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**Deloitte Touche
Tohmatsu**



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**ORIGIN AND DESTINATION SURVEY
OF GOODS TRANSPORTED
IN UZBEKISTAN**

**Contract No. CCN-005-C-00-3123-00
Task Order No. 12-0079-DTT**

November 1994

**Deloitte Touche
Tohmatsu
International**

	under 100km	0.0%	0.1%		
	over 100 km	0.7%	0.7%		
	international	3.8%	2.8%		
chemical fertilizer	all hauls	0.2%	0.2%		
	under 100km	0.1%	0.2%		
	over 100 km	0.3%	0.2%		
	international	0.0%	0.0%		
CHEMICAL AND MINERAL		2.5%	2.3%		
tea	all hauls	0.3%	0.6%		
	under 100km	0.0%	0.0%		
	over 100 km	0.3%	0.4%		
	international	0.0%	0.0%		
rice	all hauls	0.9%	1.1%		
	under 100km	0.5%	0.4%		
	over 100 km	0.7%	0.5%		
	international	0.0%	0.3%		
raw grain	all hauls	0.5%	0.4%		
	under 100km	2.6%	1.9%		
	over 100 km	0.1%	0.1%		
	international	0.0%	0.0%		
flour - flour products	all hauls	0.4%	0.6%		
	under 100km	0.6%	0.5%		
	over 100 km	0.3%	0.4%		
	international	0.0%	0.0%		
fruit and veg	all hauls	29.6%	32.6%		
	under 100km	2.8%	2.2%		
	over 100 km	10.7%	8.1%		
	international	18.4%	24.8%		
tobacco	all hauls	0.8%	1.5%		
	under 100km	0.0%	0.1%		
	over 100 km	0.0%	0.0%		
	international	1.2%	1.8%		
beverages	all hauls	3.1%	2.6%		
	under 100km	1.9%	1.5%		
	over 100 km	1.5%	1.3%		
	international	0.0%	0.0%		
animal feed	all hauls	0.2%	0.2%		
	under 100km	0.0%	0.1%		
	over 100 km	0.1%	0.2%		
	international	0.0%	0.0%		
livestock	all hauls	0.3%	0.3%		
	under 100km	0.4%	0.3%		
	over 100 km	0.2%	0.1%		
	international	0.0%	0.0%		
dairy products	all hauls	0.2%	0.2%		
	under 100km	0.2%	0.2%		
	over 100 km	0.2%	0.1%		
	international	0.0%	0.0%		
meat	all hauls	0.0%	0.0%		
	under 100km	0.1%	0.1%		
	over 100 km	0.0%	0.0%		
	international	0.0%	0.0%		
FOODSTUFFS		36.4%	40.0%		
glass bottles - jars	all hauls	3.0%	2.4%		
	under 100km	0.0%	0.1%		
	over 100 km	1.0%	1.1%		
	international	2.0%	1.3%		
textiles	all hauls	15.3%	18.3%		
	under 100km	1.6%	1.3%		
	over 100 km	12.3%	11.9%		
	international	2.1%	1.5%		
household chemicals	all hauls	2.4%	3.7%		
	under 100km	0.0%	0.1%		

	over 100 km	1.6%	2.7%		
	international	0.7%	1.1%		
household goods	all hauls	1.6%	1.4%		
	under 100km	0.7%	0.5%		
	over 100 km	1.5%	1.3%		
	international	0.4%	0.0%		
furniture	all hauls	0.8%	1.0%		
	under 100km	0.4%	0.4%		
	over 100 km	0.9%	0.9%		
	international	0.0%	0.0%		
paper	all hauls	2.2%	3.1%		
	under 100km	0.0%	0.0%		
	over 100 km	2.2%	3.0%		
	international	0.0%	0.0%		
HOUSEHOLD		28.4%	31.9%		
Types of Trucks In Use in Uzbekistan - Inside and Outside MinAvto - overall					
Make and Model	Type of vehicle	Percent of All Trucks	Percent of All Trucks		
Gaz 33	Total	0.6%	0.4%		
	Side Load	0.0%	0.0%		
	Semi	0.0%	0.0%		
	Refrig	0.0%	0.0%		
	Dump	0.0%	0.0%		
	Box	0.0%	0.0%		
	Cistern	0.0%	0.0%		
Gaz 51	Total	0.6%	0.7%		
	Side Load	0.0%	0.0%		
	Semi	0.0%	0.0%		
	Refrig	0.0%	0.0%		
	Dump	0.0%	0.0%		
	Box	0.0%	0.0%		
	Cistern	0.0%	0.0%		
Gaz 52	Total	3.8%	3.3%		
	Side Load	0.0%	0.0%		
	Semi	0.0%	0.0%		
	Refrig	0.0%	0.0%		
	Dump	0.0%	0.0%		
	Box	0.0%	0.0%		
	Cistern	0.0%	0.0%		
Gaz 53	Total	11.8%	12.0%		
	Side Load	0.0%	0.0%		
	Semi	0.0%	0.0%		
	Refrig	0.0%	0.0%		
	Dump	0.0%	0.0%		
	Box	0.0%	0.0%		
	Cistern	0.0%	0.0%		
Zil 130	Total	21.1%	23.7%		
	Side Load	0.7%	0.5%		
	Semi	0.0%	0.0%		
	Refrig	0.0%	0.0%		
	Dump	0.0%	0.0%		
	Box	0.0%	0.0%		
	Cistern	0.0%	0.0%		
Zil 133	Total	3.0%	3.8%		
	Side Load	0.0%	0.0%		
	Semi	0.0%	0.0%		
	Refrig	0.0%	0.0%		
	Dump	0.2%	0.2%		
	Box	0.0%	0.0%		
	Cistern	0.0%	0.0%		
Kamaz	Total	37.3%	37.1%		
	Side Load	0.2%	0.2%		
	Semi	1.2%	0.8%		

	Refrig	0.0%	0.0%
	Dump	0.1%	0.1%
	Box	0.0%	0.0%
	Cistern	0.0%	0.0%
Maz	Total	14.9%	12.8%
	Side Load	0.3%	0.2%
	Semi	1.2%	0.8%
	Refrig	0.0%	0.0%
	Dump	0.2%	0.1%
	Box	0.0%	0.0%
	Cistern	0.0%	0.0%
Kraz 256	Total	0.9%	1.8%
	Side Load	0.0%	0.0%
	Semi	0.0%	0.0%
	Refrig	0.0%	0.0%
	Dump	0.2%	0.1%
	Box	0.0%	0.0%
	Cistern	0.0%	0.0%
Ural	Total	0.9%	0.6%
	Side Load	0.0%	0.0%
	Semi	0.0%	0.0%
	Refrig	0.0%	0.0%
	Dump	0.0%	0.0%
	Box	0.0%	0.0%
	Cistern	0.0%	0.0%
Kolkhuda	Total	0.9%	0.8%
	Side Load	0.0%	0.0%
	Semi	0.0%	0.0%
	Refrig	0.0%	0.0%
	Dump	0.1%	0.1%
	Box	0.0%	0.0%
	Cistern	0.0%	0.0%
Uaz	Total	1.2%	1.0%
	Side Load	0.0%	0.0%
	Semi	0.0%	0.0%
	Refrig	0.0%	0.0%
	Dump	0.0%	0.0%
	Box	0.0%	0.0%
	Cistern	0.0%	0.0%
PAZ	Total	0.2%	0.1%
	Side Load	0.0%	0.0%
	Semi	0.0%	0.0%
	Refrig	0.0%	0.0%
	Dump	0.0%	0.0%
	Box	0.0%	0.0%
	Cistern	0.0%	0.0%
Moskvich	Total	0.2%	0.2%
	Side Load	0.0%	0.0%
	Semi	0.0%	0.0%
	Refrig	0.0%	0.0%
	Dump	0.0%	0.0%
	Box	0.0%	0.0%
	Cistern	0.0%	0.0%
West European - Czech	Total	0.6%	0.5%
	Side Load	0.0%	0.0%
	Semi	0.0%	0.0%
	Refrig	0.0%	0.0%
	Dump	0.0%	0.0%
	Box	0.0%	0.0%
	Cistern	0.0%	0.0%
GRAND TOTALS	Total	100.0%	100.0%
	Side Load	44.7%	44.3%
	Semi	28.7%	30.0%
	Refrig	0.2%	0.4%
	Dump	13.7%	14.6%
	Box	8.9%	6.5%
	Cistern	3.6%	4.1%

Tracing Trucking Activities By Owner of Vehicle, Sender, and Recipient of Cargo			
Type of Ownership	Activity by Owner	Percent of All Hauls	
Private Individual	as owner in ton-km	2.7%	4.6%
	as owner - # trucks	4.3%	4.3%
	as sender - # trucks	7.2%	6.2%
	as recipient - # trucks	4.2%	3.9%
Private Rental of State	as owner in ton-km	0.4%	3.7%
	as owner - # trucks	1.9%	2.8%
	as sender - # trucks	0.0%	0.0%
	as recipient - # trucks	0.0%	0.0%
Private Firm	as owner in ton-km	1.9%	1.3%
	as owner - # trucks	2.0%	1.6%
	as sender - # trucks	4.0%	3.5%
	as recipient - # trucks	5.0%	5.1%
Foreign Firm	as owner in ton-km	14.5%	14.6%
	as owner - # trucks	5.0%	3.8%
	as sender - # trucks	5.7%	3.6%
	as recipient - # trucks	3.6%	2.3%
Bazaar	as owner in ton-km	0.0%	0.0%
	as owner - # trucks	0.0%	0.0%
	as sender - # trucks	1.9%	1.2%
	as recipient - # trucks	15.8%	13.5%
Coop wholesaler	as owner in ton-km	0.8%	0.6%
	as owner - # trucks	2.7%	2.6%
	as sender - # trucks	2.9%	2.4%
	as recipient - # trucks	4.0%	4.4%
Hokimiyat	as owner in ton-km	0.9%	1.5%
	as owner - # trucks	0.5%	0.8%
	as sender - # trucks	0.1%	0.2%
	as recipient - # trucks	1.0%	1.3%
State factory	as owner in ton-km	4.2%	2.9%
	as owner - # trucks	4.0%	3.4%
	as sender - # trucks	35.9%	38.8%
	as recipient - # trucks	20.4%	22.8%
State store	as owner in ton-km	0.0%	0.0%
	as owner - # trucks	0.4%	0.2%
	as sender - # trucks	1.1%	0.9%
	as recipient - # trucks	6.8%	6.9%
Collective farm	as owner in ton-km	0.7%	0.5%
	as owner - # trucks	5.2%	4.9%
	as sender - # trucks	15.8%	14.0%
	as recipient - # trucks	3.7%	4.2%
State rail transport	as owner in ton-km	2.5%	1.6%
	as owner - # trucks	0.2%	0.1%
	as sender - # trucks	4.1%	9.3%
	as recipient - # trucks	1.7%	1.4%
Ministries	as owner in ton-km	9.8%	8.3%
	as owner - # trucks	8.5%	8.0%
	as sender - # trucks	7.9%	7.0%
	as recipient - # trucks	7.4%	7.9%
MinAvtoTrans	as owner in ton-km	59.7%	60.5%
	as owner - # trucks	60.6%	62.9%
	as sender - # trucks	0.7%	0.5%
	as recipient - # trucks	0.5%	0.8%
State wholesaler	as owner in ton-km	0.2%	0.2%
	as owner - # trucks	1.1%	1.1%
	as sender - # trucks	6.4%	7.8%
	as recipient - # trucks	10.2%	12.5%
State construction	as owner in ton-km	1.6%	2.7%
	as owner - # trucks	3.7%	3.4%
	as sender - # trucks	6.6%	4.6%
	as recipient - # trucks	14.8%	12.1%

