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POPULATION TRENDS IN THE UNITED STATES AND PENNSYLVANIA

Goals

- Two major U.S. demographic trends:
 - Population aging
 - Immigration
- How they affect Pennsylvania
- Can immigration offset population aging?

Population Aging

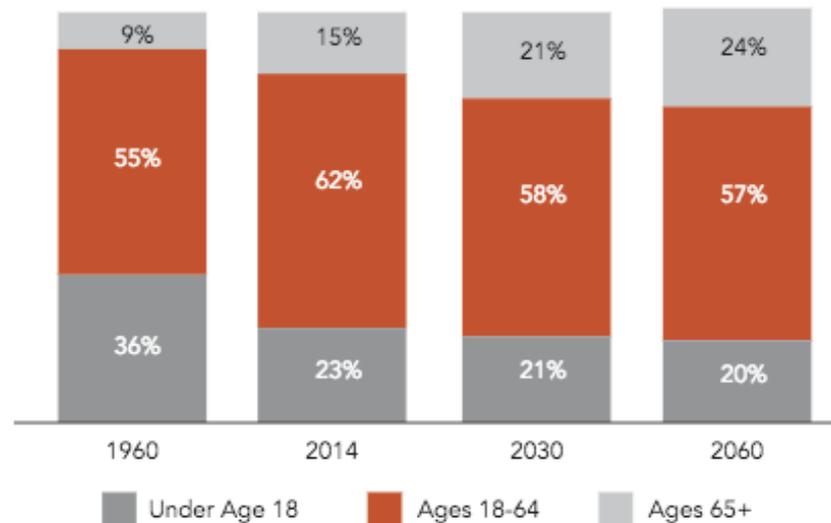


Population Aging US Trends

FIGURE 2

By 2060, Nearly One-Quarter of Americans Will Be Ages 65 and Older.

Percent of U.S. Population in Selected Age Groups, 1960 to 2060

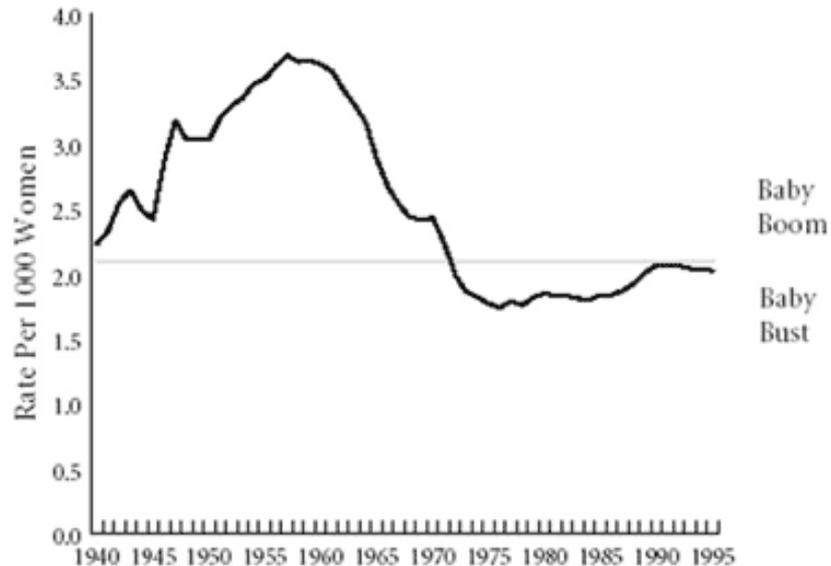


Note: Numbers may not sum to 100 due to rounding.

Source: PRB analysis of data from the U.S. Census Bureau.

Population Aging Causes

Total Fertility Rates, 1940–1995



**Aging of the Baby
Boom**

Current Low Fertility

Note: Total fertility estimates how many children a woman is likely to have during her entire reproductive cycle. The straight line is the replacement fertility rate.

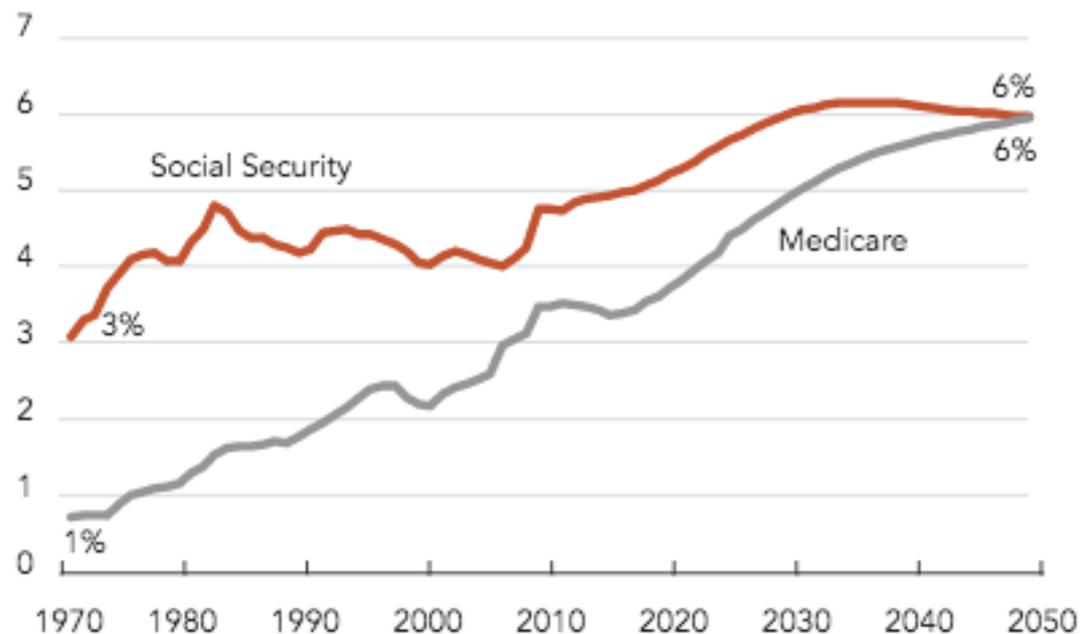
Source: *Life Tables for the United States Social Security Area 1900–2080*, Actuarial Study No. 107, Felicitie Bell, Alice Wade, and Stephen Goss, U.S. Department of Health and Human Services, August 1992, Table 3, p. 3. Rates after 1991 are from the 1997 Annual Report of the Board of Trustees of the Federal Old-Age and Survivors Insurance and Disability Insurance Trust Funds, Table ILD2, p. 63.



Population Aging Consequences

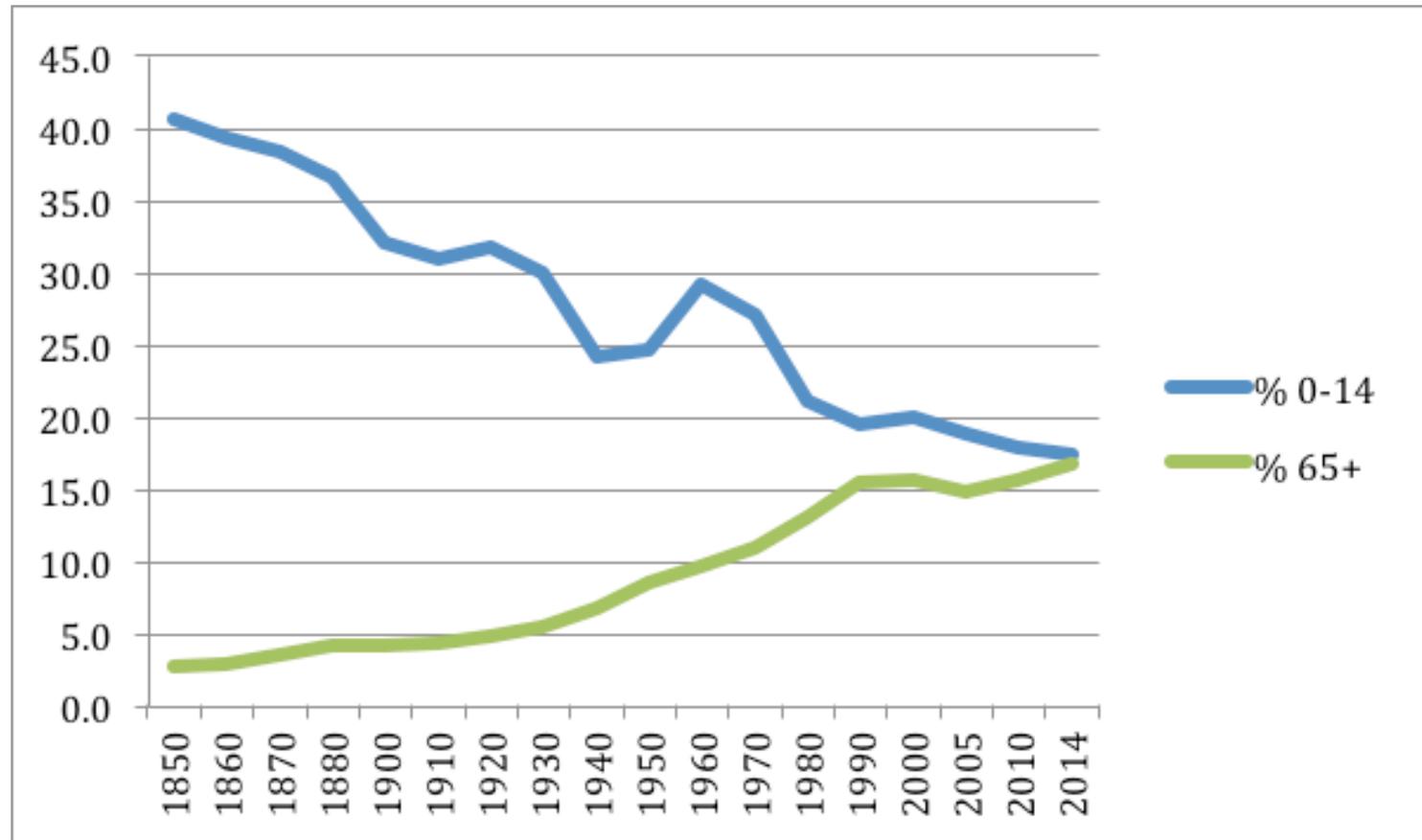
Social Security and Medicare Expenditures Are Projected to Reach a Combined 12 Percent of GDP by 2050.

Projected Social Security and Medicare Expenditures as a Percentage of GDP



Source: Social Security Administration, Summary of the 2014 Annual Reports.

Population Aging Pennsylvania



Population Aging Causes

Aging of Baby Boom

Low Fertility

United States: 1.90

Pennsylvania: 1.75

Out Migration

“Brain Drain”

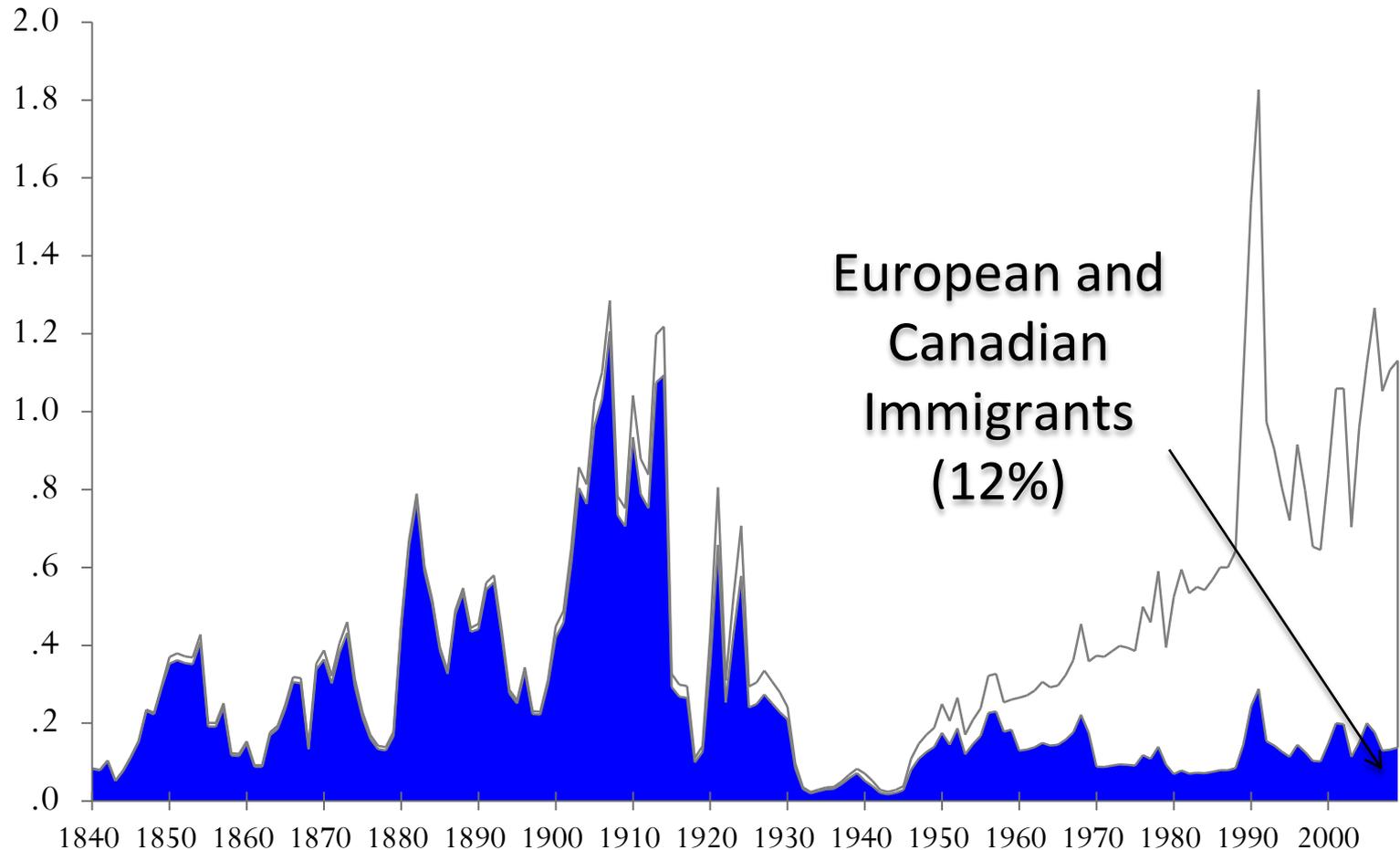


Immigration



Immigration US Trends

Millions



European and
Canadian
Immigrants
(12%)

PENNSTATE

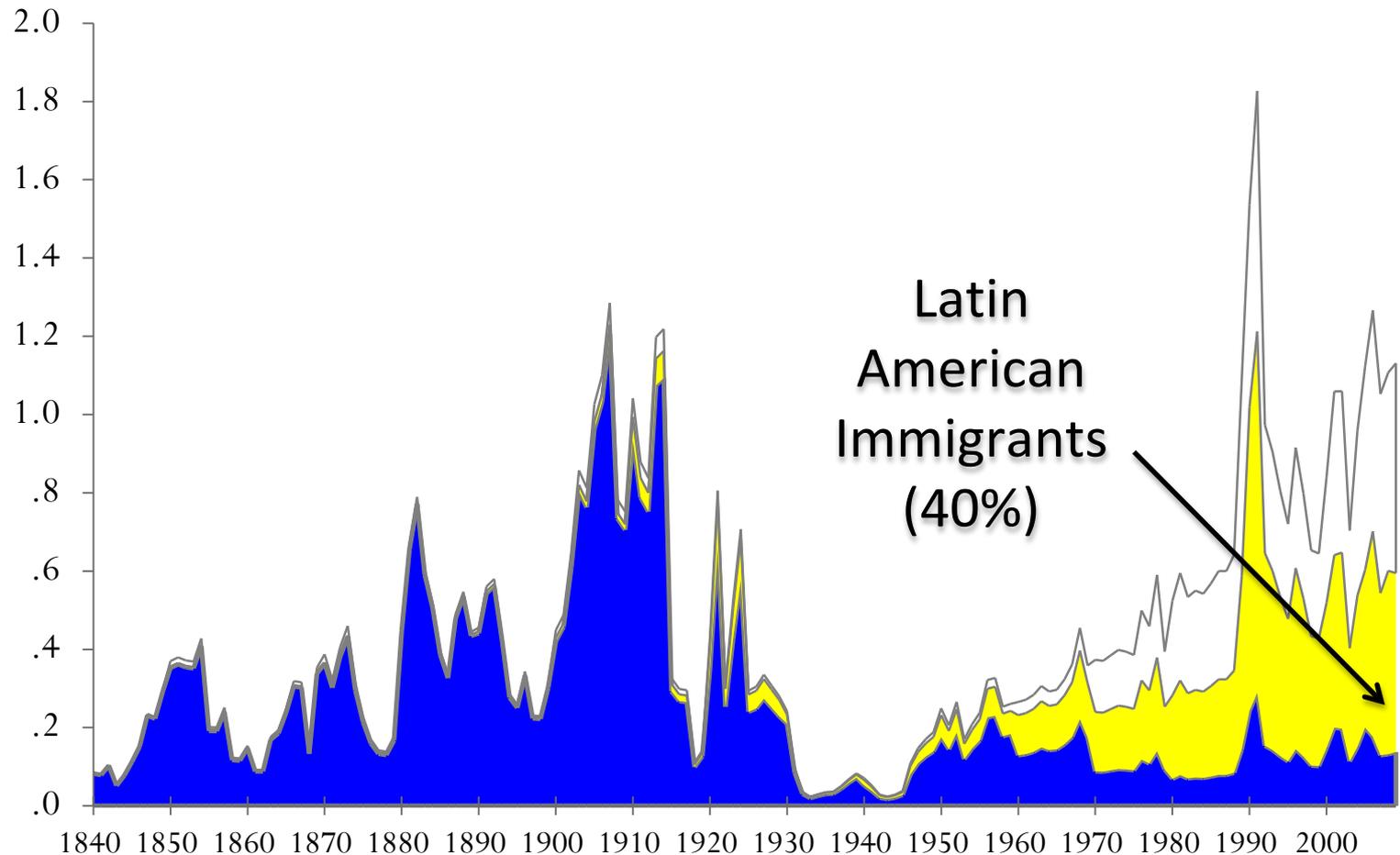


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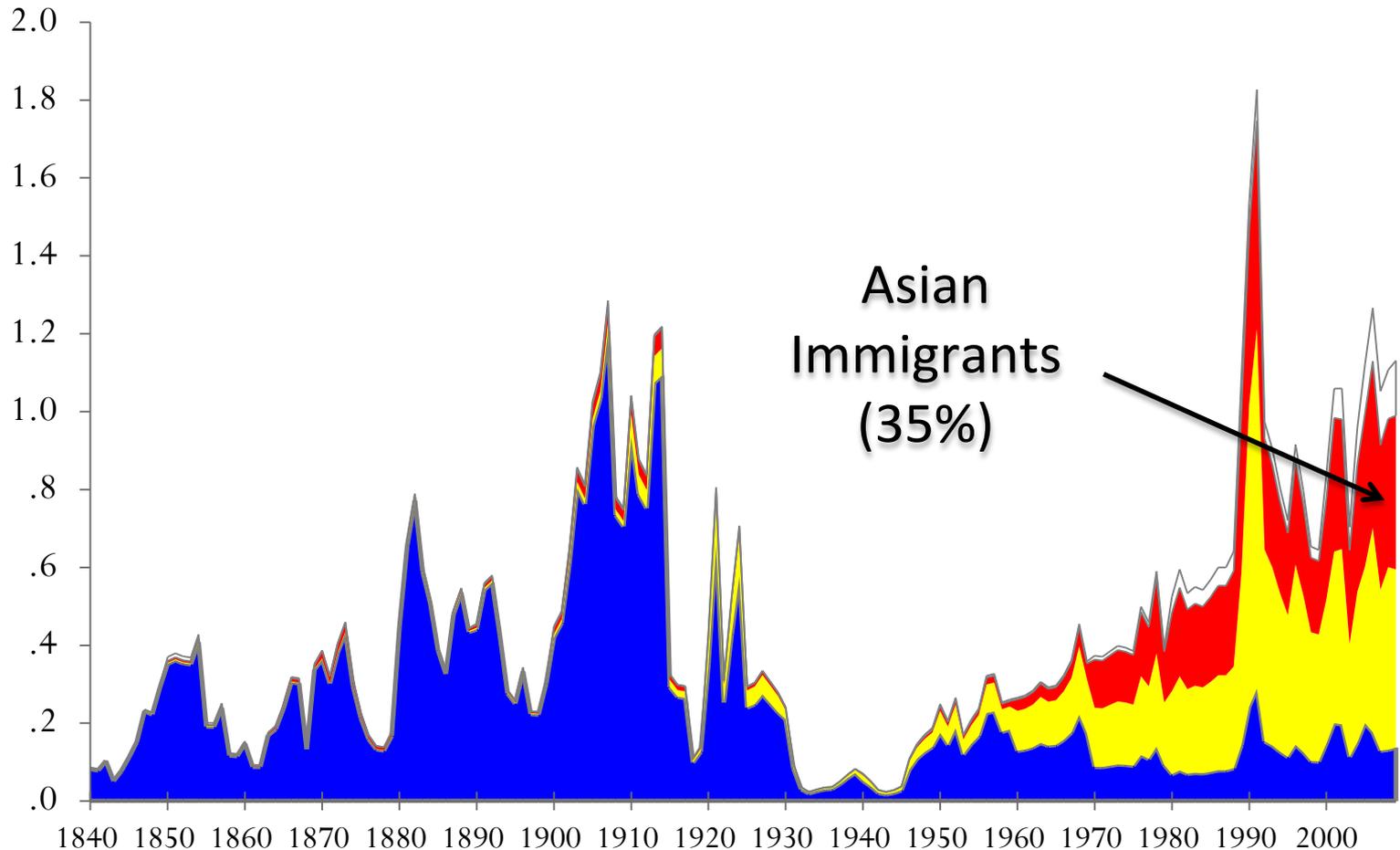
Immigration US Trends

Millions



Immigration US Trends

Millions



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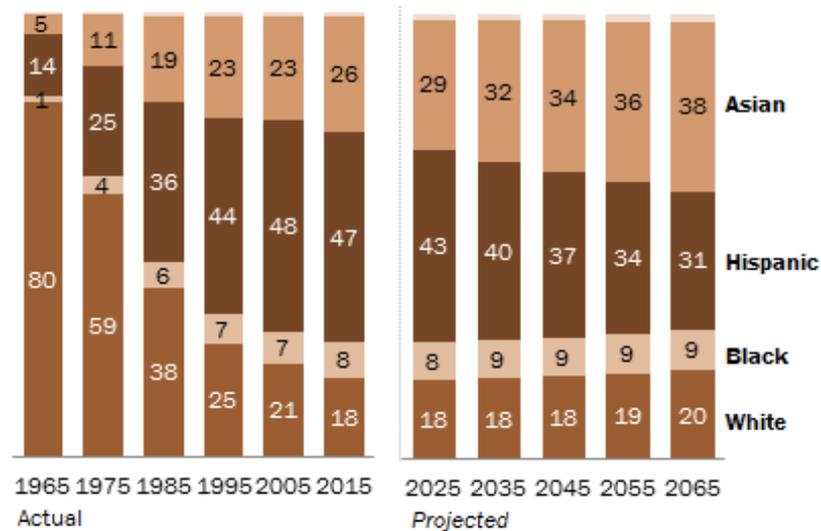
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Immigration

US Trends

Asians Projected to Become the Largest Immigrant Group, Surpassing Hispanics

% of immigrant population



Note: Whites, blacks and Asians include only single-race non-Hispanics. Asians include Pacific Islanders. Hispanics are of any race. Other races shown but not labeled.

Source: Pew Research Center estimates for 1965-2015 based on adjusted census data; Pew Research Center projections for 2025-2065

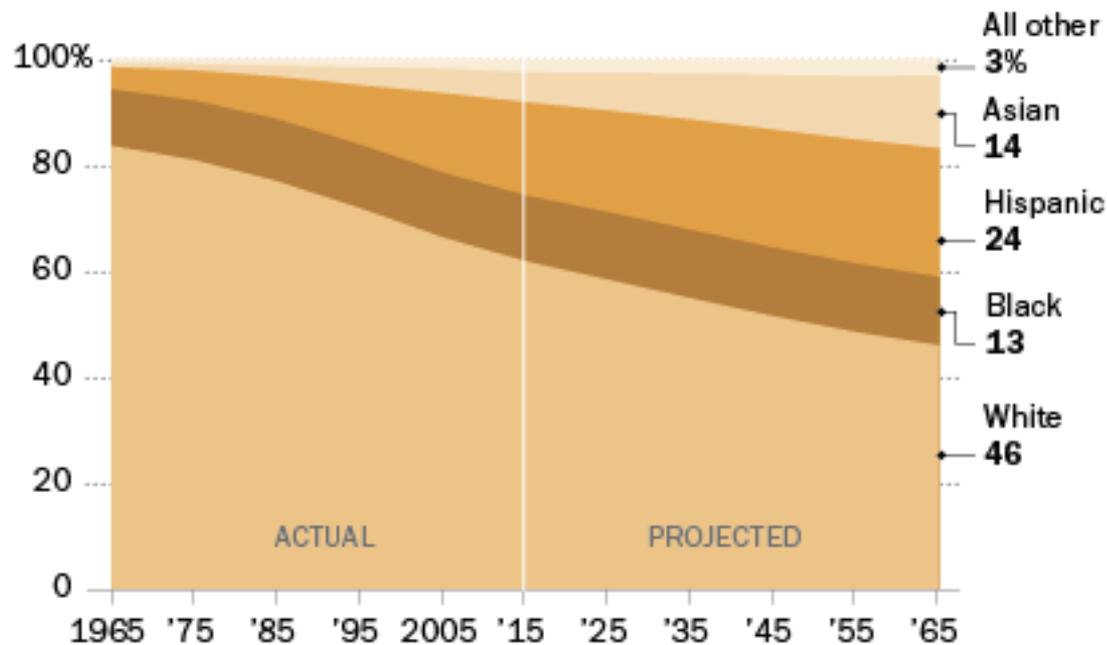
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Immigration

US Trends

The changing face of America, 1965–2065

% of the total population

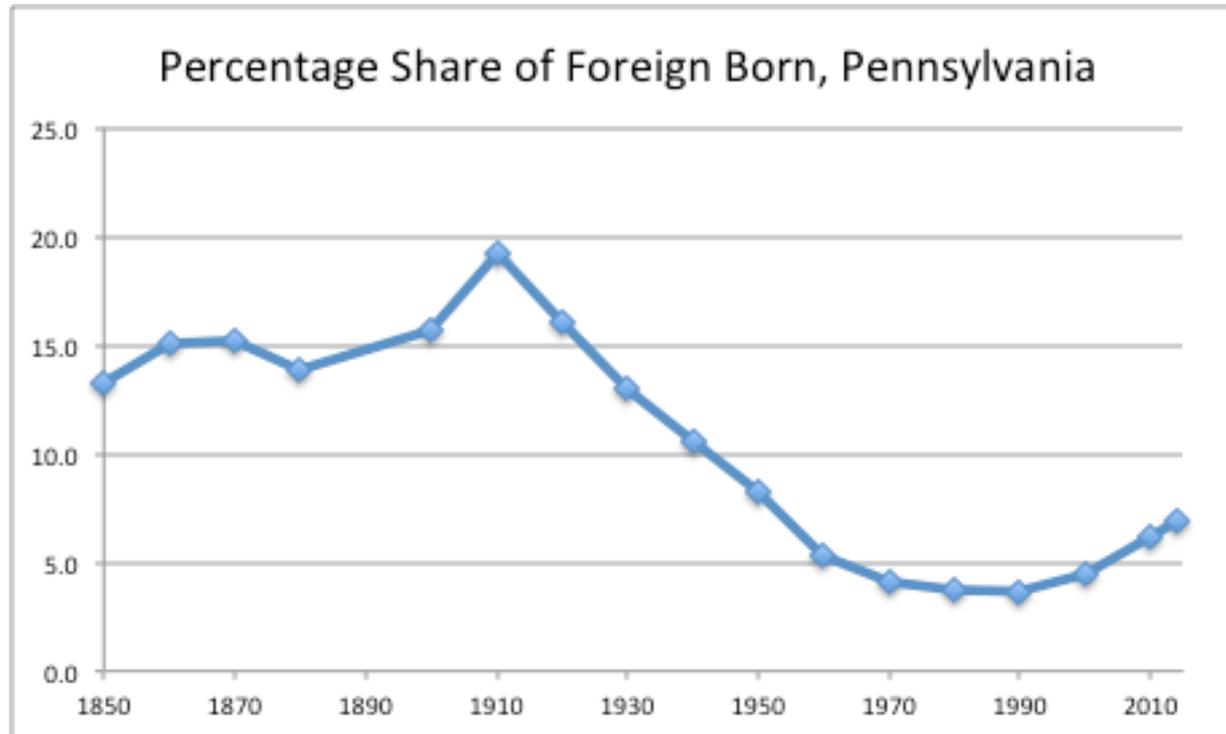


Note: Whites, blacks and Asians include only single-race non-Hispanics; Asians include Pacific Islanders. Hispanics can be of any race.

Source: Pew Research Center 2015 report, "Modern Immigration Wave Brings 59 Million to US, Driving Population Growth and Change Through 2065"

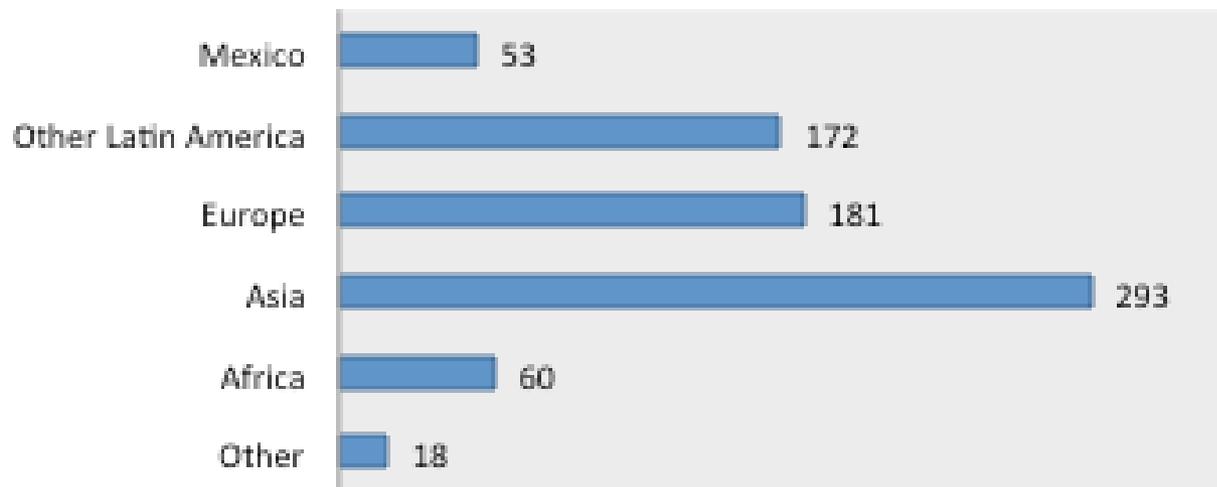
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Immigration Pennsylvania



Immigration Pennsylvania

Foreign-born Population in Pennsylvania (thousands), 2011-2013

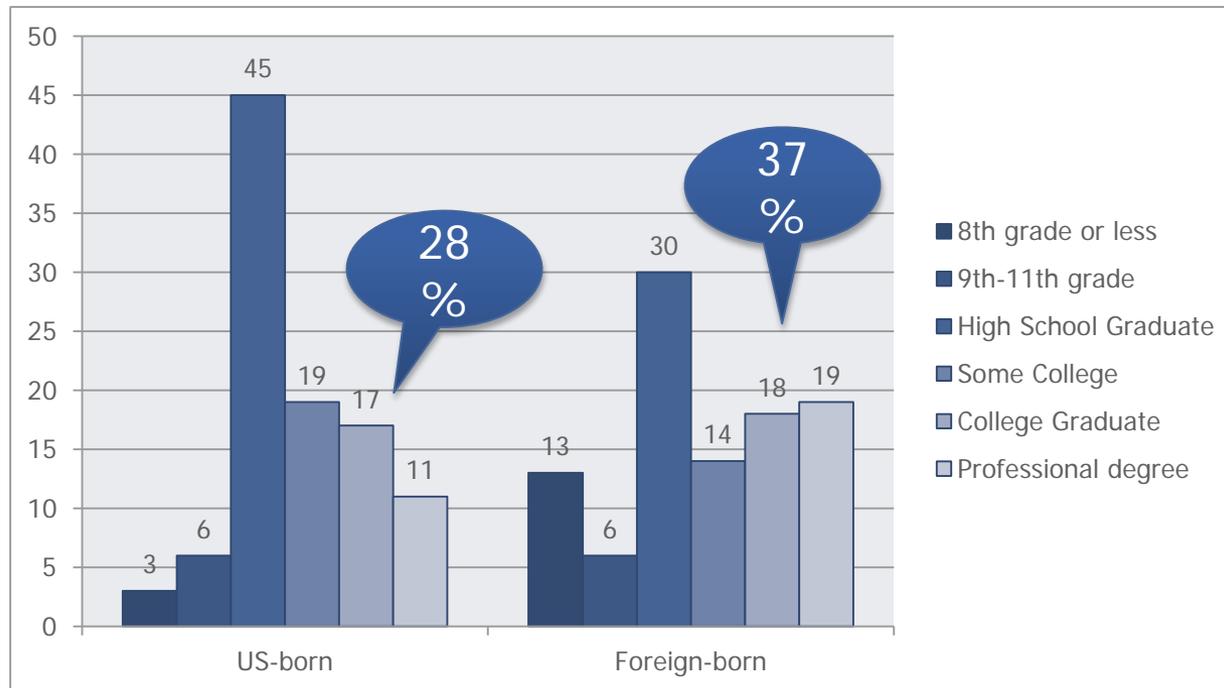


Immigration Pennsylvania

India



Immigration Pennsylvania



Without immigration, brain drain would be even five times greater

Can Immigration Offset Population Aging?

REPLACEMENT MIGRATION: IS IT A SOLUTION TO DECLINING AND AGEING POPULATION?

- If retirement ages remain essentially where they are today, increasing the size of the working-age population through international migration is the only option in the short to medium term to reduce declines in the potential support ratio.
- The levels of migration needed to offset population ageing (i.e., maintain potential support ratios) are extremely large, and in all cases entail vastly more immigration than occurred in the past.
- Maintaining potential support ratios at current levels through replacement migration alone seems out of reach, because of the extraordinarily large numbers of migrants that would be required.

Population decline and population ageing.

Focusing on these two striking and critical trends, the present study addresses the question of whether replacement migration is a solution to declining and ageing populations. Replacement migration refers to the international migration that would be needed to offset declines in the size of the population of working age, as well as to offset the overall ageing of a population.

Can Immigration Offset Population Aging?

Only Temporarily

(immigrants get old too)

But immigrants can potentially help us manage population aging

- Slows down population decline
- Offers a flexible labor force
- Offsets brain drain

QUESTIONS?

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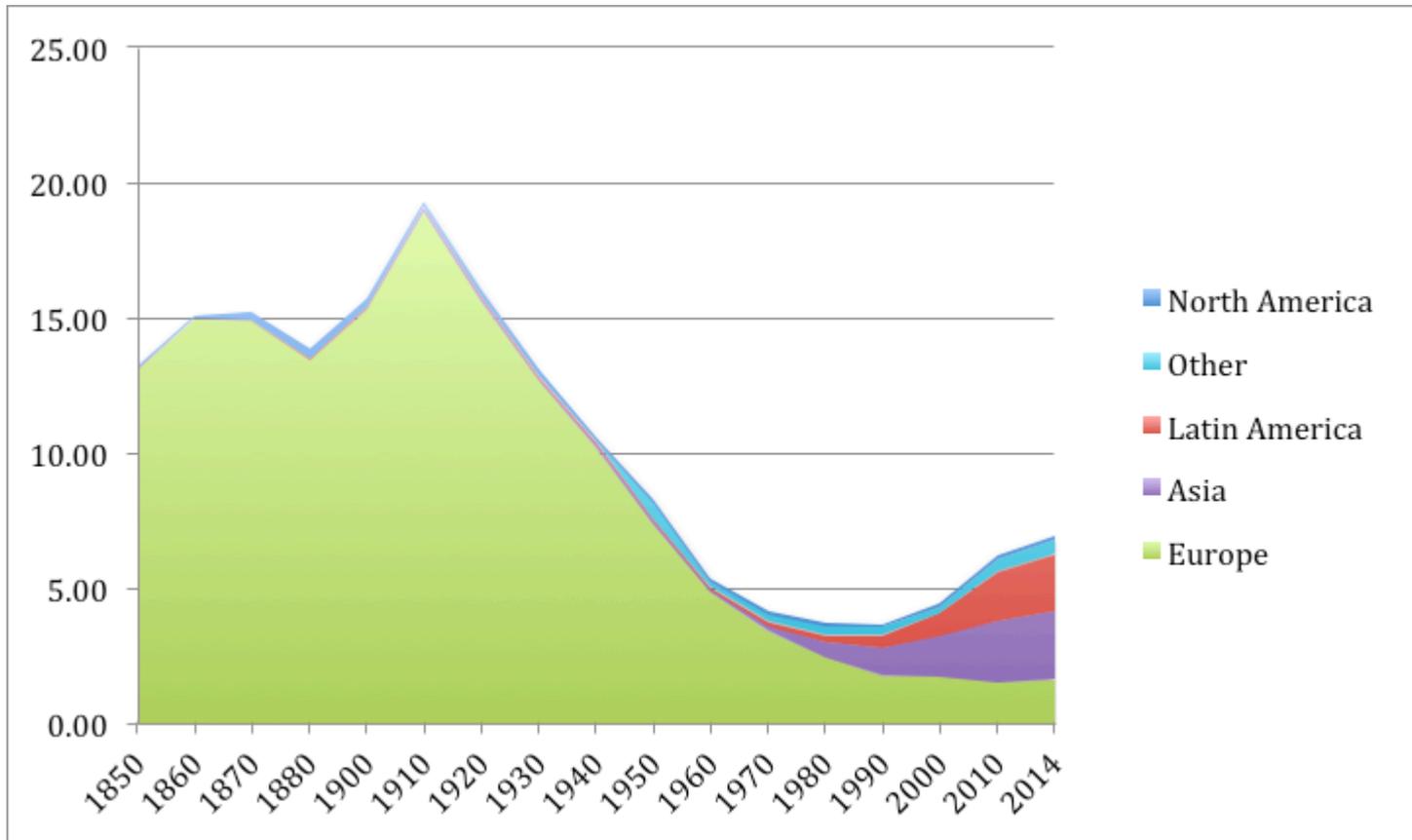


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Extra Slides

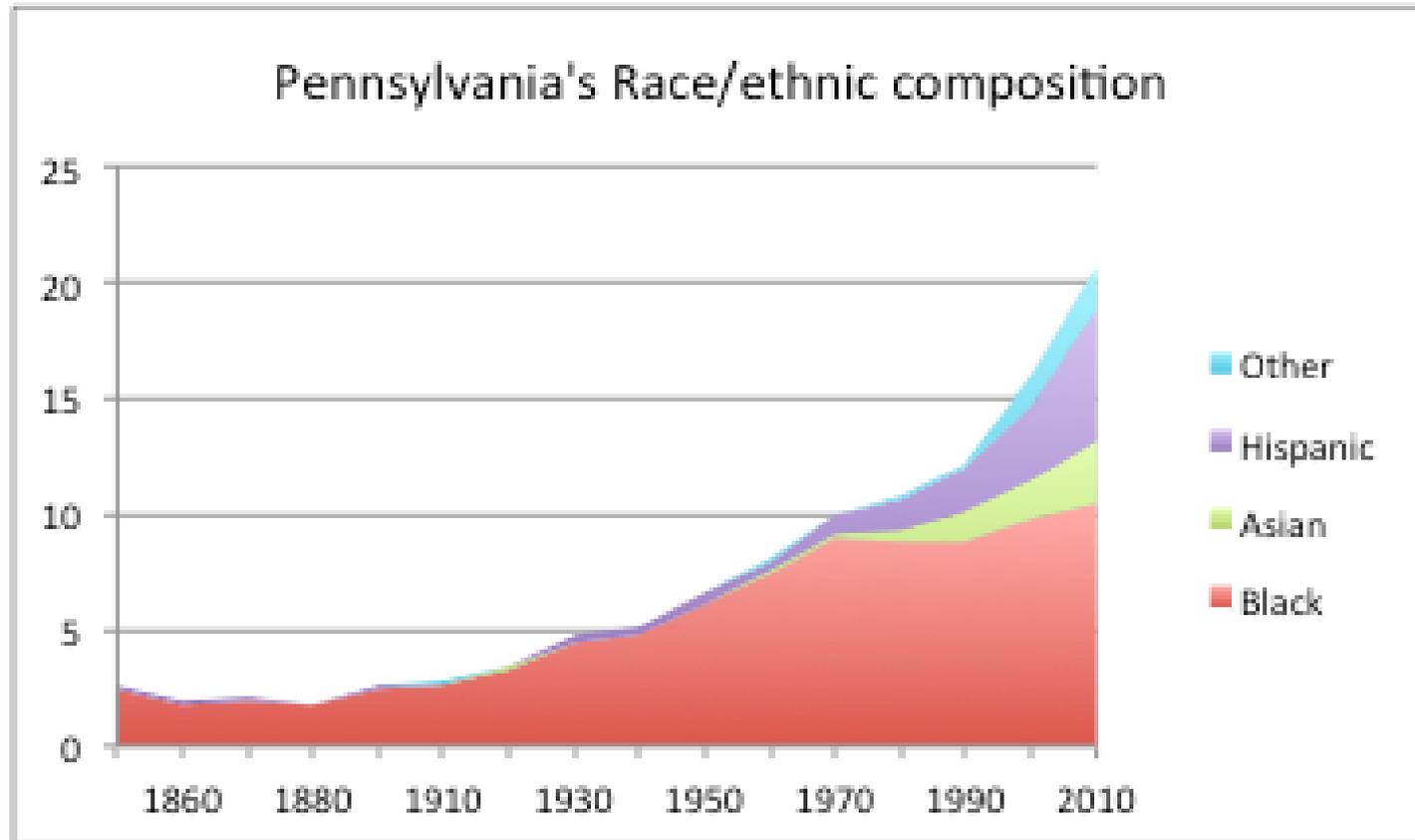
Population Diversity

Immigrants in Pennsylvania



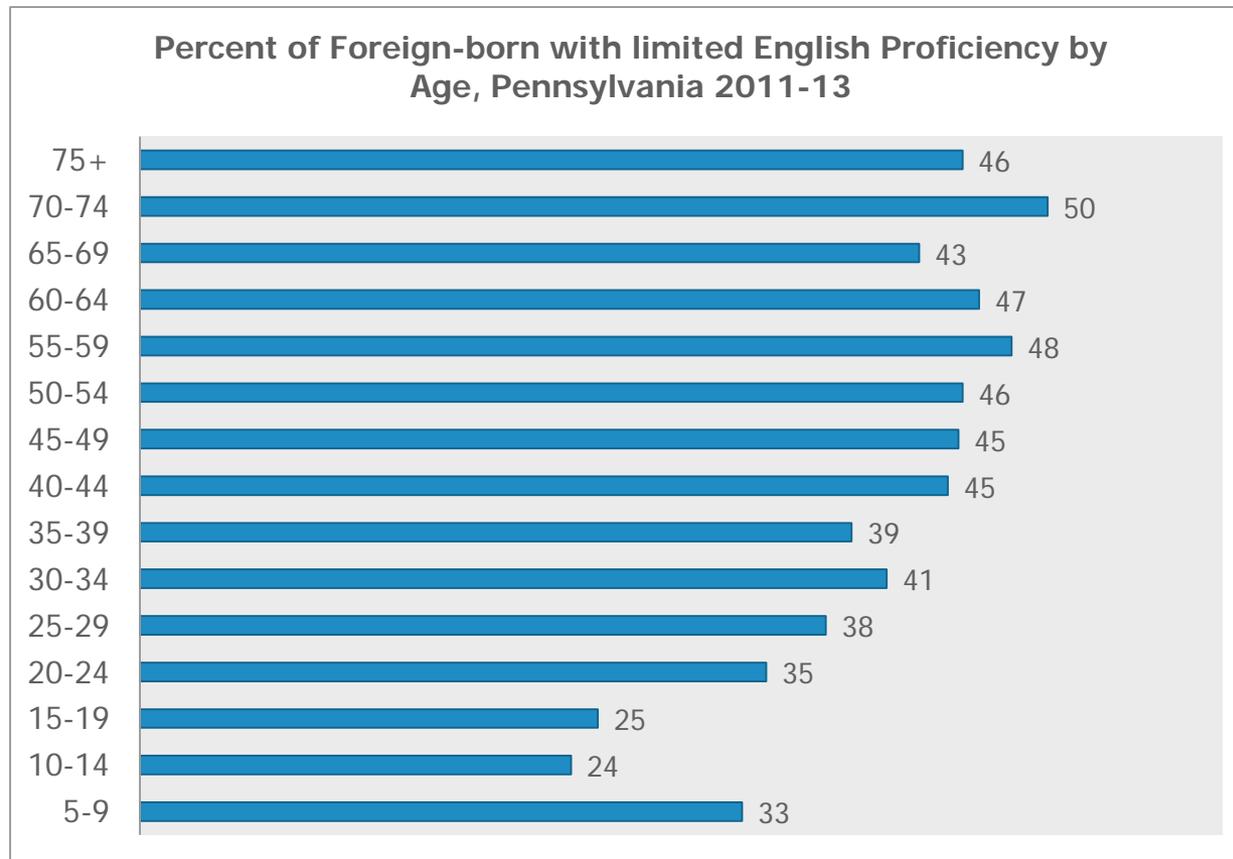
Population Diversity

Pennsylvania Trends



Population Diversity

Immigrants in Pennsylvania



Population Diversity

Immigrants in Pennsylvania

