

Motivation for Session

MIT Lincoln Laboratory

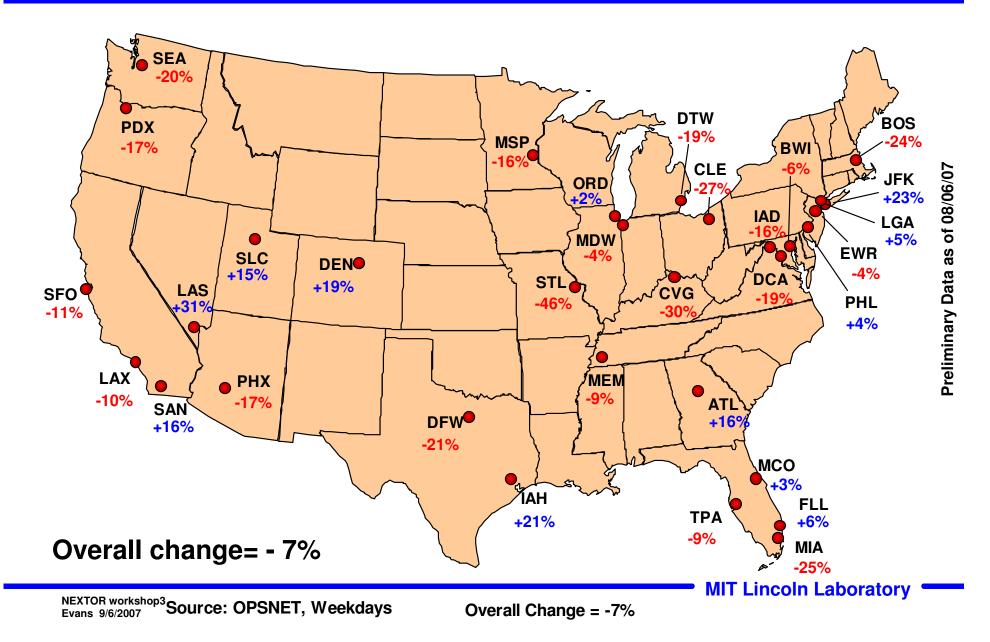
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- Traffic for 2005, 2006 and 2007 is less than traffic in 2000
- "Capacity" has increased significantly since 2007
- So why are delays for 2005 through 2007 as bad or worse than 2000?

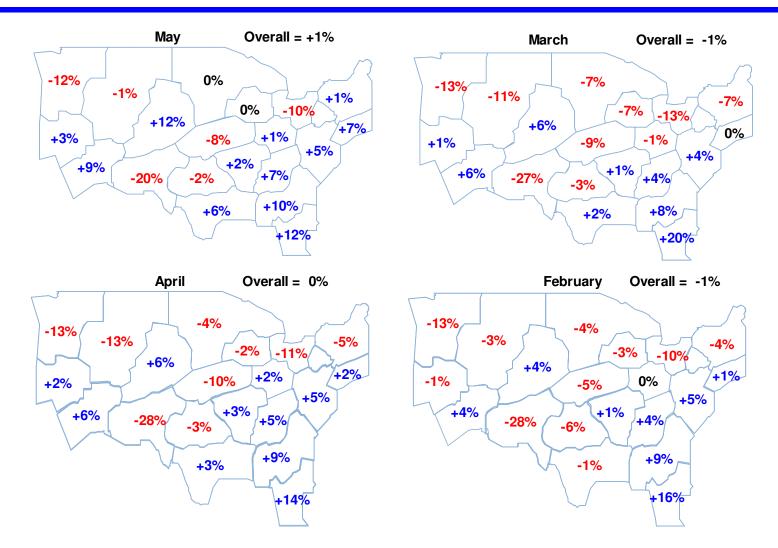


Change in Operations by Major Airport July 2007 vs. July 2000





ARTCC operations in 2007 relative to 2000

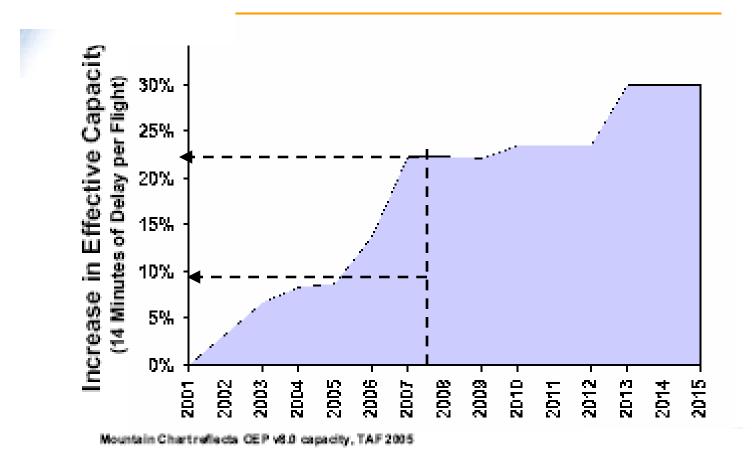


OPSNET; Weekdays; Difference based on average weekday ops; Overall percent change includes ZAN difference in operations



OEP Estimate of Capacity Enhancement

The Mountain Chart Increase in Effective Capacity by 2013

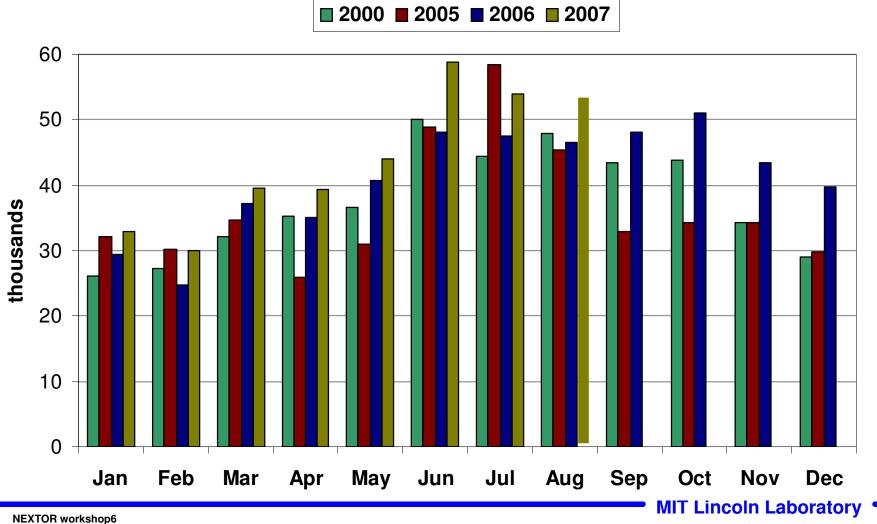


OEP presentations suggest a 13-23% capacity enhancement has occurred since 2001 MIT Lincoln Laboratory

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OPSNET Delays



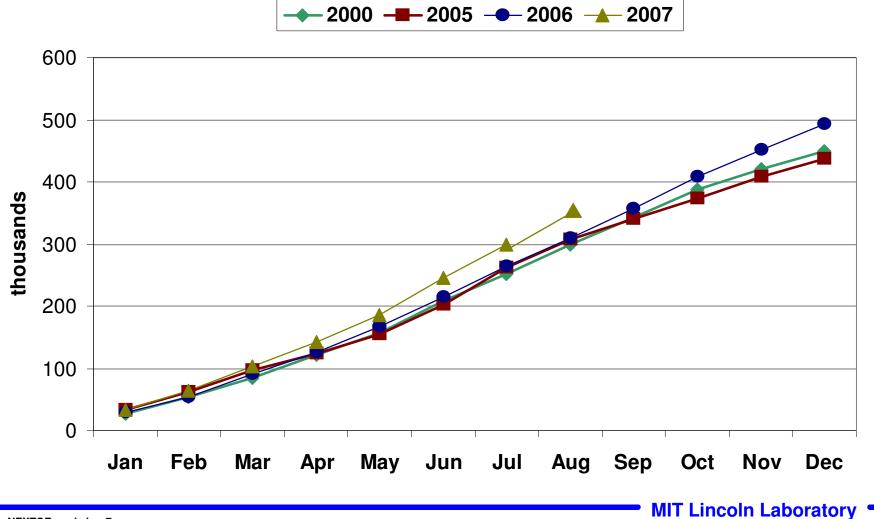
Preliminary Data as of 9/03/07

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All Facilities



Cumulative OPSNET Delays



Preliminary Data as of 09/03/07

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- What is likely to be the principal cause(s) of the persistence (and perhaps, growth) in NAS delays given the investments the FAA has made since 2000?
- How one might decide between alternative theories as to the cause?
- What the implications of the principal causes of the delays are for:
 - The metrics that the FAA uses to assess how well it is doing
 - How the FAA should allocate its resources to reducing the delays