

I wonder if baby girls tend to weigh less when they are born than baby boys? I have been given a set of weights of 29 boys and 30 girls born at Auckland hospitals recently and I am going to use this data set to answer my question.

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The graph shows that the average masses for boys and girls in this data set are about the same. The middle line in the box measures the average mass and they are both just about in the same place on the scale. This is confirmed by the median values in the table below. The median for boys was 3080 grams and the median girls mass was 3081 grams.

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The middle 50% of baby boys weights has almost all of the middle 50% of the baby girls weights inside it.

Summary of weight by Gender								
	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	Std.dev	Sample.Size
Boy	1630	2860	3080	3136	3710	4321	714.85	29
girl	1924	2698	3081	3097	3479	4921	761.25	30

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I can't call that baby girls born in Auckland hospitals tend to weigh less than boys when they are born.

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