

# National Health Interview Survey (NHIS) 2011 sample augmentation

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# **Presentation outline**

**State-specific sample  
augmentation**

**Sources of sample augmentation**

**Anticipated level of augmentation**

# **Sample augmentation: state-specific**

**We recognized the NHIS sample already was sufficient for 18 states (AZ, CA, FL, GA, IL, IN, MD, MA, MI, NJ, NY, NC, OH, PA, TN, TX, VA, WA)**

**To reduce overall cost, augment only in other 32 states and D.C.**

# **First sample augmentation source: unused sample**

**Sample cuts in 2007 (1/4 of a calendar quarter sample), 2008 (1/2 of a calendar quarter sample)**

**Unused 2010 sample (1/2 of a calendar quarter sample) that was replaced by a previous sample that already had field address listing done (swap saved money in 2010)**

# **Second sample augmentation source: stop screening**

**Normally, a proportion of households containing no black, Hispanic, or Asian persons are screened out after a brief interview; not a full interview, not present in final NHIS microdata files**

**In selected states, stop screening; do a full interview of all responding households**

# **Augmentation implementation**

**Augmentation only from  
2007/2008/2010 unused samples:  
AL, CO, LA, MN, MO, SC, WI**

**Augmentation from both unused  
sample and no screening: AK, AR,  
CT, DE, DC, HI, ID, IA, KS, KY, ME,  
MS, MT, NE, NV, NH, NM, ND, OK,  
OR, RI, SD, UT, VT, WV, WY**

# **Anticipated effect of augmentation**

**Increase of ~4,800 interviewed  
households**

**Increase of ~11,900 interviewed  
persons**

**Can make reliable state-level  
estimates for ~25 states**

# Summary

**2011 augmentation targeted at states with lower sample sizes**

**Sample increase in all targeted states; # of states with reliable state-level estimates increases from ~20 to ~25**

**Sample race/ethnicity composition in states with no screening will be similar to population composition**