Increase in nitrogen oxides due to FasTracks	2.66%

Rail vs. Bus-Rapid Transit

27. Average speed of FasTracks light-rail trains:	24 mph
28. Average speed of FasTracks commuter-rail trains:	41 mph
29. Average speed of FasTracks bus-rapid transit:	51 mph
30. Peak-hour light-rail frequencies in trips per hour:	8 to 15
31. Peak-hour commuter-rail frequencies in trips per hour:	4
32. Peak-hour bus-rapid transit frequencies in trips per hour:	30
33. Non-peak light-rail frequencies in trips per hour:	4 to 10
34. Non-peak commuter-rail frequencies in trips per hour:	2
35. Non-peak bus-rapid transit frequencies in trips per hour:	15
36. Light-rail cost per rider:	\$6.54–\$7.66
37. Commuter-rail cost per rider:	\$8.25–\$9.66
38. Bus-rapid transit cost per rider:	\$4.71

Data Sources for FasTracks Index

Most of these data come from RTD's *FasTracks Plan*, which includes three volumes of appendices, *FasTracks Financial Plan*, and from DRCOG's *Review of the RTD FasTracks Plan* and *Metro Vision 2025 Regional Transportation Plan*. Specific page, table, or appendix numbers are listed below.

The *FasTracks Plan* (though not chapter 2 or the appendices) can be downloaded from rtd-denver.com/fastracks/FasTracks_Plan.pdf. The *Financial Plan* can be downloaded from rtd-denver.com/fastracks/Financial_Plan.pdf. DRCOG's *Review of FasTracks* can be downloaded from www.drcog.org/downloads/Agenda_Support_PDFs/SB208_Report_Final_4-21-04.pdf. *Metro Vision 2025* can be downloaded from http://www.drcog.org/downloads/2025_Interim_Regional_Transportation_Plan_4-17-02.pdf.

1. *FasTracks Financial Plan*, p. 1.
2. *Review of FasTracks*, table 14, p. 32; *FasTracks Financial Plan*, p. 15.
3. *FasTracks Plan*, appendix C.
4. *Review of FasTracks*, table 15, p. 32.
5. Ibid, based on average operating cost as of 2025.
6. Total cost is sum of numbers 1 through 4 plus ten times number 5.
7. Sales tax revenues in *FasTracks Financial Plan*, pp. 4–5, divided by population from *Review of FasTracks*, p. 37.
8. Average family size of 3.1 is from 2000 census.
9. Total cost divided by projected 2020 population (which is the average of 2005 through 2035 populations) of 3.27 million.
10. See number 8.
11. 2001 transit trips from *Metro Vision 2025*, table 6, p. 97; population from table 2, p. 17.
12. *Review of FasTracks*, p. 23; daily transit trips are multiplied by 301 to get annual transit trips and divided by projected 2025 population.
13. Same as number 12.
14. Number 13 minus number 12.
15. See number 7.
16. Number 15 divided by number 14.
17. *Review of FasTracks*, p. 23.
18. Same as number 17.
19. 2001 vehicle-miles traveled from *Metro Vision 2025*, table 6, p. 97; 2025 from *Review of FasTracks*, p. 23.
20. Same as number 19.
21. Number 19 minus number 20 divided by number 19.
22. *Review of FasTracks*, p. 24.
23. *Review of FasTracks*, table 9, p. 26. According to Jeff May of DRCOG, total 2025 carbon monoxide pollution without FasTracks will be 1140.89 tons.
24. Same as 23; 2025 particulate pollution will be 50.2 tons.
25. Same as 23; 2025 volatile organic compound pollution will be 37.4 tons.
26. Same as 23; 2025 nitrogen oxide pollution will be 32.0 tons.
27. *FasTracks Plan*, chapter 2, p. 2-6.
28. Same as number 27.
29. Same as number 27.
30. *FasTracks Plan*, figures 1-2, 1-4, 1-5, 1-7, 1-8, and 1-10.
31. *FasTracks Plan*, figures 1-3, 1-6, and 1-9.
32. *FasTracks Plan*, figure 1-9.
33. Same as number 30.
34. Same as number 31.
35. Same as number 32.
36. *Fastracks Plan*, appendix E.
37. Same as number 36.
38. Same as number 36.