**Medically Underserved Areas**

We used the Health Resources and Services Administration (HRSA)’s Bureau of Health Workforce (BHW) designated Medically Underserved Areas (MUAs) - areas that lack access to primary healthcare services - as a measure of lack of access to healthcare. MUA designation depends on the Index of Medical Underservice (IMU). IMU score ranges from 0 to 100. A lower IMU score denotes higher medical needs and vice versa.