Sugar-Sweetened Beverage Consumption in New York State

Data Sources:

New York City Community Health Survey (2007-2009)

New York State Behavioral Risk Factor Surveillance System (2009)
http://www.nyhealth.gov/nysdoh/brfss/reports/index.htm

Presentation will cover publically available data from these two self-report probability surveys of the New York State and New York City population.
Sugar-Sweetened Beverage Consumption Questions

NYC Community Health Survey (CHS)

- How often do you drink sugar sweetened soda? Do NOT include diet soda or seltzer.

- How often do you drink other sweetened drinks like sweetened iced tea, sports drinks, fruit punch or other fruit-flavored drinks? Do NOT include diet soda, sugar free drinks, or 100% juice.

(Open ended question with prompts about frequency per day, month etc)
Sugar-Sweetened Beverage Consumption Questions

NYS Behavioral Risk Factor Surveillance Survey (BRFSS)

- During the past 7 days, how many times did you drink a can, bottle or glass of **regular soda**, such as Coke, Pepsi, or Sprite? Do **not** include diet soda, seltzer, club soda.

- During the past 7 days, how many times did you drink a can, bottle or glass of **sweetened beverage**, such as Snapple, Gatorade, SunnyD, Hawaiian Punch, Hi-C, Kool-Aid, lemonade, or sugar sweetened iced tea?

(Included fixed response scale ranging from 1 to 3 times in past 7 days to 4 or more times per day. Questions were also asked about randomly selected children in the household)
Prevalence of Daily SSB Consumption in Adults (2009)

By Gender

By Race/Ethnicity

NYS BRFSS NYC CHS

Total Males Females

NYS BRFSS NYC CHS

NH-W NH-B Hispanic

Prevalence of Daily SSB Consumption in Adults (2009)
Prevalence of Daily SSB Consumption in Adults (2009)

By Age in NYS BRFSS

By Age in NYC CHS

Age Group 18-24 25-34 35-44 45-54 55-64 65+
18-24 29.9 28.2 13.9 20.2 12.4
25-34 22.7 20.2 13.9 12.4
35-44 26.7 20.2 13.9 12.4
45-54 28.2 20.2 13.9 12.4
55-64 29.9 20.2 13.9 12.4
65+ 31.2 20.2 13.9 12.4

Age Group 18-24 24-44 45-64 65+
18-24 47.6 36.1 25.9 18.6
24-44 47.6 36.1 25.9 18.6
45-64 47.6 36.1 25.9 18.6
65+ 47.6 36.1 25.9 18.6
Prevalence of Daily SSB Consumption in Adults (2009)

By Education in NYS BRFSS

- < HS: 32
- HS or GED: 26.1
- Some Coll.: 20.9
- College Grad.: 14.8

By Region of State in BRFSS

- NYS (excl. NYC): 18.7
- NYC: 24.5
Estimates of the prevalence of daily SSB consumption are sensitive to differences in question format used in NYC CHS and NYS BRFSS. **BUT** both CHS and BRFSS are consistent in identifying SSB consumption is higher among adults who...

- Are male
- Are younger
- Identify themselves as Hispanic or racially black
- Have less education
Prevalence of Daily SSB and Soda Consumption Among Children and Adolescents (2-17 years) in NYS BRFSS, 2009

By Beverage Type in BRFSS

<table>
<thead>
<tr>
<th>Beverage Type</th>
<th>2-5 Years</th>
<th>6-11 years</th>
<th>12-17 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soda</td>
<td>11.5</td>
<td>29.3</td>
<td>33.9</td>
</tr>
<tr>
<td>Other SSB</td>
<td>27.9</td>
<td>32.1</td>
<td>41.5</td>
</tr>
<tr>
<td>SSB or Soda</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Daily SSB or Soda by age

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2-5 Years</th>
<th>6-11 years</th>
<th>12-17 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-5 Years</td>
<td>11.5</td>
<td>27.9</td>
<td>41.5</td>
</tr>
<tr>
<td>6-11 years</td>
<td>29.3</td>
<td>32.1</td>
<td>33.9</td>
</tr>
<tr>
<td>12-17 years</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Daily consumption of other SSBs among children and adolescents is more prevalent than daily soda consumption (parent/guardian self-report).

Daily consumption of SSBs is an issue even among children aged 2 to 5 years of age (27.9%).

Preliminary data (not shown) suggest the prevalence of daily SSB consumption among children varies based on socio-demographic characteristics of parent/guardian.
Questions?

ifbo1@health.state.ny.us