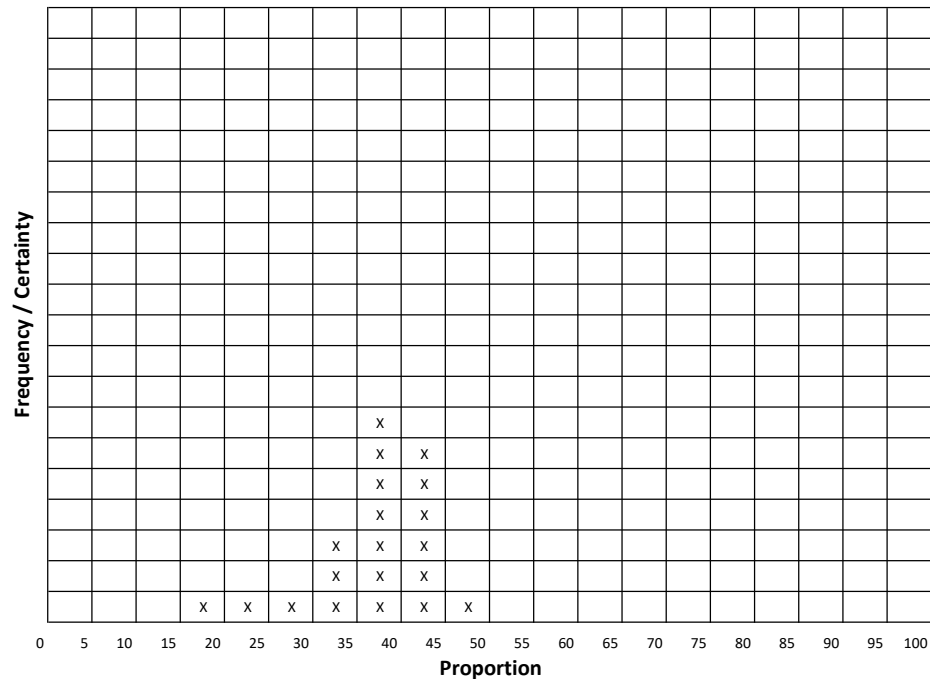


**Of those who would otherwise present to the ED, but would not be admitted**

What % or proportion would you expect to be 'headed-off from the ED' via the Care Centre?



Estimate of mean ( $\mu$ ) =  $\frac{\sum m_i n_i}{N}$   
where:

where:

$m_i$ : The midpoint of the  $i$ th bin

$n_i$ : The frequency of the  $i$ th bin

N: The total sample size

$$\text{Estimate of median} = L + \left( \frac{N/2 - F}{f} \right) \times w$$

where:

L: The lower limit of the median group

N: The total number of observations

F: The cumulative frequency up to the median group

f: The frequency of the median group

w: The range of the median group

$$\text{Estimate of standard deviation } (\sigma) = \sqrt{\sum n_i(m_i - \mu)^2 / N - 1}$$

where:

$n_i$ : The frequency of the  $i$ th bin

$m_i$ : The midpoint of the  $i$ th bin

$\mu$ : The mean

N: The total sample size

<b>m<sub>i</sub></b>	2.5	7.5	12.5	17.5	22.5	27.5	32.5	37.5	42.5	47.5	52.5	57.5	62.5	67.5	72.5	77.5	82.5	87.5	92.5	97.5
<b>n<sub>i</sub></b>	0.0	0.0	0.0	1.0	1.0	1.0	3.0	7.0	6.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Cumulative n<sub>i</sub></b>	0.0	0.0	0.0	1.0	2.0	3.0	6.0	13.0	19.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
<b>m<sub>i</sub>*n<sub>i</sub></b>	0.0	0.0	0.0	17.5	22.5	27.5	97.5	262.5	255.0	47.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>n<sub>i</sub>*(m<sub>i</sub> - μ)<sup>2</sup></b>	0.0	0.0	0.0	361.0	196.0	81.0	48.0	7.0	216.0	121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Min</b>	15																			
<b>Q1</b>	33	15																		
<b>Median</b>	38	33.3																		
<b>Q3</b>	42	37.9																		
<b>Max</b>	50	41.7																		
<b>Mean (μ)</b>	37	50																		
<b>Std. Dev. (σ)</b>	7																			