

## **Evolution of Mode Choice of Passengers across the Western and Southern Provinces at Coastal Transport Corridor**

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**Abstract:** The Coastal Transport Corridor consists of the Coastal Railway Line, Colombo-Galle (A002) Highway and the Southern Expressway. In the years between 2013 and 2017 both the Southern Expressway and the Coastal Railway Line has been extended up to Matara in order to increase their reach.

This research paper attempts to investigate how mode choice of passengers have switched between the railway, A002 Road and the Southern Expressway in the years passed since 2013 – 2017 by analyzing modal splits in 2013 and 2017. The modal splits are determined using the data from classified vehicle counts and railway passenger counts carried out on the Western and Southern Province border for all three routes in 2013 and 2017. The research will also attempt to analyze possible reasons for any shifts in modes between three operational transport routes available across the coastal transport corridor.

**Keywords:** *Coastal Transport Corridor, Modal Splits, Mode Choice*