



*The World's Largest Open Access Agricultural & Applied Economics Digital Library*

**This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.**

**Help ensure our sustainability.**

Give to AgEcon Search

AgEcon Search

<http://ageconsearch.umn.edu>

[aesearch@umn.edu](mailto:aesearch@umn.edu)

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

*No endorsement of AgEcon Search or its fundraising activities by the author(s) of the following work or their employer(s) is intended or implied.*

# Pre-Meeting Proceedings\*

*McVey, Pautsch, Fenn & Bammel*  
*Agricultural & Transportation*  
*Infrastructure Issues in the 21st*  
*Century*

## Transportation Research Forum

34th Annual Meeting



Editor:  
Russell B. Capelle, Jr.

October 21-23, 1992  
St. Louis, Missouri

\*"The St. Louie Book"

**SECTION 1**

**AANESTAD - GLISSON**

## CENSUS OF TRANSPORTATION

### 1993 COMMODITY FLOW SURVEY

The Commodity Flow Survey (CFS) will collect 1993 shipment data from manufacturing, mining, wholesale, and selected retail and service establishments. The shipment data will include distance distributions and origin-destination flows by type of commodity, modes used, shipment size, and value, plus check box indicators for hazardous materials, containerization, and exports. Proposed tabulations include commodity detail to the 5-digit level of the Standard Transportation Commodity Classification for the U.S., plus geographic detail for States and for 89 National Transportation Analysis Regions (which are aggregations of BEA Economic Areas) at the 3-digit STCC level.

The last effort to collect nationwide data on interregional commodity movements for all modes of transportation was completed for 1977, and those data are still being used to analyze truck size and weight limits, highway user charges, carrier mergers, and the impacts of transportation investments on international productivity. These data do not reflect the dramatic changes caused by deregulation, the growth of international trade, and other developments in the last decade.

The 1993 CFS differs from its predecessor in greatly expanded industry coverage and in treatment of intermodalism. The previous surveys reported only the principle mode. The 1993 survey will report all modes used for each shipment to identify the volume of intermodal activity and the share among individual modes. A sophisticated method of determining route distances by mode for each shipment is being developed by Oak Ridge National Laboratory.

The Bureau of the Census will conduct the CFS as a part of the Economic Censuses. The sample will be selected from the Census Bureau's Standard Statistical Establishment List, which includes every business location in the U.S. with one or more employees. The quarterly survey will capture approximately 24 million shipments from over 200,000 establishments. The sample of shipments will be expanded to industry aggregates based on establishment level results from the 1992 Economic Censuses.

A working group of staff from the U.S. Department of Transportation (DOT), the Bureau of the Census, and Oak Ridge have been working for over a year to plan the CFS. The CFS will be conducted in CY 1993 and its reports published in 1995. For further information, contact Rolf Schmitt at the DOT (202) 366-9258 or Jim Aanestad at Census (301) 763-7347.

Aanestad