

✓ **Constructing a Frequency Distribution** Certain criteria to be kept in mind while constructing a frequency distribution are as follows. Consider the data on the number of hours of overtime given in Table 2.2 to construct Table 2.4.

Table 2.4 Array and Tallies

<i>Number of Overtime Hours</i>	<i>Tally</i>	<i>Number of Weeks (Frequency)</i>
84		2
85		2
86	—	0
87		1
88		4
89		3
90		2
91		2
92		2
93		6
94		5
95		1
		<hr/> 30

When number of observations gets larger, the method to condense the data into frequency distribution table is summarized below:

- (i) Select an appropriate number of non-overlapping class intervals.
- (ii) Determine the width of the class intervals.
- (iii) Determine class limits (or boundaries) for each class interval to avoid overlapping.