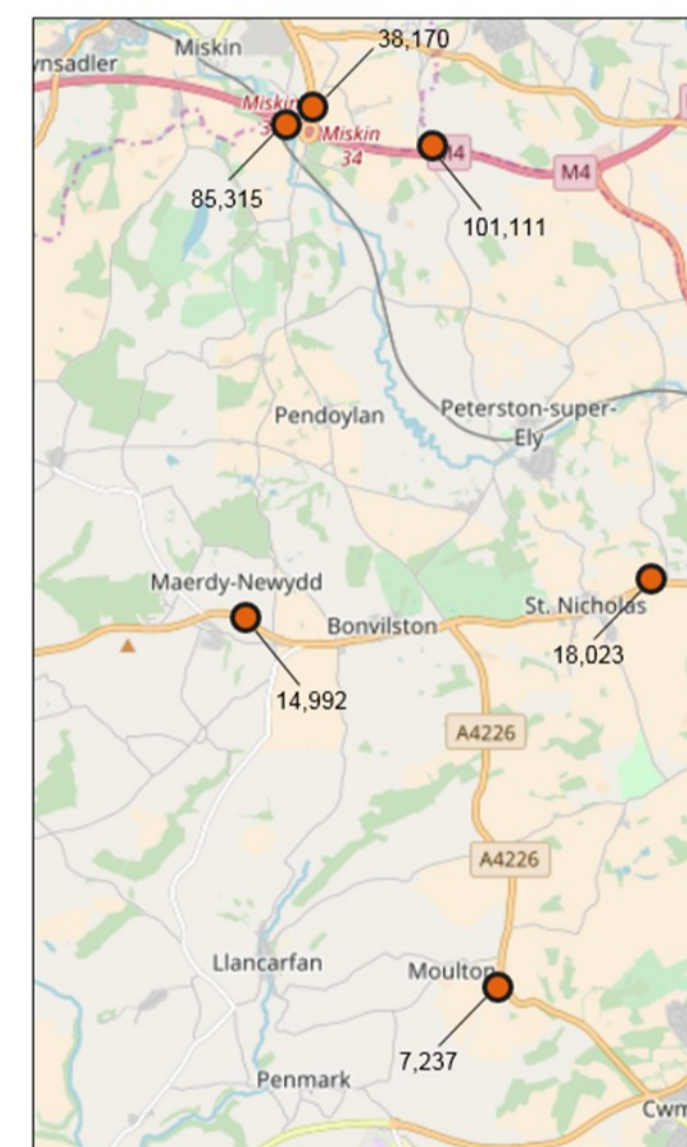
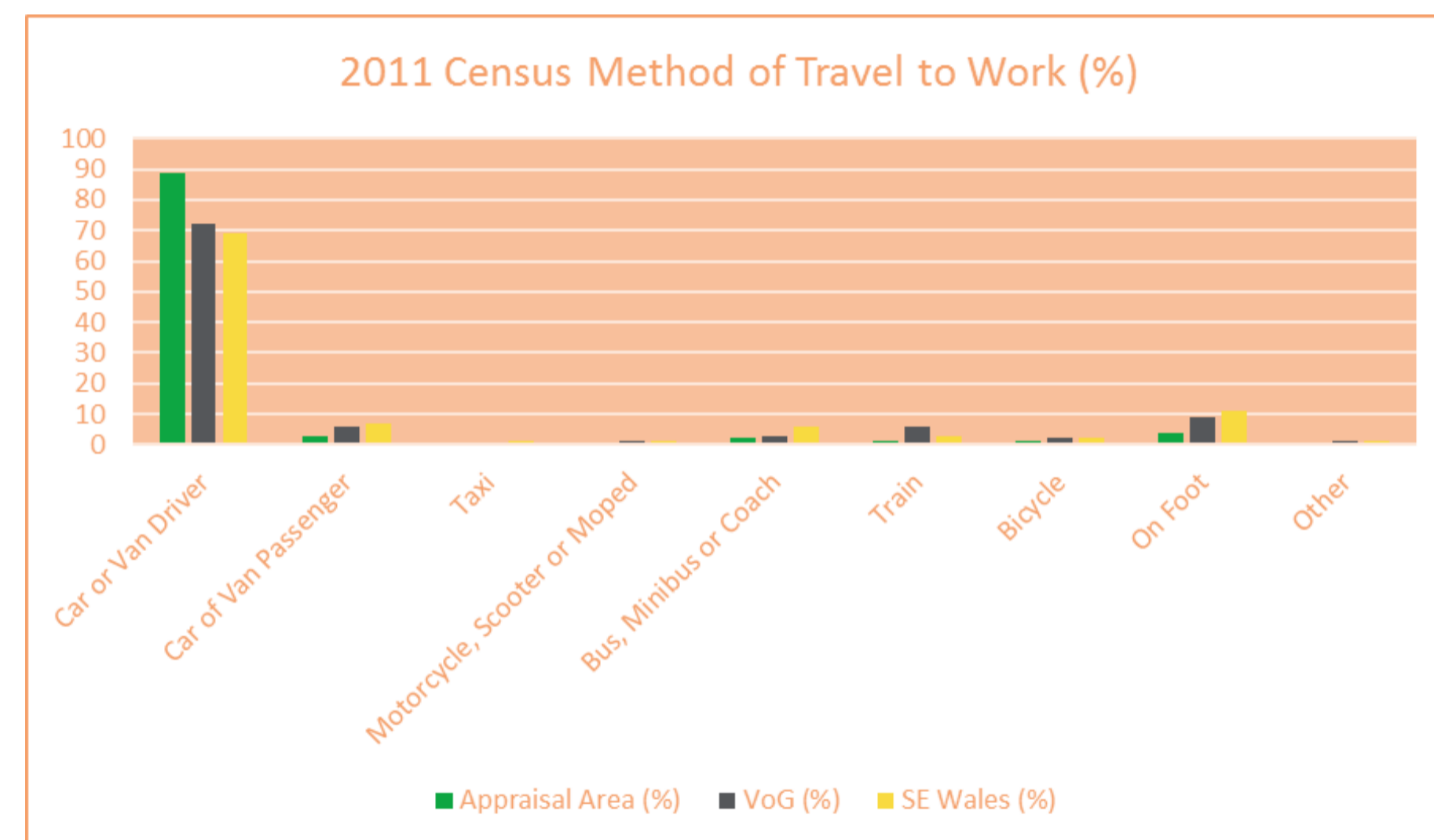


Problems

- Existing highway routes very constrained in width and alignment. Difficulties in passing and poor access, yet said to form a rat-run at peak times.
- High car dependence in local area with limited alternatives (92% of journeys to work compared to 78% in Vale as a whole).



- Traffic flows (AADT) on links in the vicinity show usage of Five Mile Lane from the A48
- Congestion and resilience issues on the M4 and the A48/A4232 around Culverhouse Cross

- Flows on road to and from Pendoylan at Sycamore Cross 246 vehicles in AM peak hour and 282 in PM peak hour (Five Mile Lane TA) (AADT flow of 5,000 vehicles estimated)
- Poor connections between the M4 corridor and Cardiff Airport

- Limited public transport options to Cardiff Airport, particularly from the west - high reliance on car travel to access airport (73%)

- No rail services serving study area
- Local bus services through the area but no connections to Cardiff Airport/ strategic employment to the south
- No cycling provision

