

## Fare Policy and Collection



### **Synthesis 160**

#### **Fare Capping: Balancing Revenue and Equity Impacts**

This report includes a review of the literature; a survey of 35 North American transit agencies that have recently considered implementing, are in the planning stages of implementing, or have implemented fare capping; and detailed case examples for five transit agencies that provide greater insight into the motivations, program designs, implementations, and lessons learned.

### **Report 234**

#### **Measuring and Managing Fare Evasion**

This report explores in detail the recent past and emerging future of fare enforcement on transit systems.

### **Report 115**

#### **Smartcard Interoperability Issues for the Transit Industry**

This report explores interoperability; identifies information needed by public agencies to implement smartcard payment systems interoperability; examines the necessary information flows; and outlines a set of functions needed for a standard public domain application programming interface (API) that may be used in the development of a uniform application protocol data unit (APDU). The report also includes a prototype for an API and an APDU that demonstrates this “proof of concept” for International Organization for Standardization-compliant Type A and Type B cards.

### **Report 94**

#### **Fare Policies, Structures and Technologies: Update**

This report identifies, describes, and evaluates key fare structures, policies, and technologies that are being considered by transit agencies, with a focus on their impact on customers, operations management, and effective and equitable fare integration. The report includes data on fare structures, policy-making procedures, and ongoing efforts to implement fare technology.

### **Synthesis 125**

#### **Multiagency Electronic Payment Fare Systems**

This report describes the current practice, challenges, and benefits of utilizing electronic fare payment systems (EFPS), such as smart cards. This synthesis reviews current systems and identifies their major challenges and benefits; describes the use of electronic fare systems in multimodal, multiagency environments; and reviews next-generation approaches through existing implementation case examples.

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