Plot wise graphs description

Total spent on properties per county bar chart – This bar chart details the total combined value of all sales per county. Dublin had by far the most in total sales revenue at over 1.2 billion compared to second place cork at around 250 million. This can be seen because of Dublin having the most in terms of total sales while also having the highest average price as can be seen below.

Average Price per property bar chart - Dublin again had the highest average sales price with a value of nearly 400 thousand per sale, followed by Wicklow which had an approximate average of 325 thousand. Longford as well as having the least number of total sales also had the lowest average price per property showing that it may not be a desirable location to buy a property.

Average price bar chart – This shows that Wicklow and Dublin were the only outlier counties with an average price that was above 3/2 times the higher quartile. It also shows that the average price of an average home in a random county is 175 thousand (median) with a higher quartile of approximately 275 thousand.

Price per postal code bar chart- The price per postal code graph shows that for the rows that had data available, on average Dublin six was the most expensive followed by Dublin 4 at around 700 and 625 thousand , while Dublin 10 was the least expensive at approximately 190 thousand.

Price per postal code box plot – this box plot showed one outlier Dublin six was greater than 3/2 times the higher quartile.

Price per year bar chart – This shows that properties fell each year from 2010 to 2013 on average from 240 thousand to 190 thousand before increasing each year until 2021, increasing in that year by 120 thousand compared to 2013. There was a slight decrease in 2022, however this data set has yet to be completed.

Average price per day and per month - Both these graphs show that there is little difference in price when comparing the time of year in which properties are bought even when considering the increase in total sales towards the end of the year.

Not full market price per county - This graph shows that there is a low percentage of homes that do not sell for their full value in all counties and this is consistent country wide.