

A Provisional Air Transport Demand Model for Trinidad and Tobago

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Abstract: *Over the past twenty years, the number of visitors arriving at and departing from airports in the Caribbean region has grown substantially and continuously. Such increases have been facilitated by improved air service links with other part of the world and the development of intra-regional air transport. In order to accommodate future growth in passenger volumes in the Caribbean region, it is certain that large scale capital investment programmes will be required in the air transport sector, both in terms of aircraft and in relation to airport facilities. This paper describes the development of a provisional mathematical model to identify factors influencing the number of visitors arriving in Trinidad and Tobago by air. Using a modelling technique, highly significant results were obtained for three major zones of origin, namely, U.S.A., Canada and the rest of the West Indies. The major influencing factors which were isolated were the economic population and per capita income of the origin regions and the real values of airfare.*

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