Tobacco Use Supplement / National Longitudinal Mortality Study Outcomes

Sean Altekruse, Surveillance Research Program DCCPS, NCI
NLMS-TUS Overview

National Longitudinal Mortality Study-TUS
- Current Population Survey (CPS)
- National Death Index (NDI)
- Tobacco Use Supplement (TUS)
- Surveillance, Epidemiology and End Results (SEER)

Past, Present and Future
- Cause of Death by Tobacco History

Current Tobacco Use Studies
Past, present and future

NLMS-TUS
### Cause of Death (COD)

**NLMS TUS 2002**

<table>
<thead>
<tr>
<th>COD</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alive</td>
<td>163,922</td>
<td>217,676</td>
</tr>
<tr>
<td>Dead</td>
<td>16,905</td>
<td>12,603</td>
</tr>
<tr>
<td>Heart disease</td>
<td>6,625</td>
<td>5,909</td>
</tr>
<tr>
<td>Cancer</td>
<td>4,826</td>
<td>2,607</td>
</tr>
<tr>
<td>Respiratory</td>
<td>2,057</td>
<td>880</td>
</tr>
<tr>
<td>Other, NOS</td>
<td>3,397</td>
<td>3,207</td>
</tr>
</tbody>
</table>

### NLMS Records with TUS Data

<table>
<thead>
<tr>
<th>Years</th>
<th>Yes</th>
<th>No</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1985-2002</td>
<td>180,827</td>
<td>230,279</td>
<td>411,106</td>
</tr>
<tr>
<td>2003-2011†</td>
<td>74,284</td>
<td>141,319</td>
<td>215,603</td>
</tr>
<tr>
<td>Current†</td>
<td>255,111</td>
<td>371,598</td>
<td>626,709</td>
</tr>
<tr>
<td>2012-2014†</td>
<td>63,423</td>
<td>88,247</td>
<td>151,670</td>
</tr>
<tr>
<td>Total†</td>
<td>318,534</td>
<td>459,845</td>
<td>778,379</td>
</tr>
</tbody>
</table>

†Estimated
Current NLMS-TUS Studies

- Smokeless Tobacco Use & Cancer Incidence (SEER-NLMS)
- Cancer Incidence among Ever & Never Tobacco Users
- Stress, Smoking & Lung Cancer Incidence
- Smoking & Suicide
- FDA CTP Analyses
How to Apply for Data

- Submit proposal to NLMS Sponsor
  - NCI, NHLBI, NIA, ORWH, OBSSR, NIMH, FDA, NCHS
  - Analyses performed at Census Bureau Headquarter

- Access at Census Regional Research Data Center
  - Boston, Ithaca, NYC, DC, Suitland, RTI, Penn State, U of MI, Atlanta, Chicago, College Station, U of MN, U of WA, UC Berkeley, Stanford, UC Irvine, UCLA, USC
  - Special Sworn Status (SSS)
Thank You!

Sean Altekruse DVM, MPH, PhD
National Cancer Institute
Surveillance Research Program
altekrusesf@mail.nih.gov