**Casio fx-991ES**

**Clear previous data:**
Press **MODE 1** (switching mode or changing statistical views clears data)

**Set up for Frequencies**
Press **SHIFT MODE (SETUP) ▼ 4:STAT 1** (1:ON)

**Change to Statistics Mode**
Press **MODE 3 1** (you will see STAT at the top of the screen.)

Prepare to enter data
Press **SHIFT 1** (STAT) **2** (DATA) (You should see and X column and a FREQ column.)

<table>
<thead>
<tr>
<th>Entering Data (single list of data point with each with frequency 1)</th>
<th>Entering Data (from a frequency distribution)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press first data number. Press <strong>▼</strong>. You will see the number in the X column and a 1 in the FREQ column.</td>
<td>Press first data number. Press <strong>▼</strong>. You will see the number in the X column and a 1 in the FREQ column.</td>
</tr>
<tr>
<td>Press second data number. Press <strong>▼</strong>. Continue until you have entered all the data.</td>
<td>Press second data number. Press <strong>▼</strong>. Continue until you have entered all the data.</td>
</tr>
<tr>
<td>Press <strong>▼</strong> and the press <strong>▲</strong> until you are in the first row of the FREQ column Press first frequency number. Press <strong>▼</strong>. You will see the number in the X column and the input frequency in the FREQ column. Press first frequency number. Press <strong>▼</strong>. Continue until you have entered all the frequencies.</td>
<td></td>
</tr>
</tbody>
</table>

**Calculating mean and standard deviation**
Press \( \text{AC} \) to get to the statistics calculation screen.

Press \( \text{SHIFT} \ 1 \ (\text{STAT}) \ 4 \ 1 \ \boxed{\downarrow} \) to see the number of total data points.

Press \( \text{SHIFT} \ 1 \ (\text{STAT}) \ 4 \ 2 \ \boxed{\downarrow} \) to see the mean \( \bar{x} \).

Press \( \text{SHIFT} \ 1 \ (\text{STAT}) \ 4 \ 4 \ \boxed{\downarrow} \) to see the standard deviation \( s_n - 1 \).