ASSESSING THE FINANCIAL AND OPERATIONAL SUSTAINABILITY OF PUBLIC TRANSIT IN THE U.S.

Are we getting the most transit bang from our subsidy buck?



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Lake Arrowhead 2010



Public transit

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 - Private vehicles = 86.4%
 - Public transit = 3.2%

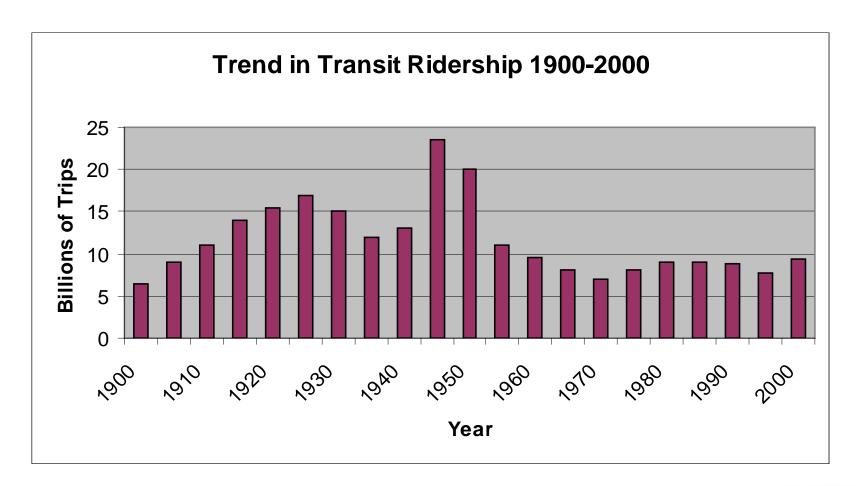
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- But transit continues to play a central role in big cities and in households with limited auto access



Transit patronage has been relatively flat for 4 decades, but has been edging up since the mid-1990s



Premise: We ask a lot of public transit



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- Act as a anchor/magnate for transit-oriented development
- Signal our jurisdiction as attractive, progressive



Given this ambitious agenda, how are we doing?





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 - Costs rising faster than inflation
 - Inflation-adjusted costs increasing faster than service
 - Service increasing faster than ridership



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 - Costs rising faster than inflation
 - Inflation-adjusted costs increasing faster than service
 - Service increasing faster than ridership
- These trends are neither economically nor politically sustainable



Snapshot of national transit performance

- Data from:
 - American Public Transit Association
 - U.S. Census
 - National Personal/Household Transportation Surveys (NP/HTS)
- Years chosen to match NP/HTS data
 - **–** 1977, 1983, 1990, 1995, 2001, 2008
 - Many data not available for earlier years



Caveat

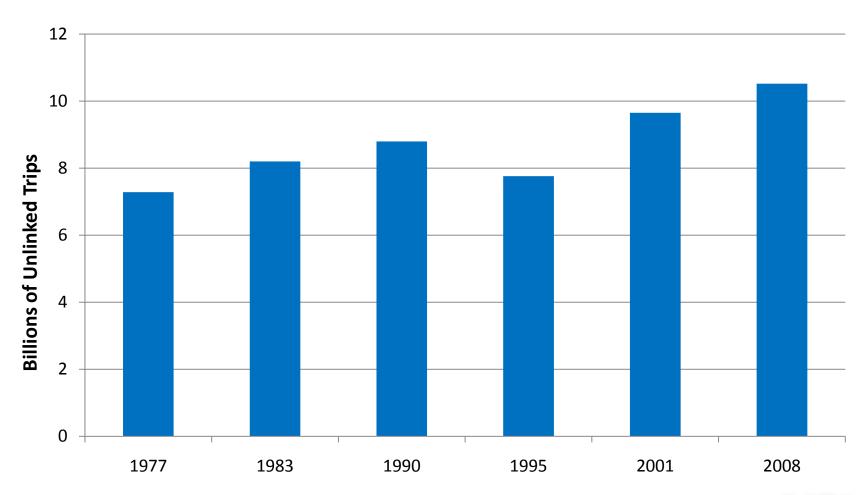
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 - Down 3.4% from the 2nd quarter of 2007 to the 2nd quarter of 2009
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- My focus here is on the longer-term trends in ridership, service, expenditures, and subsidies

Overall, transit use is climbing

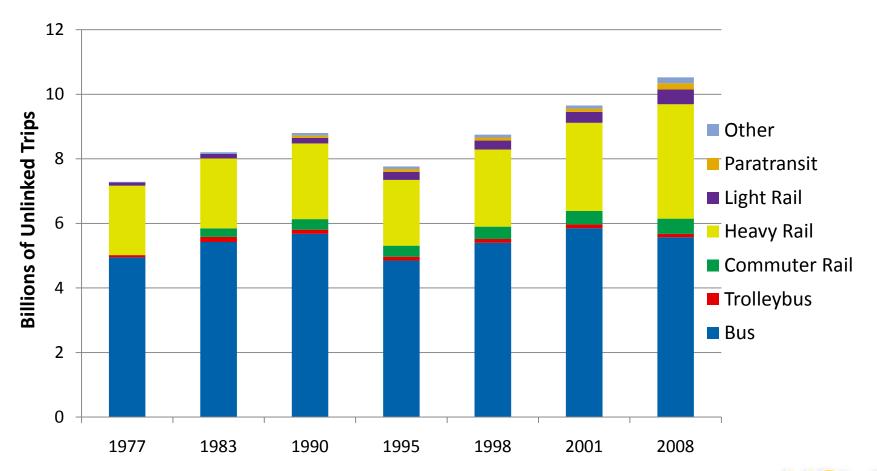
(up 36% since 1995 and 9% since 2001)



Source: American Public Transit Association



While light and commuter rail have garnered lots of attention, the vast majority of transit trips are on buses and heavy rail

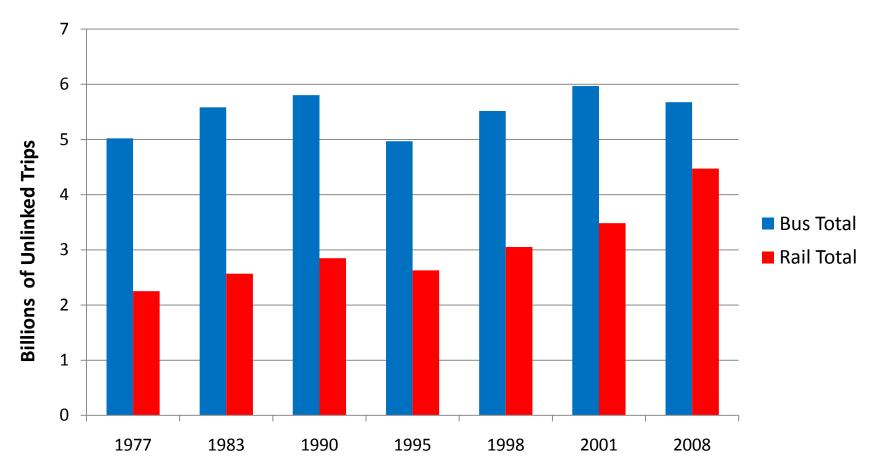


Source: American Public Transit Association



Rail ridership has been growing, while bus use has generally held steady

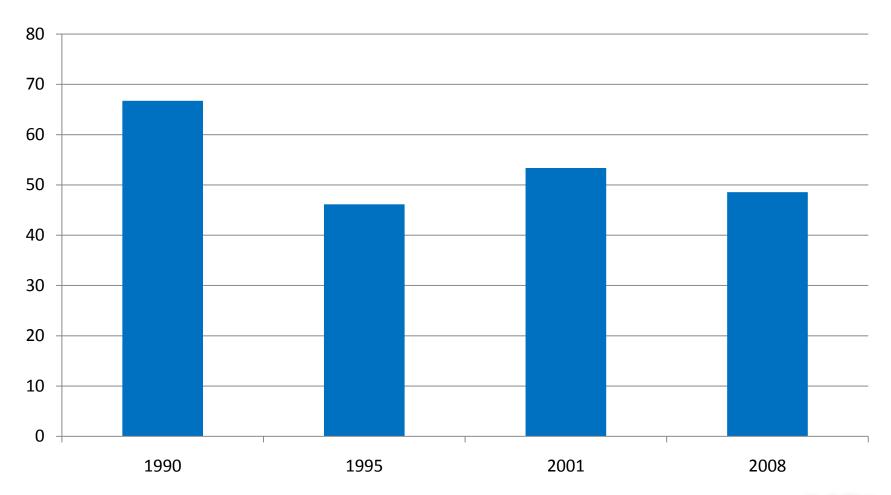
(but, bus patronage is down 5% since 2001, while rail is up 28%)



Source: American Public Transit Association



Metropolitan areas are growing (up 85 million since 1990), but transit *trips per urban resident* are down 27%





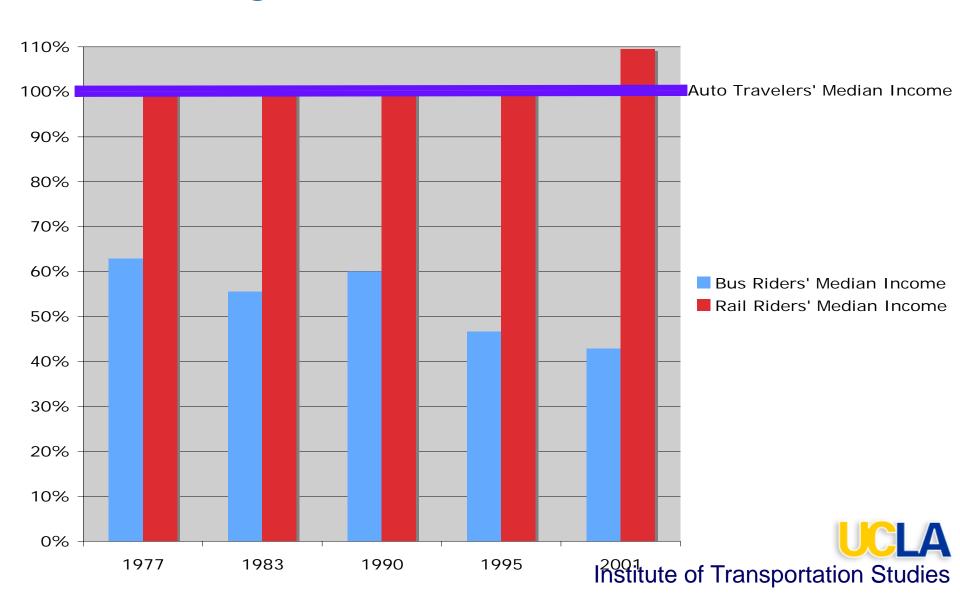
800 Pound Gorilla

- Metropolitan New York
 - 6% of U.S. Population
 - 38% of Transit Ridership

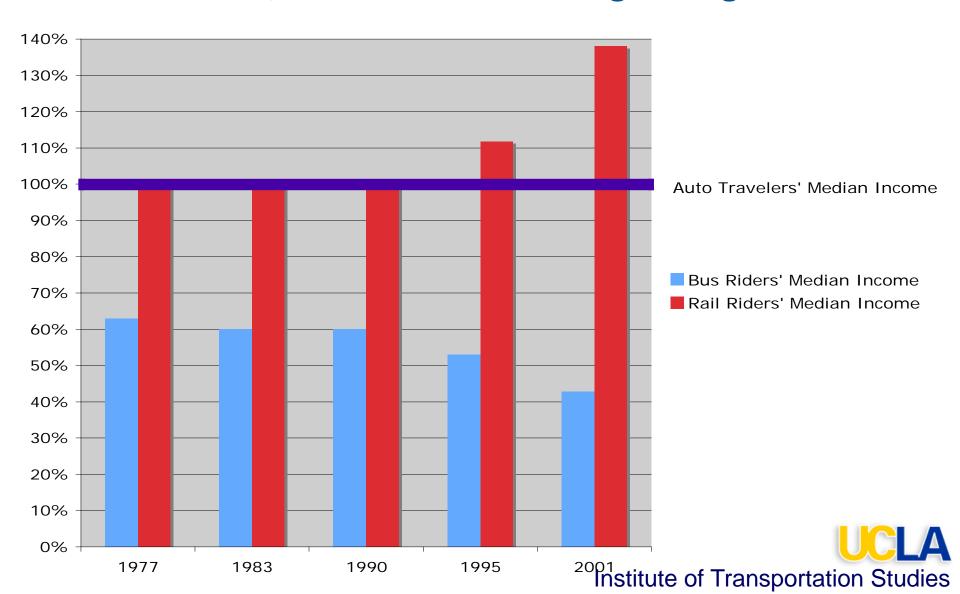




Over time, bus riders' median household incomes are shrinking relative to rail riders and auto users



Excluding New York, bus riders are growing poorer relative to auto users, while rail riders are growing wealthier

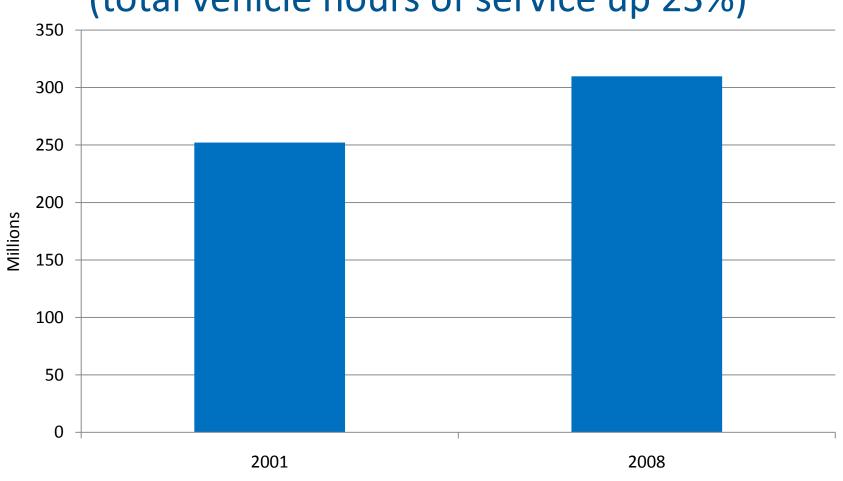


Transit service trends





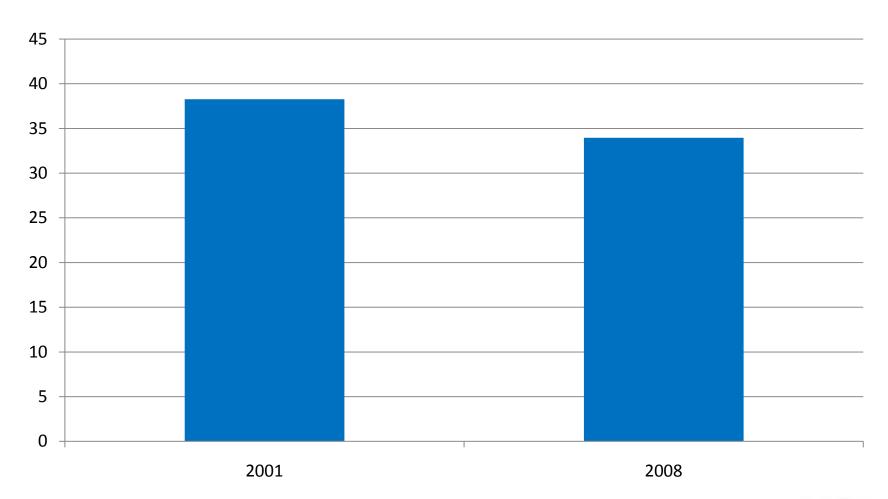
While ridership is up 9% since 2001, transit service is growing much faster (total vehicle hours of service up 23%)







While service is up, productivity is down (passengers per vehicle hour is down 11% since 2001)

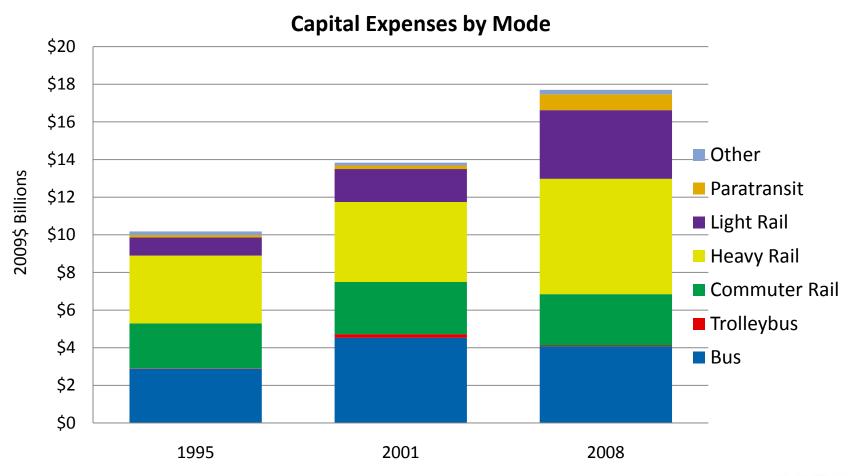




Transit Expenditure Trends

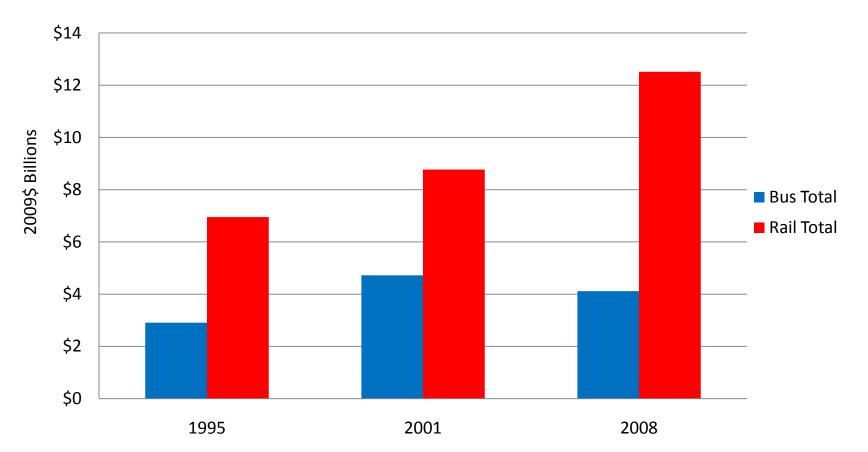


Total annual inflation-adjusted capital expenditures are up 74% since 1995



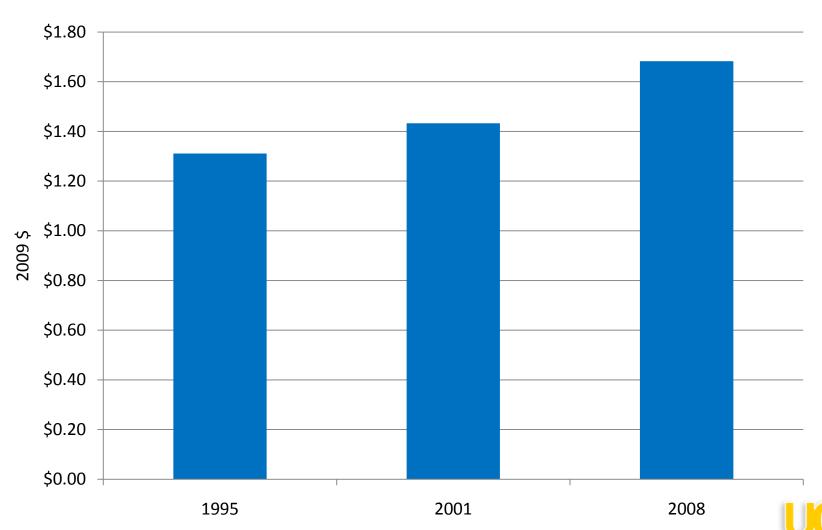


Inflation-adjusted rail capital expenditures are up 80% since 1995 and are about 3 times greater than bus capital expenditures



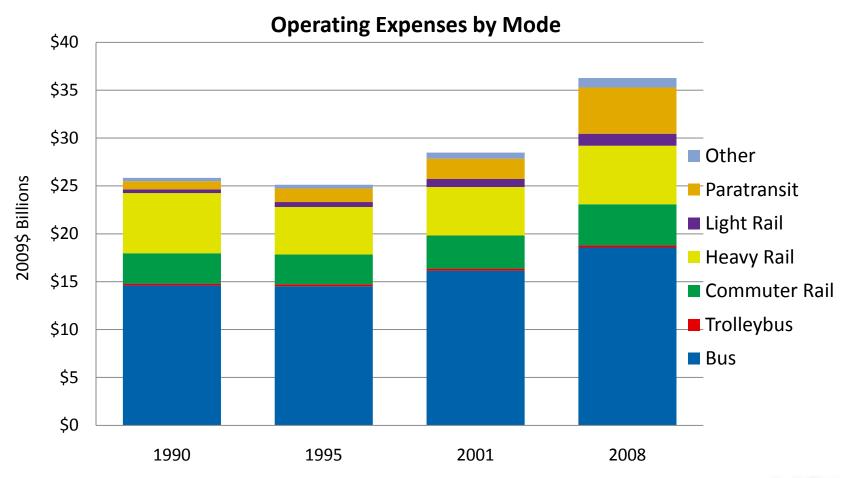


Total Inflation-adjusted <u>capital expenditures</u> per passenger are up 28% since 1995



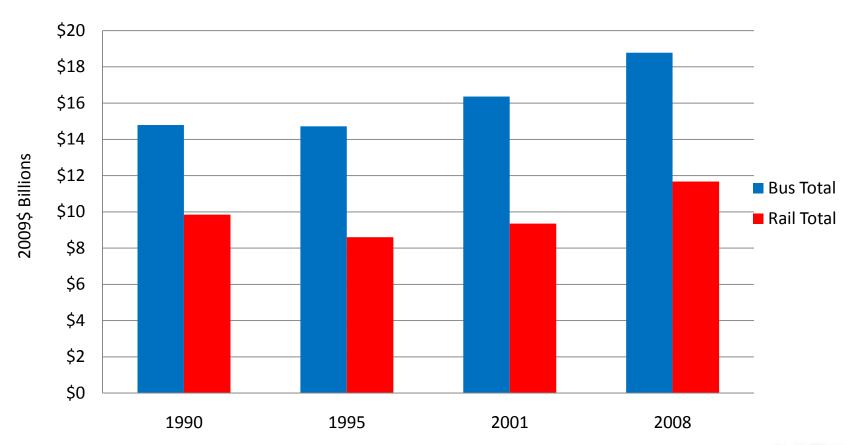
Source: Author's Calculations from American Public Transit Association data Institute of Transportation Studies

Total annual inflation-adjusted *operating expenditures* are up 40% since 1990



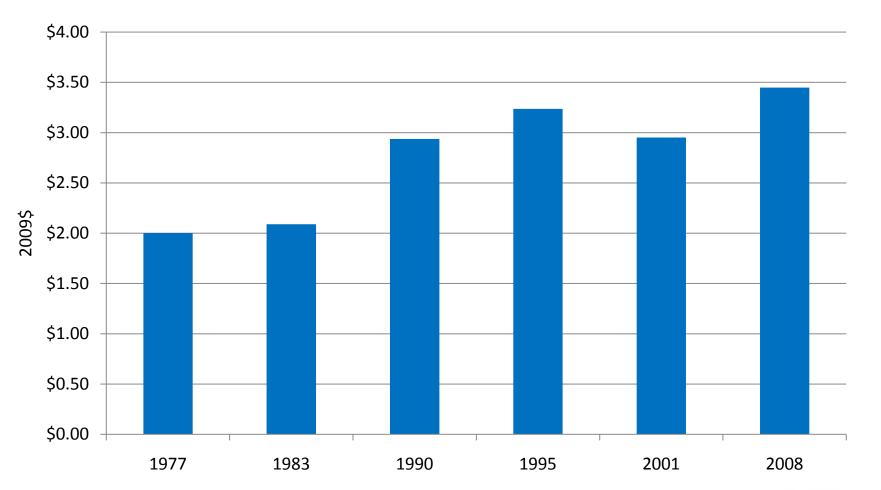


Inflation-adjusted bus operating expenditures are up 28% since 1995, rail is up 36%



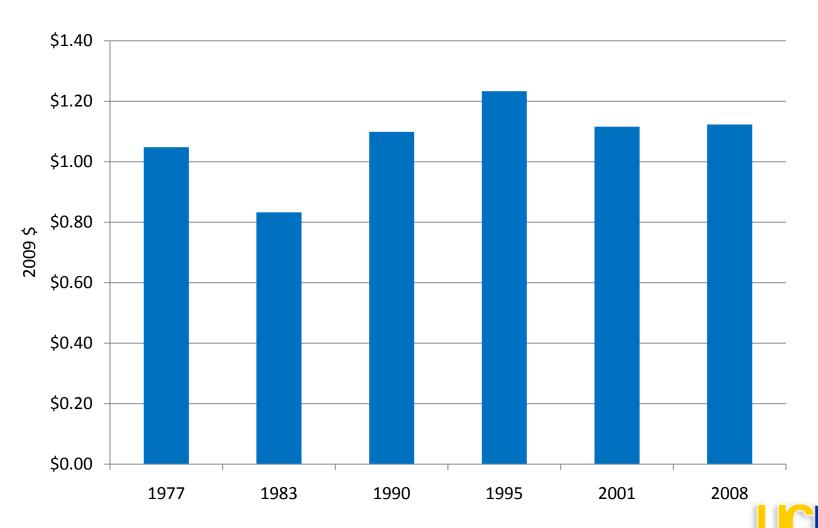


Inflation-adjusted <u>operating expenditures</u> per passenger are up 72% since 1977





Total inflation-adjusted *fares* paid per passenger trip are up just 7% since 1977



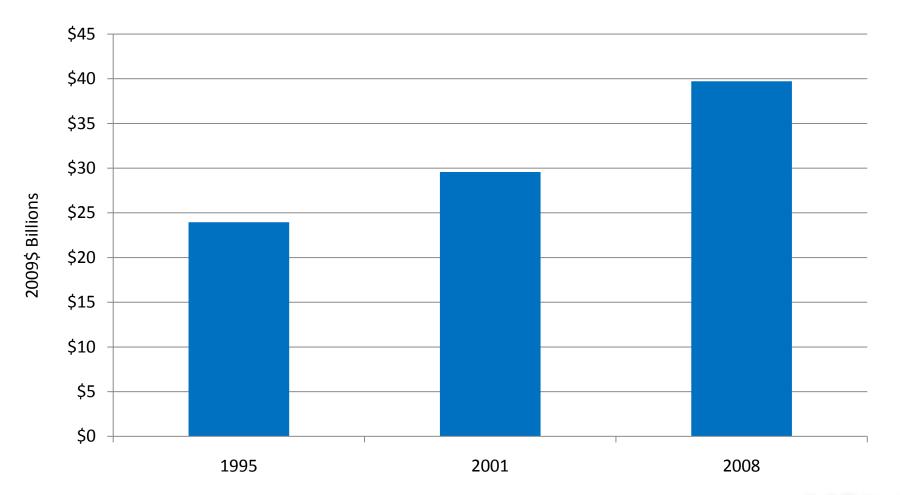
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Institute of Transportation Studies

Transit subsidy trends

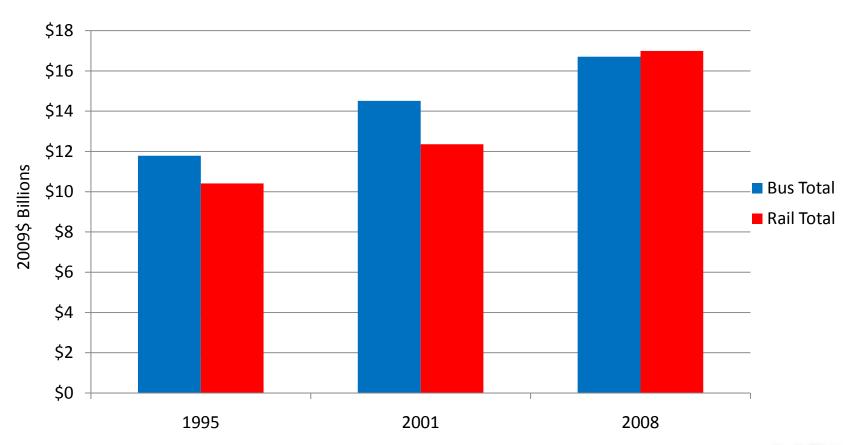


Public subsidy of transit is increasing rapidly (inflation-adjusted subsidies are up 66% since 1995)



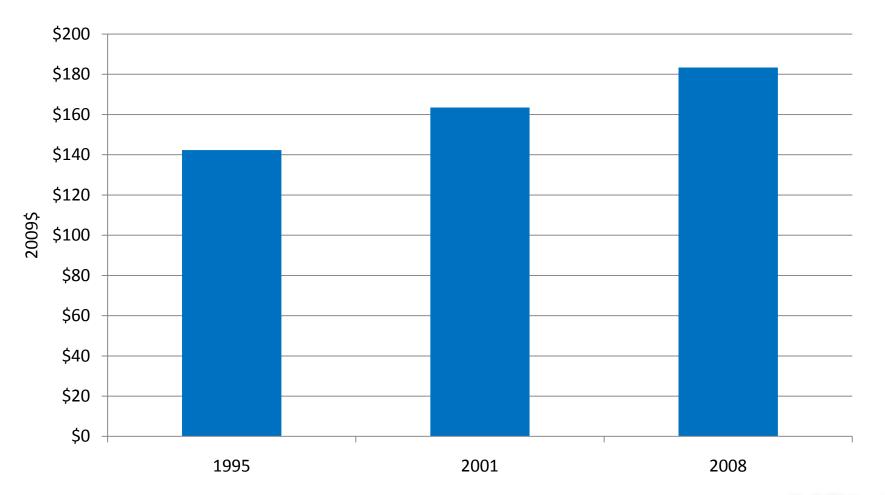


Total (capital + operating) subsidies today are about equally divided between bus and rail



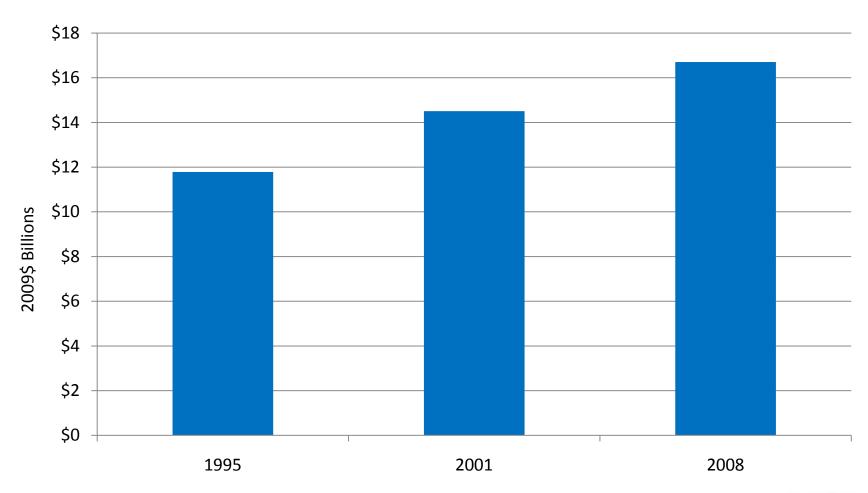


Total inflation-adjusted transit subsidies are up 29% since 1995 to \$183.34 per urban resident



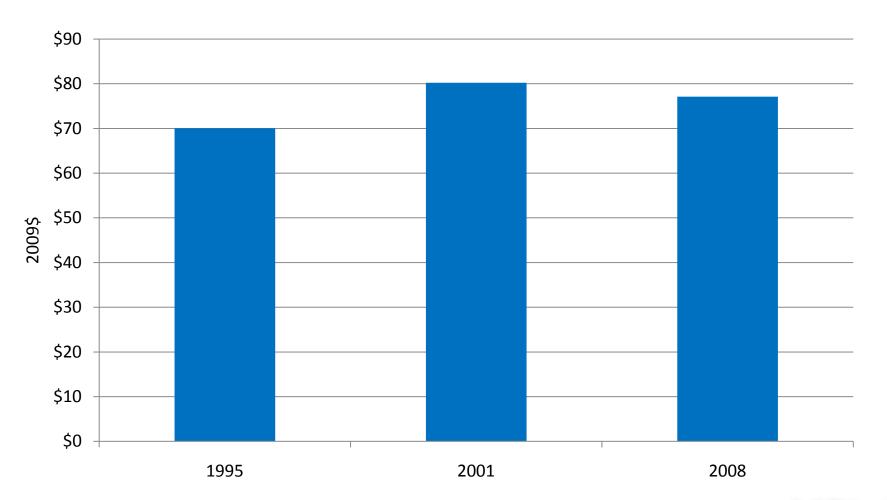


Inflation-adjusted *bus* subsidies in the U.S. are up 42% since 1995



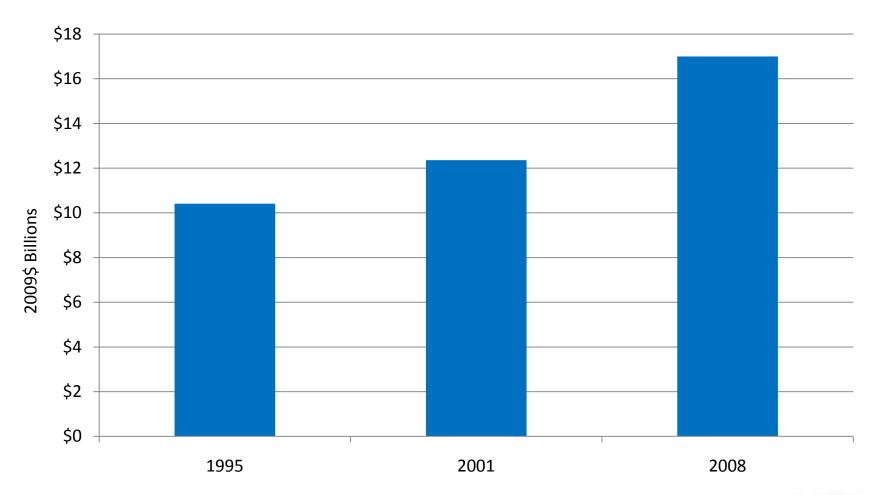


Inflation-adjusted bus subsidies *per urban resident* are up 10% since 1995, but <u>down</u> 4% since 2001



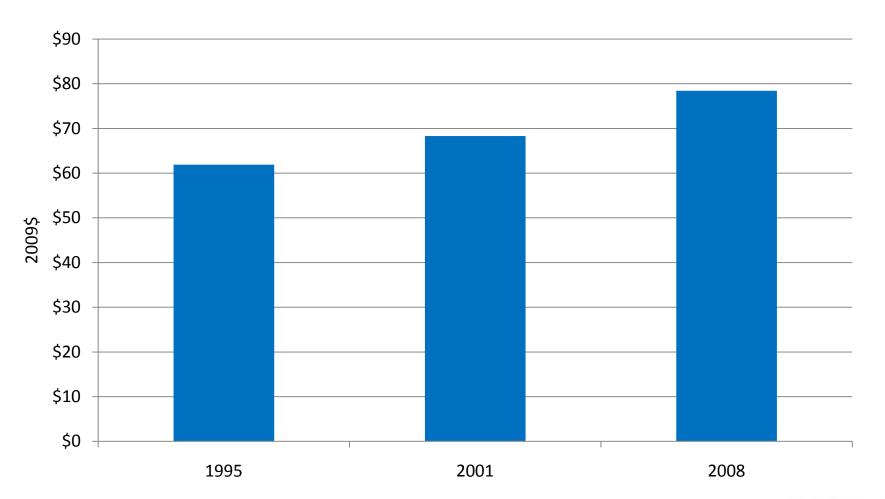


Inflation-adjusted *rail* transit subsidies in the U.S. are up 63% since 1995



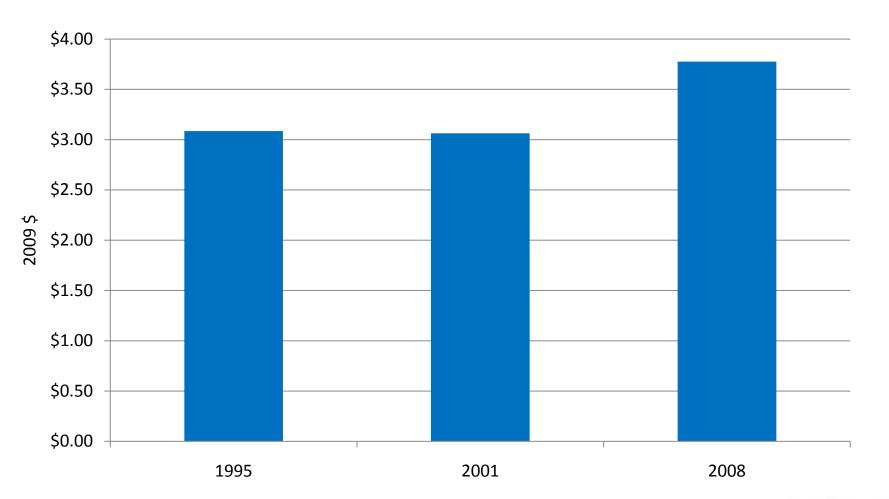


Inflation-adjusted rail subsidies *per urban resident* are up 27% since 1995





Total inflation-adjusted subsidies *per passenger trip* are up 22% since 1995 to \$3.77







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 - Performance declining, subsidies skyrocketing



• Promising scenario

 Ridership will catch up with investments over time as the economy recovers, fuel prices increase, and cities densify

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Bleak scenario

- Increasing focus on fiscal austerity will cause a political backlash against rapidly escalating subsidies
- Transit operators will find it increasingly difficult to attract riders in the face of repeated service cutbacks



Leaner and meaner scenario

 Austere times will force transit operators to focus less on new capital and more on increasing the productivity of their existing labor and equipment

Leaner and meaner

- More part-time labor, slower growth in wages and benefits
- Shift service away from poor performing, albeit politically popular, times and routes
- Variable fares (by time and distance) to reflect variable costs
- Increased schedule reliability, real-time rider information
- Implementation of complementary land use and parking policies



The road ahead is uncertain





- The road ahead is uncertain
 - But what is certain is that the current trends are unsustainable





Thank you

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