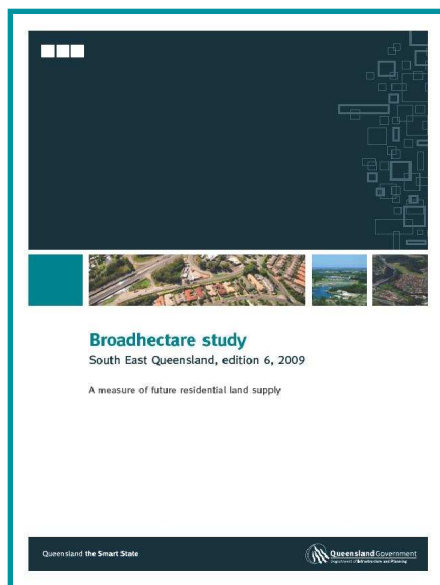




# Broadhectare Study South East Queensland, edition 6, 2009

## A measure of future residential land supply

The Department of Infrastructure and Planning is a leading provider of planning information for business decision makers.



### What is the broadhectare study?

The broadhectare study measures land supply based primarily on larger parcels for future residential development and its capacity to house resident population. The land identified in the study is the first stage in the land development pipeline and includes parcels of land that are identified as suitable and potentially available for future residential development. For this study the term 'broadhectare land' is used to describe these holdings and mainly includes land parcels greater than 2500m<sup>2</sup>.

The identified broadhectare land stock is classified as being suitable for either urban residential development or lower density residential development and an indicative development time frame assigned.

### Methodology

The identification of broadhectare land requires an analysis of the characteristics of land that affects residential development. These characteristics can be categorised into administrative and physical constraints.

The geographic information system (GIS) analysis technique used in the broadhectare studies involves creating a land parcel based model over a local government area and then populating each segment with information that affects the suitability and availability of land for residential development. Using rule-based filtering, broadhectare land stocks can be readily identified.

The results are stored in a spatial data format, which enables the information to be integrated and analysed with any other geographic information.

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