Where I am going...

- Academic Perspective:
  - Courses
  - Students
  - Grants, Research and Papers

- Policy Perspective
  - Issue Briefs
  - Estimates
  - Issues Identification
Academics
Course Preparation

• Introduction to Health Care System
• Health Economics
• Health Policy
• Statistics
• Health Behavior/Psychology
• Pharmacy Administration
• Epidemiology
Academics Course Preparation

• Why?
  – Saves time!!
  – Love excel links and charts
  – Trends
  – Issues
  – examples
Personal health care expenditures, 2007
Expenditures: $1.9 trillion

Source of funds
- Private health insurance (36%)
- Medicare (22%)
- Medicaid (state) (7%)
- Medicaid (federal) (9%)
- Other state/local (3%)
- Other federal (4%)
- Other private (4%)
- Out-of-pocket (14%)

Type of expenditures
- Hospital (37%)
- Physician and clinical services (26%)
- Prescription drugs (12%)
- Nursing home (7%)
- Dental (5%)
- Home health (3%)
- Other (10%)

Public (45%) Private (55%)

SOURCE: CDC/NCHS, Health, United States, 2009, Figure 21. Data from the Centers for Medicare & Medicaid Services.
Life expectancy

Life expectancy at birth

Life expectancy at 65 years

Year


Life expectancy in years

White female

Black female

White male

Black male

Black female

White female

White male

Black male

SOURCES: CDC/NCHS. Health, United States, 2008, Figure 14. Data from the National Vital Statistics System.
Academics
Student Projects

- Thesis ideas and preparation
- Discussion modules
- Statistics
- Leadership – develop a health care system
Academics
Grant
Preparation/Papers/Research

- Basic statistics
- Overview of issue
- Potential areas of research
Overweight and obesity

Overweight including obese, 20–74 years

Overweight but not obese, 20–74 years

Obese, 20–74 years

Overweight, 2–5 years

Overweight, 6–11 years

Overweight, 12–19 years

Year

SOURCE: CDC/NCHS, Health, United States, 2009, Figure 7. Data from the National Health Examination Survey and the National Health and Nutrition Examination Survey.
Respondent-reported conditions among adults age 45–64, 2007

<table>
<thead>
<tr>
<th>Percent of poverty level</th>
<th>Hypertension</th>
<th>Diabetes</th>
<th>Serious heart conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Below 100%</td>
<td>46</td>
<td>19</td>
<td>12</td>
</tr>
<tr>
<td>100%–less than 200%</td>
<td>38</td>
<td>16</td>
<td>10</td>
</tr>
<tr>
<td>200% or more</td>
<td>30</td>
<td>9</td>
<td>6</td>
</tr>
</tbody>
</table>

SOURCE: CDC/NCHS, Health, United States, 2009, Figure 10. Data from the National Health Interview Survey.
Policy

- Issue Briefs – background
- Estimation
- Potential Issues
Living veterans

<table>
<thead>
<tr>
<th>Year</th>
<th>Service-connected disability (SCD)</th>
<th>No SCD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1970</td>
<td>2.1</td>
<td>25.6</td>
</tr>
<tr>
<td>1980</td>
<td>2.3</td>
<td>27.8</td>
</tr>
<tr>
<td>1990</td>
<td>2.2</td>
<td>25.3</td>
</tr>
<tr>
<td>2000</td>
<td>2.3</td>
<td>24.1</td>
</tr>
<tr>
<td>2007</td>
<td>2.8</td>
<td>21.0</td>
</tr>
</tbody>
</table>

Number in millions

SOURCE: CDC/NCHS, Health, United States, 2009, Figure 3. Data from the U.S. Department of Veterans Affairs and the U.S. Census Bureau.
Influenza and pneumococcal vaccination

Influenza vaccination in the past 12 months

- 75–84 years
- 65–74 years
- 50–64 years
- 85+ years

Pneumococcal vaccination ever

- 85+ years
- 75–84 years
- 65+ years
- 65–74 years

SOURCE: CDC/NCHS, Health, United States, 2009, Figure 9. Data from the National Health Interview Survey.
Ambulatory care visits with MRI/CT/PET scans ordered or provided

65+ years, in physician offices and OPDs

65+ years, in EDs

Under 65 years, in EDs

Under 65 years, in physician offices and OPDs

OPD is hospital outpatient department; ED is hospital emergency department.

SOURCE: CDC/NCHS, Health, United States, 2009, Figure 25. Data from the National Ambulatory Medical Care Survey and the National Hospital Ambulatory Medical Care Survey.
Positives

- Online version
- Excel spreadsheets
- Charts
- Trends
- Older products available
- Special Issues
What Could be Improved?

- Hard to search, locate
- State information or comparators
- Trend changes
  - Data or is it Real?
  - Appendix gets lost
- Special Issues
  - Hard to find?
  - Can they rotate?
  - Collapse together?
What Could be Improved?

- Marketing of the information to:
  - Academics:
    - Links in professional journals or association newsletters
    - Special listserve or emails to educators
    - Modules on issues
  - Policy:
    - Push information through formats – Press Briefs, Facebook, Twitter
    - Target information services – CRS, GAO, CBO
    - Listserve?
    - Small bits of information – *In Brief* is a good start