**Heart Rate**

The heart rate data is collected by measuring resting heart rates of 60 patients with heart disorders before and after they participated in a three-week exercise program. The goal of the exercise program is to reduce the risk of heart failure by reducing the resting heart rate.

Each dot represents the resting heart rate of a patient. The blue dots represent the resting heart rates taken before the patients participated in the program and the yellow ones represent the same patients but after they had completed the program.

Students can be asked to provide an informed opinion by using the data provided (e.g. to help a doctor in a hospital or someone who has a heart disorder) determine if the exercise program is effective in terms of reducing heart rate. A conversation may be held about what it means to have heart disorders.

# Heart Rate Data

