

Geographical Information Systems

Assignment1

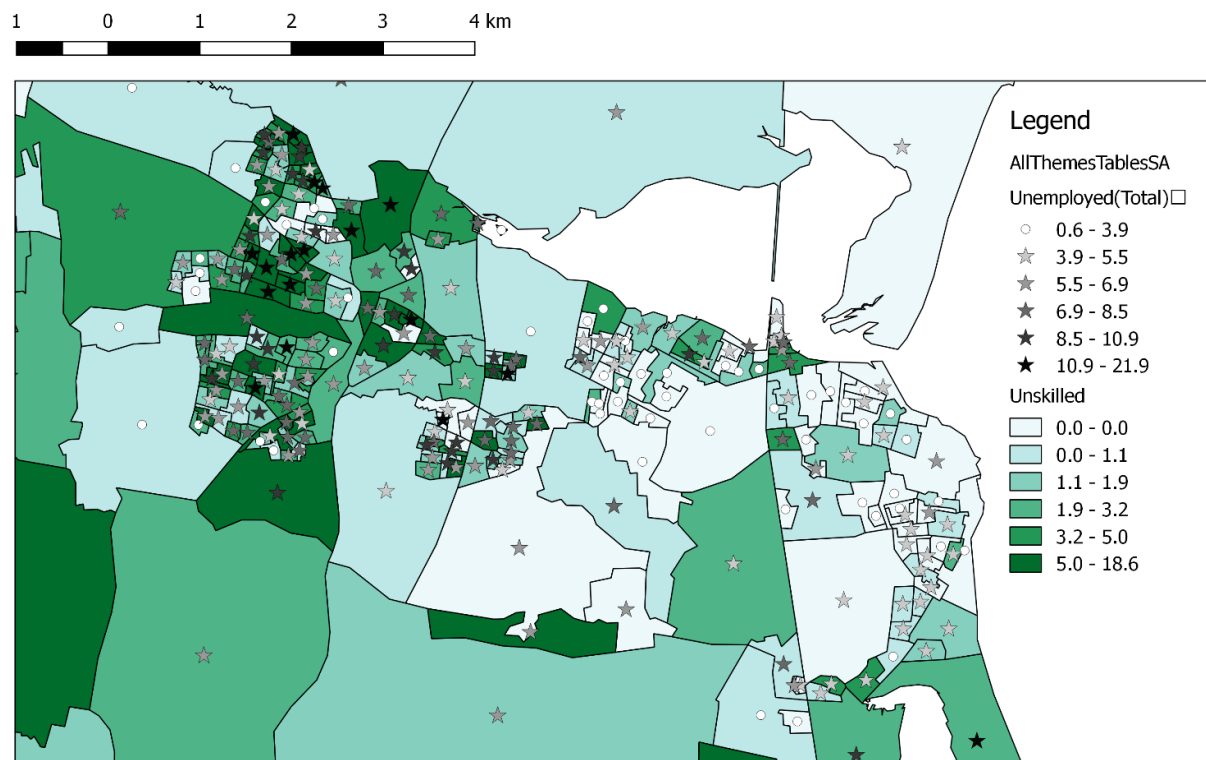
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Introduction

In this assignment, 2011 and 2016 census data will be examined and compared by searching for a correlation in educational achievement and employment prospects.

The area that will be researched is Swords and Malahide in the Fingal Dublin area. In order to do this, the Small Area Data was chosen because it can tell significant insights on small towns. If the data was bigger, there would not be enough data to tell them apart.



As a resident of Dublin Fingal, it is generally said that there is a class difference between these two towns even though they are right next to each other. The map above has two settlements. Swords the the right hand side and Malahide on the right.

There are two pieces of data overlapping each other. Unemployment as coloured data and the unskilled data is the start and circle data. This is from 2011 and is only three years after the 2008 financial crisis. In most regions in Swords, there are high unemployment and higher unskilled workers, although in Malahide there is low unemployment and high skilled workers.

As seen below from the 2016 image, there are vast changes to the two towns. As the Irish economy grew, more jobs were created and this had a massive effect of Swords. Malahide only improved a small amount due to it always being a high employed and high skilled area.



Conclusion

As seen clearly from the data, there is a correlation between how well skilled an area is and the employments levels.