**Supplementary Data**

**Table S1.** Multivariate analysis results showing the relationship between the log-transformed creatinine adjusted urinary 3PBA concentrations and various pesticide use, home disrepair and food diary items.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Total Study Population (n=208)** | **Percent Users** | **Estimate** | **Standard Error** | **t value** | **Pr > t** |
| Mother or Child |  | -0.55 | 0.15 | -3.7 | **0.0004** |
| Home Disrepair Scorea | 20 | 0.16 | 0.09 | 1.7 | 0.09 |
| Outdoor Sprayb | 15 | 0.70 | 0.36 | 2.0 | 0.051 |
| Inside Housing Conditionsc | 40 | 0.28 | 0.19 | 1.4 | 0.15 |
| **Children (n=103)** |  |  |  |  |  |
| Home Disrepair Scorea | 19 | 0.13 | 0.10 | 1.1 | 0.20 |
| Outdoor Sprayb | 15 | 0.59 | 0.40 | 1.5 | 0.14 |
| Inside Housing Conditionsc | 40 | 0.45 | 0.22 | 2.1 | **0.04** |
| Apple Yes/No | 28 | -0.40 | 0.33 | -1.2 | 0.23 |
| Milk Total | 86 | -0.18 | 0.13 | -1.4 | 0.17 |
| All Meat Total | 76 | 0.18 | 0.15 | 1.2 | 0.23 |
| Cereal Total | 50 | -0.36 | 0.25 | -1.5 | 0.15 |
| **Mothers (n=105)** |  |  |  |  |  |
| Home Disrepair Scorea | 21 | 0.21 | 0.10 | 2.0 | **0.048** |
| Outdoor Sprayb | 14 | 0.86 | 0.40 | 2.2 | **0.03** |
| Inside Housing Conditionsc | 41 | 0.14 | 0.22 | -0.6 | 0.53 |
| Eggs Yes/No | 39 | -0.42 | 0.30 | -1.4 | 0.17 |
| Beans Yes/No | 53 | -0.29 | 0.30 | -1.0 | 0.33 |
| Grapes Yes/No | 12 | 0.38 | 0.44 | 0.9 | 0.40 |
| Chicken Yes/No | 24 | 0.59 | 0.36 | 1.7 | 0.10 |
| Cereal Total | 37 | 0.70 | 0.29 | 2.5 | **0.02** |

a Includes water damage, water leaks, carpet damage, counter damage and rotten wood at time of urine collection

b Data from baseline interview (2006-2007)

c Staff evaluated data from follow-up interview (2009-2010)

**Table S2.** Spearman rank correlation coefficients showing associations between home disrepair and pesticide use.

|  |  |  |
| --- | --- | --- |
| **Home Disrepair Score vs.** | **Coeff.** | **p > lrl** |
| All Outdoor Pesticides | 0.13 | 0.06 |
| Indoor Sprays | 0.16 | **0.02** |
| Indoor Foggers | 0.14 | **0.047** |
| All Indoor Pesticides | 0.16 | **0.02** |
| Other Pesticides\* | 0.29 | **<0.0001** |
|  |  |  |
| **InsideHC vs.** |  |  |
| Indoor Sprays | 0.17 | **0.02** |
| All Indoor Pesticides | 0.17 | **0.01** |
| Pesticide Inventory | -0.12 | 0.08 |
| Outdoor Traps\* | 0.18 | **0.01** |
| Other Pesticides\* | 0.18 | **0.01** |

\*Data from MICASA baseline interview