Health Screening Snapshot: APOPKA 2016

61 participants*
100% Hispanic or Latino

Gender:
Women - 43
Men - 17

Average age:
38 years (19-54)

Body Mass Index

<table>
<thead>
<tr>
<th></th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal</td>
<td>15</td>
<td>11</td>
</tr>
<tr>
<td>Overweight</td>
<td>17</td>
<td>3</td>
</tr>
<tr>
<td>Obese</td>
<td>11</td>
<td>3</td>
</tr>
</tbody>
</table>

Commonly reported Heat-Related Illness symptoms

- Excessive sweating: 64%
- Headache: 56%
- Dizziness: 31%
- Muscle cramps: 30%
- Nausea/Vomiting: 21%
- Confusion: 15%
- Fainting: 10%

12 cases of high fasting glucose (>120)
6 cases of high blood pressure
2 low BUN levels
2 cases of anemia
1 potential kidney stone

Participants referred for follow-up

*One participant only provided survey responses, no biological data collected.

Study population

Dehydration

- Urine osmolality: 1,001-1,036 (Normal < 1,020)
- Morning Average: 1.018
- Afternoon Average: 1.023
- Blood osmolality: 272-307 (Normal < 295)

82% had at least one day above core temperature threshold (100.4°F)

Blood pressure

- Male: 17
- Female: 25

Blood analysis

- Glucose: 77-362
- Sodium: 136-147
- Creatinine: 0.4-1.4
- BUN: 3-53

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-participants*