

elevated BP.

If the BP values (systolic and diastolic) are less than the values listed in the table, the student's BP does not require further evaluation. If the BP values (systolic and/or diastolic) are \geq values listed in the table, the student's BP requires further evaluation. Further evaluation includes repeat measurements and utilizing the complete [BP tables](#) based on sex, age, and height.

Table 2: BP Screening Tool

| BP, mmHg | | | | |
|----------|----------|-----------|----------|-----------|
| | Boys | | Girls | |
| Age | Systolic | Diastolic | Systolic | Diastolic |
| 1 | 98 | 52 | 98 | 54 |
| 2 | 100 | 55 | 101 | 58 |
| 3 | 101 | 58 | 102 | 60 |
| 4 | 102 | 60 | 103 | 62 |
| 5 | 103 | 63 | 104 | 64 |
| 6 | 105 | 66 | 105 | 67 |
| 7 | 106 | 68 | 106 | 68 |
| 8 | 107 | 69 | 107 | 69 |
| 9 | 107 | 70 | 108 | 71 |
| 10 | 108 | 72 | 109 | 72 |
| 11 | 110 | 74 | 111 | 74 |
| 12 | 113 | 75 | 114 | 75 |
| 13 | 120 | 80 | 120 | 80 |
| 14 | 120 | 80 | 120 | 80 |
| 15 | 120 | 80 | 120 | 80 |
| 16 | 120 | 80 | 120 | 80 |
| 17 | 120 | 80 | 120 | 80 |
| 18 | 120 | 80 | 120 | 80 |

Using the BP Tables

The updated [BP tables](#) from the AAP include systolic BP and diastolic BP values arranged by age, sex, height (in centimeters and inches) and height percentile. The BP values are also categorized according to the BP definitions presented in [Table 1](#) as normal (50th percentile), elevated BP (>90th percentile), stage 1 HTN (\geq 95th percentile), and stage 2 HTN (\geq 95th percentile + 12 mm Hg).

1. Determine height percentile of the student using the appropriate gender specific [CDC growth chart](#).
2. If the student's height percentile is between two percentiles, use the higher percentile.