

ADB activities on Transport Data

James Leather
Asian Development Bank

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The ADB logo is located in the bottom right corner. It consists of the letters "ADB" in a white, serif font, centered within a dark blue square.

ADB

The ADB study “Transport and Carbon Dioxide Emissions: Forecasts, Options Analysis, and Evaluation” (2009)

- “existing aggregate data tell us only approximately how many vehicles of each kind have been at one time registered nationally or by state. In almost no Asian developing country are data collected or official estimates made of how far vehicles by type and fuel are driven in a year or how much fuel each vehicle-fuel combination consumes. There are also no regular national travel or commodity flow surveys. At the state or metropolitan level are occasional travel surveys and traffic counts but little reliable data on fuel consumption and almost no data on vehicle use.”

Initiator SLoCaT and GTI

- ADB was instrumental in establishment of SLoCaT partnership
- ADB, through MoU with IDB has been one of early supporters of GTI concept
- Conducted study on availability and quality of transport data in 8 Asian countries: India, Indonesia, Nepal, Philippines, Pakistan, PRC, Sri Lanka, and Viet Nam (mirror of similar study by IDB in Latin America)

Assessment of Vehicle Data

[illegible]

Assessment of Data on Transport Activity

	Air Inter	Air Dom	Water Inter	Water Dom	Conveyor	Pipeline	Rail	Road	Bicycle	Walk	Unit	Variables
Available Sub-attributes	54%	53%	39%	30%	14%	37%	28%	30%	-	As %		
Data Quality	3	3	3	2	1	2	3	2	-	5 highest		
Time Series Available	54%	53%	38%	21%	18%	37%	23%	12%	-	% yes		
Quality assurance protocols	28%	28%	14%	13%	0	15%	7%	8%	-	% in practice		
Data accessible third parties	53%	52%	38%	25%	14%	38%	22%	23%	-	% yes		
Data collector	Gov	Gov	Gov	Gov	Industry	Gov	Gov	Gov	-	Most frequent		
Data collection frequency	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	-	Most frequent		

Assessment of Data on Transport Energy Sources

Variables	Unit	Walk	Bicycle	Road	Rail	Pipe line	Conveyor	Water Dom	Water Inter	Air Dom	Air Inter
Available Sub-attributes	As %	-	-	28%	31%	3%	2%	32%	38%	35%	43%
Data Quality	5 highest	-	-	4	2	1	1	2	3	3	3
Time Series Available	% yes	-	-	15%	28%	2%	2%	26%	38%	42%	42%
Quality assurance protocols	% in practice	-	-	15%	5%	0%	0%	8%	17%	28%	28%
Data accessible third parties	% yes	-	-	17%	24%	2%	2%	22%	38%	36%	36%
Data collector	Most freq	-	-	Gov	Gov	Gov	Gov	Gov	Gov	Gov	Gov
Data collection frequency	Most freq	-	-	Ann	Ann	Ann	Ann	Ann	Ann	Ann	Ann

Assessment of Emissions Data

Variables	Unit	Walk	Bicycle	Road	Rail	Pipe line	Conveyor	Water Dom	Water Inter	Air Dom	Air Inter
Available Sub-attributes	As %	-	-	50%	70%	44%	31%	70%	65%	58%	58%
Data Quality	5 highest	-	-	3	3	-	-	3	3	3	3
Time Series Available	% yes	-	-	4%	15%	13%	-	15%	3%	2%	2%
Quality assurance protocols	% in practice	-	-	1%	3%	13%	-	3%	3%	2%	2%
Data accessible third parties	% yes	-	-	40%	50%	13%	-	53%	40%	42%	33%
Data collector	Most frequent	-	-	Gov	Gov	Gov	-	Gov	Gov	Gov	Gov
Data collection frequency	Most frequent	-	-	Annual	Annual	-	Other	Annual	Annual	Annual	Annual

ADB Transport Data Initiative (timing)

- Under development, expected to start second half 2011
- To support policy making and the preparation of investment plans data collection in Asia should include trend analysis (e.g. 2000 – 2010) and forecasting up to 2020 or 2025.

ADB Transport Data Initiative (scope)

- Land, water and air transport. Transport infrastructure (road, rail etc.) as well transport services and environmental, economic and social impacts.
- All ADB member countries

ADB Transport Data Initiative - implementation

- Budget ~ \$ 1.5 million, project duration about 1.5- 2 years
- Implementation through consultants
- Coordination and cooperation with GTI: initial data collection (e.g. Joint questionnaire) and analysis
- ADB funding available for additional data collection
- ADB will have its own publication but supports integration/inclusion of Asia data in a joint global publication