

Spatial Analysis of Disease
An Exploration of Respiratory Hospitalisations in Port Hedland

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Examining patient-level health data allows the application of numerous geo-statistical analysis techniques. However there are also limitations surrounding their use that are unique to health projects. Presented in this poster will be the results of analysing hospital admission data at both the area and point-level resolution. This study investigated the spatial variation in hospital admissions within the town of Port Hedland, Western Australia, over the years 1993 to 2004. In particular, estimation of the risk of being admitted to hospital for respiratory, cardiovascular or digestive diseases was calculated.