The IQ scores that occur with the highest frequency are the middle scores between 85 and 115. In other words, 68% of all the people return an IQ score between 85 – 115.

A further 14% return scores between 70 – 85

and another 14% scores between 115 – 130.

So, in effect, 95% of the people tested return scores between 70 – 130.

However, test scores <70 and >130 were also recorded.

As you proceed away from the middle score of 100, each score’s frequency decreases, with the highest and lowest scores having very low frequency.

These low frequency scores are termed extreme values or outliers.

Just think what the world would be like with too many ‘idiots’ or too many ‘geniuses’ and you should begin to appreciate the normal distribution.