$\begin{array}{c} {\rm Median~and~IQR} \\ {\rm Mean~and~Standard~Deviation} \end{array}$

Example 1 Income for ten families (in thousands of dollars):

$Q_1 =$	first quartile	
M =	median	35
		42
$Q_3 =$	third quartile	50
		54
IQR =	***************************************	55
	interquartile range	58 64
$\bar{x} =$	mean	64 82
		86
		95
		50
s =	standard deviation	

Example 2 Income for eleven families (in thousands of dollars):

$Q_1 =$	first quartile	
		35
M =	median	42
		50
$Q_3 =$	third quartile	54
		55
IQR =	interquartile range	58
		64
$\bar{x} =$	mean	82
		86
		95
		1000

standard deviation