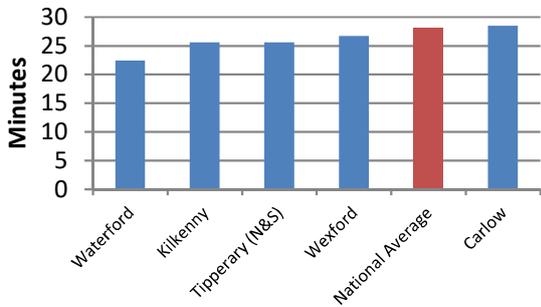
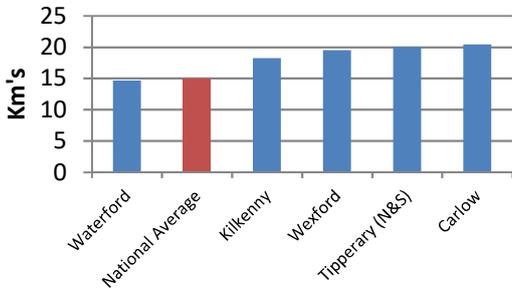


- The average commute in the SE is 25 minutes, national average is 28 minutes.
- But the average distance travelled is longer. This is consistent with less congestion on the daily commute in the SE. Within the SE; county Waterford residents experience the shortest average commute (22.4 min/15 Km): county Carlow residents experience the longest average commute (28.5 min/20 Km).
- Over 23,000 residents in the South East spend 45 minutes or more travelling to work. This is 14.9% of the commuting population of the SE. The equivalent figure for the national population is 18.3%. More Carlow residents also have the longer commutes – 20% of county Carlow commuters spend 45 minutes or more commuting (one way); the equivalent for county Waterford commuters is 11%.

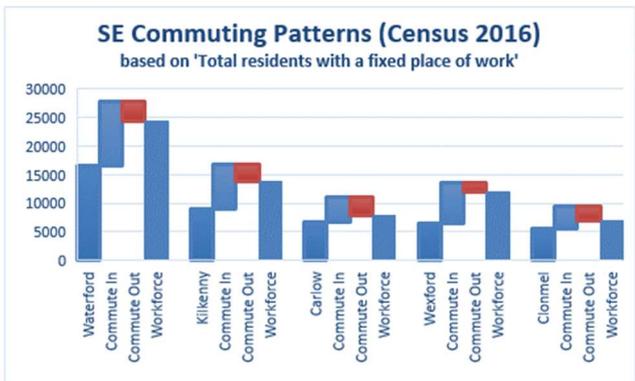
**Average travel time by county (Census 2016)**



**Average travel distance by county (Census 2016)**



**Patterns- Flows to and from the main population centres**



- Waterford city experiences the largest inflows of people who commute to the city to work with many more people arriving to Waterford city than leaving it on a daily basis. Waterford city has the highest rate of residents (79%) who both live and work in the same city. Waterford is almost twice as big as the next largest centre (Kilkenny) in terms of people with a fixed place of work.
- Of the 5 largest population centres in the region, Carlow town has the largest outflows relative to inflows – reflecting the likely pull factor towards Dublin. 50% of those who live in Carlow work elsewhere.

## Recent Road Network Investment



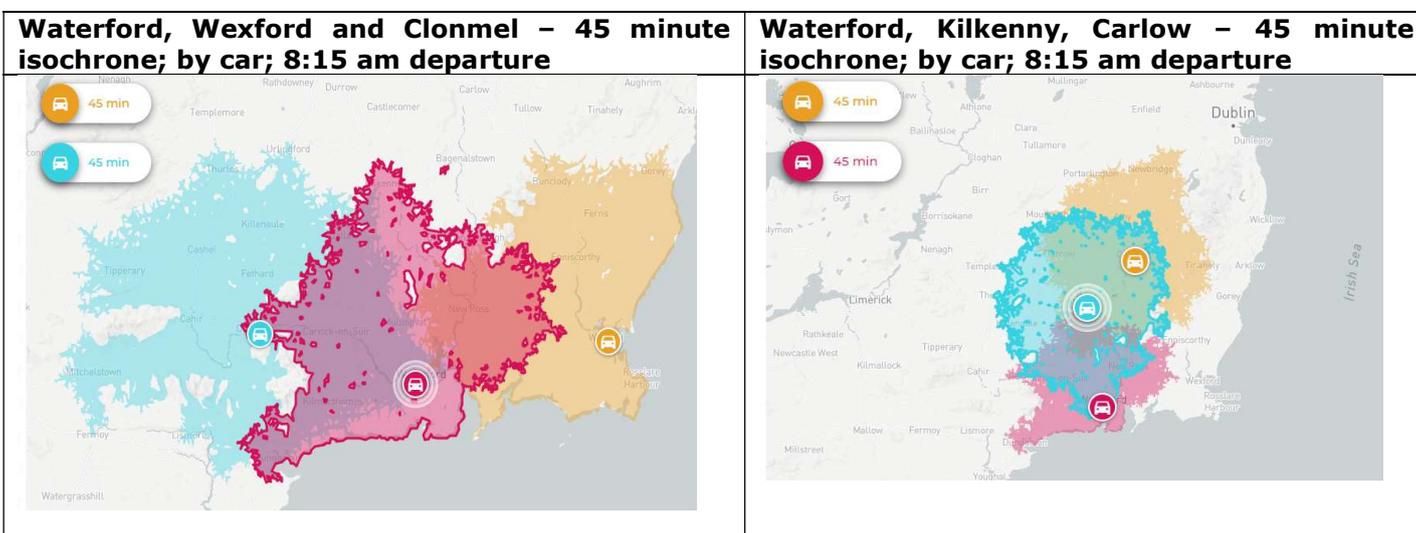
- M11 €350m (Gorey to Enniscorthy extension | August 2019)
- N25 €217m (New Ross Bypass | May 2019)
- M11 €282 (Arklow-Rathnew | July 2015)
- M9 Carlow to Knocktopher (€467| Sept. 2010)
- N25/M9 Suir Bridge and Waterford bypass (€255 m | Oct 2009)
- M9 Knocktopher to Waterford bypass (274m | June 2009)

**Total identified road investment €1.845bn**

(source Tii/NRA)

## Time-versus-Distance: a commutable range

- The 45-minute commute range shows a high degree of inter-connectedness between the main population centres of the SE.
- There are very few major population centres outside the region that are within the 45-minute commute range of a major centre within the region. Only the outer edges of Dublin (Newbridge, Naas and Citi-West) is within 45 minutes of Carlow.



## Conclusions

- Commuting patterns suggest that the SE operates as a region, with significant internal commuting patterns established in census 2016 data.
- Road network analysis shows there is a high-degree of interconnectedness between the population centres of the region in a 45-minute real-life travel time.
- Waterford has double the workforce of the next largest population centre.

## About

SENER aspires to present a selection of key economic indicators for the SE region, to aid understanding and inform decision making. It is prepared by independent, non-politically affiliated academics who are part of the South East Network Social and Economic Research ([www.senser.ie](http://www.senser.ie)), an initiative of AIB CFBR and CEDRE at Waterford Institute of Technology School of Business. All opinions expressed are those of the authors, any errors and omissions are the sole responsibility of the authors; please bring them to the attention of the authors.

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