

Utah's Demographic Transformation: Implications for Education and Workforce

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Overview

- Utah context
 - Intermountain growth region
 - High fertility, large household sizes
 - Birth cycles: Utah vs. U.S.
- Aging of the population
 - Implications for Utah's population and labor force
- Migration patterns ↔ Economic Cycles
 - Implications for the cultural, ethnic, and linguistic diversity
 - Characteristics of migrants
- Utah of yesterday is not the Utah of tomorrow

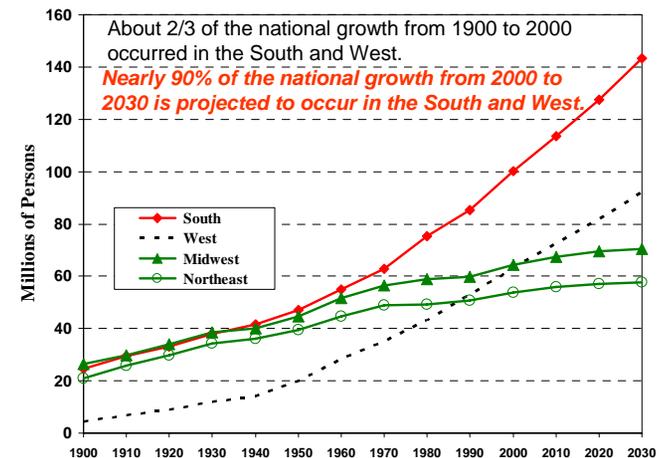
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Utah's Demographic Transformation

- Classic (stereotypic) Utah demographics:
 - White, large families, young
 - Culturally and linguistically homogeneous
- Two trends transforming Utah:
 - Record numbers of immigrants coming to Utah
 - Post WWII Baby Boom retirees aging and moving to Utah
- Utah is becoming:
 - Much more culturally, ethnically, and linguistically diverse
 - Older
- The changes:
 - On-going
 - National / International in source
 - Permanent
- Utah is forever changed

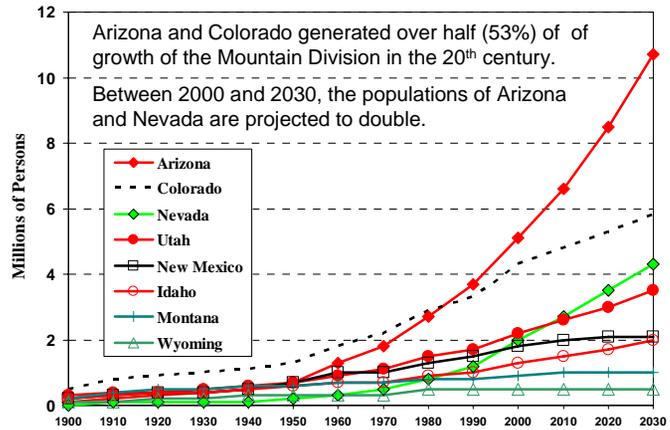
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U.S. Population by Region: 1900-2030



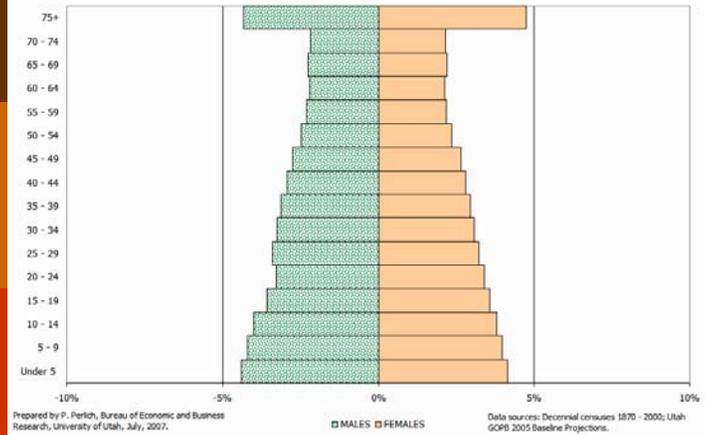
Source: U.S. Bureau of the Census 1995; 2000; 2005.

Population in the Intermountain West: 1900 - 2030



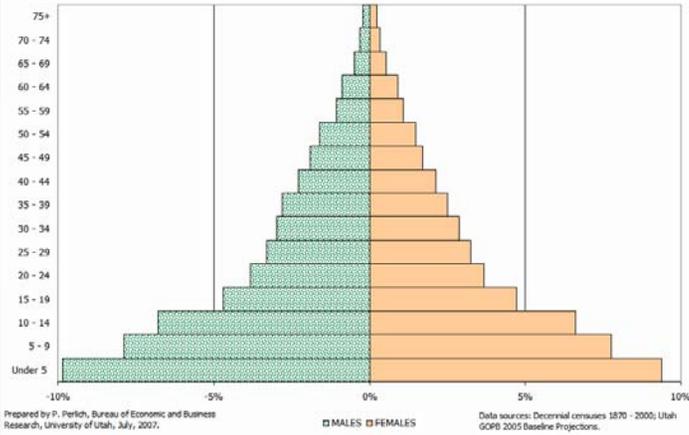
Source: U.S. Bureau of the Census 1995; 2000; 2005.

Utah Age Structure: 2050



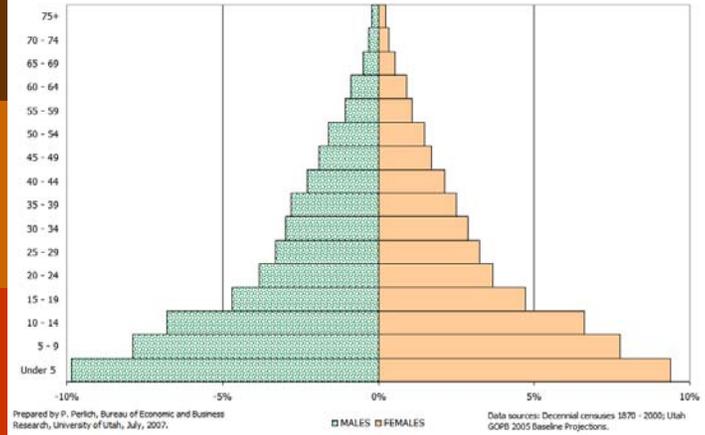
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Utah Age Structure: 1870



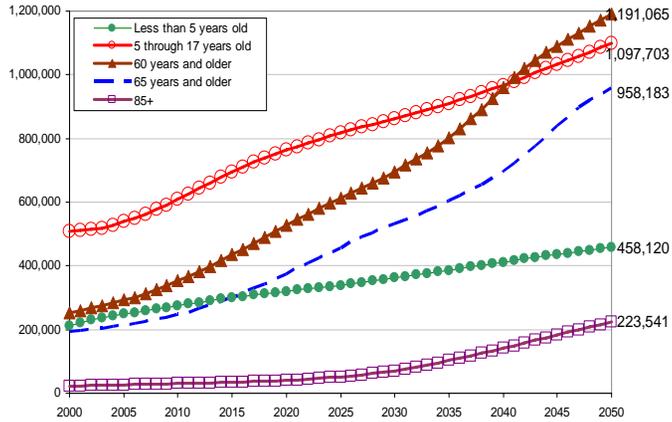
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Utah Age Structure: 1870



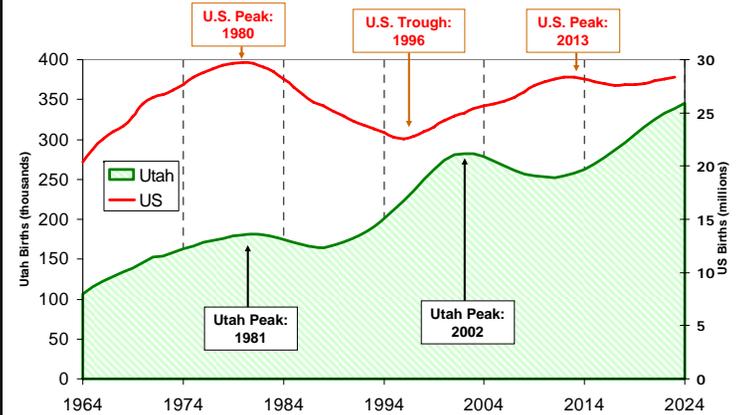
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Selected Age Group Projections for State of Utah: School Age, 60 and Over, and 65 and Older



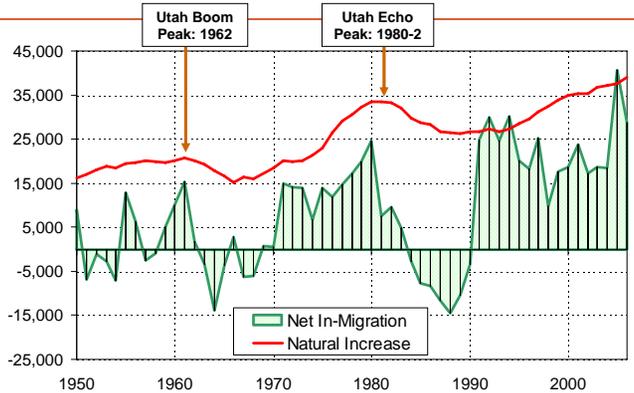
Sources: Utah Governor's Office of Planning and Budget, 2005 Baseline Projections. BEBR, U of U

Utah & U.S. Annual Births: 18-24 Years Prior



Source: BEBR analysis of data from the Utah Population Estimates Committee and the National Center for Health Statistics.

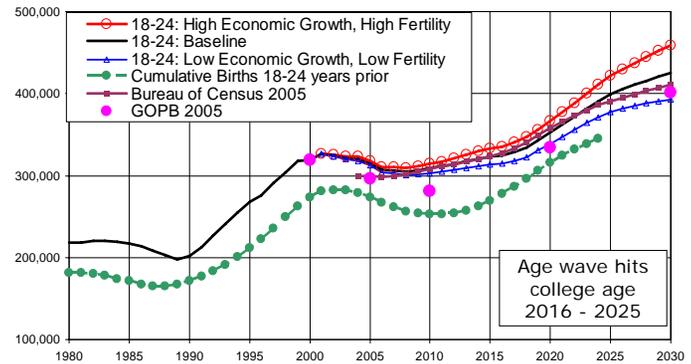
Utah: Components of Population Change



Sources: Utah Population Estimates Committee, revised 12/2006.

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Utah Population 18-24 Years Old: Historical & Projected



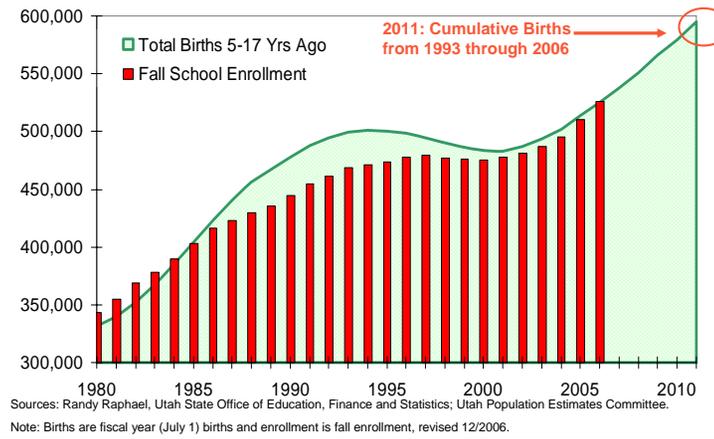
Source: Perlich and Reeve, "The Coming Boom in Utah's School Age and College Age Populations," *Utah Economic and Business Review*, 2002. BEBR analysis of data from the Utah Population Estimates Committee.

Utah's Current Labor Shortage: Causes

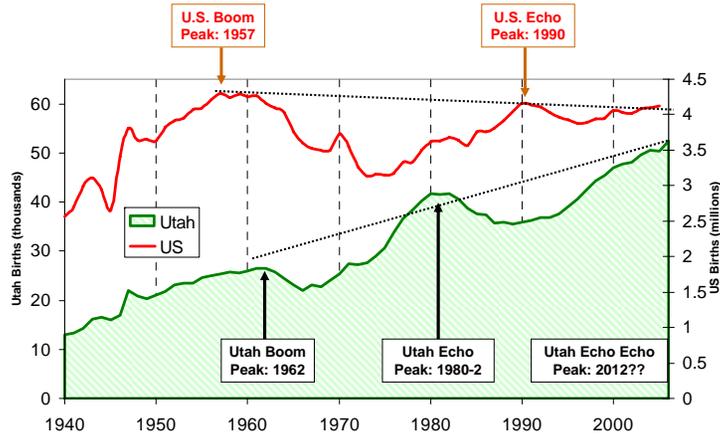
- ❑ Flat 18 to 24 year old population for a decade
- ❑ Beginning of the post WWII Baby Boom retirement
- ❑ Creating 50 to 60 thousand jobs per year
- ❑ High demand for labor
 - Low unemployment rate
 - In-migration to the state
 - ❑ Much is international in origin
 - ❑ Much ethnic, linguistic, and cultural diversity
 - Characteristics of in-migrants changes the characteristics of Utah's population and labor force

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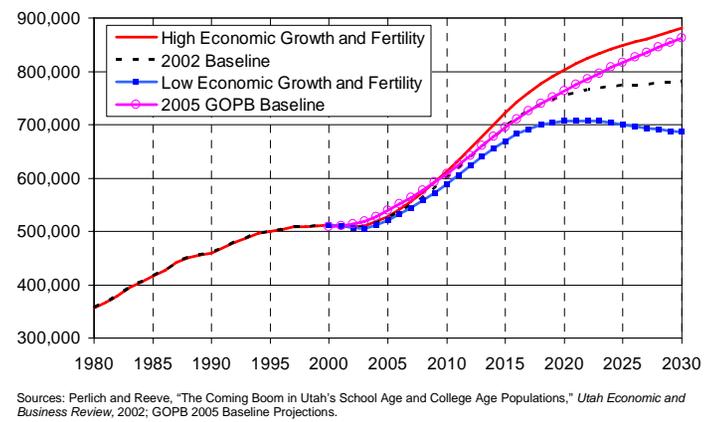
Utah Fall School Enrollment & Births 5-17 Years Prior



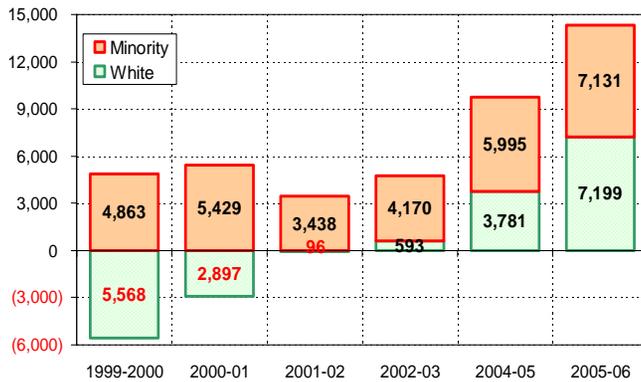
Utah and U.S. Annual Births: 1940-2006



Utah School Age Population: Historical & Projected



Annual Increments in Utah Fall Enrollment: White and Minority Populations



Sources: Randy Raphael, Utah State Office of Education, Finance and Statistics, 12/2006.

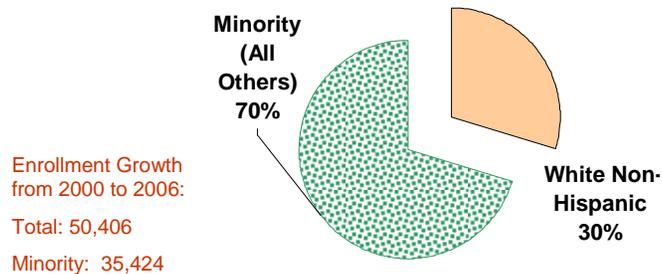
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Immigration to Utah: 1990s - Present

- Immigrants have moved beyond the traditional gateway states (NY, NJ, IL, FL, TX, CA) to new areas of the U.S.
- Utah has emerged as a gateway for immigrants.
- Much of the population growth of Utah especially since the mid 1990s has come from immigration.
 - Coming from all regions – very diverse
 - Mostly from Latin America, especially Mexico
- This ongoing cultural and demographic transformation marks a new era of diversity for Utah.

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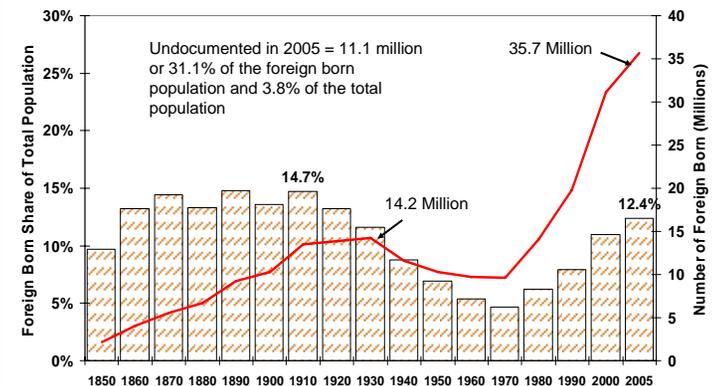
Utah School Enrollment Increase: 2000 -2006



Source: Randy Raphael, Utah State Office of Education, Finance and Statistics.

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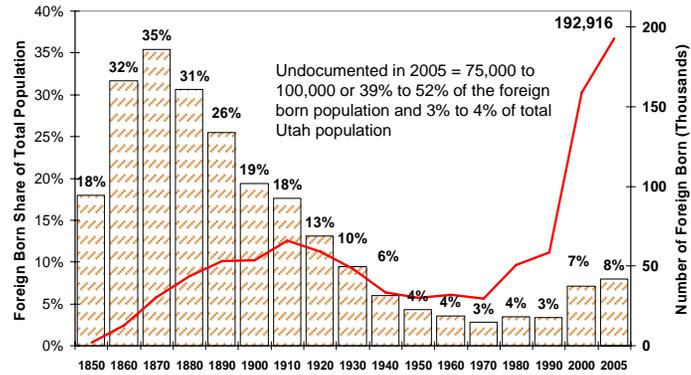
U.S. Foreign Born Population: 1850 – 2005



Sources: Bureau of the Census (decennial Censuses and 2005 American Community Survey), Pew Hispanic Center, BEBR Calculations.

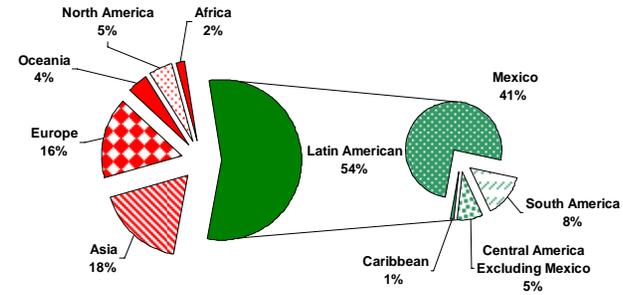
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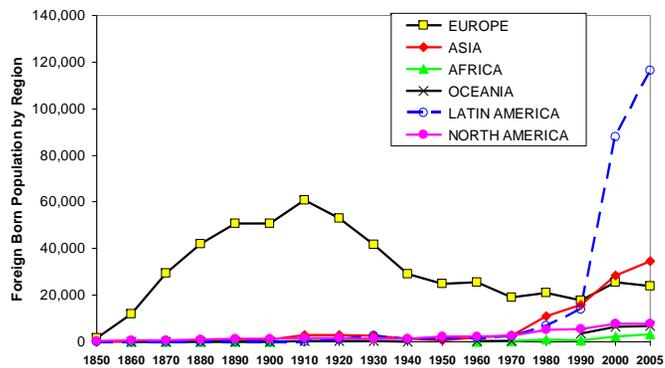
Source Regions of Utah's Foreign Born Population (2000)



Source: U.S. Bureau of the Census, Census 2000, Summary File 3.

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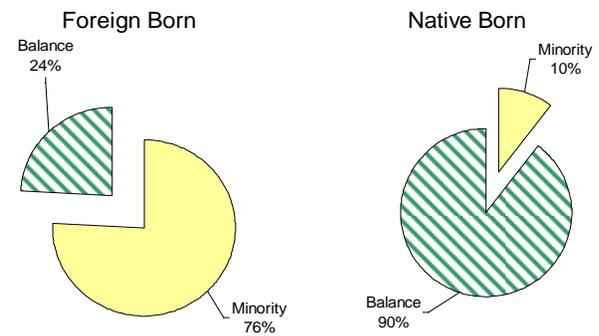
Source Regions of Utah's Foreign Born Population



Source: Bureau of the Census (decennial censuses, 2005 ACS), Jensen (1994), BEBR calculations.

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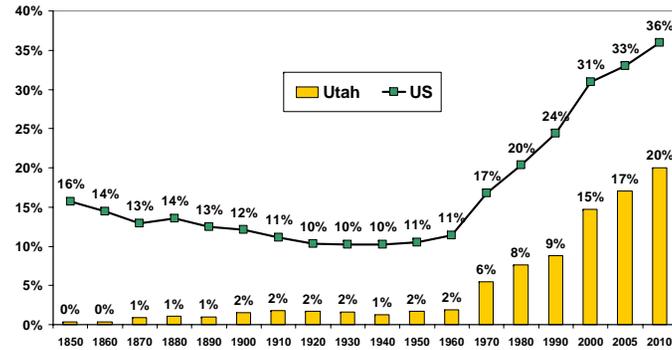
Nativity by Minority Status: Utah - 2000



Source: Bureau of the Census, 5% PUMS, Census 2000.

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Minority Share of the Population: Utah and US

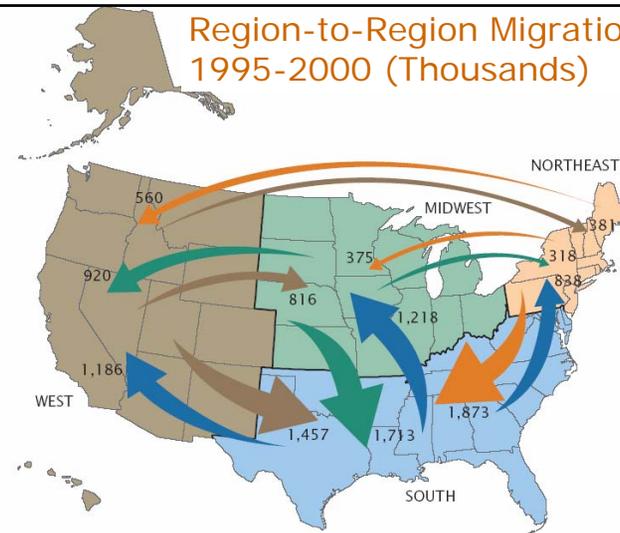


Sources: Bureau of the Census, Gibson and Jung (2002), Perlich (2002)

Note: Prior to 1970, minority is non-White. For 1970 and beyond, minority is non-White (may be Hispanic or non-Hispanic) plus Hispanic (may be of any race).

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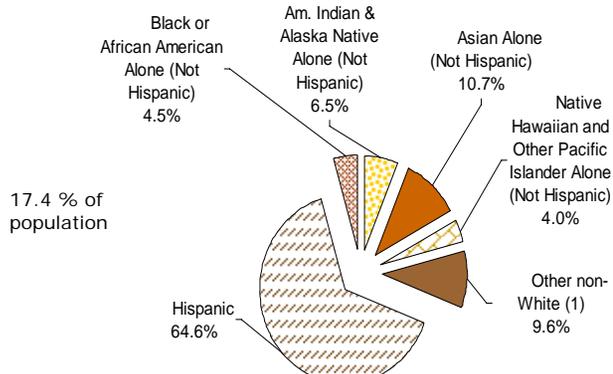
Region-to-Region Migration: 1995-2000 (Thousands)



Source: U.S. Census Bureau, Census 2000 Summary File 3.

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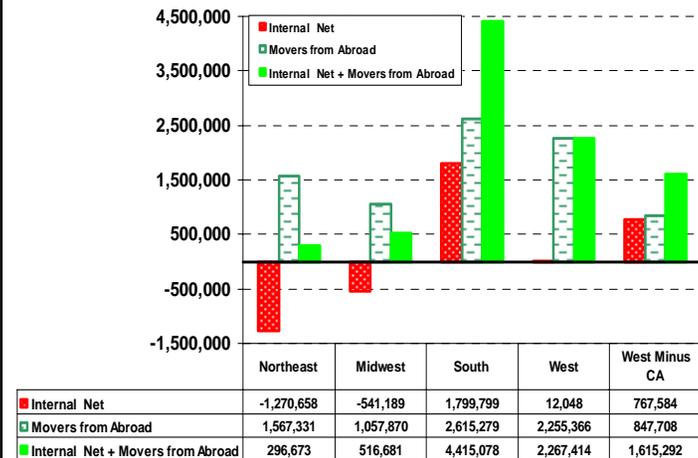
Utah's Minority Population: 2006



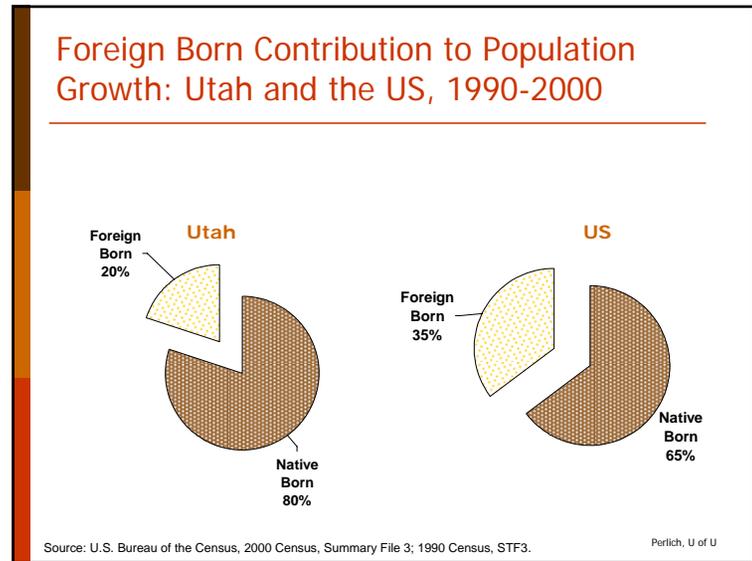
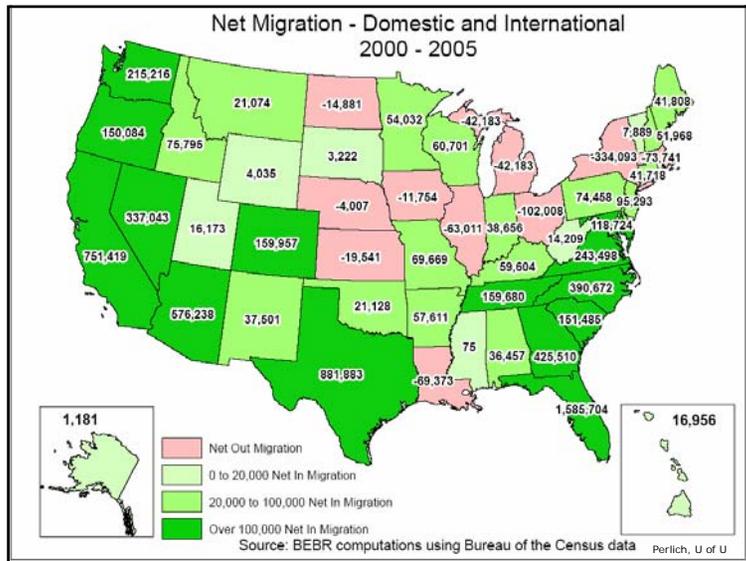
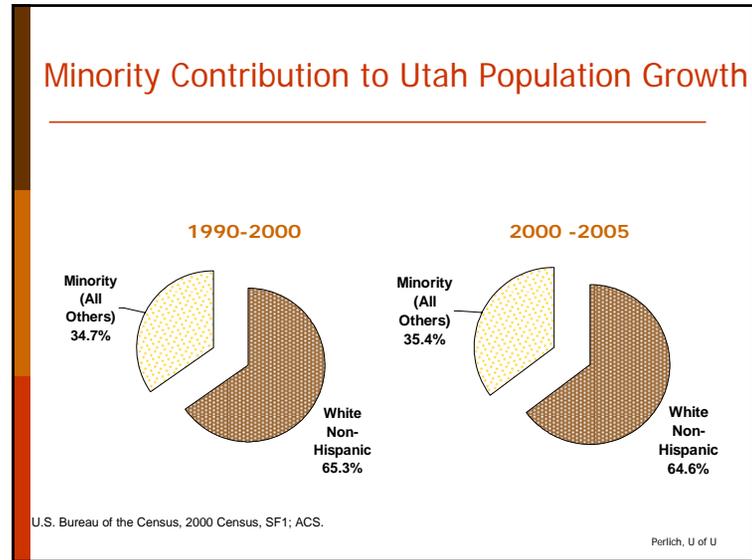
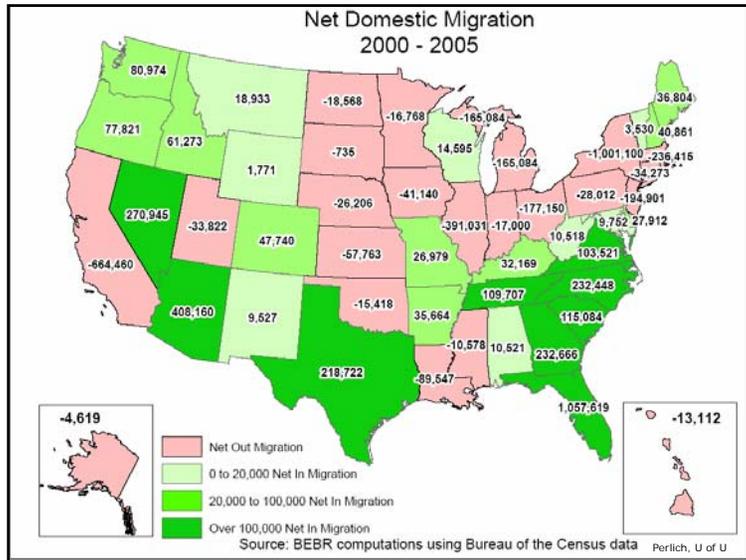
Note: Other non-White includes two or more races and Some Other Race, both not Hispanic (Source: BEBR Analysis of Bureau of Census and Utah Population Estimates data.

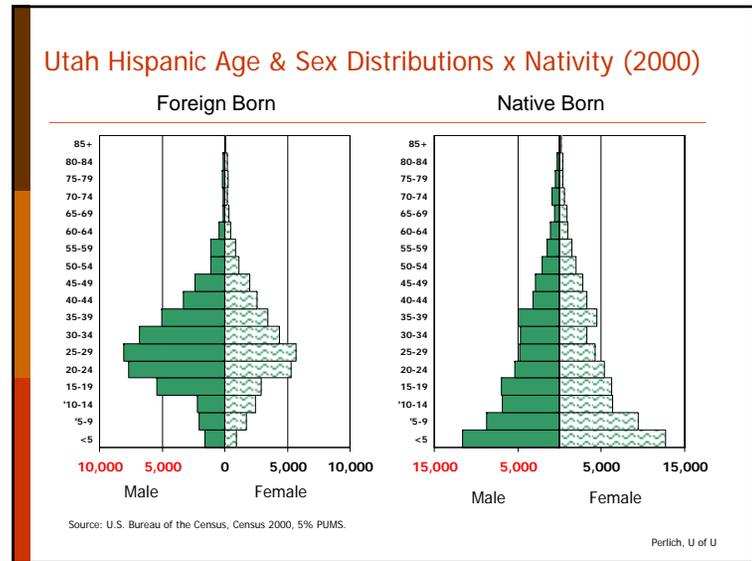
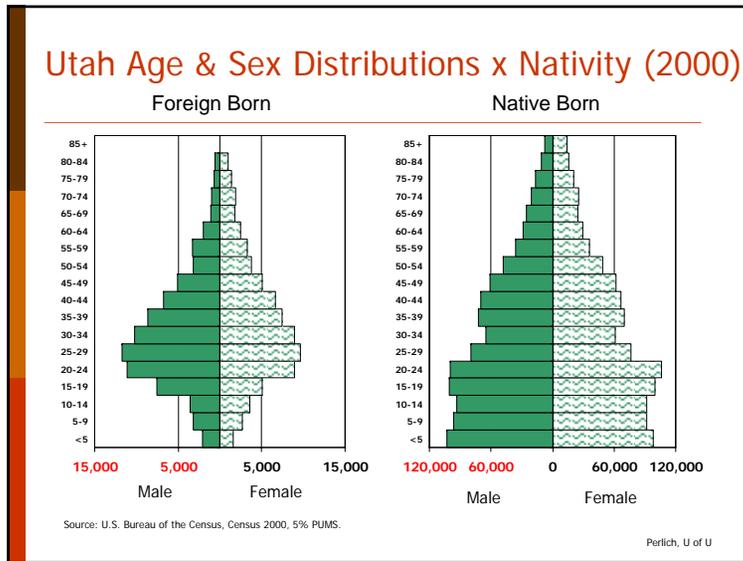
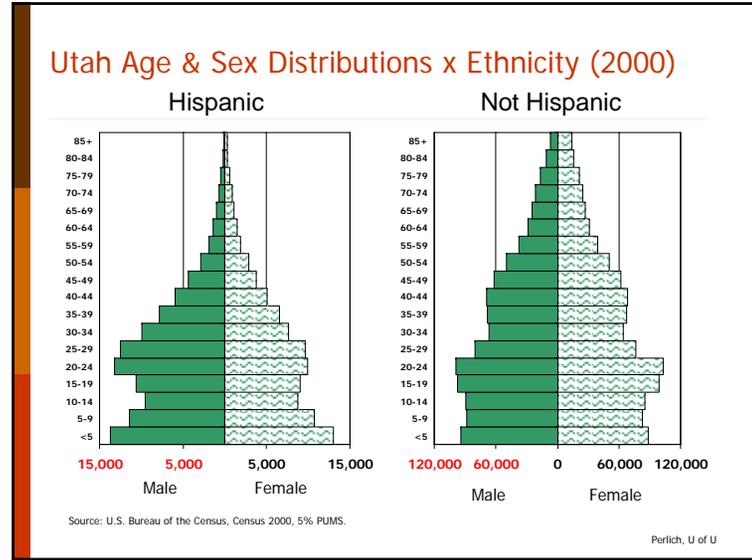
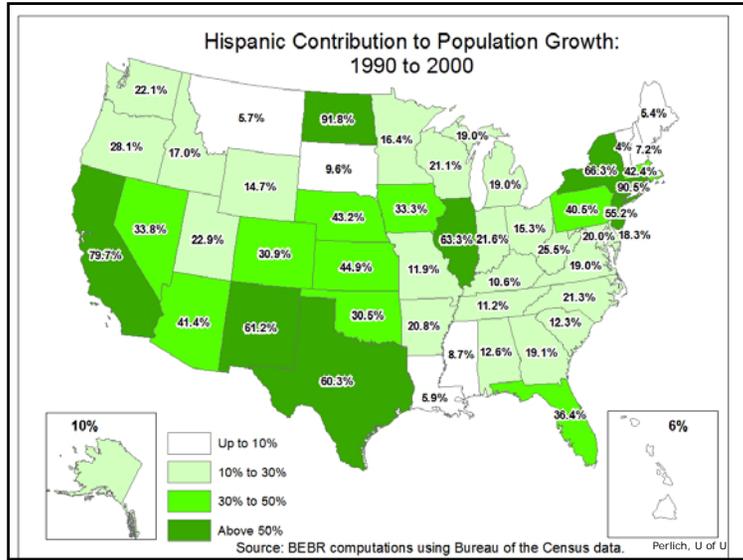
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Net Domestic Migration and Movers from Abroad: Population Over 5 Years Old - 1995 to 2000



Source: Berker and Faber 2003.





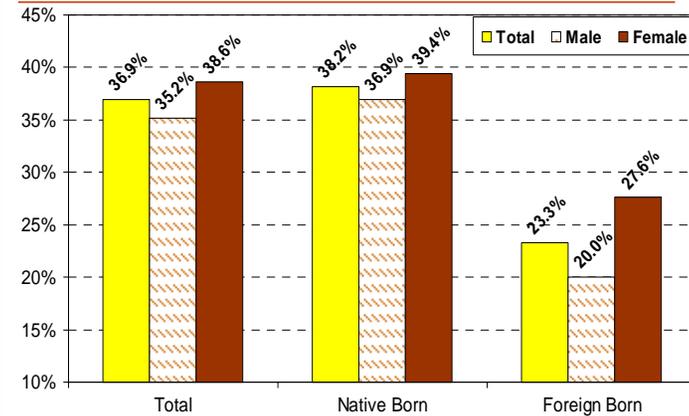
Top Occupations of Utah's Foreign Born

Assemblers & Fabricators	Laborers / Material Movers,
Cooks	Retail Salespersons
Maids, Housekeeping	Customer Service Rep.
Construction Laborers	Waiters and Waitresses
Janitors	Truck Drivers
Production Workers	Carpenters
Cashiers	Postsecondary Teachers
Grounds Maintenance Workers	Misc. Agricultural Workers

Source: U.S. Bureau of the Census, Census 2000, 5% PUMS.

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Utah Share of 18 - 24 Year Olds Attending College by Sex and Nativity (2000)



Source: Bureau of Economic and Business Research - Analysis of Census 2000, 5% PUMS

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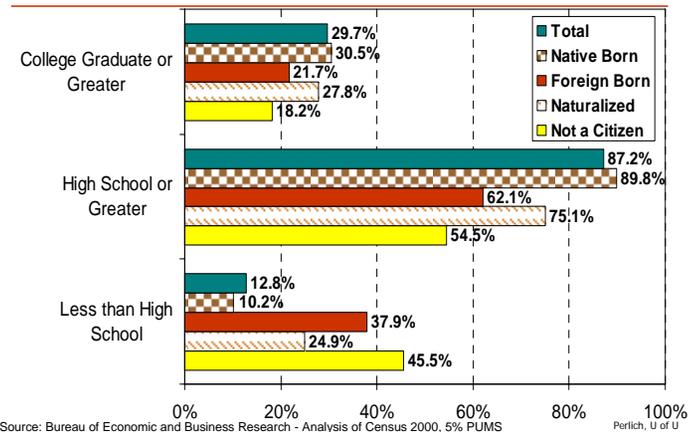
Top Occupations Concentration Ratios of Utah's Foreign Born

Medical Scientists	Maids and Housekeepers
Packaging Machine Operators	Fence Erectors
Plasterers & Stucco Masons	Sewing Machine Operators
Chefs and Head Cooks	Misc. Assemblers
Misc. Media Workers	Woodworking Mach. Ops.
Grinding, etc. Machine Ops.	Astronomers & Physicists
Dishwashers	Drywall Installers
Baggage Porters	Dancers & Choreographers

Source: U.S. Bureau of the Census, Census 2000, 5% PUMS.

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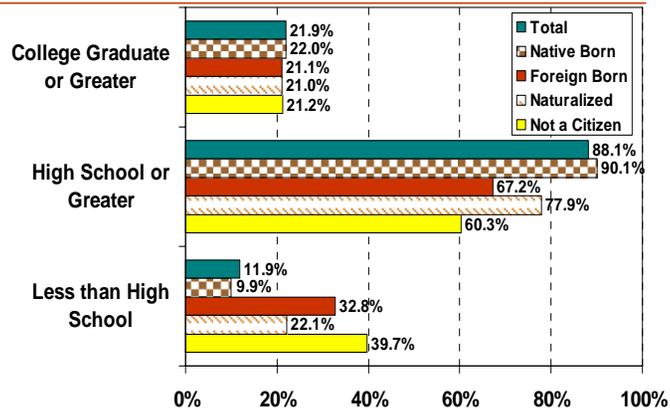
Utah Educational Attainment by Nativity: Males 25 Years and Older (2000)



Source: Bureau of Economic and Business Research - Analysis of Census 2000, 5% PUMS

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Utah Educational Attainment by Nativity: Females 25 Years and Older (2000)



Source: Bureau of Economic and Business Research - Analysis of Census 2000, 5% PUMS

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Utah is Forever Changed

- Utah is in the midst of a cultural, economic, and demographic transformation
- Labor market conditions (labor demand exceeds labor supply) continue to bring people to Utah
- Immigrants are a major part of the story
- Educational attainment and occupational distributions among immigrants are concentrated in the high and low ends.
- Implications for:
 - Public sector programs / services
 - Economic growth / development
- Utah has begun a new era of diversity, with new challenges and opportunities.

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