**SDC 2.** **Disparities rate ratios for select HP2030 social determinants of health objectives by population subgroups relevant to COVID-19\***

| **Population Data Subgroup** | **Increase the proportion of people with medical insurance**  **(*AHS-01*)^** | **Reduce the proportion of persons who are unable to obtain or delayed in obtaining necessary medical care**  **(*AHS-04*)^^** | **Increase the proportion of persons with a usual primary care provider**  **(*AHS-07*)^^^** | **Reduce the proportion of hospital emergency department visits in which the wait time to see an emergency department clinician exceeds the recommended timeframe**  **(*AHS-09*)^^^** | **Increase the proportion of adults with broadband access to the Internet**  **(*HC/HIT-05*)^^** | **Reduce household food insecurity and in doing so reduce hunger**  **(*NWS-01*)^** | **Eliminate very low food security among children**  **(*NWS-02*)^** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sex** | **1.025** (CI: 95%, 1.000/1.033); Females (best group rate); Males (worst group rate) | **1.128** (CI: 95%, 1.000/1.277);  Males (best group rate); Females (worst group rate) | **1.086** (CI: 95%, 1.000/1.105); Females (best group rate); Males (worst group rate) | **1.000** (CI: 95%, 1.000/1.236);  Males (best group rate); Females (worst group rate) | **1.310** (CI: 95%, 1.000/1.449);  Males (best group rate); Females (worst group rate) | N/A | N/A |
| **Race/**  **Ethnicity** | **1.298** (CI: 95%, 1.000/1.379);  Asian Only (best group rate); American Indian or Alaska Native only (worst group rate) | **1.634** (CI: 95%, 1.000/1.986); Hispanic or Latino (best group rate); White Only, not Hispanic or Latino (worst group rate) | **1.184** (CI: 95%, 1.000/1.325); White Only, not Hispanic or Latino (best group rate); Hispanic or Latino (worst group rate) | **1.097** (CI: 95%, 1.000/1.491); Hispanic or Latino (best group rate);  Black or African American only (worst group rate) | **1.256** (CI: 95%, 1.000/1.620);  Asian only (best group); Black or African American only (Worst group) | **4.714** (CI: 95%, 1.000/6.085); Asian only (best group rate); American Indian or Alaska Native (worst group rate) | **4.935** (CI: 95%, 1.000/10.128)  White only, not Hispanic or Latino (best group rate); Black or African American only, not Hispanic or Latino (worst group rate) |
| **Age Group** | **1.120** (CI 95%, 1.000/1.130);  <18 years (best group rate); 18-44 years (work group rate) | **3.671** (CI:95%, 1.000/4.680); <18 years (best group rate); 45-64 years (worst group rate) | **1.480** (CI:95%, 1.000/1.515); <18 years (best group rate); 18-44 years (worst group rate) | **1.692** (CI:95%, 1.000/2.190); <18 years (best group rate); 65 years and over (worst group rate) | **1.203** (CI:95%, 1.000/1.342); 65 years and over (best group rate); 45-64 years (worst group rate) | N/A | **1.203** (CI:95%, 1.000/1.342); 65 years and over (best group rate); 45-64 years (worst group rate) |
| **Educational Attainment** | **1.436** (CI:95%, 1.000/1.477); Advanced Degree (best group rate); <High school (worst group rate) | **1.398** (CI:95%, 1.000/1.679); 4-year college degree (best group rate); Some college (worst group rate) | **1.134** (CI:95%, 1.000/1.178); Advanced degree (worst group rate); <High school (worst group rate) | N/A | **1.309** (CI:95%, 1.000/1.529); Advanced degree (best group rate); High school (worst group rate) | **8.756** (CI:95%, 1.000/10.350); Advanced degree (best group rate); High school (worst group rate) | **1.359** (CI:95%, 1.000/2.725); Some college (best group rate); High school (worst group rate rate) |
| **Family Income** | **1.208** (CI: 95%, 1.000/1.228); 600+% FPL# (best group rate); <100% FPL (worst group rate) | **1.770** (CI: 95%, 1.000/2.206); 400-599% FPL (best group rate); <100% FPL (worst group rate) | **1.096** (CI: 95%, 1.000/2.128); 600+% FPL (best group rate); <100% FPL (worst group rate ) | N/A | **1.723** (CI: 95%, 1.000/2.156); $50,000-$75,000 (best group rate); <$20,000 (worst group rate) | **37.208** (CI: 95%, 1.000/48.477); 600%+ FPL (best group rate); <100% FPL (worst group rate) | **3.516** (CI: 95%, 1.000/6.758); 200-399% FPL (best group rate); <100% FPL (worst group rate) |
| **Country of Origin** | **1.166** (CI 95%, 1.000/1.186); US (best group rate); Outside US (worst group rate) | **1.257** (CI: 95%, 1.000/1.483); Outside US (best group rate); US (worst group rate) | **1.202** (CI 95%, 1.000/1.236); US (best group rate); Outside US (worst group rate) | N/A | **1.201** (CI 95%, 1.000/1.361); Outside US (best group rate); US (worst group rate) | N/A | N/A |
| **Geographic Location** | **1.039** (CI 95%, 1.000/1.058); Metropolitan (Best group rate); Non-metropolitan (worst group rate) | **1.245** (CI 95%, 1.000/1.491); Metropolitan (Best group rate); Non-metropolitan (worst group rate) | **1.105** (CI 95%, 1.000/1.135); Non-metropolitan (best group rate); metropolitan (worst group rate) | **3.005** (CI 95%, 1.000/4.532); Metropolitan (best group rate); Non-metropolitan (worst group rate) | **1.442** (CI 95%, 1.000/1.696); Metropolitan (best group rate); non-metropolitan (worst group rate) | **1.176** (CI 95%, 1.000/1.276); Metropolitan (best group rate); Non-metropolitan (worst group rate) | **1.242** (CI 95%, 1.000/2.070);  Metropolitan (best group rate); Non-metropolitan (worst group rate) |
| **Marital Status** | **1.094** (CI 95%, 1.000/1.119); Married (Best group rate); Cohabitating partner (Worst group rate) | **2.122** (CI 95%, 1.000/2.492); Married (best group rate); Divorced or separated (worst group rate) | **1.454** (CI 95%, 1.000/1.501); Widowed (best group rate); Never married (worst group rate | N/A | **1.484** (CI 95%, 1.000/1.964); Married (best group rate); widowed (worst group rate) | N/A | N/A |
| **Obesity Status** | DNC | **1.366** (CI 95%, 1.000/1.559); Not Obese (best group rate); Obese (worst group rate) | **1.055** (CI 95%, 1.000/1.079); Obese (best group rate); Not Obese (worst group rate) | N/A | **1.096** (CI 95%, 1.000/1.209);  Obese (best group rate); Not Obese (worst group rate) | N/A | N/A |
| **Health Insurance Status** | N/A | *Under 65 Years*  **1.790** (CI, 95%: 1.000/2.262); Any Private insurance (best group rate); Uninsured (worst group rate)  *65 Years and over* **1.586** (CI 95%, 1.000/2.161); Medicare and private (best group rate);  Medicare and other public (worst group rate) | *Under 65 Years*  **1.811** (CI, 95%: 1.000/1.939); Public only (best group rate); Uninsured (Worst group rate)  *65 Years and over* **1.011** (CI 95%, 1.000/1.049);  Medicare and private (best group rate); Medicare and private other public (worst group rate ) | **1.067** (CI, 95%: 1.000/1.362); Public only (best group rate); Uninsured (worst group rate) | N/A | N/A | N/A |
| **Disability Status** | DNC | **4.911** (CI: 95%, 1.000/5.648); People with neither basic nor complex activity limitations (best group rate); People with complex activity limitations (worst group rate) | **1.223** (CI 95%: 1.000/1.250);  People without basic activity limitations (best group rate); People with neither basic nor complex activity limitations without disabilities (worst group rate) | N/A | N/A | N/A | N/A |

\*Table provides traditional rate ratios, measuring relative difference (a comparison of one value to another) of the worst and best group rates. One should compare a given population group to the group in the most advantaged social position. DNC=Data for specific population not collected.

^Based on 2018 data; ^^Based on 2017 data; ^^^Based on 2016 data

Disparities rate ratios use population data from comparable objectives in Healthy People 2020. Data retrieved from <https://www.healthypeople.gov/>.

#FPL=Federal Poverty Level