



# WHY GEOGRAPHY Matters in New Hampshire

## 1. Natural & Technological Hazards:

- ◆ Natural: Flooding hazards along the Connecticut River & Merrimack River
- ◆ Technological:
  - Air pollution: New Hampshire's PSNH (Public Service of New Hampshire) is New England's top toxic polluter. PSNH has a coal-fired power plant in Bow, NH named Merrimack Station which released 2.8 million pounds of toxic chemicals in 2010.

## 2. Technology & the Internet: GIS & GPS:

- ◆ New Hampshire's GRANIT offers an assortment of Geospatial Services such as:
  - Spatial Analysis
  - Online Mapping
  - Cartography
  - Application Development
  - Data Development/  
Distribution

According to the Department of Labor, The *Ten-Year Industry Forecast* for the remote sensing industry concludes that an estimated 175,000 people are employed in the U.S. remote sensing and spatial information industry. Growth in the remote sensing industry is expected to be approximately 9% annually over the next few years.

## 3. Climate Change:

- ◆ NH established a Climate Change Policy Task Force in 2009 to address the issue of Climate Change in our state.
- ◆ Mount Washington has rising temperatures and less frequent snowfall.
- ◆ Maple Tree productivity is diminishing due to warmer temperatures.

## 4. Transportation:

- ◆ New Hampshire has 3 major Interstate systems:
  - I89 and I93 and major state highways converge in Concord, while I95 connects NH to Massachusetts and Maine.
- ◆ Airports:
  - Manchester-Boston Regional Airport
  - Pease Airport
- ◆ Seaports:
  - Portsmouth, NH—our short coast-line ensures global access and trade by ship.
- ◆ Railroads:
  - Conway Scenic Rail Road—once a cargo route is now a tourist destination.





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### 5. Energy:

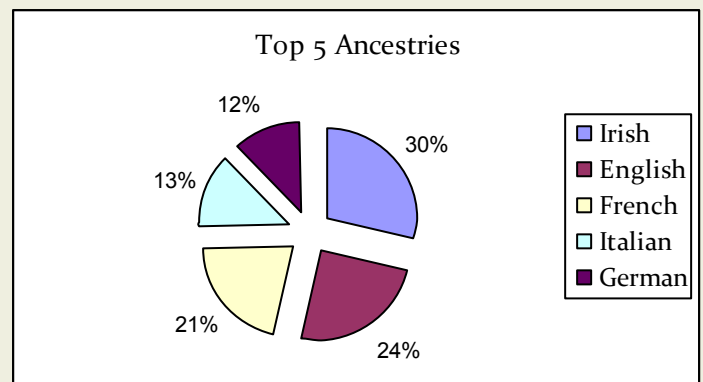
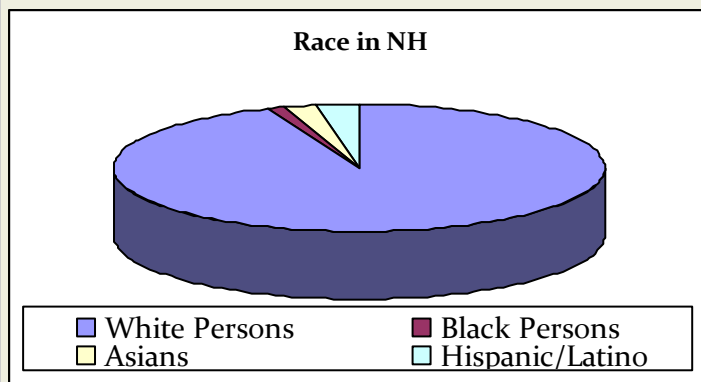
- ◆ Seabrook Nuclear Power Plant is New England's largest single nuclear reactor.
- ◆ NH Consumes more than 31 million barrels of oil per year.
- ◆ More than 50% of NH residents use oil to support the need for winter heating.

### 6. Globalization

- ◆ TomTom, the world's leading provider of in-car and navigation products and services, opened an office in Lebanon. TomTom is headquartered in Amsterdam and has over 3500 employees in 40 countries.

### 7. Cultural Diversity

- ◆ New Hampshire's population has a significantly higher rate of White Persons throughout the state compared to the nation's average. Even though White is the dominant race, the state has a varied ancestry. Below are two figures that show the race percentage throughout the state as well as the top 5 ancestries of the state's population.



### 8. Business, Industry, and Social Services

- ◆ Social Services: Obesity risk factors in NH have indicated that 71% of 6-17 year olds get an inadequate amount of physical activity. Why not incorporate a field activity using NHGA GPS units into your classroom?

### 9. Employment-Business, Industry and Government

- ◆ Business/Industry: A semi-finalist in the Business NH 'Top 10 Company to Watch'-Geophysical Survey Systems located in Salem, creates systems used to explore the subsurface of the earth and nondestructively inspect infrastructure systems.
- ◆ Government: Charlie Bass former NH State Congressman, spearheaded a letter signed by 150 members on both sides of the aisle to preserve sufficient funding for the Land and Water Conservation Fund. LWCF supports our nation's natural resources, increases access to outdoor recreation and supports our economy and job creation in the recreation and tourism industries.