

- 8 (a)** Joseph drew a histogram to show information about one Local Authority. He used data from the “Age structure by LA 2011” tab in the large data set. The table shows an extract from the data that he used.

Age group	0 to 4
Frequency	2143

Joseph used a scale of $1\text{ cm} = 1000$ units on the frequency density axis.

Calculate the height of the histogram block for the 0 to 4 class. **[2]**

- (b)** Magdalene wishes to draw a statistical diagram to illustrate some of the data from the “Method of travel by LA 2011” tab in the large data set.

State why she cannot draw a histogram. **[1]**