**APPENDIX**

Within each level, this framework delves into NIMDHD’s domains of influence, providing specific examples of how that form of racism may manifest in a person’s life. The dark blue boxes represent specific individual experiences. The yellow boxes represent specific occurrences in the healthcare system, which is an important site for exposure to racism in this study. The beige boxes are miscellaneous important experiences. The arrow across the bottom is intended to serve as a reminder that populations and individuals experience varying degrees and combinations of racism throughout their lifetime.

Appendix 1, Table 1. Table of Measures

|  |  |  |  |
| --- | --- | --- | --- |
| **Instrument Name** | **Framework** | **Measurement Scope** | **Type of Racism (If Applicable)** |
| Multidimensional Measure of Structural Racism1 | Structural and Social Determinants of Health | Society | Structural Racism |
| Food Insecurity (PhenX)2, 3 | Structural and Social Determinants of Health | Individual |
| Current Living Situation4 | Structural and Social Determinants of Health | Individual |
| Access Health Services (PhenX)2, 5 | Structural issues in healthcare | Individual |
| Health Insurance Coverage (PhenX)2, 6-7 | Structural issues in healthcare | Individual |
| Time since last healthcare visit5 | Structural Issues in Healthcare | Individual |
| Usual source of healthcare (Y/N)5 | Structural Issues in Healthcare | Individual |
| Usual source of healthcare (setting type)5 | Structural Issues in Healthcare | Individual |
| Emergency Department use5 | Structural Issues in Healthcare | Individual |
| Delayed medical care5 | Structural Issues in Healthcare | Individual |
| Difficulty paying for needs4 | Structural Issues in Healthcare | Individual |
| Transportation access4 | Structural Issues in Healthcare | Individual |
| Difficulty getting medications or medical supplies4 | Structural Issues in Healthcare | Individual |
| Disparate Health Care Quality (PhenX)2, 8 | Experience in healthcare | Individual | Institutional Racism |
| Group-Based Medical Mistrust Scale9 | Experience in healthcare | Community |
| Discrimination In Medical Settings Scale10 | Experience in healthcare | Individual |
| Brief Sense of Community Scale11 | Experience in community | Community | Interpersonal Racism |
| Interpersonal violence12 | Experience in community | Individual |
| Modified Buckner Neighborhood Cohesion Scale13,14 | Experience in community | Community |
| Loneliness4 | Experience in community | Individual |
| Social connectedness4 | Experience in community | Individual |
| Help with activities of daily living if needed4 | Experience in community | Individual |
| Financial abuse4 | Experience in community | Individual |
| Everyday Discrimination Scale (PhenX)2,15 | Experience with bias | Individual |
| Major Experiences Scale (PhenX)2,16 | Experience with bias | Individual |
| Lifetime Experience of Discrimination Scale16 | Experience with bias | Individual |
| Current Age (PhenX)2,17 | Biologic/Personal Factors | Individual | Individual Level Factors |
| Race & Ethnicity (PhenX)2,18 | Biologic/Personal Factors | Individual |
| Biological Sex (PhenX)2,19 | Biologic/Personal Factors | Individual |
| Gender Identity (PhenX)2, 20 | Biologic/Personal Factors | Individual |
| Sexual Orientation (PhenX)2, 21 | Biologic/Personal Factors | Individual |
| Education (PhenX)2,22 | Biologic/Personal Factors | Individual |
| Current Employment Status (PhenX)2, 23 | Biologic/Personal Factors | Individual |
| English Proficiency (PhenX)2, 24 | Biologic/Personal Factors | Individual |
| Health Literacy (PhenX)2, 25 | Biologic/Personal Factors | Individual |
| Income (PhenX)2, 26 | Biologic/Personal Factors | Individual |
| Birthplace (PhenX)2, 27 | Biologic/Personal Factors | Individual |
| Household size2, 28 | Biologic/Personal Factors | Individual |
| Relationship status4 | Biologic/Personal Factors | Individual |
| Disability status29-35 | Biologic/Personal Factors | Individual |
| Alcohol Use36 | Health Behaviors | Individual |
| Tobacco Use37 | Health Behaviors | Individual |
| Exercise38, 39 | Health Behaviors | Individual |
| Mental Health40 | Health Behaviors | Individual |
| Theory of Planned Behavior measure41 | Health Behaviors | Individual |
| Non-prescription drug use42-44 | Health Behaviors | Individual |
| Comorbidities and Common Medical Problems (Self-report or EHR)45 | Individual Health Outcomes | Individual |
| PROMIS Global-1046 | Individual Health Outcomes | Individual |

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