The U.S. Census Bureau Economic Directorate: Your Source for Health Care Statistics

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Talking Points

• Health Care Topics / Areas of Interest
• What is the Economic Directorate?
• Sources for Health Care Statistics
  – Quarterly Services Survey
  – Service Annual Survey
  – Annual Capital Expenditures Survey
  – Information and Communication Technology Survey
  – County Business Patterns
  – Non-employer Statistics
  – Economic Census
  – State and Local Government Finance
  – Medical Expenditure Panel Survey – Insurance Component

• Contact
Health Care Topics/ Areas of Interest

• Industries
• Spending
• Utilization
• Insurance
What is the Economic Directorate?

• Measuring our economy
• Businesses as respondents
• Data are business-centric
  – Revenue
  – Expenses
  – Payroll
Quarterly Services Survey

- **Relevant Topics**
  - Industries
  - Spending
  - Utilization

- **Key Points**
  - Service industry indicator
  - Provides the most up-to-date measures of service industry performance
  - Reduced level of detail compared with annual and 5-year programs

- **Frequency:** Quarterly
- **Geography:** National
- **Where to find:**
  - [http://www.census.gov/services/](http://www.census.gov/services/)
  - Time Series/Trend Charts

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**Hospital spending hints Q4 GDP may be revised higher**

Thu, Mar 8 2012

WASHINGTON (Reuters) - Spending at hospitals surged in the fourth quarter, government data showed on Thursday, suggesting economic growth during that period could be revised significantly higher.

Hospital revenue increased a seasonally adjusted 3.5 percent after declining 1.5 percent in the third quarter, the Commerce Department said in its Quarterly Services Survey report. The figures are not adjusted for inflation.
Quarterly Services Survey – Item/Industry Detail

• **Items:**
  – Revenue
  – Expenses
  – Inpatient Days
  – Discharges

• **Industries:**
  - 6211 – Offices of physicians
  - 6212 – Offices of dentists
  - 6213 – Offices of other health practitioners
  - 6214 – Outpatient care centers
  - 6215 – Medical and diagnostic laboratories
  - 6216 – Home health care services
  - 6219 – Other ambulatory health care services
  - 622 – Hospitals
  - 623 – Nursing and residential care facilities
Service Annual Survey

• Relevant Topics
  – Industries
  – Spending

• Key Points
  – Benchmark for QSS
  – Increased level of detail compared with QSS at the expense of timeliness

• Frequency: Annual
• Geography: National
• Where to find:
  ▪ [http://www.census.gov/services/](http://www.census.gov/services/)
Service Annual Survey – Item Detail

• Revenue
  – Government (includes Medicare, Medicaid, Other Gov’t, Worker’s Comp)
  – Private insurance (includes Health, Property, and Auto)
  – Patient (out-of-pocket)
    • From patients and their families
    • From assigned Social Security benefits
  – Contributions, gifts, and grants
  – Investment and property income

• Expenses
  – Payroll
  – Fringe benefits
  – Temp staff and leased employees
  – Medical supplies
  – Equipment
  – Other materials, parts, and supplies
  – Software
  – Electricity and fuels
  – Lease and rental payments
  – Repair and maintenance
  – Advertising/promotion
  – Professional liability insurance
  – Depreciation and amortization
  – Governmental taxes and license fees
**Industries:**

- 62111  Offices of physicians (except mental health specialists)
- 62112  Offices of physicians, mental health specialists
- 6212  Offices of dentists
- 62131  Offices of chiropractors
- 62132  Offices of optometrists
- 62133  Offices of mental health practitioners
- 62134  Offices of physical, occupational and speech therapists, and audiologists
- 621391  Offices of podiatrists
- 621399  Offices of all other miscellaneous health practitioners
- 62141  Family Planning Centers
- 62142  Outpatient mental health and substance abuse centers
- 621491  HMO medical centers
- 621492  Kidney dialysis centers
- 621493  Freestanding ambulatory surgical and emergency centers
- 621498  All other outpatient care centers
- 621511  Medical laboratories
- 621512  Diagnostic imaging centers
- 6216  Home health care services
- 62191  Ambulance services
- 621991  Blood and organ banks
- 621999  All other ambulatory health care services
- 622118  General medical and surgical hospitals – government
- 622119  General medical and surgical hospitals – private
- 622218  Psychiatric and substance abuse hospitals – government
- 622219  Psychiatric and substance abuse hospitals – private
- 622319  Specialty hospitals - private
- 6231  Nursing care facilities
- 62321  Residential mental retardation facilities
- 62322  Residential mental health and substance abuse facilities
- 623311  Continuing care retirement communities
- 623312  Homes for the elderly
- 6239  Other residential care facilities
Annual Capital Expenditures Survey

• **Relevant Topics**
  – Industries
  – Spending

• **Key Points**
  – Provides data on capital spending for new and used structures and equipment

• **Frequency:** Annual

• **Geography:** National

• **Where to find:**
  - [http://www.census.gov/econ/aces/](http://www.census.gov/econ/aces/)
Annual Capital Expenditures Survey – Item/Industry Detail

• **Items:**
  – Expenditures on Structures
    • New
    • Used
  – Expenditures on Equipment
    • New
    • Used

• **Industries:**
  - 6211 – Offices of physicians
  - 6212, 6213 – Offices of dentists and other health practitioners
  - 6215 – Medical and diagnostic laboratories
  - 6216 – Home health care services
  - 6214, 6219 – Outpatient care centers and other ambulatory health care services
  - 6221 – General medical and surgical hospitals
  - 6222, 6223 – Psychiatric, substance abuse, and specialty hospitals
  - 623 – Nursing and residential care facilities
Information and Communication Technology Survey

• Relevant Topics
  – Industries
  – Spending

• Key Points
  – Provides data on non-capitalized and capitalized spending for information and communication technology equipment and computer software
  – Created in response to policymaker concerns about lack of data on e-business infrastructure investment

• Frequency: Annual
• Geography: National
• Where to find:
  ▪ http://www.census.gov/econ/aces/
Total Expenditures for ICT Equipment and Computer Software for Health Care and Social Assistance Industries: 2010, and 2009 Revised
(Billions of current dollars)

<table>
<thead>
<tr>
<th>Service Type</th>
<th>2010</th>
<th>2009</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offices of physicians</td>
<td>$3.14</td>
<td>$2.91</td>
<td>8.1% NS</td>
</tr>
<tr>
<td>Offices of dentists and other health practitioners</td>
<td>$1.76</td>
<td>$1.36</td>
<td>29.6% NS</td>
</tr>
<tr>
<td>Medical and diagnostic laboratories</td>
<td>$1.33</td>
<td>$1.18</td>
<td>12.0% NS</td>
</tr>
<tr>
<td>Home health care services</td>
<td>$0.56</td>
<td>$0.45</td>
<td>26.3% NS</td>
</tr>
<tr>
<td>Outpatient care centers and other ambulatory health care services</td>
<td>$1.46</td>
<td>$1.40</td>
<td>3.8% NS</td>
</tr>
<tr>
<td>General medical and surgical hospitals</td>
<td>$12.92</td>
<td>$12.48</td>
<td>3.6%</td>
</tr>
<tr>
<td>Psychiatric, substance abuse, and specialty hospitals</td>
<td>$0.38</td>
<td>$0.40</td>
<td>-5.9% NS</td>
</tr>
<tr>
<td>Nursing and residential care facilities</td>
<td>$0.70</td>
<td>$0.73</td>
<td>-4.4% NS</td>
</tr>
<tr>
<td>Social assistance (except child day care services)</td>
<td>$0.61</td>
<td>$0.58</td>
<td>5.5% NS</td>
</tr>
<tr>
<td>Child day care services</td>
<td>$0.10</td>
<td>$0.11</td>
<td>-7.5% NS</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau, 2010 Information and Communication Technology Survey
Note: Detail may not add to total because of rounding.
NS: Not Statistically Significant
See the "Reliability of the Estimates" Section of the Sampling and Estimation Methodologies appendix for information on sampling variability, confidence intervals and statistical significance.
Tables 3c, 3d, 3g, 3h, 4e, 4d, 4g and 4h provide the Relative Standard Errors for the sector and industry level estimates of ICT expenditures.
Information and Communication Technology Survey – Item/Industry Detail

• **Expenditures**
  – Computer and peripheral equipment
  – Information and communication technology equipment
  – Electromedical and electrotherapeutic apparatus

• **Industries:**
  - 6211 – Offices of physicians
  - 6212, 6213 – Offices of dentists and other health practitioners
  - 6215 – Medical and diagnostic laboratories
  - 6216 – Home health care services
  - 6214, 6219 – Outpatient care centers and other ambulatory health care services
  - 6221 – General medical and surgical hospitals
  - 6222, 6223 – Psychiatric, substance abuse, and specialty hospitals
  - 623 – Nursing and residential care facilities
County Business Patterns

- **Relevant Topics**
  - Industries

- **Key Points**
  - Users gain sub-national statistics, but limited item detail when compared with programs like SAS

- **Frequency:** Annual

- **Geography:**
  - National
  - State
  - County
  - Metropolitan Area
  - Zip Code

- **Where to find:**
  - [http://www.census.gov/econ/cbp](http://www.census.gov/econ/cbp)
  - American Fact Finder
County Business Patterns: 2010
Health Care and Social Assistance
Change in Number of Establishments by County, 2009 to 2010

Source: U.S. Census Bureau, County Business Patterns (www.census.gov/econ/cbp)
# County Business Patterns – Item/Industry Detail

**Items:**
- Number of establishments
- Paid employees
- First quarter payroll
- Annual payroll

**Industries:**

<table>
<thead>
<tr>
<th>621111</th>
<th>Offices of physicians (except mental health specialists)</th>
</tr>
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<tbody>
<tr>
<td>621112</td>
<td>Offices of physicians, mental health specialists</td>
</tr>
<tr>
<td>6212</td>
<td>Offices of dentists</td>
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<td>62131</td>
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Nonemployer Statistics

- **Relevant Topics**
  - Industries

- **Key Points**
  - Only annual source of comprehensive data on U.S. businesses with no paid employees at the county level
  - Provides estimates of revenue

- **Frequency:** Annual

- **Geography:**
  - National
  - State
  - County
  - Metropolitan Statistical Areas
  - Combined Metropolitan Statistical Areas

- **Where to find:**
  - [http://www.census.gov/econ/nonemployer/](http://www.census.gov/econ/nonemployer/)
Nonemployer Statistics

**Items:**
- Number of establishments
- Receipts

**Industries:**

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Economic Census

• Relevant Topics
  – Industries
  – Spending

• Key Points
  – Most comprehensive source of information about American business
  – Serves as the cornerstone of the nation’s economic statistics
  – Greatly increased level of detail in geography and industries/items at the expense of timeliness

• Frequency: Quinquennial

• Geography:
  – National, State, County
  – 5-digit Zip Code
  – Economic Places
  – Metropolitan Statistical Areas
  – Combined Statistical Areas

• Where to find:
  ▪ http://www.census.gov/econ/census07/
Economic Census – Item Detail

- Number of establishments
- Paid employees
- Payroll

- Receipts
- Product Lines
  - Example: General medical and surgical hospitals (NAICS 6221)

- 30200 Patient care
- 30201 Patient care - Infectious & parasitic diseases
- 30202 Patient care - Neoplasms
- 30203 Patient care - Endocrine, nutritional, & metabolic disorders
- 30204 Patient care - Blood diseases
- 30205 Patient care - Mental diseases
- 30206 Patient care - Nervous system & sense organ disorders
- 30207 Patient care - Circulatory system
- 30208 Patient care - Respiratory system
- 30209 Patient care - Digestive system
- 30211 Patient care - Genitourinary system
- 30212 Patient care - Pregnancy/childbirth
- 30213 Patient care - Skin & subcutaneous tissue
- 30214 Patient care - Musculoskeletal & connective tissue
- 30215 Patient care - Congenital anomalies
- 30216 Patient care - Perinatal (infant)
- 30217 Patient care - Signs & symptoms
- 30218 Patient care - Injuries & adverse affects
- 30219 All other patient care

- 30520 Inpatient skilled nursing services with rehabilitation services
- 39460 Meals & bev, prepared/served/dispensed, for immediate consumption
- 39500 Rental or lease of goods and/or equipment
- 39513 Rental or lease - All other goods and/or equipment
- 39600 Resale of merchandise
- 39649 Resale - Pharmaceuticals
- 39654 Resale - All other merchandise
- 39657 Resale - Medical equipment
- 39700 All other operating receipts
- 39753 All other operating receipts
- 39900 Contributions, gifts, & grants - Government
- 39910 Contributions, gifts, & grants - Private
- 39920 Investment income, including interest & dividends
- 39930 Gains (losses) from assets sold
- 39940 Rents from depart/concessions not owned & op by this institution
- 39960 All other revenue
State and Local Government Finance

• Relevant Topics
  – Spending
• Key Points
  – Provides data on state and local gov’t finances
  – Includes expenditures by character and function
• Frequency: Annual
• Geography:
  – National
  – State
• Where to find:
  ▪ http://www.census.gov/govs/estimate/
State and Local Government Finance – Items and Breakouts

• Direct expenditure by function
  – Health
  – Hospitals

• Breakouts by:
  – State
  – State vs. local gov’t
Medical Expenditure Panel Survey – Insurance Component

- Relevant Topics
  - Health Insurance

- Key Points
  - Conducted for the Department of Health and Human Services
  - Provides estimates on employer-sponsored health insurance coverage

- Frequency: Annual

- Geography:
  - National
  - State
  - Metropolitan area

- Where to find:
Medical Expenditure Panel Survey – Insurance Component

- **Items:**
  - Number of enrollees
  - Number of plans
  - Premiums
  - Benefits
  - Contributions by employers/employees

- **Breakout Detail:**
  - Employer characteristics
    - Industry group (e.g. Agri, fish, forest; Mining and manufacturing; Construction)
    - For profit/Nonprofit
    - Firm age
    - Firm size
    - Percent full-time employees
    - Union presence
    - Percent low wage employees
  - Private Sector
  - State/local government
  - Coverage type
Contact

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