**Supplementary Material 1.** States in each region, specific by HCUP

|  |  |  |
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| **US region** | **States in HCUP** | **States not in NIS** |
| West | AK, AZ, CA, CO, HI, MT, NM, NV, OR, UT, WA, WY | ID |
| Midwest | IA, IN, IL, KS, MI, MN, MO, NE, OH, SD, WI | ND |
| Northeast | CT, MA, ME, NH, NJ, NY, PA, RI, VT |   |
| South | AR, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV | AL, DC, DE |