Health of Houston Survey

Comprehensive Health Survey of the Greater Houston Area

Institute for Health Policy
The University of Texas School of Public Health
## Health of Houston Survey

### Aims

<table>
<thead>
<tr>
<th>Aims</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assess health of Houstonians biennially</td>
<td>• Support efforts of health agencies, service providers and community</td>
</tr>
<tr>
<td>Community &amp; stakeholder participation</td>
<td>• Tailor survey topics to stakeholder needs</td>
</tr>
<tr>
<td>Develop infrastructure</td>
<td>• Track emerging health issues</td>
</tr>
<tr>
<td></td>
<td>• Assess program impact</td>
</tr>
<tr>
<td></td>
<td>• Document health improvements</td>
</tr>
<tr>
<td>Guarantee full access and use</td>
<td>• Web-based interactive access</td>
</tr>
<tr>
<td></td>
<td>• Customized reports</td>
</tr>
</tbody>
</table>
Health of Houston Survey
About the survey: Key Components

- Ground-Up
- Sub-County
- Dissemination Emphasis
- User-Friendly
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**Ground-Up**

**Input areas**

- **Collaborative building**
  - Assist in identifying potential stakeholders
  - Identify areas of survey use

- **Questionnaire content**
  - Core areas definition
  - Timely issues

- **Data collection**
  - Participants Incentives
  - Community awareness strategies
• **88** unique stakeholder and community organizations participated

• **Organizations included**
  - Harris County Healthcare Alliance
  - Gateway to Care
  - One Voice Texas
  - Houston DHHS
  - Local community groups and civic associations
• **Top five topics** (highest average selection percentages)
  – Family Violence (82%)
  – Diet/Obesity (81%)
  – Public Program Participation (77%)
  – Access to Mental and Behavioral Health Services (77%)
  – Usual Source of Care (75%)

• **Health Topic Priorities** (ranked by organizations)
  – Health care access/insurance
  – Prevention services
  – Children’s health
  – Health status and chronic conditions
  – Mental health
  – Diet/obesity
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Ground-Up

Survey content based on users needs

Questionnaire Content

- Health status
- Cancer screening
- Asthma
- Diabetes
- Behavioral risk factors
- Diet and obesity
- Physical activity
- Health insurance

- Access to healthcare & utilization
- Children’ health
- Mental health
- Neighborhood and housing
- Mental health services
- Prenatal care
- Environmental health
- Socio-demographics
## Health of Houston Survey

### Sub-County

<table>
<thead>
<tr>
<th>Sample</th>
<th>Languages</th>
<th>Representation</th>
<th>Geographic sampling areas</th>
<th>Survey design</th>
</tr>
</thead>
</table>
| - 4000 households  
- Adults  
- Children information by proxy | - English  
- Spanish  
- Vietnamese | - Ethnicity/race  
- Income  
- Neighborhood | - 7 areas  
- 2000 Census 1-percent PUMAs | - Mixed modes  
- Telephone  
- Web  
- Mail  
- Person to person |
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Dissemination Emphasis

**Dissemination principle**

- Stakeholders and community organizations will be main actors in dissemination

**IHP will provide**

- Simple on-line user interface
- Summary reports
- Technical support
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User-Friendly

Data access principles
- Easy, simple and full data access
- Respondent confidentiality protection

Technology
- General web access
  - NESSTAR®
  - Instant Atlas™
- Public data files
- Data/reports by request
Health of Houston Survey
NESSTAR®

- Networked Social Science Tools and Resources (NESSTAR®)

- Users can **search**, **browse** and **analyze** data from any terminal connection to the Internet

- Allows full review of data set, statistical analysis and, geographic displays

Copyright © 2009 Norwegian Social Science Data Services
### Variable: hthplan

Do you have any kinds of health care coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare?

#### Descriptive Text

Do you have any kinds of health care coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare?

<table>
<thead>
<tr>
<th>Values</th>
<th>Categories</th>
<th>N</th>
<th>NW</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
<td>2260</td>
<td>8138523</td>
<td>72.4%</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
<td>574</td>
<td>3100687</td>
<td>27.6%</td>
</tr>
<tr>
<td>7</td>
<td>Do not know - Not sure</td>
<td>5</td>
<td>51367</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Refused</td>
<td>3</td>
<td>7801</td>
<td></td>
</tr>
</tbody>
</table>

#### Summary Statistics

- Valid cases: 2854
- Missing cases: 8

This variable is numeric.
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Instant Atlas™

- InstantAtlas™ is a web-based geographic data system for reporting results on-line
- Templates include single map, double map, double map time series, and area profile template
- Export option for presentations

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Instant Atlas™

Houston Community Profile
Selected Data: Access to Care >> Percent Uninsured >> 2004-2007

Aggregate Area Profile for All Health Indicators

<table>
<thead>
<tr>
<th>Area</th>
<th>Percent</th>
<th>Count</th>
<th>% Diff</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Access to Care</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent Uninsured 2004-2007</td>
<td>26.8</td>
<td>7757</td>
<td>No Data</td>
</tr>
<tr>
<td>Unable to Afford Care 2004-2007</td>
<td>19.3</td>
<td>6744</td>
<td>No Data</td>
</tr>
<tr>
<td>No Regular Provider 2004-2007</td>
<td>29.1</td>
<td>8352</td>
<td>No Data</td>
</tr>
<tr>
<td><strong>Reported Health</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fair or Poor Health 2004-2007</td>
<td>19.0</td>
<td>9156</td>
<td>No Data</td>
</tr>
<tr>
<td>Not Good Mental Health 2004-2007</td>
<td>10.2</td>
<td>5425</td>
<td>No Data</td>
</tr>
<tr>
<td><strong>Health Risk Behaviors</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent Obese 2004-2007</td>
<td>27.3</td>
<td>9547</td>
<td>No Data</td>
</tr>
<tr>
<td>Percent Current Smoker 2004-2007</td>
<td>19.4</td>
<td>9669</td>
<td>No Data</td>
</tr>
<tr>
<td><strong>Prophylaxis Health Behaviors</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rx Flu Vaccine 2004-2007</td>
<td>68.1</td>
<td>22334</td>
<td>No Data</td>
</tr>
</tbody>
</table>

Legend
- BRFSS Data Areas
- 0.6 - 14.4
- 14.5 - 21.6
- 21.7 - 28.1
- 28.2 - 37.5
- 37.6 - 56.6
- Harris County
- City of Houston

Area Values and 95% Confidence Intervals
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Timeline

Infrastructure 2008-09
- Engage stakeholders & community org.
- Collect input from stakeholders & community org.

Survey Fielding 2010-11
- Select vendor (SSRS)
- Select sample
- Design & validate questionnaire
- Collect data
- Clean/edit data

Dissemination 2011
- Data accessible via web
- Process custom data requests
- Produce general report and policy briefs
For updates, questions, follow-up, please contact:

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- Email. Dritana.Marko@uth.tmc.edu

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