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# The Economics of Aging

# Challenges and Opportunities

"... to raise new ideas and improve policy debates through quality information and analysis on issues shaping New Hampshire's future."



#### Takeaways

- Well documented story of aging.
- Aside from the issue of labor force, this is not yet a big part of the broader conversation ("aging as a problem")
- Potentially intergenerational conflict 

   how to make this a conversation about demographics, not aging.
- Integration point is local! The State,
   Communities, Counties are not really prepared for this change and are thinking in silos.



#### Takeaways (Continued...)

- Strategic plan for the state as it ages
  - Development of an aging caucus in the legislature.
  - Development of information specific to housing, economic development (Jeff Rose), planners, municipal leaders, state government.
- Engaging in a conversation about housing
  - Zoning
  - Land Use
  - Spacial Distribution of Aging
  - The village movement

This is an 'Industrialized Nation Issue'

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ticularly striking given how day arrives. swiftly the overall population is aging: Germany now has the world's lowest birthrate, slipping below Japan, according to a study this year by the Hamburg it over in 2006. The previous Institute of International Economics and audit firm BDO AG.

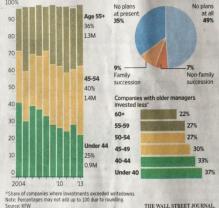
could have a significant economic impact. Germany's more than 3.5 million small and midsize businesses, known collectively as the Mittelstand, account for about 60% of its workforce and more than half of its economic output.

Older bosses at these companies, many of whom are also the owners, are less eager to invest ing increasingly common. Gerin their own business than youn- many's annual rate of business ger ones, the KfW survey found. liquidations has outpaced busi-

Autohaus Ochs GmbH, a Volkswagen dealership near Stuttgart, had eight employees when Martin Häussermann took owner, who was 69 years old, had been seeking a buyer for The graying executive corps years and hadn't made any significant investment in the company for a decade. "It would have been liquidated," said Mr. Häussermann, who was 31 years old at the time.

Under Mr. Häussermann, who quickly started investing in the business, it has grown to 100

Closures, however, are becom-They also frequently delay suc- ness openings only four times



years, according to IfM, a Mittelpects the pattern to continue he said. this year.

Last year, investor Gerd Fricke

since the mid-1970s, and three of from its octogenarian owner. Inthose were in the past three vestment had stalled in some areas, "particularly in building up stand research institute. It ex- employees' management skills,'

Mr. Fricke shortened the company's name and is flattening its took over 100-employee PEKU hierarchical management struc-Folien GmbH, a Bavarian printing ture as he converts it from a conand packaging-material business, tract manufacturer to a more in- don't agree on money or power invest in the new strategy."

years, he said, PEKU skimped on spending that could have when a family member is inboosted productivity, such as volved. having replacement tools ready when worn ones required servic-

About 73% of senior managers advised by Germany's industry roughly 150-employee steel, enviand trade groups haven't assembled the basic documents needed for a handover, such as a power of attorney, supplier and client a will, according to businesschamber association DIHK.

When companies change hands after the owner dies and heirs aren't familiar with the company, they "can't make the best decisions," said Mr. Koeberle-Schmid at KPMG. When

Handovers can be tricky even

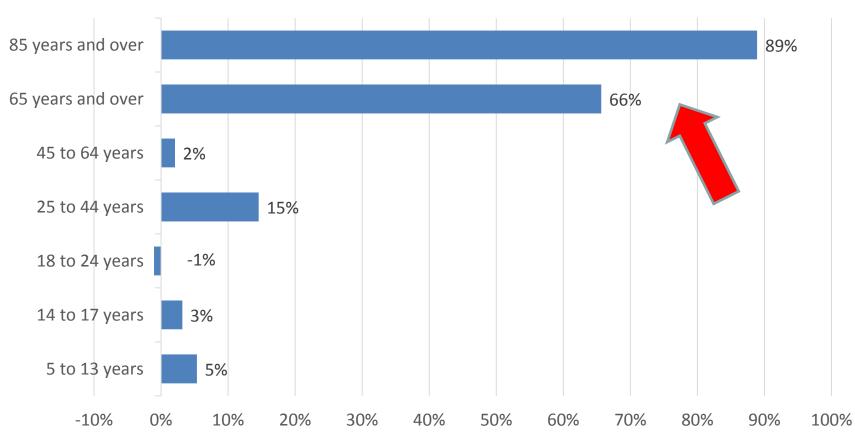
By the time Caspar Brockhaus took over management of Brockhaus Group from his father six years ago, suppliers of the ronmental and measurementtechnology company had become some of its fiercest competitors. With guidance from his father, information, bank-access data or he shed operations that accounted for half the company's sales and staff. Within four years, sales at the remaining operations had risen roughly 50%.

"In retrospect, you could say we should've done it earlier." Mr. Brockhaus said. But succession "had to be cleared up first, so my heirs disagree on strategy, they father waited to implement and



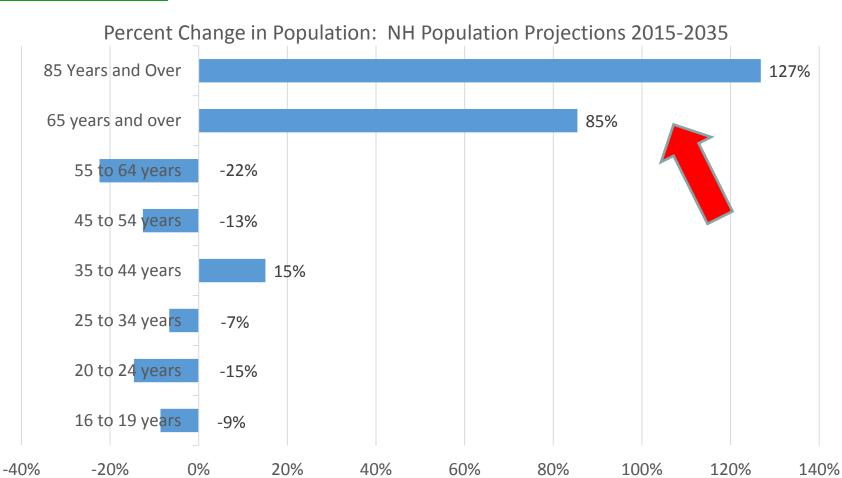
#### Aging Is Everywhere

Percent Change in Population: National Projections 2015-2035



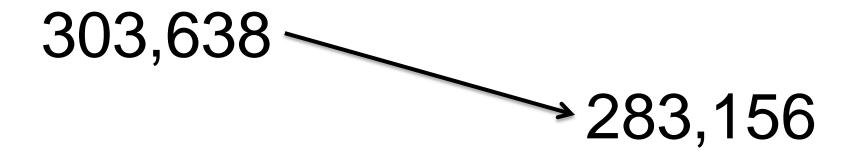


#### But more so in NH





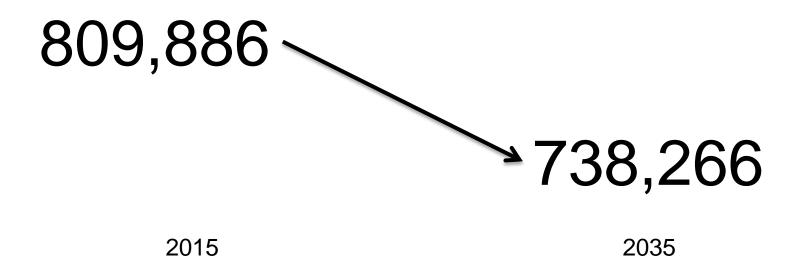
#### School Aged Population



2015 2035

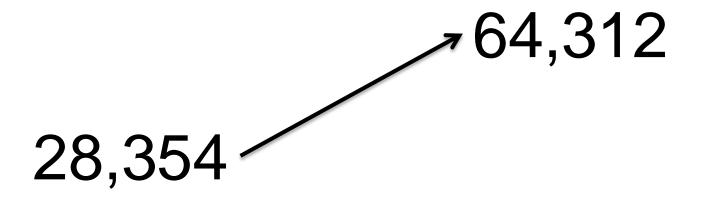


# Working Aged Population (20-64)





#### Population Over 85



2015 2035



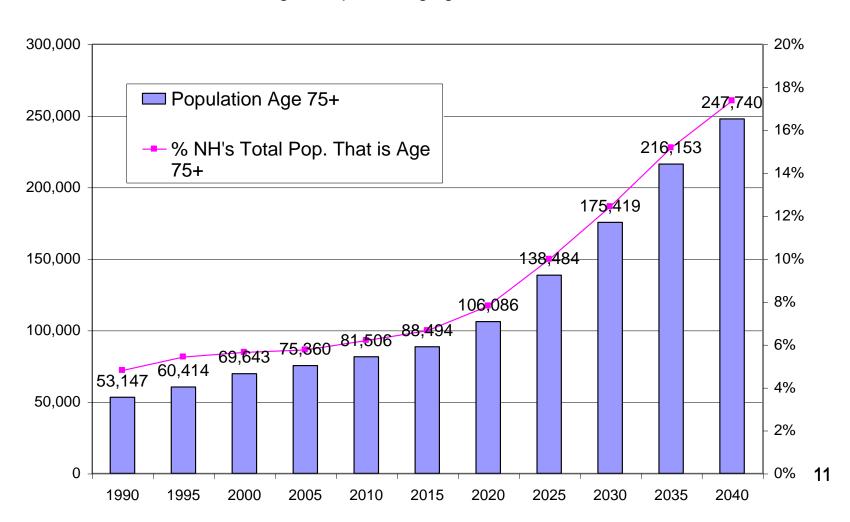
#### Labor Force

- Increasing labor force? Only in the population over 65.
- Job Skills Mismatch (e.g. caregiver crunch)
- Aging population is a resource, but job demand (support services) don't match skills (experience, wisdom)
- Affordable Housing availability
- Caregiver Productivity Implications (aging parents, partners)



## Timing: Are we old? Not yet, but getting there ...

The Largest Impact of Aging will occur after 2020

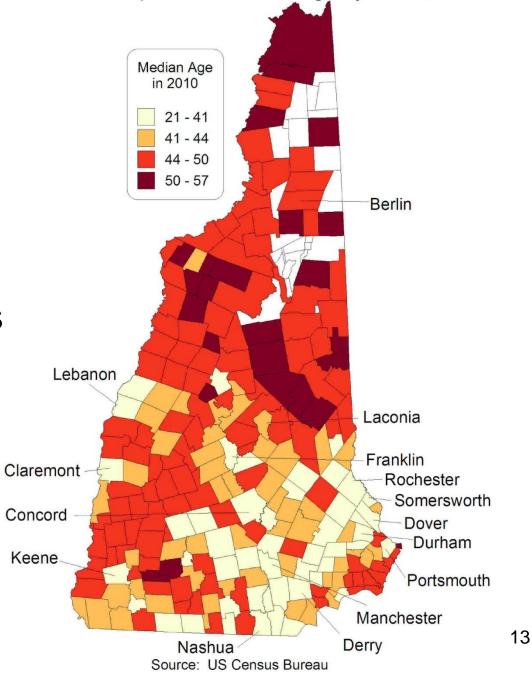




#### **Geography Matters**



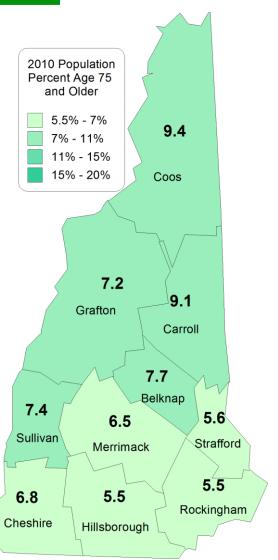
Geography Matters Now

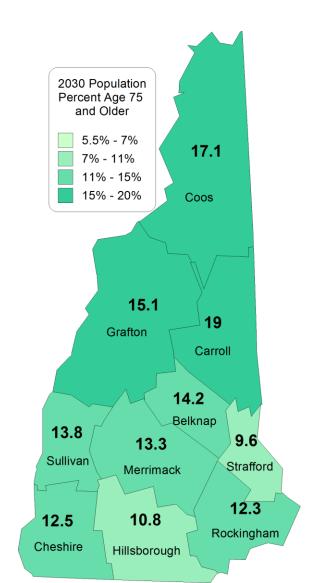


NH Population Median Age by Town, 2010



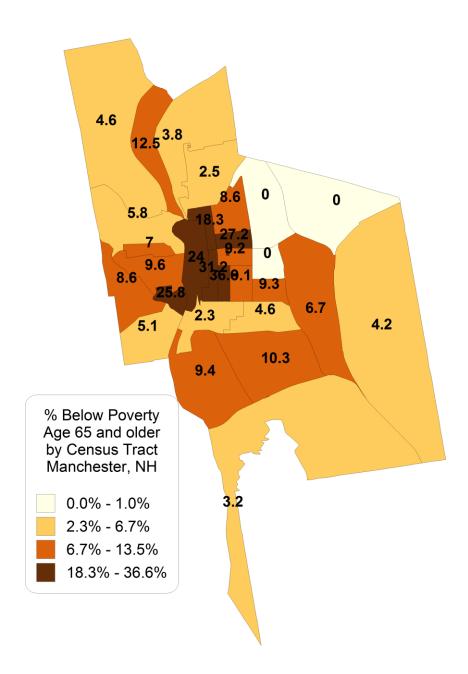
#### More So Over Time







# Vulnerability can be VERY localized





# A Model: Economic Impact of Aging

#### **Negative**

- Declining workforce
- Declining savings rate
- Increasing dependency ratio → higher taxes
- Change in spending from higher return to lower return industry
- Lower levels of spending due to retirement savings issues
- Opportunity costs/Productivity of caregivers.
- Public Finance Impacts?

#### **Positive**

- Increase in healthcare industry and wages
- Housing development/ redevelopment opportunities
- Evolving service needs/models and increase in wages
- Amenity community economic growth/boomer travel
- Access to retired human capital (longevity)
- Public Finance Impacts?

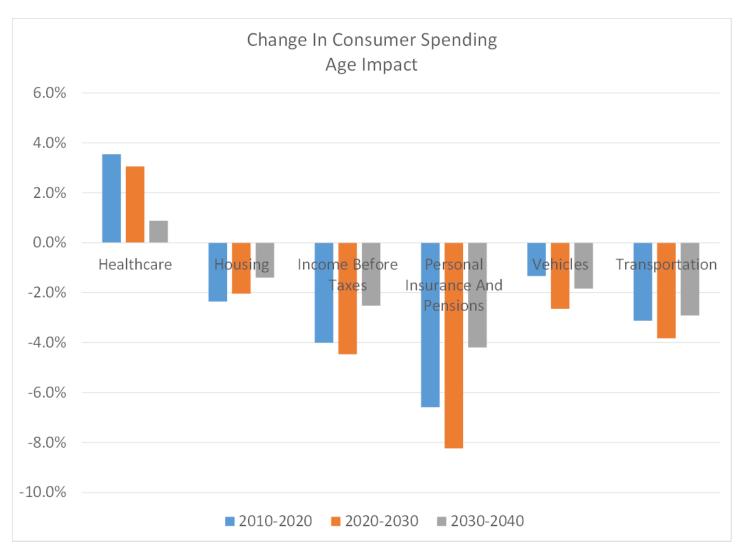


#### Slower Economic Growth by almost 30% .....

• Talkin' 'bout my generation: The economic impact of aging US baby boomers The Boomers' aging also will be felt throughout the economy. As the Boomers grow older, they will work and spend less, slowing real US GDP growth to a more modest pace than in recent decades: from the 3.2 percent average annual rate enjoyed since 1965 to 2.4 percent over the coming three decades.



# Change in Consumer Spending

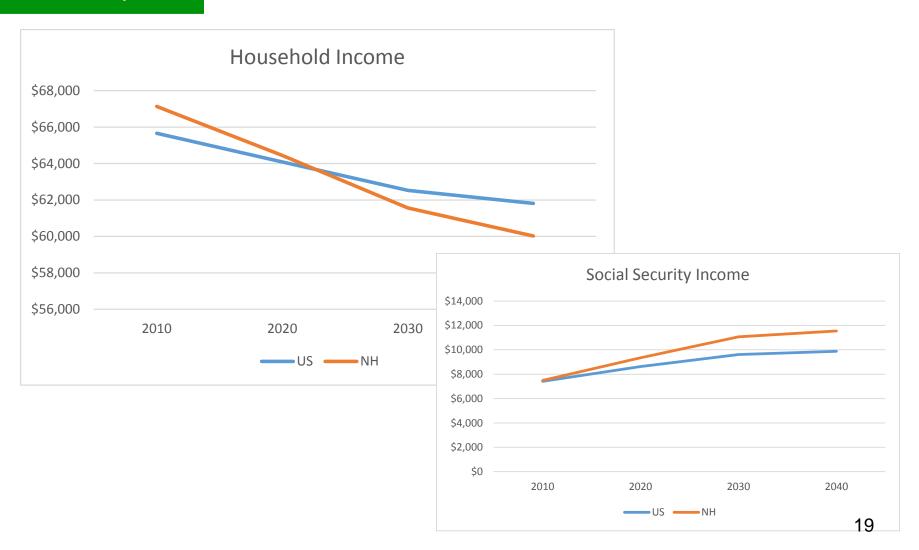




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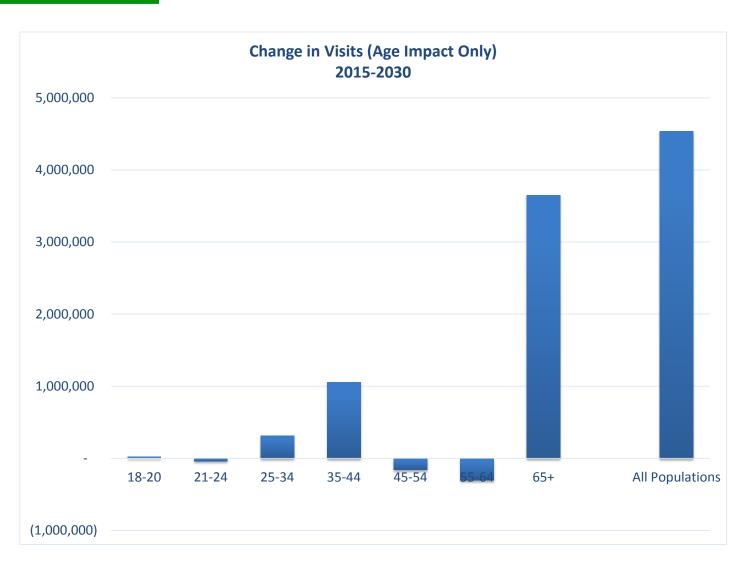
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#### NH vs US





### What does aging have to do with pontoon boats?



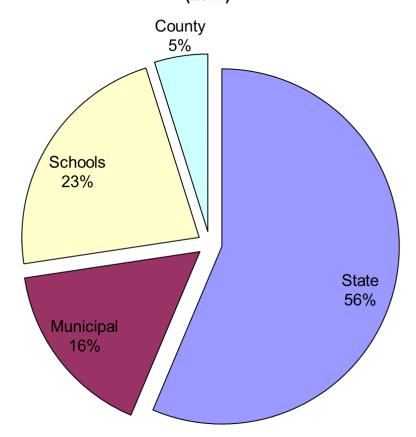


#### **Public Finance**



#### The Common Burden

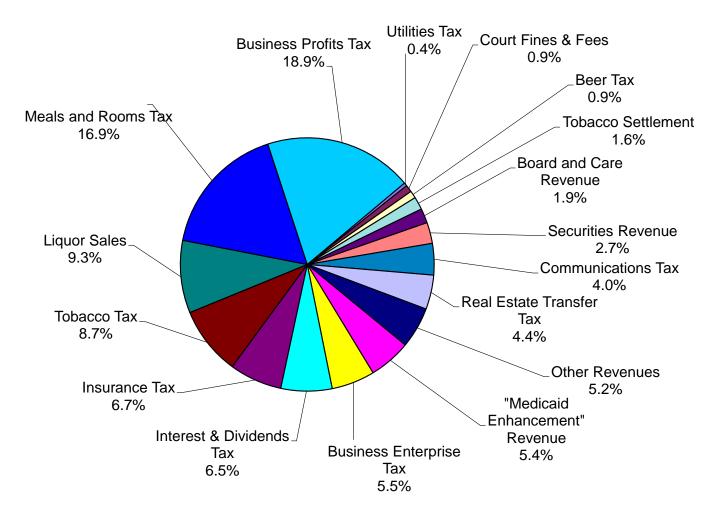
Distribution of Pubilc Service Appropriations by Level of Government (2011)





#### State Revenues

#### **FY2013 General Fund Revenue Sources**





# State Revenue Implications

- NH's major taxes will grow more slowly than they have been ->
  - Slower economic growth → slower growth in business taxes
  - Changing demand for tourism →slower growth (and different demand!) in tourism
  - Spending decreases as one ages, so all consumption taxes that aren't on healthcare, will likely decline.
- Structural Deficit the gap between how state spending naturally grows and revenue grows – will increase, making additional trade-offs necessary



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Every state agency is touched by aging but understanding the relationships are difficult

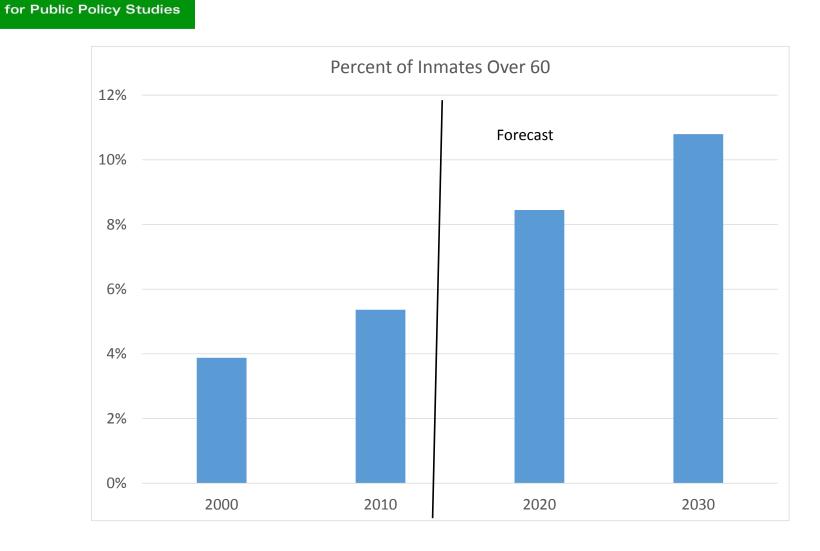
#### Spending

General Fund Expenditures by Agency		
	Committee of	
	Conference 2016-	
Agency	2017	Affect of Aging?
HHS Total	\$1,264,905,309.00	
TREASURY DEPT OF		
	\$332,902,176.00	
CORRECTIONS DEPT OF		
	\$216,490,693.00	
EDUCATION DEPT OF	\$177,069,322.00	
UNIVERSITY OF NEW HAMPSHIRE	\$162,000,000.00	
JUDICIAL BRANCH	7202,000,000.00	<u> </u>
	\$152,202,095.00	
COMM COLLEGE SYSTEM OF NH	\$86,275,000.00	



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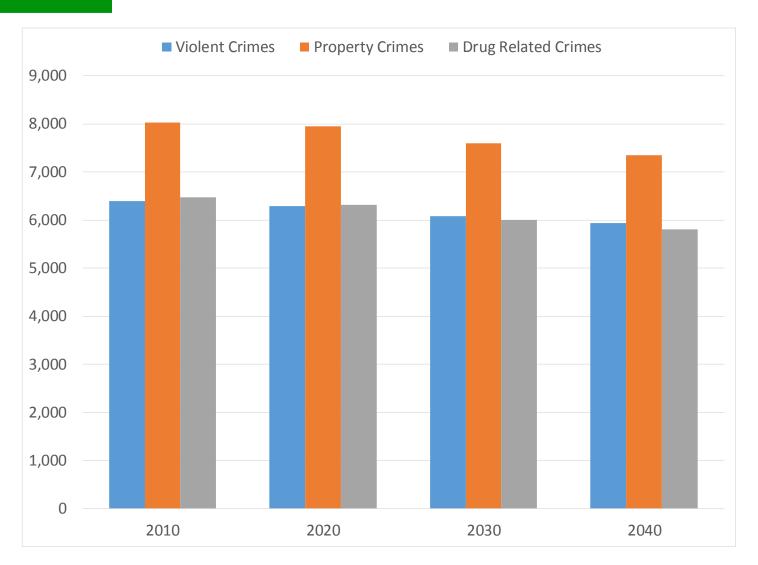
#### Corrections?





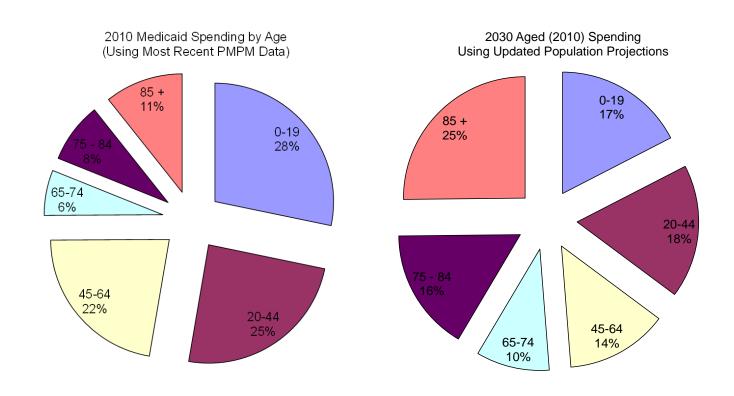
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#### Public safety improves?





# Simulating Changes in Medicaid Spending



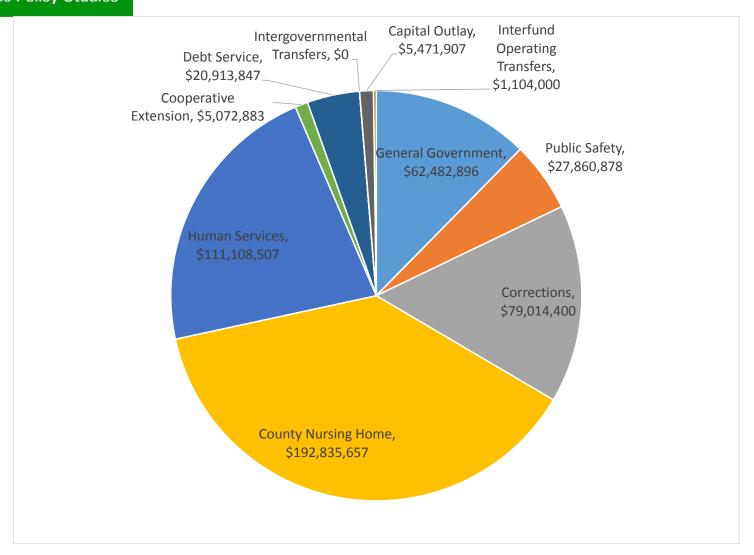


# Very Fractured Long Term Care Safety Net for financially or physically frail elders



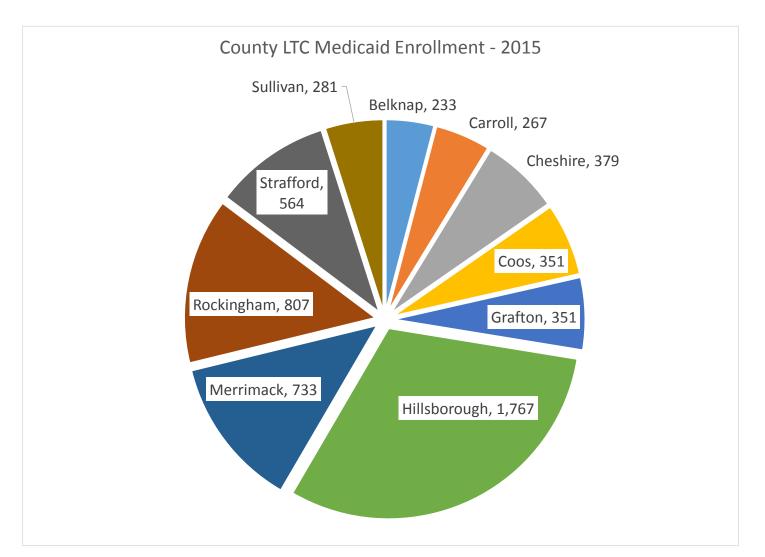
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#### County Expenditures





#### Enrollment in All Medicaid Funded Long Term Care Services by County

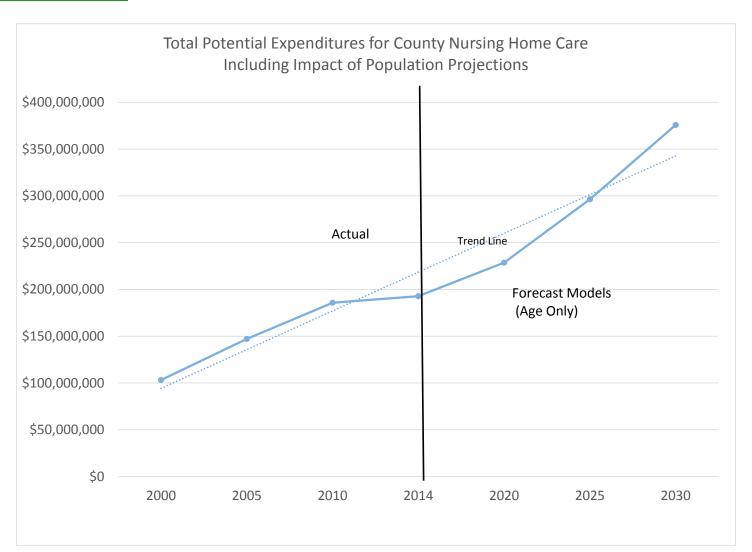




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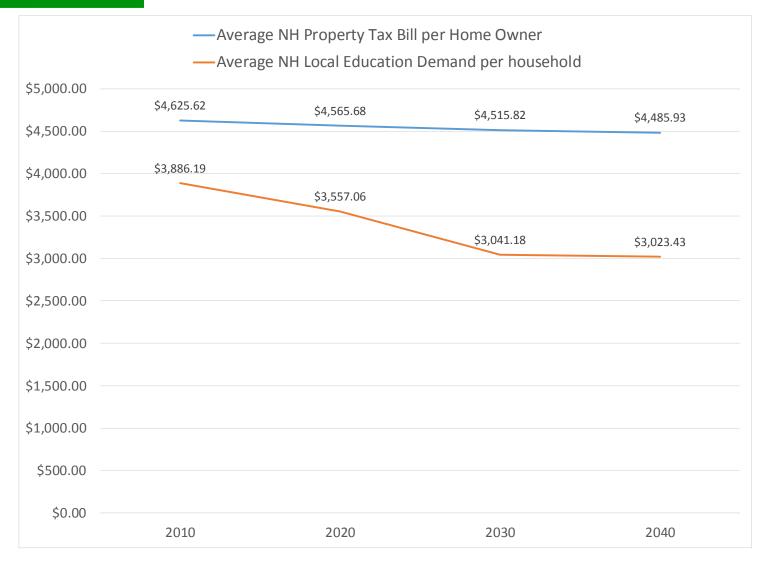
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# What happens to county spending?





## Fewer school kids in older households





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