

# [House prices between newcastle and birmingham](https://assignbuster.com/house-prices-between-newcastle-and-birmingham/)

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Introduction Houses prices in Newcastle are more expensive than Birmingham. Newcastle is one of the largest cities in the UK, it has more than 500 shops in the city centre. Newcastle is famous in sport and it has one of the biggest stadiums in the UK; the St James’s park, home for Newcastle United football team. The thing about Newcastle is that you can see the mixture between the old and traditional buildings and the modern buildings which gives the city a beautiful view, it also known by its famous bridge and river which it called the Tyne Bridge. Newcastle is popular by its major universities which they are Newcastle University and Northumbria University. Famous places that are recommended to visit are The Millenium Bridge, The Quayside, and Theatre Royal.   
Birmingham is the UK’s second largest city. And one of the most greenest city in the UK, it also has a major university called University of Birmingham its known as one of the best universities in the UK. Birmingham is famous by its big and beautiful theatre the Birmingham Hippodrome.   
For this project I collected secondary data by websites and I looked at 30 houses prices and the difference between two different cities   
Property prices in Birmingham   
Properties in Birmingham   
  
Type of house   
Bedrooms   
Price   
1   
detached house   
4   
£ 650, 000   
2   
semi-detached house   
5   
£ 650, 000   
3   
semi-detached house   
6   
£ 665, 000   
4   
detached house   
5   
£ 675, 000   
5   
detached house   
6   
£ 695, 000   
6   
detached house   
6   
£ 699, 950   
7   
detached house   
6   
£ 720, 000   
8   
detached house   
8   
£ 750, 000   
9   
detached house   
4   
£ 775, 000   
10   
detached house   
5   
£ 795, 000   
11   
detached house   
5   
£ 820, 000   
12   
detached house   
6   
£ 825, 000   
13   
detached house   
4   
£ 850, 000   
14   
detached house   
5   
£ 875, 000   
15   
detached house   
5   
£ 890, 000   
16   
detached house   
4   
£ 899, 000   
17   
semi-detached house   
4   
£ 925, 000   
18   
detached house   
5   
£ 985, 000   
19   
detached house   
6   
£ 995, 000   
20   
detached house   
6   
£ 1, 200, 000   
21   
detached house   
7   
£ 1, 250, 000   
22   
detached house   
8   
£ 1, 330, 000   
23   
detached house   
8   
£ 1, 450, 000   
24   
detached house   
6   
£ 1, 675, 000   
25   
detached house   
8   
£ 1, 700, 000   
26   
detached house   
6   
£ 1, 800, 000   
27   
detached house   
10   
£ 1, 995, 000   
28   
detached house   
6   
£ 2, 000, 000   
29   
detached house   
9   
£ 2, 100, 000   
30   
detached house   
8   
£ 2, 300, 000   
mean   
£ 1, 131, 298   
median   
£ 894, 500   
Property prices in Newcastle   
Type of house   
Bedrooms   
Price   
semi-detached house   
6   
£ 650, 000   
detached house   
5   
£ 700, 000   
detached house   
5   
£ 740, 000   
detached house   
5   
£ 745, 000   
detached house   
4   
£ 750, 000   
detached house   
4   
£ 760, 000   
detached house   
4   
£ 765, 000   
detached house   
4   
£ 795, 000   
detached house   
4   
£ 800, 000   
semi-detached house   
5   
£ 825, 000   
semi-detached house   
5   
£ 845, 000   
semi-detached house   
5   
£ 850, 000   
detached house   
5   
£ 895, 000   
detached house   
6   
£ 899, 950   
terraced   
6   
£ 900, 000   
semi-detached house   
6   
£ 925, 000   
detached house   
6   
£ 950, 000   
detached house   
5   
£ 975, 000   
detached house   
6   
£ 995, 000   
bungalow   
2   
£ 1, 000, 000   
detached house   
4   
£ 1, 100, 000   
terraced   
7   
£ 1, 195, 000   
detached house   
7   
£ 1, 250, 000   
semi-detached house   
7   
£ 1, 275, 000   
detached house   
6   
£ 1, 490, 000   
semi-detached house   
8   
£ 1, 500, 000   
semi-detached house   
6   
£ 1, 600, 000   
terraced   
5   
£ 1, 845, 000   
detached house   
5   
£ 1, 999, 500   
detached house   
6   
£ 2, 995, 000   
mean   
£ 1, 100, 482   
median   
£ 925, 000   
A review of the data from Birmingham and Newcastle reveals a significant difference in the types of houses available in both cities. In Birmingham, most houses have 6 bedrooms while in Newcastle, most houses have 5 bedrooms.   
Unlike Birmingham, Newcastle has a higher variety in types of houses available. Besides, semi-detached and detached houses, there are bungalow s and terraced houses available in the market. Demand for detached and semi-detached houses however, is high in both towns.   
The data from the two cities is relatively similar in terms of house availability in relation to price. Cheap houses are readily available while the expensive ones are hardly available.   
Median = £ 900, 000   
Upper quartile range= £ 1, 325, 000   
Lower quartile range= £ 725, 000   
Inter-quartile range= 1, 325, 000 – 725, 000 = £ 600, 000   
Median= £ 925, 000   
Upper quartile range= £ 1, 100, 000   
Lower quartile range= £ 600, 000   
Inter-quartile range= 1, 100, 000- 600, 000 = £ 500, 000   
Grouped Frequency table for Birmingham   
Frequency   
Mid-Point   
Fx Mid-Point   
Fx Mid-Point x Mid-Point   
500000   
1000000   
19   
750000   
14250000   
1. 06875E+13   
1000000   
1500000   
4   
1250000   
5000000   
6. 25E+12   
1500000   
2000000   
4   
1750000   
7000000   
1. 225E+13   
2000000   
2500000   
3   
2250000   
6750000   
1. 51875E+13   
Total   
30   
Total   
£33, 000, 000   
4. 4375E+13   
Grouped Frequency table for Newcastle   
Frequency   
Mid-Point   
Fx Mid-Point   
Fx Mid-Point x Mid-Point   
500000   
1000000   
19   
750000   
14250000   
1. 0688E+13   
1000000   
1500000   
6   
1250000   
7500000   
9. 375E+12   
1500000   
2000000   
4   
1750000   
7000000   
1. 225E+13   
2000000   
2500000   
0   
2250000   
0   
0   
2500000   
3000000   
1   
2750000   
2750000   
7. 5625E+12   
Total   
30   
Total   
£31, 500, 000   
3. 9875E+13   
Summary table of results   
Birmingham   
Newcastle   
Comments   
Range   
£ 650, 000 - £ 2, 300, 000   
£ 650, 000 - £ 2, 995, 000   
Raw data Mean   
£ 1, 131, 298   
£ 1, 100, 482   
Raw data Median   
£ 894, 500   
£ 925, 000   
Mean from the frequency table   
£1, 100, 000   
£ 1, 050, 000   
Median from the frequency table   
£ 900, 000   
Standard deviation   
£518, 812. 75   
£476, 095   
Upper Quartile   
£ 1, 325, 000   
£ 1, 100, 000   
Lower Quartile   
£ 725, 000   
£ 600, 000   
Inter-quartile range   
£ 600, 000   
£ 500, 000   
Mode bedrooms   
6   
5   
Mode type of property   
Detached houses   
Detached houses