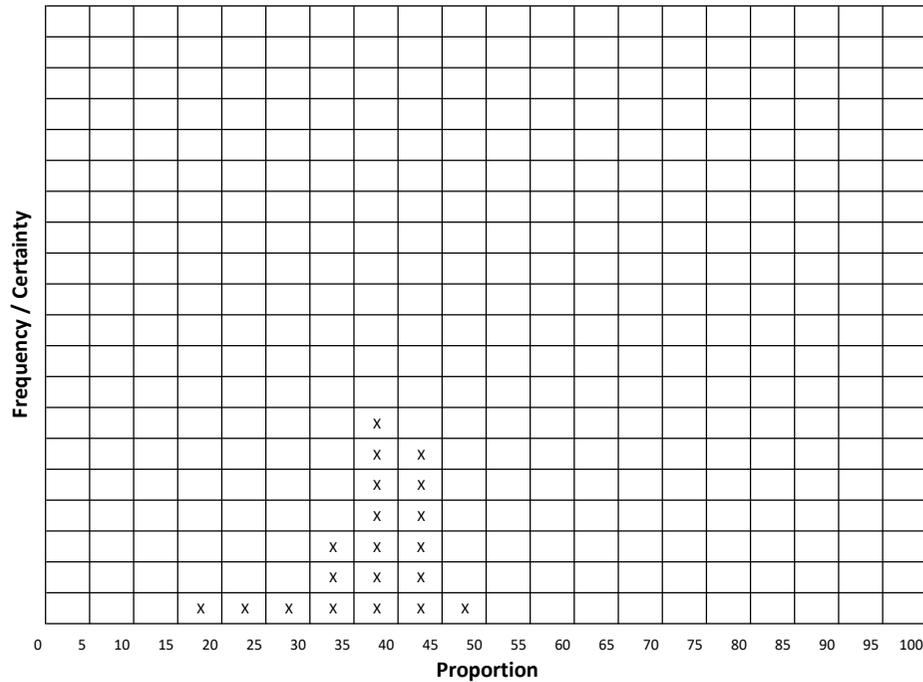


Of those who would otherwise present to the ED, but would not be admitted

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



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

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

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

where:

n_i : The frequency of the i th bin

m_i : The midpoint of the i th bin

μ : The mean

N : The total sample size

m_i	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	
n_i	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	
Cumulative n_i	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	
$m_i * n_i$	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	
$n_i * (m_i - \mu)^2$	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	
Min	15	15																			
Q1	33	33.3																			
Median	38	37.9																			
Q3	42	41.7																			
Max	50	50																			
Mean (μ)	37																				
Std. Dev. (σ)	7																				