Dove-Medows, E. et al. (2020). Neighborhood, racial discrimination, and psychological distress. *MCN The American Journal of Maternal Child Nursing, 45(1).*

Supplemental Digital Content

Table 2 Detailed Summary of Sample Characteristics.

| Name | Age | Marital Status;Education;Employment;Income | Parity; GA at Birth;PTB (yes/no) | Medical History | Neighborhood disorder | Experiences of Discrimination | Psychological Distress |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |   | Ross | QUAL | EOD | QUAL | PGWB | CES-D score  | QUAL | Perceptionsof Influences of Stress on PTB |
| Jessica | 30 | Single;Associate Degree;Working;$30,000-$39,999 | G3P110233 4/7Yes | Chronic Hypertension, Pre-eclampsia, Syphilis,Bacterial Vaginosis | 18 | No concerns | 0 | While buying/test driving a used car from two Caucasian men, two police offers pulled up and asked what they were doing and what kind of activity they had going on in a car repair shop had illegal plates and she was ticketed since she was behind the wheel even after she explained it wasn’t her car. They let the sellers go. | 76 | 19 | Work hours were cut and co-workers made it difficult while she was at work  |  |
| Nicole | 42 | Single;Some college;Working;$60,000-$79,999 | G4P003035 6/7Yes | Chronic Hypertension, diabetes | 32 | No concerns | 4 | Customers at work make her put their IDs on the counter because she doesn’t want to touch their hand when handing it back. Called on white customer and heard remarks if she wants to wait on them. Questioning if insurance is through a job or Medicaid. When told the provider she has a job, he said most people who come here do not. His demeanor changed once he found out she had a job and insurance.In a restaurant. Had a server tell her “well we don’t get a lot of you people in here anyway.”  | 80 | 5 | A supervisor for an airline. Can be stressful with irate passengers, dealing with other supervisors, getting individuals to do what they are supposed to do.Traffic can cause a little daily stress. Living with her cousins who are “annoying” teenagers can also cause stress sometimes. | It could impact the pregnancy. Babies feel what the woman feels. If the woman is stressed out, the baby feels that. |
| Kim | 21 | MarriedWorkingLess than High School$10,000-$19,999 | G3P200236 6/7Yes | AsthmaUrinary Tract Infection Trichomonas  | 9 | No Concerns |  1 | Was in liquor store, owner did not want them to purchase anything, left without purchasing anything. Felt that owner did not want participant and family in store. | 82 | 13 | Relationship with mother is strained. Sometimes mom is there for her and is helpful with kids, helps with phone bill, etc., then without warning just leaves and doesn’t say anything. This is a pattern that is often repeated.Feels stress about cash register at work has managers that occasionally steal money out of cash drawer. Feels that co-workers can be lazy, worries about how they will pick up slack for her when she gets further along in pregnancy.  | Some women experience PTB because of stuff going on at home. Fighting with significant others, overworking and stress.Stress is not the cause of PTB. For African Americans, thinks something different from Caucasians because Caucasians also have stress during pregnancy or parenthood. |
| Olivia | 25 | Single Laid offTechnical SchoolLess than $9,999 | G2P100138 5/7No | Chronic HypertensionChlamydiaUrinary Tract Infection | 23 | No concerns | 2 | When eating at a restaurant that the table wasn’t waited on because of her race about a year ago.  | 74 | 20 | Laid off; tension with parents; strained relationship with the father of her baby due to her disposition; housing is stressful | People have PTB because they are stressed out or have something like preeclampsia or blood pressure problems. If the baby comes early that’s just the way it goes or because she is stressed out about something financially or emotionally. |
| Victoria | 28 | SingleLaid offSome college$20,000-$29,999 | G3P101140 1/7No | HyperemesisAnemiaHerpes Simplex Virus | 21 | Walking is not safe but doesn’t think any neighborhood is safe because there are ‘weirdos everywhere’; more businesses are coming in to the area and more patrols. Starting to clean it up but you still have people in the neighborhood that are around. | 1 | Taken off the schedule for a little while at work after reacting to co-workers’ comments about her friend’s race. | 84 | 27 | No concerns | People not agreeing with your pregnancy and putting that whole energy and releasing ‘thermals’ into your body. Maybe wishing that you’d hurry up and have the baby or maybe you shouldn’t have gotten pregnant. Whole energy produces “pheromones” within the blood, brain and body and it just reacts differently. Feels job stress and physical elements of the job affects the pregnancy and possibility of having a preterm birth |
| Brittany | 18 | MarriedNot WorkingLess than High School, $30,000-$39,999 | G3P101137 6/7No |  | 18 | No Concerns | 0 | No concerns | 72 | 8 | No concerns | Stress leads to PTB because of negativity and worrying. That can be too much on the baby because the baby feels what the mother feels.Thoughts and feelings can impact pregnancy. Thinking bad brings negativity into the air and that puts the baby at risk. It can cause a baby to come early. |
| Tamara | 23 | MarriedNot WorkingHigh school graduate $30,000-$39,999 | G2P100138 0/7No | Gestational DiabetesUrinary Tract Infection  | 21 | Old neighborhood was better, but overall happy with this neighborhood | 0 | “White people look at your funny if you go into a store”Employees don’t want to help. Went to a fabric store and felt that the employee was looking at her and her husband funny, maybe judging. | 74 | 12 | No concerns | Being a single parent is hard and can lead to PTBFeeling stressed or alone or depressed can affect pregnancy. |

Abbreviations:

G=Gravida; P=Para; GA=Gestational Age; PTB=Preterm Birth

Ross = Ross Neighborhood Disorder Scale (potential range 0-45)

EOD = Experiences of Discrimination (potential range 0-9)

PGWB = Psychological General Well-Being Index (potential range 0-110; scores ≤72 represent psychological distress)

CES-D = Center for Epidemiological Studies Depression Scale (potential range 0-60; scores ≥16 represent clinically significant depressive symptoms)