Normal Vital Signs

Normal values for each of these vital signs vary by age and, in some cases, by sex.

**Heart rate**
Table 1. Normal Heart Rate by Age

<table>
<thead>
<tr>
<th>Approximate Age Range</th>
<th>Heart Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newborn</td>
<td>100-160</td>
</tr>
<tr>
<td>0-5 months</td>
<td>90-150</td>
</tr>
<tr>
<td>6-12 months</td>
<td>80-140</td>
</tr>
<tr>
<td>1-3 years</td>
<td>80-130</td>
</tr>
<tr>
<td>3-5 years</td>
<td>80-120</td>
</tr>
<tr>
<td>6-10 years</td>
<td>70-110</td>
</tr>
<tr>
<td>11-14 years</td>
<td>60-105</td>
</tr>
<tr>
<td>15-20 years</td>
<td>60-100</td>
</tr>
<tr>
<td>Adults</td>
<td>50-80</td>
</tr>
</tbody>
</table>

**Respiratory rate**
Table 2. Normal Respiratory Rate by Age

<table>
<thead>
<tr>
<th>Approximate Age Range</th>
<th>Respiratory Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newborn</td>
<td>30-50</td>
</tr>
<tr>
<td>0-5 months</td>
<td>25-40</td>
</tr>
<tr>
<td>6-12 months</td>
<td>20-30</td>
</tr>
<tr>
<td>1-3 years</td>
<td>20-30</td>
</tr>
<tr>
<td>3-5 years</td>
<td>20-30</td>
</tr>
<tr>
<td>6-10 years</td>
<td>15-30</td>
</tr>
<tr>
<td>11-14 years</td>
<td>12-20</td>
</tr>
<tr>
<td>15-20 years</td>
<td>12-30</td>
</tr>
</tbody>
</table>
Blood pressure
The normal blood pressure in adults is 120 (systolic)/80 (diastolic). Normal blood pressure in children and adolescents varies by age.
Table 3. Normal Blood Pressure by Age in Children and Adolescents

<table>
<thead>
<tr>
<th>Approximate Age Range</th>
<th>Systolic Range</th>
<th>Diastolic Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-12 months</td>
<td>75-100</td>
<td>50-70</td>
</tr>
<tr>
<td>1-4 years</td>
<td>80-110</td>
<td>50-80</td>
</tr>
<tr>
<td>3-5 years</td>
<td>80-110</td>
<td>50-80</td>
</tr>
<tr>
<td>6-13 years</td>
<td>85-120</td>
<td>55-80</td>
</tr>
<tr>
<td>13-18 years</td>
<td>95-140</td>
<td>60-90</td>
</tr>
</tbody>
</table>

Temperature
The normal temperature is 97.8°F (36.5°C) - 99°F (37.2°C).