

Using the NETSCAN model to evaluate air connectivity: The case of Tan Son Nhat International Airport

NGUYEN TRAN LE & NGUYEN DUY THAI

University of Economics and Finance - HCMC

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Abstract:

To develop market demand-based recommendations for potential new routes and improved flight schedule connection times and hubs between Tan Son Nhat International Airport and APEC economies, this paper analyzes air passengers' demand to provide the ratio and propose the NETSCAN model. Among APEC economies, this study discovered five destinations and two potential hub connectivities whose services require further improvement. These results are expected to help airlines and regulators develop more accurate demand predictions so the APEC economies can provide better air connectivity services, capacity and schedules.

Keywords: Air connectivity; air transport; NETSCAN model; SGN; Tan Son Nhat International Airport.