

How to Reduce GHG on Base

Studying the personal transportation patterns of U.S. service members can help the Department of Defense reach climate change goals.

Empirical Evidence

- Percentage of U.S. Military who...
 - drive alone to work: 82.5%
 - take transit to work: 1.5%
 - walk/bike to work: 2.9%
- Percentage of U.S. workers who...
 - drive to work: 76.1%
 - take transit to work: 5.0%
 - carpool to work: 3.0%

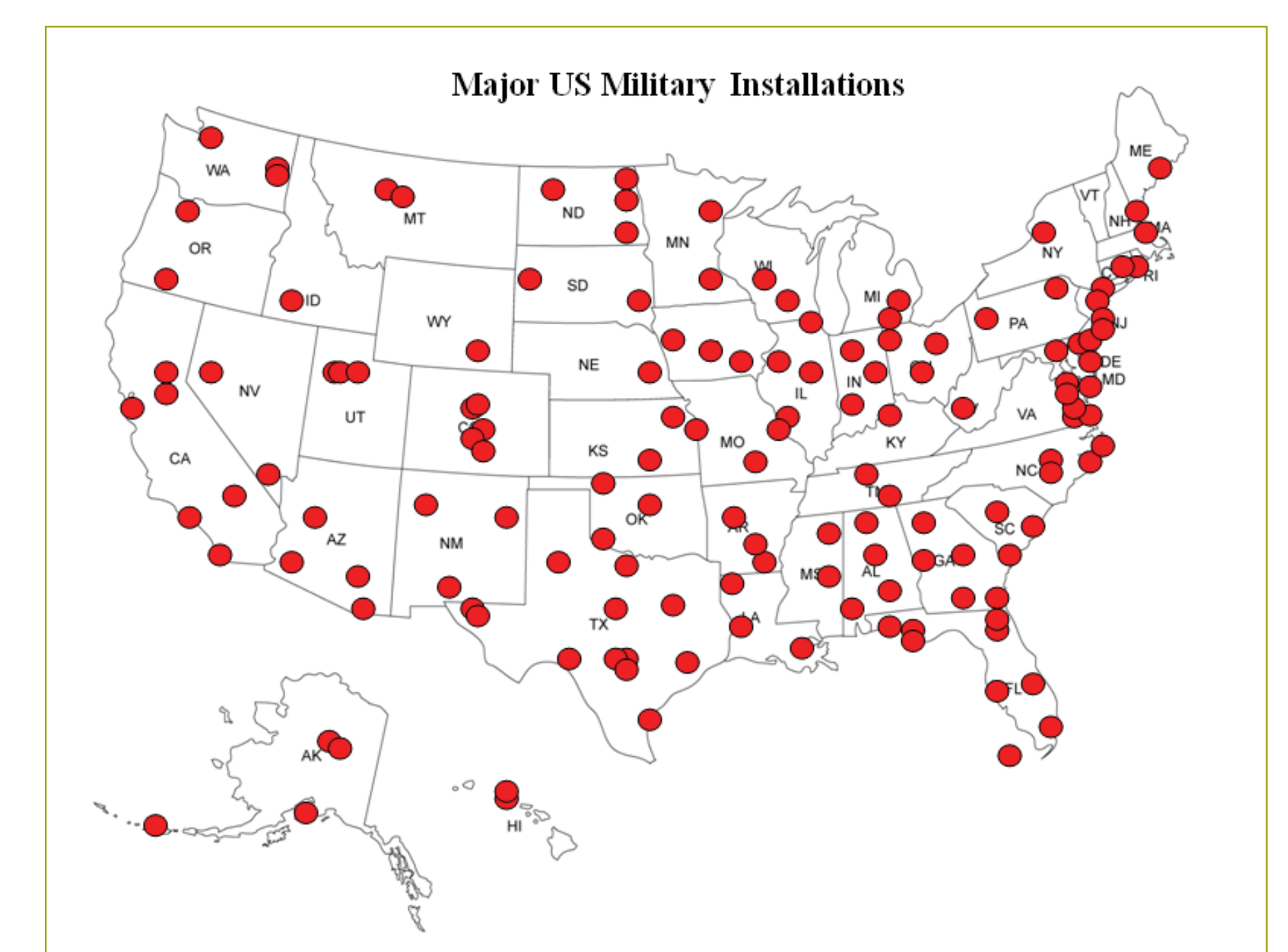
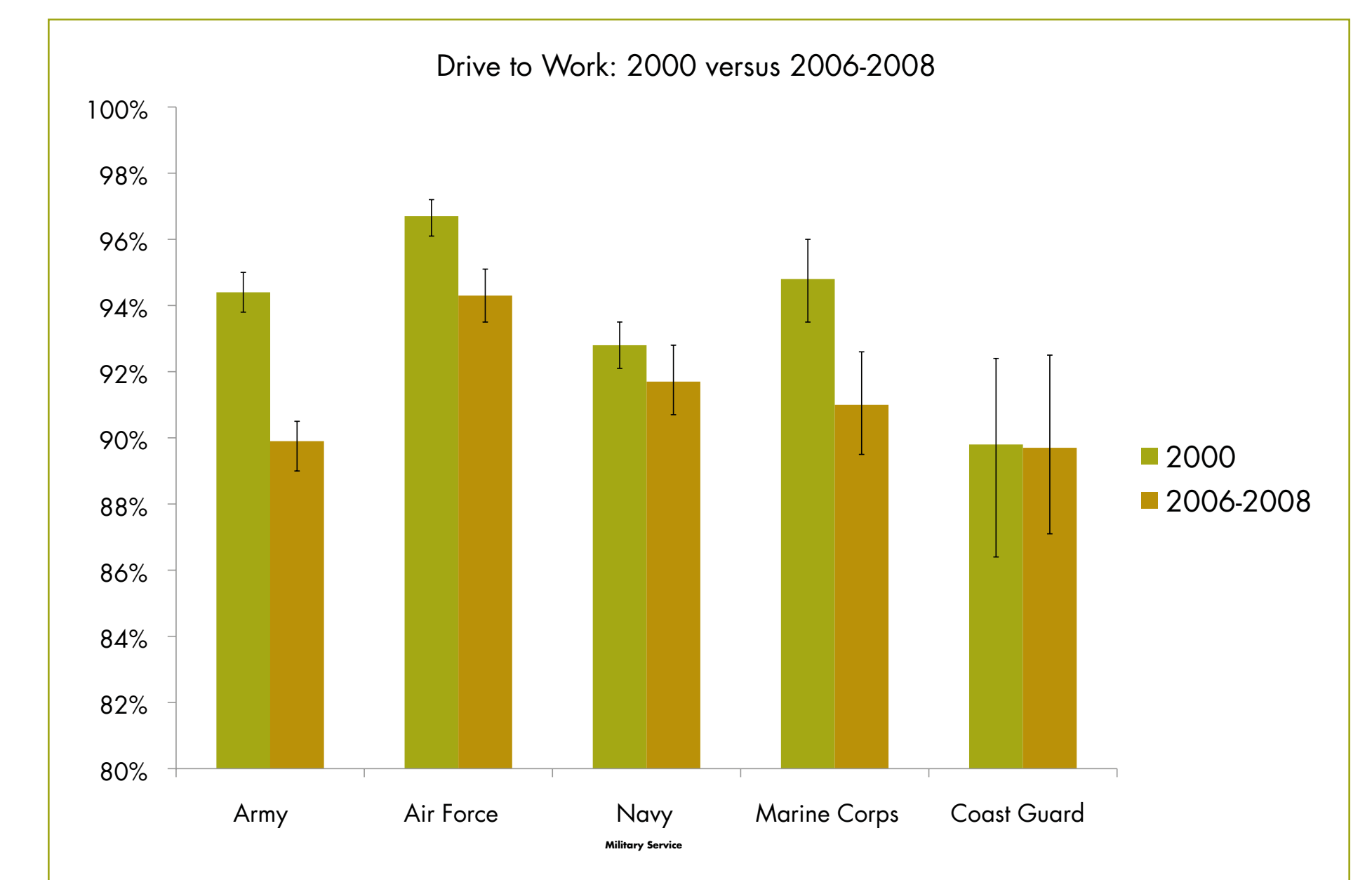
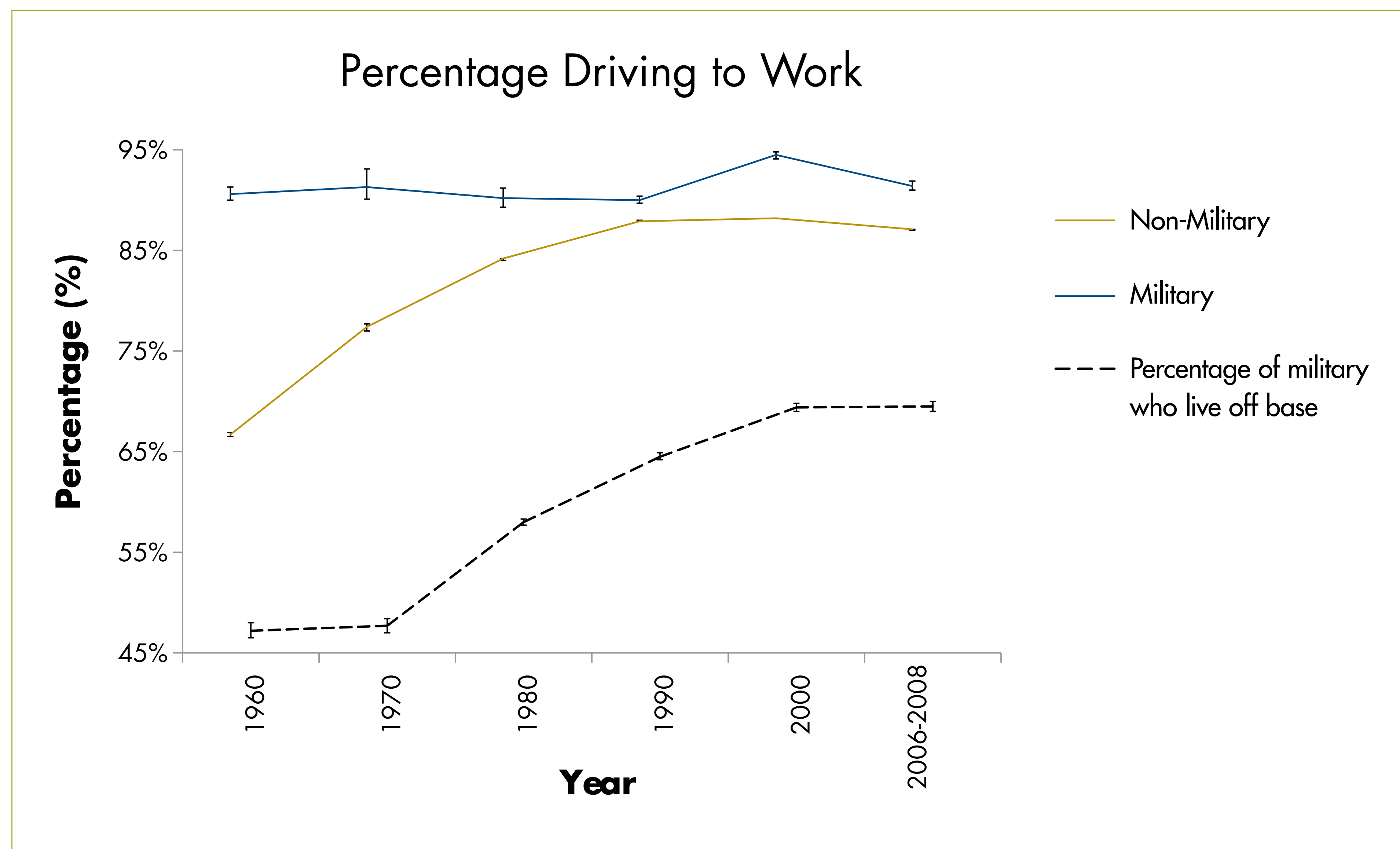
Why We Care

- 1.4 million active duty service members
- 850,000 civilian employees
- 830,000 reservists
- 45,000 square miles of property (~ size of Ohio)
- Since 1960 the percentage of military members living off-base has doubled

Policy Recommendations

- Implement parking charge to induce carpooling, similar to business parks
- Use Smartgrowth principles in land-use planning
- Implement bike sharing program on base
- Provide bike-only lanes at security gate
- Increase awareness of mass transit incentive program for federal workers
- Use bus-pool and van-pools for bases
- Improve transit access to base

Even after controlling for several socio-economic and demographic variables, military members were more likely to drive to work



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