In this example we will demonstrate how to obtain a pie chart and bar chart for a sample of qualitative data. The data collected was the blood type for a sample of 120 patients. The frequency table below summarizes the data, and was entered in the StatCrunch spreadsheet.

<table>
<thead>
<tr>
<th>BloodType</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>48</td>
</tr>
<tr>
<td>B</td>
<td>14</td>
</tr>
<tr>
<td>AB</td>
<td>6</td>
</tr>
<tr>
<td>O</td>
<td>52</td>
</tr>
</tbody>
</table>

To obtain a bar chart of the data use:

Graphics > Bar Chart > with summary
Categories in: [BloodType]
Counts in: [Frequency]
Next
Type: [Frequency]
Title: [Bar Graph of Blood Types]
Create Graph

To obtain a Pie Chart of the data use:

Graph > Pie Chart > with summary
Categories in: [BloodType]
Counts in: [Frequency]
Next
Next
Title: [Pie Chart of Blood Types]
Create Graph