

Portland Area Growth and Transportation Choices

Charles S. Colgan PhD

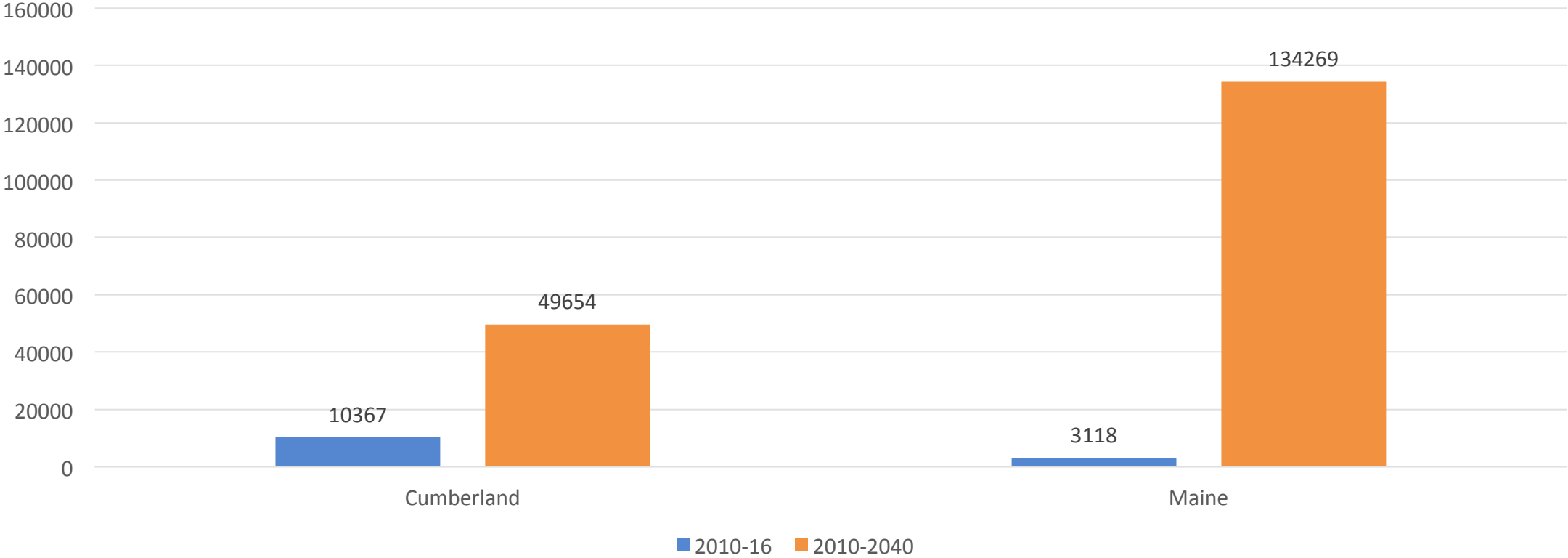
Professor Emeritus of Public Policy & Planning

Muskie School

University of Southern Maine

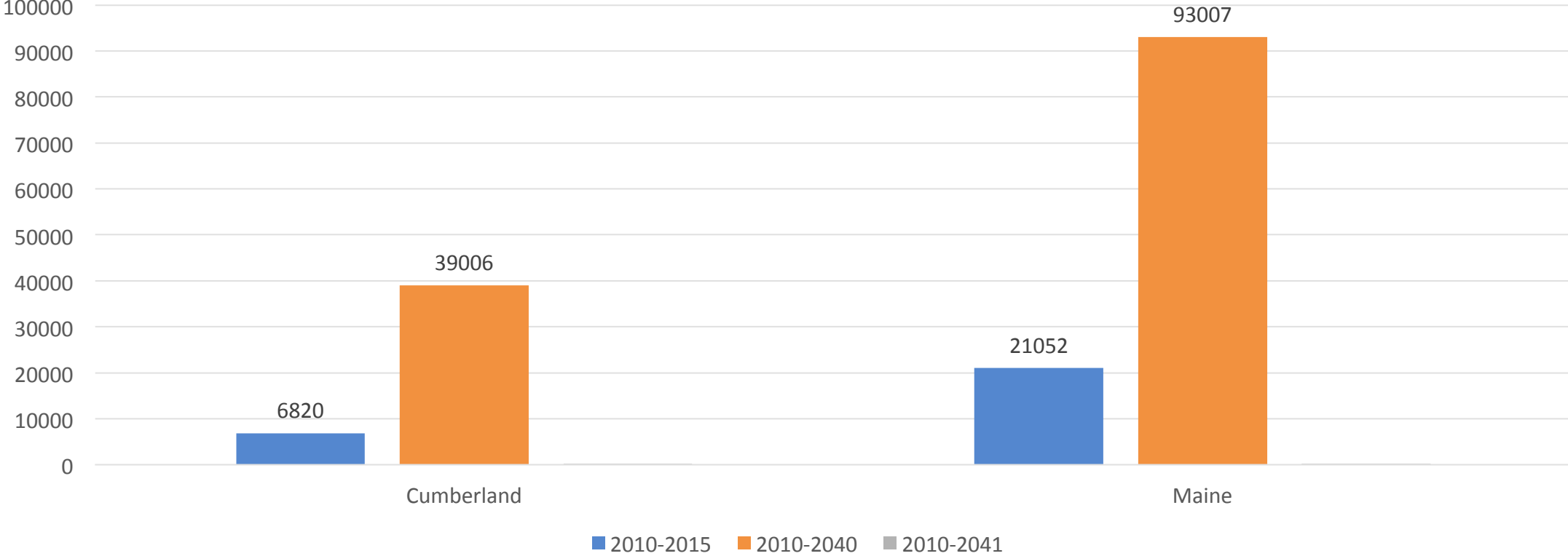
Cumberland County population grew by 21% of its projected 2010-2040 level by 2016 Maine by 2.3%

Chart Title

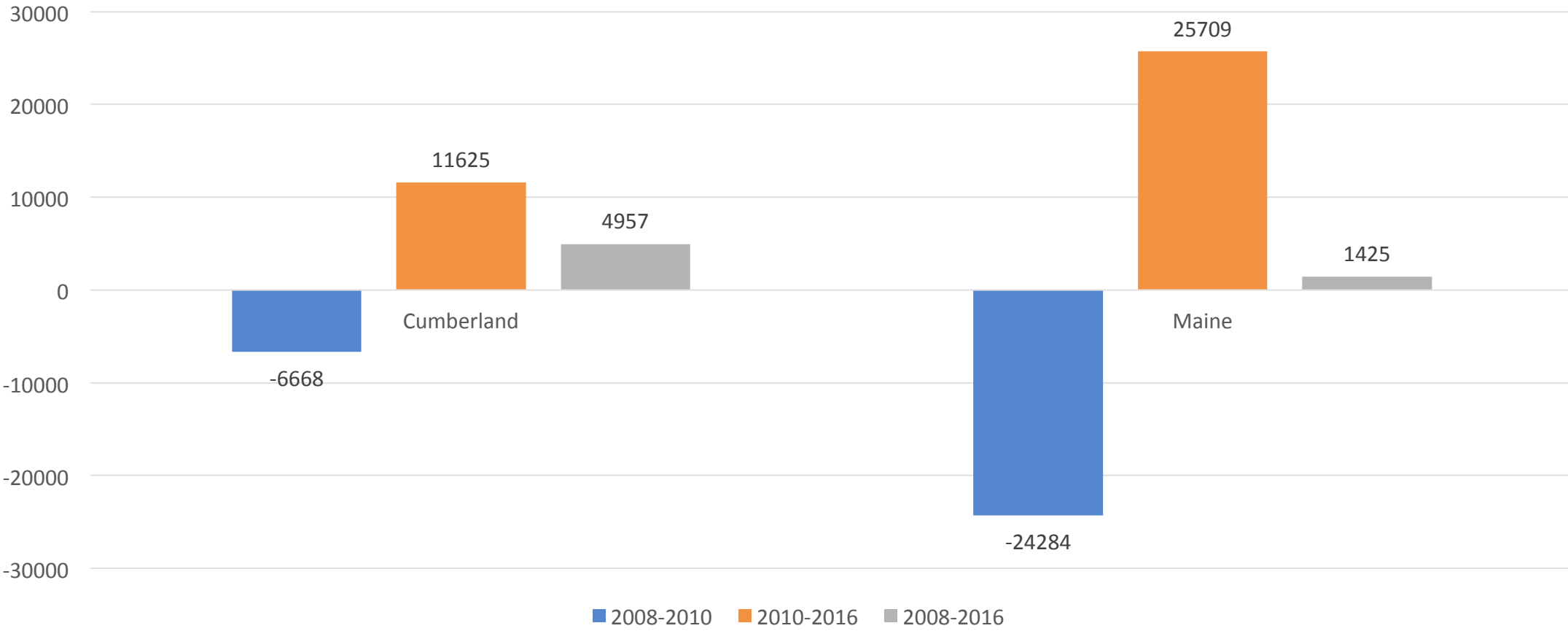


Cumberland County employment grew by 21% of its projected 2010-2040 employment by 2015 Maine by 22.3%

Chart Title

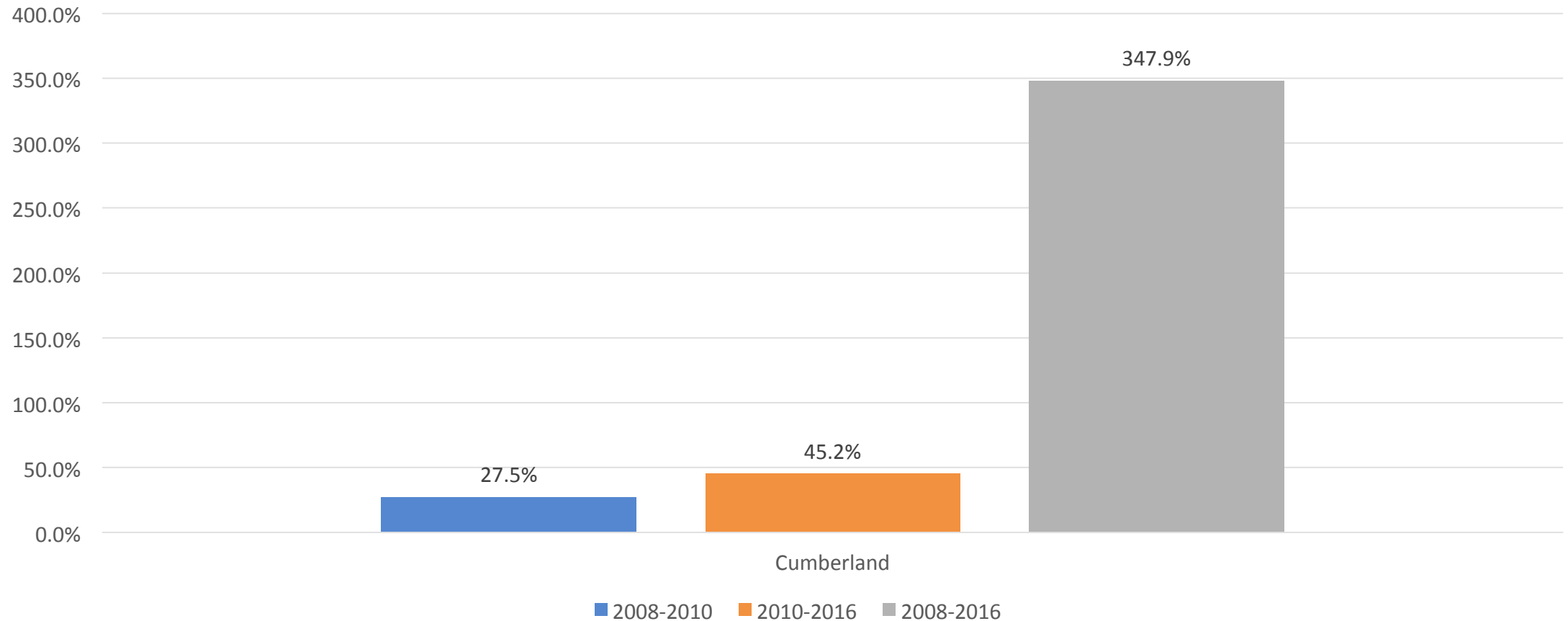


Cumberland County's employment growth since the recession has left the region in better shape

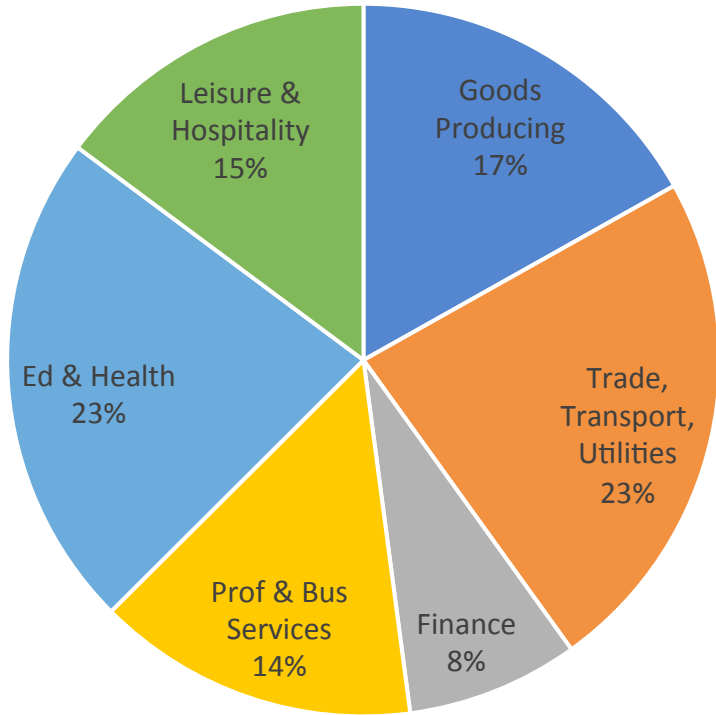


Cumberland County accounted for 27% of job losses in the recession, but 45% of the recovery.

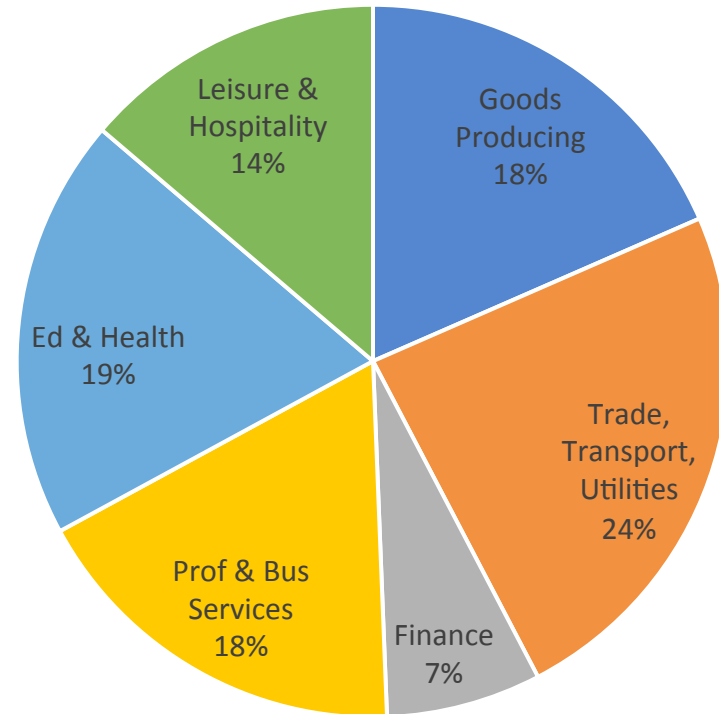
At the end of the recovery, Cumberland county's net job gain will be 350% higher than Maine



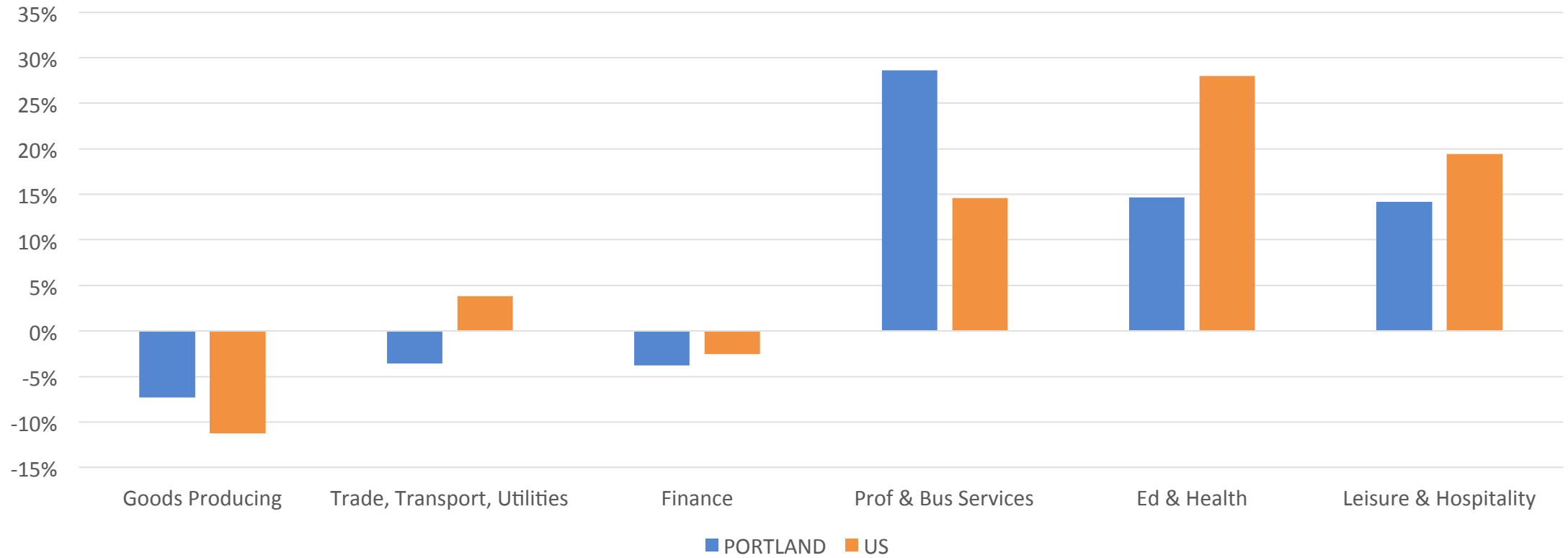
PORTLAND MSA



US



Employment Change 2006-216



Migration Shapes Everything



**Greater
Portland**

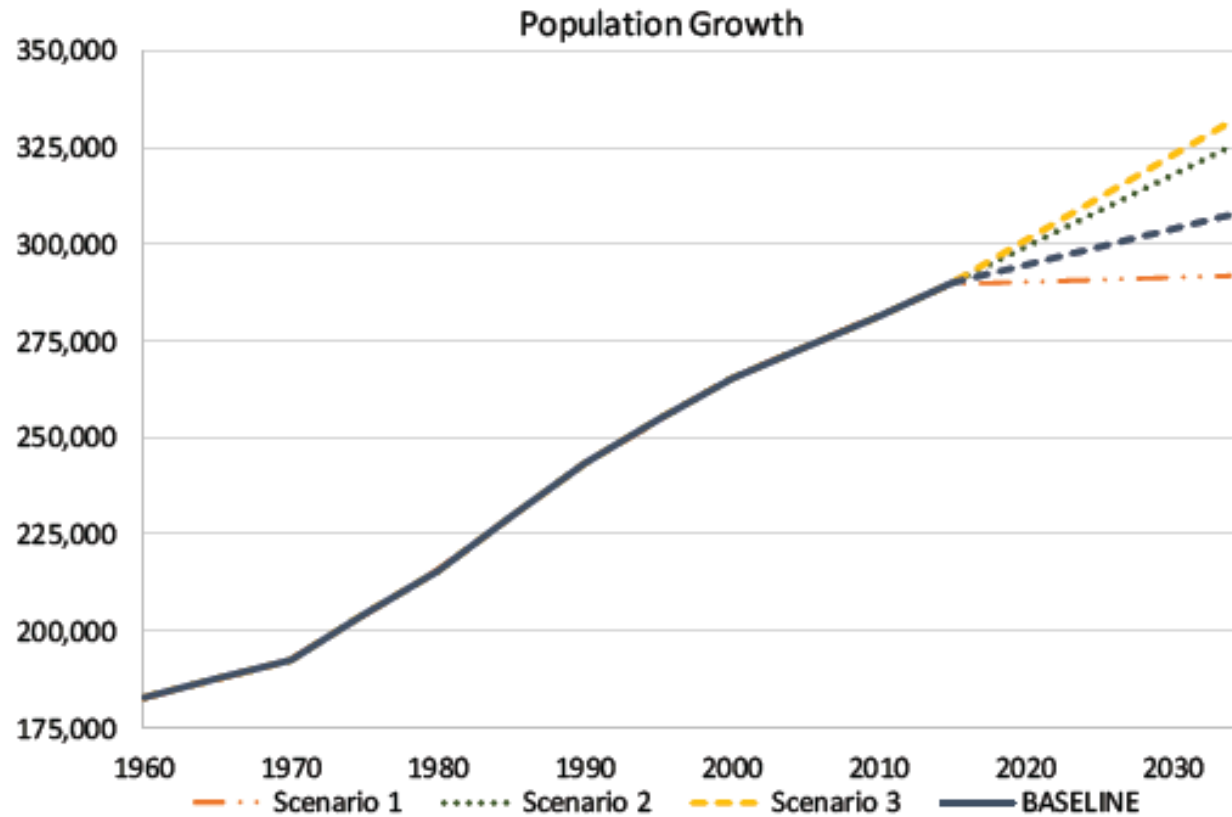
Maine's Urban Economic Engine



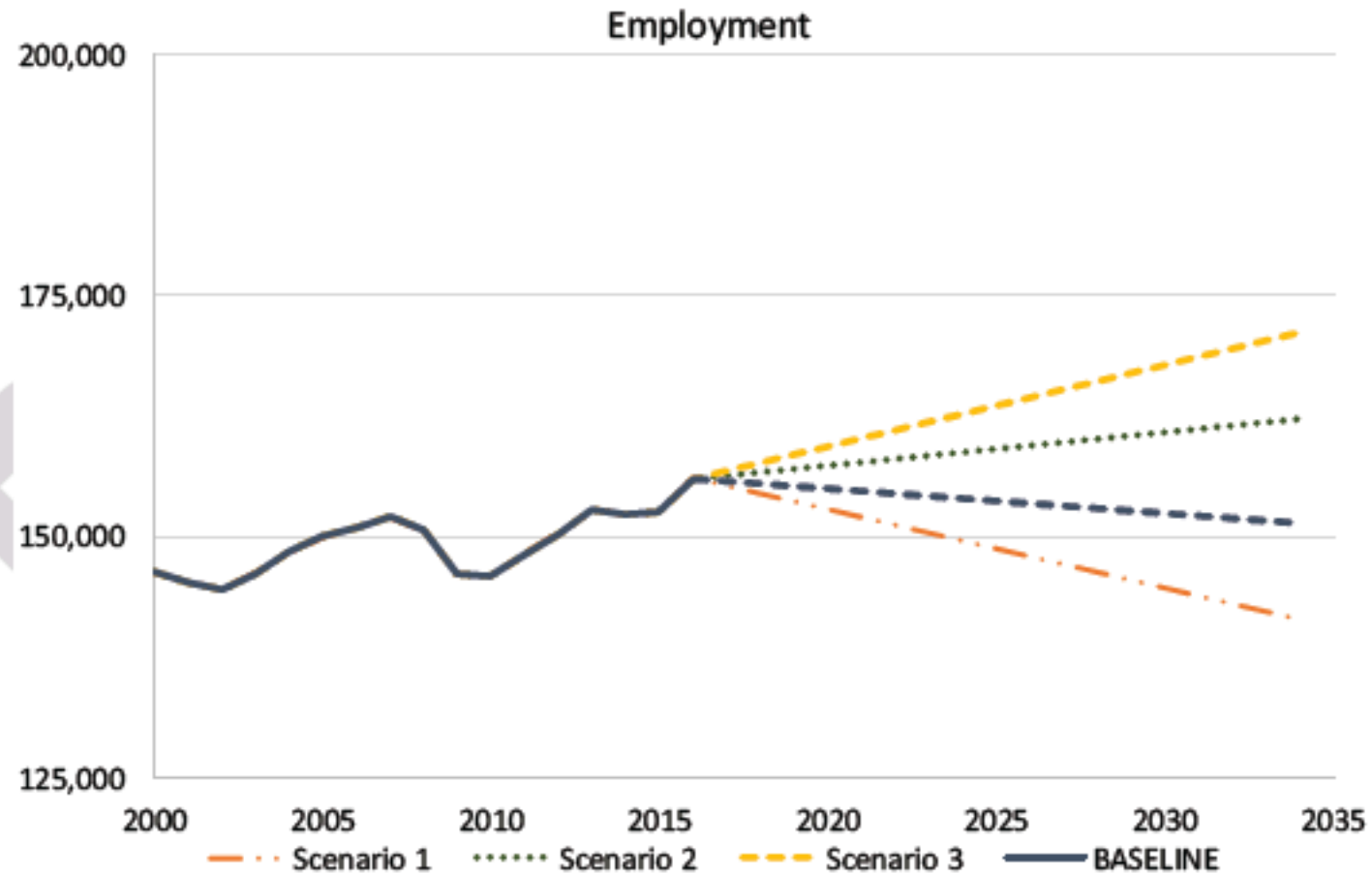
Independent economic
research consultants

info@45northresearch.com
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Four Scenarios: Population



Employment



Scenario

- 1 No In-Migration
- 2 Double In-Migration (all ages)
- 3 Double Young Working Age

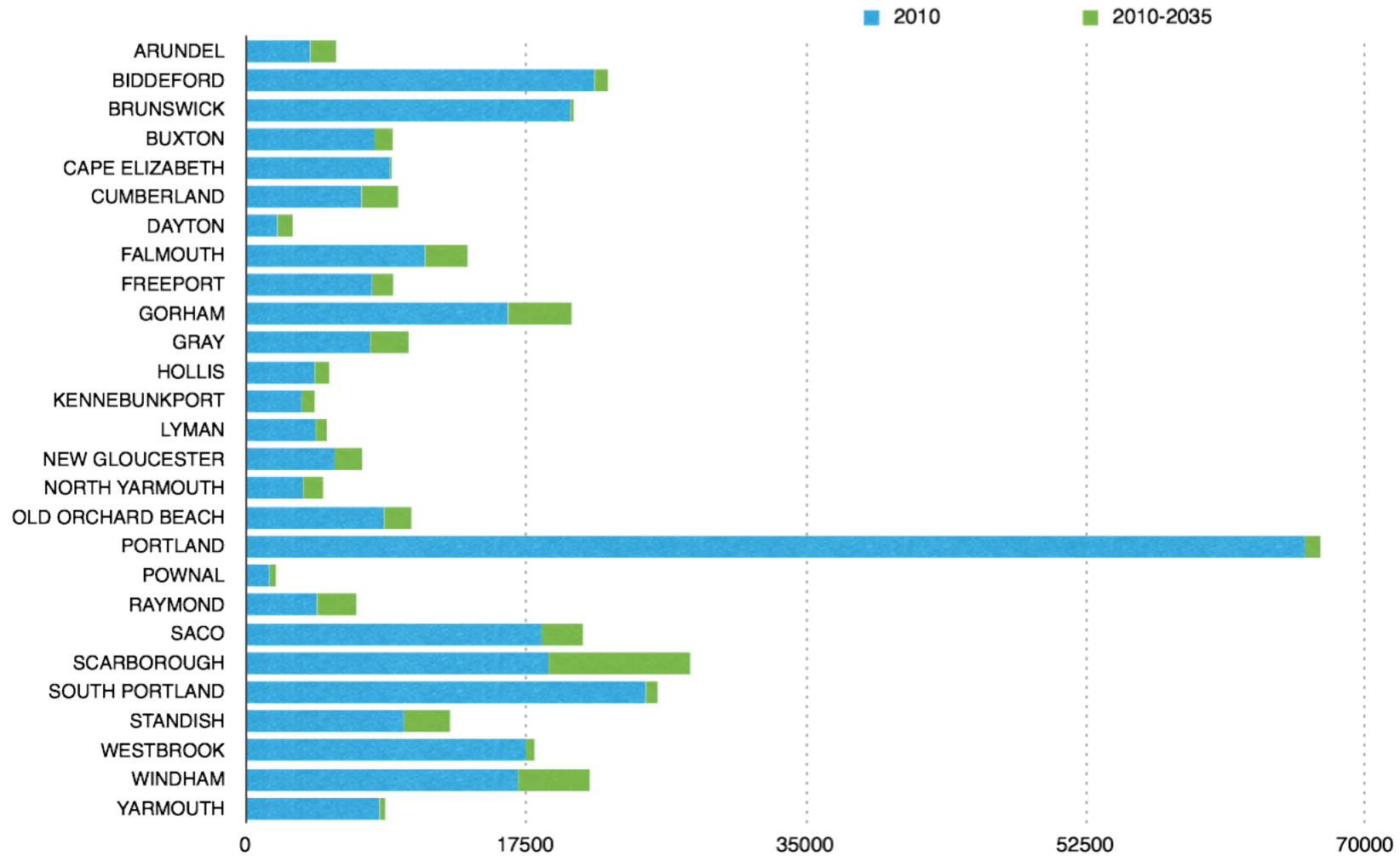
Other factors shaping the decision

- Where will the growth go?
- Is the future of auto travel the same as the past?

How dense will Portland be?



49,000 projected housing units to 2035, Most in the least dense communities



THIS MODERN WORLD ♦ Tom Tomorrow

SHORT ATTENTION SPAN
THEATRE PRESENTS

A BRIEF HISTORY OF GASOLINE CONSUMPTION IN AMERICA



Reinventing the Automobile

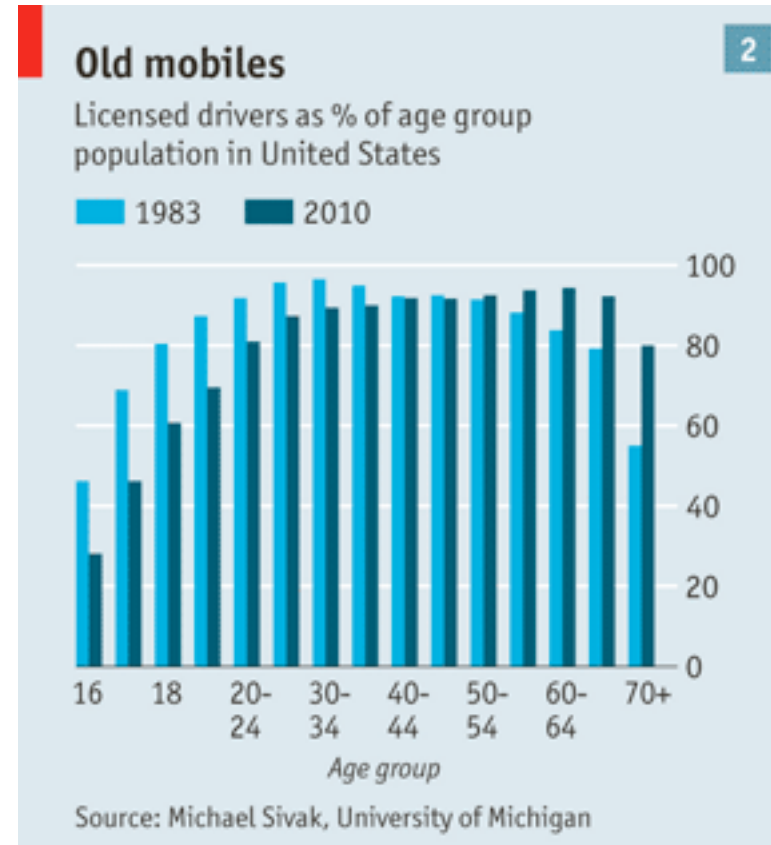
Personal Urban Mobility for the 21st Century

- Electrification
- Smart Grids and Renewable Electricity Supply
- Ubiquitous Networking & Real Time Control
- Dynamic Pricing



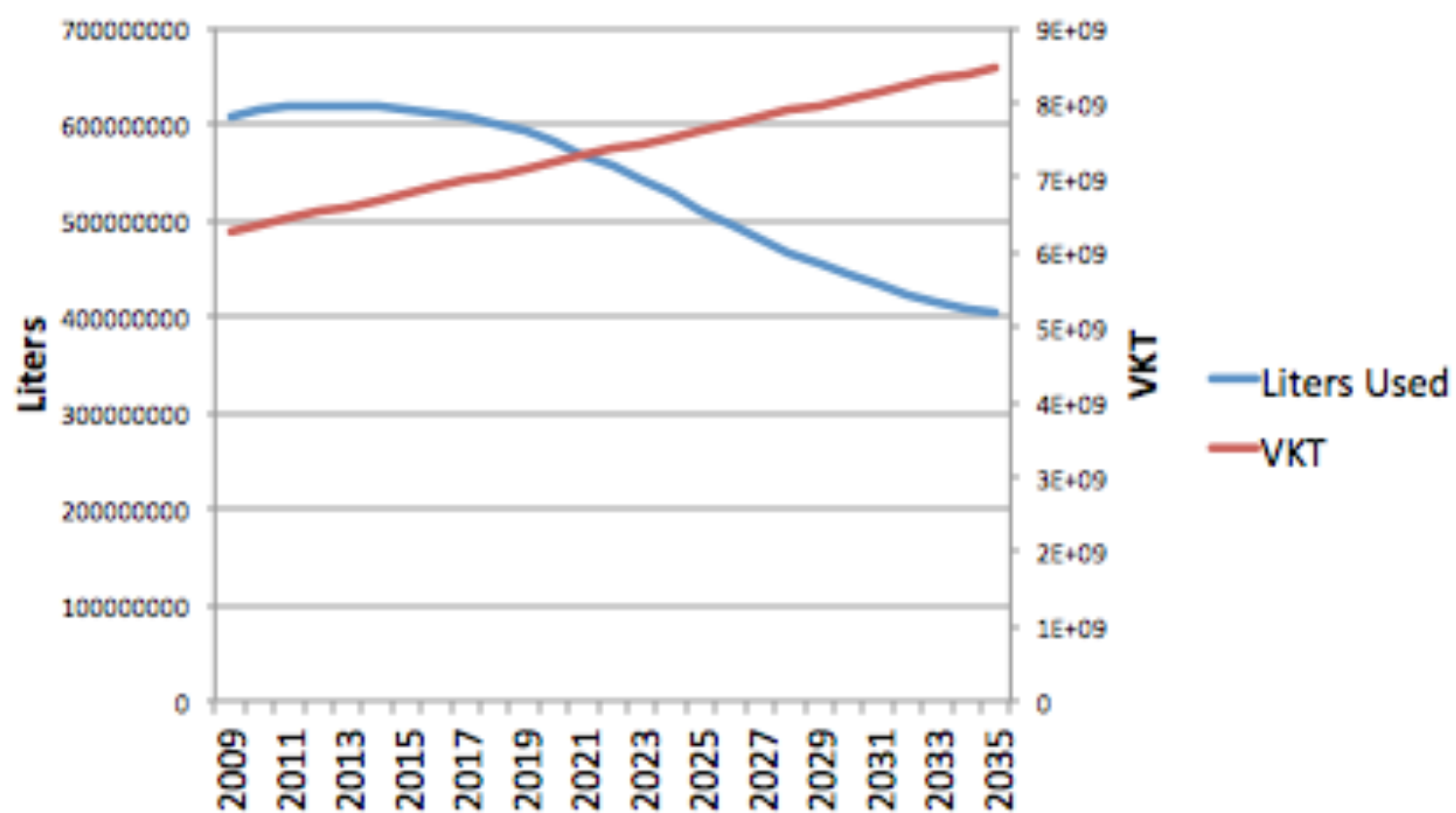
William J. Mitchell, Christopher E. Borroni-Bird, and Lawrence D. Burns

If not Peak Oil, How About Peak Car?





Increasingly fuel efficient cars will result in a significant drop in fuel used even with expanded VKT



On Balance...

- Modest growth on current trends, faster growth needed
- More dense growth than in the past, but not dense enough
- Mobility will remain high, but technology will change significantly