



TRACECA Programme:  
Regional Traffic Database and  
Forecasting Model  
**Data Collection Report**  
Appendix D6 Data Received for  
Tadjikistan  
May 1997

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**European Union  
Tacis Programme**

**TRACECA:  
Regional Traffic Database and  
Forecasting Model  
(Project No. WS.93.05/05.01/B008)**

**Data Collection Report  
Appendices**

May 1997

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## **APPENDICES**

This appendix is one of eight included as part of the Data Collection Report submitted to TACIS. The appendices contain the data received in response to the questionnaires for each of the TRACECA countries separately.

The eight appendices include:

Appendix D1	Data Received for Armenia
Appendix D2	Data Received for Azerbaijan
Appendix D3	Data Received for Georgia
Appendix D4	Data Received for Kazakhstan
Appendix D5	Data Received for Kyrgystan
Appendix D6	Data Received for Tadjikistan
Appendix D7	Data Received for Turkmenistan
Appendix D8	Data Received for Uzbekistan



**Tables I.1 to I.5**

**Socio Economic and Import/Export Data**

*Table I.1*

*Social and economic indices*

## Tadjikistan

(country)

### Socio - Economic Indices

Name of Administrative Territory	Zone Number	Area,* km <sup>2</sup>	Population, 000s		Gross domestic product in comparable prices			Gross national product in comparable prices		
			Total	Within Major Cities	1993 mln \$	1994 mln \$	1996 mln \$	1994 mln \$	1995 mln \$	1996 mln \$
1		2	3	4	5	6	7	8	9	10
Distriktes of republican submission and Dushanbe.	1	29.7	1871	704.4						
Leninabadskaia oblast	1	26.1	1821.5	531.6						
Hatlonskaia oblast	2	23.6	1991.6	370.5						
Gorno-Badahshanskaia autonomous	3	63.7	199.5	24.4						
Total for Tadjikistan		143.1	5883.6	1630.9	760	665.8	297.2	683.3	594.5	305

Source: State Statistics Committee of Tadjikistan

*Table I.2*

*Transportation by types of vehicles*



**Tadzhikistan**

(country)

**Zones 1 to 3****TRANSPORTATION BY MODES**

n/n	Transport mode	Total Freight Transported (Million Tonnes Per Annum)					
		Years					
		1990	1991	1992	1993	1994	1995
1	Railway	6.714	6.432	1.647	2.661	1.479	0.861
2	Road transport, total including public transport	292	262.1	95.7	43.9	35.4	22.5
		81.8	73.388	26.8	12.3	9.9	6.3
3	Water transport (river and sea)						
4	Air transport	0.016	0.011	0.006	0.002	0.002	0.001
TOTAL:		298.7	268.5	97.4	46.6	36.9	23.4

n/n	Transport mode	Total Freight Transportation (Billion Tonne.Kilometers)					
		Years					
		1990	1991	1992	1993	1994	1995
1	Railway	10.657	9.881	0.659	0.335	2.169	2.115
2	Road transport, total including transport of common use	6.379	5.653	2.053	1.1	0.781	0.493
		1.786	1.583	0.576	0.309	0.219	0.138
3	Water transport (river and sea)						
4	Air transport	0.029	0.023	0.014	0.007	0.005	0.009
TOTAL:		17.07	15.56	2.73	1.44	2.96	2.62

Source: State Statistics Committee of Tadzhikistan

*Table 1.3-1*

*and*

*Table 1.4-1*

*Cargo flow data through the border (import and export)*





*Table I.3-2*

*and*

*Table I.4-2*

*Cargo flow data through the border (import and export) by mode*















*Table I.3-3*

*and*

*Table 1.4-3*

*Cargo flow data through the border (import and export) by mode  
and oblast*



**TAJIKISTAN**      **Leninabadskaya, Districts of Republic Submission**      **ZONE 1**  
(country)

**Cargo flows data through the border (import, in tons) for 1995**

Code of group of countries	Code of transport mode	Code of group of commodities																			Total all commodities	% by group of countries				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20	21		
24	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	24031	0	776	40302	5980	55	0	0	0	4300	5	2550	0	0	0	0	0	0	0	0	0	0	102932	29.9
	30 Road	0	0	0	0	0	0	0	0	10500	332	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	0.0
Σ	0	24031	0	776	40302	5980	55	0	10500	332	4300	5	2550	0	0	0	0	0	0	0	0	0	0	102976	29.9	
29	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	192	0	100	250	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2630	0.8	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	192	0	100	250	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2630	0.8		
30	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0.0	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0.0		
31	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
32	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
33	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
34	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	2700	0	923	980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4603	1.3	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	2700	0	923	980	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4603	1.3		
35	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
36	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	4675	0	44	1218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5937	1.7	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	4675	0	44	1218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5937	1.7		



**TAJIKISTAN**  
(country) **Leninabadskaya, Districts of Republic Submission** **ZONE 1**

**Cargo flows data through the border (import, in tons) for 1995**

Code of group of countries	Code of transport mode	Code of group of commodities																					Total all commodities	% by group of countries
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
46	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
47	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Sub-total for non-TRACECA countries	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	44959	0	3219	49391	5990	55	0	10500	332	4300	5	2550	0	6475	33	885	0	0	8786	0	137480	39.9
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	44959	0	3263	49391	5990	55	0	10500	332	4300	5	2550	0	6475	33	885	0	0	8786	0	137524	39.9
% by commodities		-	13.1	-	0.9	14.3	1.7	0.0	-	3.0	0.1	1.2	0.0	0.7	-	1.9	0.0	0.3	-	-	2.6	-	39.9	-
TOTAL all countries	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	121463	0	3729	154254	14283	76	0	10500	362	4308	5	16158	0	7753	74	1348	0	0	9111	0	343424	99.7
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	121463	0	4600	154254	14283	76	0	10500	362	4308	5	16158	0	7753	74	1348	0	0	9111	0	344295	100.0
% by commodities		-	35.3	-	1.3	44.8	4.1	0.0	-	3.0	0.1	1.3	0.0	4.7	-	2.3	0.0	0.4	-	-	2.6	-	100.0	-

Source: Ministry of Economy of Tadjikistan



TAJIKISTAN (country) Leninabadskaya, Districts of Republic Submission ZONE 1

Cargo flows data through the border (export, in tons) for 1995

Code of group of countries	Code of transport mode	Code of group of commodities																			Total all commodities	% By group of countries					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20	21			
1	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
4	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	223	0	0	104	3598	8	0	19	0	0	1	5712	0	0	0	0	0	0	0	0	0	0	0	9917	7.4	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	223	0	0	104	3598	8	0	19	0	0	254	1	5712	0	0	0	0	0	0	0	0	0	0	9917	7.4		
7	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	2505	0	325	0	47	0	0	0	0	0	20000	0	0	76	10	0	0	0	0	0	0	0	23878	17.8	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	13	0.0	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	2505	0	325	0	47	0	0	0	0	925	0	20000	0	76	10	0	0	0	0	0	0	0	23891	17.8		
12	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	939	0.7	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	939	0.7		
15	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	1580	0	1067	0	0	0	0	0	0	80	0	0	0	0	70	0	0	0	0	0	0	0	2798	2.1	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.0	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	1580	0	1067	0	5	0	0	0	0	80	0	0	0	0	70	0	0	0	0	0	0	0	2803	2.1		
21	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
22	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
23	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
Sub-total for TRACECA countries	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	5247	0	1496	3598	55	19	0	0	1246	2	25712	0	76	80	0	0	0	0	0	0	0	0	37532	28.0	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0.0	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	5247	0	1496	3598	60	19	0	0	1259	2	25712	0	76	80	0	0	0	0	0	0	0	0	37550	28.0		
% by commodities		3.9	-	1.1	2.7	0.0	0.0	-	0.0	-	0.9	0.0	19.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0		

**TAJKIKISTAN**      **Leninabadskaya, Districts of Republic Submission**      **ZONE 1**  
(country)

**Cargo flows data through the border (export, in tons) for 1995**

Code of group of countries	Code of transport mode	Code of group of commodities										Total all commodities	% by group of countries												
		1	2	3	4	5	6	7	8	9	10			11	12	13	14	15	16	17	18	19	20	21	
24	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	47244	0	9362	998	0	30	0	0	11713	1	0	0	0	0	0	0	0	0	0	0	0	71374	53.3
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	0.1
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	47350	0	9362	998	0	30	0	11713	1	0	0	0	0	0	0	0	0	0	0	0	71480	53.4	
29	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	758	0	324	1	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1087	0.8
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	758	0	324	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1087	0.8	
30	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	1166	0	0	0	0	0	0	0	0	0	0	0	0	1166	0.9
	40 Air	0	0	0	0	0	0	0	0	0	176	0	0	0	0	0	0	0	0	0	0	0	0	176	0.1
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	1342	0	0	0	0	0	0	0	0	0	0	0	0	1342	1.0	
31	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	0.0
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	0.0	
32	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
33	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	1370	0	0	0	0	0	0	0	0	0	0	0	0	1370	1.0
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	1370	0	0	0	0	0	0	0	0	0	0	0	0	1370	1.0	
34	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	595	0	0	0	0	0	0	0	0	0	0	0	0	595	0.4
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	595	0	0	0	0	0	0	0	0	0	0	0	0	595	0.4	
35	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	1694	0	0	0	0	0	0	0	0	0	0	0	0	1694	1.3
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	1694	0	0	0	0	0	0	0	0	0	0	0	0	1694	1.3	
36	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	8503	0	0	0	0	0	0	0	0	0	0	0	0	8503	6.4
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	8503	0	0	0	0	0	0	0	0	0	0	0	0	8503	6.4	



**TAJIKISTAN**      **Leninabadskaya, Districts of Republic Submission**      **ZONE 1**  
(country)

**Cargo flows data through the border (export, in tons) for 1995**

Code of group of countries	Code of transport mode	Code of group of commodities																			Total all commodities	% by group of countries					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20	21			
46	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
47	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Sub-total for non-TRACECA countries		0	48204	0	9686	999	0	0	0	0	35093	1	0	0	2020	0	0	0	0	0	0	0	0	0	96039	71.7	
% by commodities		0	48310.4	0	9688	999	0	0	0	0	35269	1	0	0	2020	0	0	0	0	0	0	0	0	0	96321.4	72.0	
TOTAL all countries		0	53451	0	11182	4595	0	0	0	0	36339	3	25712	0	2096	80	0	0	0	0	0	0	0	0	133571	99.8	
% by commodities		0	53557.4	0	11182	4595	0	0	0	0	36528	3	25712	0	2096	80	0	0	0	0	0	0	0	0	133871.4	100.0	

Source: Ministry of Economy of Tajikistan







**TAJIKISTAN**      **Hatianskaya**      **ZONE 2**  
(country)

**Cargo flows data through the border (import, in tons) for 1995**

Code of group of countries	Code of transport mode	Code of group of commodities																				Total all commodities	% by group of countries	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			21
46	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
47	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sub-total for non-TRACECA countries	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 Rail	0	143307	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 Road	0	0	0	21762	287269	7730	108	0	25526	649	6015	11	3994	0	12903	81	1765	0	0	0	16065	0	527185
	40 Air	0	0	0	223	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	357
	45 Other	0	0	0	451	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	451
Σ	0	143307	0	22438	287403	7730	108	0	25526	649	6015	11	3994	0	12903	81	1765	0	0	0	16065	0	527893	
% by commodities	-	14.1	-	2.2	28.3	0.8	0.0	-	2.5	0.1	0.6	0.0	0.4	-	1.3	0.0	0.2	-	-	-	1.6	-	52.0	
TOTAL all countries	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20 Rail	0	337472	0	24927	531821	28358	168	0	25526	688	6083	32	23666	0	15560	112	2814	0	0	0	16576	0	1013703
	30 Road	0	0	0	518	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	652
	40 Air	0	0	0	454	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	455
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Σ	0	337472	0	25799	531955	28358	168	0	25526	688	6083	32	23666	0	15560	112	2814	0	0	0	16577	0	1014810	
% by commodities	-	33.3	-	2.5	52.4	2.8	0.0	-	2.5	0.1	0.6	0.0	2.3	-	1.5	0.0	0.3	-	-	-	1.6	-	100.0	

Source: Ministry of Economy of Tajikistan













**TAJIKISTAN**      **Gorno-Badakhshanskaya**      **ZONE 3**  
(country)

**Cargo flows data through the border (import, in tons) for 1995**

Code of group of countries	Code of transport mode	Code of group of commodities																			Total all commodities	% by group of countries			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20	21	
24	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	258	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	258	1.0
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Σ	0	0	0	258	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	258	1.0	
29	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0.1	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0.1		
30	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
31	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
32	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
33	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
34	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	352	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	352	5.1	
	40 Air	0	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000	13.52	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	1000	0	352	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1352	5.1		
35	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
36	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
	40 Air	0	3750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3750	14.1	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Σ	0	3750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3750	14.1		



**TAJIKISTAN**      **Gorno-Badakhshanskaya**      **ZONE 3**  
(country)

**Cargo flows data through the border (import, in tons) for 1995**

Code of group of countries	Code of transport mode	Code of group of commodities													Total all commodities	% by group of countries									
		1	2	3	4	5	6	7	8	9	10	11	12	13			14	15	16	17	18	19	20	21	
46	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
47	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Sub-total for non-TRACECA countries		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
		0	7905	0	1613	579	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10097	38.1	
Σ		0	7905	0	1613	579	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10097	38.1	
% by commodities		29.8	6.1	2.2																			38.1		
TOTAL all countries		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
		0	22798	0	2659	1079	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26536	100.0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
		0	22798	0	2659	1079	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26536	100.0	
Σ		85.9	10.0	4.1																			100.0		
% by commodities																							100.0		

Source: Ministry of Economy of Tajikistan









**TAJIKISTAN**      **Gorno-Badshanskaya**      **ZONE 3**  
(country)

**Cargo flows data through the border (export, in tons) for 1995**

Code of group of countries	Code of transport mode	Code of group of commodities																			Total all commodities	% by group of countries			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20	21	
46	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
47	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	20 Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
	Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Sub-total for non-TRACECA countries		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
% by commodities		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL all countries		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
% by commodities		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0

Source: Ministry of Economy of Tajikistan

*Table I.5*

*Origin destination matrices by commodity*

TRACECA - BASE YEAR MODEL MATRICES Commodity 1, Animal Products - All Modes (Tonnes in 1995)

Origin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477
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TRACCECA - BASE YEAR MODEL MATRICES Commodity 6: Chemicals - All Modes (Tonnes in 1995)

Origin	Zone	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	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Table 1.5.7

TRACECA Regional Traffic Model

TRACECA - BASE YEAR MODEL MATRICES. Commodity 7, Plastic and Rubber Materials and Products. All Modes (Tonne in 1995)

Origin	Zone	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476</
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TRACECA BASE YEAR MODEL MATRICES Commodity 9, Timber and Timber Products - All Modes (Tonnes in 1995)

Origin	Zone	Destination																																												Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470































**Tables II.1 to II.2**

**Road Network Characteristics and Traffic**

*Table II.1*

*Road network characteristics and condition of road sections' and pavements (1994-95)*

## Tadjikistan

(country)

### Road Network - Characteristics and Condition of Road Sections Surfacing (1994-95)

No	Road Sections			Total Length (km)		Width (m)		Type of Pavement (km/section)			Condition of Road (km/section)			
	Start of Section	End of Section	Anode	Bnode	Total	Length in Mountainous Conditions	Carriageway and Hard - Shoulder	Carriageway	Hot Asphalt - Concrete	Cold Asphalt - Concrete	Unsealed	Good	Fair	Poor
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Havast (Uzbekistan)	Ura-Tube	80260	60020	36.7		15	8	36.7			19	5	
2	Ura-Tube	Shahrstan	60020	60030	24	1	10	8	4	20	28	40	29	8
3	Shahrstan	Aini	60030	60040	77	37.5	9	6		49		51	54	21
4	Aini	Pugus (Varzob)	60040	60050	126	43	10	6		119	7	21	13	2
5	Pugus (Varzob)	Dushanbe	60050	60060	36	2	10	6	36			21	13	2
6	Dushanbe	Shahrinav	60060	60070	44	3	12	7.5	44			44		
7	Shahrinav	border of Uzbekistan	60070	60071	22		12	7.5	22			11	11	
8	border of Uzbekistan	Denau (Uzbekistan)	60071	80410			15	8	12			12		
9	Dushanbe	Kofarnihon	60060	60090	12		11	7.5	61	10		44	27	
10	Kofarnihon	Obigarm(Rogun)	60090	60100	71	9.5	9	6		58		20	29	9
11	Obigarm(Rogun)	Lyabidzhar	60100	60120	58	5	9	5		30		10	15	5
12	Lyabidzhar	Garm	60120	60130	30	1.2	9	5		90		29	46	15
13	Garm	Djirgatal	60130	60140	90	8	8	5		65	15	19	31	30
14	Djirgatal	Karamik	60140	60150	80	35	8	4.5		127	6	25	55	53
15	Lyabidzhar	Kalaihuh	60120	60160	133	57	8	5		234	7	93	122	26
16	Kalaihuh	Horog	60160	60190	241	24.5	8	5	26			28	34	
17	Horog	Vir	60190	60200	62		11	7	25	36		27	34	
18	Vir	Djelandi	60200	60210	61		11	7	79	109		87	88	13
19	Djelandi	Murgab	60210	60230	188	17	11	7	79	109		87	89	12
20	Murgab	pass. Kyzyl-Art	60230	60240	188	18	11	7	40			16	24	
21	Dushanbe	Dahanakiik	60060	60062	40	15	12	8		45		25	20	
22	Dahanakiik	Kyzyl-Kala	60062	60066	45	1	12	9		10		10		
23	Kyzyl-Kala	Kurgan-Tube	60066	60063	10		12	8		74		25	49	
24	Kyzyl-Kala	Kabodien	60066	60067	74		12	8	3	47		13	37	
25	Kabodien	Aivadj	60067	60068	50		10	6.5						
26	Kanibadam	Kurkat	60022	60021	108		10							
27	Kurkat	Ura-Tube	60021	60020	31		10							
28	Kurkat	Bekabad (Uzbekistan)	60021	80222	12	43	10	6	82	13		47	44	4
29	Kofarnihon	Dangara	60090	60091	95		10	6	87			40	47	
30	Dangara	Kuliab	60091	60092	87		10	6						

Source : GPII 'Tadjikpro-transstrol'

**Tadzhikistan**

(country)

Coordinates, deg		Town	Node	Coordinates, grad	
Y	X			Y	X
40.13	68.50	Havast (Uzbekistan)	80260	40.22	68.83
39.55	68.59	Ura-Tube	60020	39.92	68.98
39.47	68.49	Shahristan	60030	39.78	68.82
39.23	68.32	Aini	60040	39.38	68.53
38.46	68.49	Pugus (Varzob)	60050	38.77	68.82
38.35	68.48	Dushanbe	60060	38.58	68.80
38.34	68.20	Shahrinav	60070	38.57	68.33
38.30	68.07	border of Uzbekistan	60071	38.50	68.12
38.35	68.48	Dushanbe	60060	38.58	68.80
38.34	69.01	Kofarnihon	60090	38.57	69.02
38.43	69.42	Obigarm(Rogun)	60100	38.72	69.70
38.54	69.59	Lyabidzhar	60120	38.90	69.98
39.02	70.22	Garm	60130	39.03	70.37
39.13	71.12	Djirgatal	60140	39.22	71.20
38.54	69.59	Lyabidzhar	60120	38.90	69.98
38.28	70.46	Kalaihumi	60160	38.47	70.77
38.03	71.44	Horog	60190	38.05	71.73
37.43	72.10	Vir	60200	37.72	72.17
37.36	72.38	Djelandi	60210	37.60	72.63
38.10	73.59	Murgab	60230	38.17	73.98
38.35	68.48	Dushanbe	60060	38.58	68.80
38.19	68.45	Dahanakiik	60062	38.32	68.75
37.55	68.40	Kyzyl-Kala	60066	37.92	68.67
37.55	68.40	Kyzyl-Kala	60066	37.92	68.67
37.23	68.12	Kabodien	60067	37.38	68.20
40.17	70.29	Kanibadam	60022	40.28	70.48
40.07	69.20	Kurkak	60021	40.12	69.33
40.07	69.20	Kurkat	60021	40.12	69.33
38.34	69.01	Kofarnihon	60090	38.57	69.02
38.07	69.20	Dangara	60091	38.12	69.33
38.17	67.55	Denau (Uzbekistan)	80410	38.28	67.92
39.30	71.46	Karamyk	60150	39.50	71.77
39.23	73.20	pass. Kyzyl-Art (b. of Kirgizstan)	60240	39.38	73.33
37.50	68.47	Kurgan-Tube	60063	37.83	68.78
40.13	69.14	Bekabad (Uzbekistan)	80222	40.22	69.23
37.55	69.48	Kuliab	60092	37.92	69.80
37.00	68.03	Aivadj	60068	37.00	68.05

Source : GPII 'Tadjikgipro-transstroj'

*Table II.2*

*Road network - traffic intensity*







**Tables III.1 and III.5**

**Rail Network Characteristics and Traffic**

*Table III.1*

*Railway network technical-operating characteristics*

## TAJIKISTAN

(country)

### Railway Network - Technical-operating characteristics of railway sections (1994-95)

n/n	Railway Sections					Length of Section, km			Track Signalling System				Traction Type (E/D) and Type of Locomotives in use	Length of Entrance Departure Ways (m)	Leading gradient, %		Train weight norm (ton)			
	Start of Section	End of Section	Anode	Bnode	Total	Length Double Track	Length Single Track	Dispatch Board	Automatic	Semi Automatic	Other	To			Back	To	Back	To	Back	To
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	Sary-Assia	Yangi-Bazar	86090	65090	93		93			91	2	D	8700	9		3000	2800	930		
2	Amuzang	Yavan	86080	65100	220		220		210.6		10.4	D	6342	20		3600	3600	310		
3	Bekabad	Chudjand	85222	65021	46							D				3800	3800	744		
4	Chudjand	Kanibadam	65021	65022								D				3800	3800	744		
5	Kanibadam	Shurab	65022	65023	53		53			53		D		20		3800	3800	744		

Note: Traction type - E= electric and D= diesel

Source: Administration of Railways in Tadjikistan

**TAJIKISTAN**

(country)

Coordinates, deg		Settlement	Node No.	Coordinates, grad	
Y	X			Y	X
38.25	68.00	Sary-Assia	86090	38.42	68.00
37.17	67.45	Amuzang	86080	37.28	67.75
40.13	69.14	Bekabad	85222	40.22	69.23
40.17	69.18	Chudjand	65021	40.28	69.30
40.17	70.29	Kanibadam	65022	40.28	70.48
40.05	70.08	Shurab	65023	40.08	70.13
38.34	69.01	Yangi-Bazar	65090	38.57	69.02
38.17	68.56	Yavan	65100	38.28	68.93

*Tables III.2*

*Cargoes correspondence (in types) within railway network*





*Table III.3*

*Railway network density of goods movement through railway  
network sections*

**TAJKIKISTAN**

(country)

**Railway Network - Density of goods movement through railway network sections for 1993**

n/n	Railway Sections					Direction of Movement	Flows by Commodity Type (millions tonnes)										Total
	Start of Section	Anode	End of section	Bnode			coal	coke	oil	ore	metal	timber	constru- ction	chemic. fert.	grain & cereals	others	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	Saty-Assia	86090	Yangi-Bazar	65090	▲	0.1		0.6	13.1	250.2	0.2	8.3		1.1	96.6	370.2	
2	Amuzang	86080	Yavan	65100	▼	26.1		130.6		0.4	19.6	78.3	11.8	104.4	946.3	1305.3	
3	Bekabad	85222	Kanibadam	65022	▲			0.6			0.1	4.5		12.2	69.3	98.9	
					▼			19.4			3.9	11.7		15.5	338.1	388.6	
					▲	17.2		19.4	2.1	6.7	0.1	13.1	6	8.4	319	392	
					▼	19.3		103			16.1	51.5		64.4	389.4	643.7	

Source: Administration of Railways in Tadjikistan

*Table III.4*

*Railway network annual shipment of containers from railway  
network terminals*

**TAJIKISTAN**  
(country)

**Railway Network - Annual shipment of containers from railway network terminals for 1994 and 1995**

n/n	Location of Terminal	Node No.	LOADED												UNLOADED					
			TOTAL			including						TOTAL			including					
			physical unit, unit	average weight, kg	Large tonnage incl. all ISO 20 & 40 ft containers	physical unit, unit	average weight, kg	Medium tonnage incl. FSU containers 3 to 15 Tonnes	physical unit, unit	average weight, kg	Specials incl Haz. loads etc.	physical unit, unit	average weight, kg	Large tonnage incl. all ISO 20 & 40 ft containers	physical unit, unit	average weight, kg	Medium tonnage incl. FSU containers 3 to 15 Tonnes	physical unit, unit	average weight, kg	Specials incl Haz. loads etc.
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
1	Chudjant		4891		947	20000	3944	4000												
2	Dushanbe		19043		7400	20000	11638	4000	5	20000	1098		403	20000	695	4000				
3	Kanibadam		615		64	20000	551	4000												
4	Kurgan- Tyube		389		10	20000	374	4000	5	20000	236				236	4000				

Source: Administration of Railways in Tadjikistan

*Table III.5*

*Railway network transit time of passage of a train on the route*

**TAJKISTAN**

(country)

**Railway Network - Transit time of train on the route**

n/n	Sections of Main Line	Time of Passage Along Route (Hours)				Reserve Capacity of Route (Trains/Day)
		Cargo		Passenger		
		To	Return	To	Return	
1	2	3	4	5	6	7
1	Sary-Assia - Yangi-Bazar	4	4	2	2.5	13
2	Amuzang - Yavan	8	8	5	4	8
3	Bekabad - Kanibadam	7.5	7.5	2	2	10

Source: Administration of Railways in Tadjikistan



**Tables V.1 to V.3**

**Airport Characteristics and Traffic**



*Table V.1*

*Information about airports' carrying capacity*

## Tadjikistan

(country)

### Airport carrying capacity

No	Specifications	Airport name			
		Dushanbe	Hodjent	Kurgan-Tube	Kuliab
1	Type of aircrafts landing	Ty-154, Ty-134 Ил-76, Як-40 Ан-24, Ан-26 Ан-28, helicopters all type	Ty-154, Ty-134 Ил-76, Як-40 Ан-24, Ан-26 Ан-28, helicopters all type	Як-40, Ан-24 Ан-26, Ан-28 helicopters all type	Тy-154, Як-40 Ан-24, Ан-26 Ан-28, helicopters all type
2	Dimensions of run-way	3100 x 45	3020 x 60	2250 x 40	3020 x 60
3	Availability and number of parking spaces for freight aircraft	3 PS for Ил-76	2 PS for Ил-76	1 PS	1 PS
4	Availability and carrying capacity of freight terminals	commercial store: 120 t	commercial store: 120 t		
5	Types of aircraft based at airport	Ty-154, Як-40 Ан-28, Мн-8	Ty-154, Ty-134 Ан-24, Ан-26	Як-40, Ан-24	Як-40, Ан-24
6	Availability of mechanised facilities for loading-unloading	vehicles, electric loader 1t - 3t	vehicles, electric loader 1t - 3t	vehicles, electric loader 1t - 3t	vehicles, electric loader 1t - 3t

Source : State Air Company 'Tadjikiston Aero'

*Table V.2*

*Airport's technical and economic data*

## Tadjikistan

(country)

### Airport operations data\_\_DUSHANBE\_\_\_\_

(name/city)

No	Specifications	Units of measure-ment	Years		
			1993	1994	1995
1	Goods dispatched, total	tons	1208	621.1	722.6
	including				
	- originally	tons	1207.2	621.1	722.6
	- transit		0.8		
	from it				
2	- internal air routes	tons	283.2	289.6	315.3
	- neighbouring countries	tons	904.5	325.9	394.7
	- international air routes	tons	20.3	5.6	12.6
	Turnover, total (billions ton*km)		4.75	3.18	6.88
3	including				
	- internal air routes		0.06	0.16	0.15
	- neighbouring countries		3.56	1.67	1.89
4	- international air routes		1.13	1.35	4.84
	Transportation tariff per 1 ton of cargo	USD/km	2	2	2.4
	- on regular air routes	USD/km	2.4	2.4	3.4
5	- by charters				
	Rate for reception/dispatching of 1 ton of cargo	USD/km	45	50	80
5	Maximum time of full unloading and new loading of aircraft by types	hours/minutes	10-12	10-12	10-12

Source : State Air Company 'Tadjikiston Aero'

## Tadjikistan

(country)

### Airport operations data\_\_HODJENT\_\_\_\_

(name/city)

No	Specifications	Units of measure-ment	Years		
			1993	1994	1995
1	Goods dispatched, total	tons	1020.8	895.5	300.7
	including				
	- originally	tons	1019.4	895.5	300.6
	- transit		1.4		0.1
2	from it				
	- internal air routes	tons	338.5	98.9	173.7
	- neighbouring countries	tons	682.3	796.6	127
	- international air routes	tons			
3	Turnover, total (billions ton*km)		2.15	2.08	2.04
	including				
	- internal air routes		0.71	0.23	0.34
	- neighbouring countries		1.44	1.74	0.25
	- international air routes			0.11	1.45
4	Transportation tariff per 1 ton of cargo	USD/km	2	2	2.4
	- on regular air routes	USD/km	2.4	2.4	3.4
	- by charters				
5	Rate for reception/dispatching of 1 ton of cargo	USD/km	45	50	80
5	Maximum time of full unloading and new loading of aircraft by types	hours/minutes	10-12	10-12	10-12

Source : State Air Company 'Tadjikiston Aero'

## Tadjikistan

(country)

### Airport operations data \_\_ KULIAB \_\_ (name/city)

No	Specifications	Units of measure-ment	Years		
			1993	1994	1995
1	Goods dispatched, total	tons	65.4	1.9	5.6
	including				
	- originally - transit	tons	65.4	1.9	5.6
2	from it				
	- internal air routes	tons	65.4	1.9	5.6
	- neighbouring countries - international air routes	tons tons			
3	Turnover, total (billions ton*km)				
	including				
	- internal air routes - neighbouring countries - international air routes				
4	Transportation tariff per 1 ton of cargo	USD/km	2	2	2.4
	- on regular air routes	USD/km	2.4	2.4	3.4
	- by charters				
5	Rate for reception/dispatching of 1 ton of cargo	USD/km	45	50	80
	Maximum time of full unloading and new loading of aircraft by types	hours/minutes	10-12	10-12	10-12

Source : State Air Company 'Tadjikiston Aero'

## Tadjikistan

(country)

### Airport operations data\_\_KURGAN-TUBE

(name/city)

No	Specifications	Units of measure-ment	Years		
			1993	1994	1995
1	Goods dispatched, total	tons	19.6	9.4	3.5
	including				
	- originally	tons	19.6	9.4	3.5
	- transit				
2	from it				
	- internal air routes	tons	11.2	1.2	1.5
	- neighbouring countries	tons	8.4	8.2	2
	- international air routes	tons			
3	Turnover, total (billions ton*km)		0.02	0.01	0.002
	including				
	- internal air routes		0.02	0.001	0.001
	- neighbouring countries		0.01	0.009	0.001
4	Transportation tariff per 1 ton of cargo				
	- on regular air routes	USD/km	2	2	2.4
	- by charters	USD/km	2.4	2.4	3.4
5	Rate for reception/dispatching of 1 ton of cargo	USD/km	45	50	80
	Maximum time of full unloading and new loading of aircraft by types	hours/minutes	10-12	10-12	10-12

Source : State Air Company 'Tadjikiston Aero'

*Table V.3*  
*Cargoflows direction from/to airport*



**Tadjikistan**

(country)

**Freight flows direction from/to airport\_\_Dushanbe\_\_**

(name/city)

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/ arriving cargo, tons		
				1993	1994	1995
1	Airport Moscow dispatching arriving	3170	4.36	648.5	199.9	146
			4.06	360.2	212.9	342.4
2	Airport Raduzhni dispatching arriving	2840	4.38	2.5		
			3.58	0.3		
3	Airport Nefteugansk dispatching arriving	3000	3.58	1.3		
			3.58	0.2		
4	Airport: registered flights dispatching arriving		2.10	40.5	38.6	57.9
			1.22	20.3	21.1	21.7
5	Airport Shardja dispatching arriving	2533	3.20	0.9	16.3	
			3.02	14.3	260.4	951.8
6	Airport Delhi dispatching arriving	1793	2.28	4.5	8.1	2
			3.09	477.3	8.1	191.8
7	Airport Karachi dispatching arriving	1756	2.23	18.3	3.4	8.8
			2.28	74.9	69.2	534.7
8	Airport Djida dispatching arriving	3980	5.10	1.3		
9	Airport Kuliab dispatching arriving	110	0.42	7	9.8	2.5
			0.42	1.3	3.3	5.6
10	Airport Hodjent dispatching arriving	420	1.22	9.8	5.7	1.7
			1.24	1.2	20.6	8.72
11	Airport Horog dispatching arriving	420	1.24	25.9	28.3	30.4
			1.24	0.3	27.8	5.8
12	Airport Teheran dispatching arriving	1765	5.07		36.2	
			4.56		13.4	
13	Airport Stavropol - Moscow dispatching	3640	5.28		13.9	
14	Airport Ufa - Saint-Petersburg dispatching	3890	5.02		4.7	82.3

**Tadjikistan**

(country)

**Freight flows direction from/to airport Dushanbe**

(name/city)

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/ arriving cargo, tons		
				1993	1994	1995
	arriving		5.09		3.1	27.7
15	Airport Garm	170	dispatching		1.5	
	arriving		0.44		0.06	
16	Airport Hovaling	150	dispatching		0.3	0.8
	arriving		0.47		0.3	0.2
17	Airport Djirgital	250	dispatching		25	2.8
	arriving		1.18		1.1	2.5
18	Airport Sochi - Cairo	4660	dispatching			0.6
	arriving		6.25			6
19	Airport Sochi - Istanbul	3809	dispatching			1.3
	arriving		5.08			35.7
20	Airport Trobzon	2900	dispatching			0.9
	arriving		4.07			70.1
21	Airport Almaty	880	dispatching			0.7
	arriving		2.28			2.7
22	Airport Bishkek	800	dispatching			0.4
	arriving		2.33			0.9
23	Airport Aini	160	dispatching			0.7
	arriving		0.44			0.8
24	Airport Kurgan-Tube		dispatching			
	arriving		0.20		0.6	

Source : State Air Company 'Tadjikiston Aero'

**Tadjikistan**

(country)

**Freight flows direction from/to airport\_\_Hodjent\_\_**

(name/city)

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/ arriving cargo, tons		
				1993	1994	1995
1	Airport Moscow dispatching arriving	3100	4.49	80	14.6	22.4
			4.08	54.2	14.9	18.7
2	Airport Samara - S. Petersburg dispatching arriving	3780	6.11	56.9		
			5.31	17.4		
3	Airport Ekaterinburg dispatching arriving	2060	3.30	45	55.9	24.6
			3.23	3.8	1.3	1.9
4	Airport Dushanbe dispatching arriving	420	1.13	31.9	54.9	147.4
			1.09	72	89.5	78.8
5	Airport Baku - Min. Vodi dispatching arriving	2550	4.34	8.5		
			3.38	12.3		
6	Airport Almaty - Novosibirsk dispatching arriving	2200	3.16	34.9	41.7	33.8
			3.50	30.4	34.2	7.6
7	Airport Orenburg - Moscow dispatching arriving	3120	4.54	20.7	27.4	24.1
			4.15	29.5	24.5	15.4
8	Airport Nizhnevartovsk dispatching arriving	2580	3.59	40.3	16.8	
			3.52	3.2	10	
9	Airport Raduzhni dispatching arriving	2730	4.00	25.8	47.2	
			4.10	0.7		
10	Airport Arkalik - Samara - Saint Petersburg dispatching arriving	4070	6.36	15.8		
			6.25	6.2		
11	Airport Arkalik - Moscow dispatching arriving	3200	5.02	1.4	11.3	
			5.11	2.6	9.8	
12	Airport Orenburg dispatching arriving	1840	3.20	23.5	13.9	
			3.20		5	

**Tadjikistan**

(country)

**Freight flows direction from/to airport \_\_Hodjent\_\_**

(name/city)

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/arriving cargo, tons		
				1993	1994	1995
13	Airport Kuliab	440	1.11	1.6		7.4
	dispatching		1.06	63.8		5
14	Airport Chelyabinsk	1890	3.25	3.7	18	
	dispatching		2.42			
15	Airport Chardjou	1650	1.40		17.5	
	dispatching		1.30			
16	Airport Arkalik - Ekaterinburg	2160	3.08		7.9	
	dispatching		3.15		0.3	
17	Airport Samara	2290	3.15		17.9	
	dispatching		3.23			
18	Airport Novokuzneck	2500	3.23		18	
	dispatching		3.15			
19	Airport Perm	2010	3.00		18	
	dispatching					
20	Airport Tumen	2600	3.07		19.3	
	dispatching		2.58		18	
21	Airport Shardja	2113	3.33			
	dispatching		3.12		34.2	92.1
22	Airport Barnaul	1400	3.07		7.9	
	dispatching		3.20		8	
23	Airport Surgut	2700	3.50		10.2	
	dispatching		3.50		5.2	
24	Airport Almaty	880	2.20		3	4
	dispatching		2.17			
25	Airport Astrahan - Erevan	3020	5.07		3.6	
	dispatching					

**Tadjikistan**

(country)

**Freight flows direction from/to airport Hodjent**

(name/city)

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/arriving cargo, tons		
				1993	1994	1995
	arriving		4.00		0.3	
26	Airport Dushanbe - Horog	840				
	dispatching		2.00		3	
	arriving		2.17		0.2	
27	Airport Tepli Kluch	2900				
	dispatching		13.31		8.9	
	arriving		13.52			
28	Airport Dushanbe - Kogalim	2200				
	dispatching		4.13		17.5	
	arriving		5.18		17	
29	Airport Aleppo	2500				
	dispatching		6.28			
	arriving		5.58			369.5
30	Airport Aleppo - Trobzon	2900				
	dispatching		6.20			12
	arriving		3.25			13.6
31	Airport Arkalik - Novosibirsk	2200				
	dispatching		3.60			0.9
	arriving		4.07			0.1

Source : State Air Company 'Tadjikiston Aero'

## Tadjikistan

(country)

### Freight flows direction from/to airport\_\_Kurgan-Tube\_\_

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/ arriving cargo, tons		
				1993	1994	1995
1	Airport Hodjent dispatching arriving	400	1.32 1.22	0.3	3 2.7	447.14 41.22
2	Airport Taldikurgan dispatching arriving	1420	5.23 3.22	5.6 2.4	2.5	
3	Airport Arkalik dispatching arriving	840	3.25		1881	
4	Airport Kuliab dispatching arriving	120	1.40	0.3		
5	Airport Barnaul - Krasnoyarsk dispatching arriving	2830	6.58	2		
6	Airport Taldikurgan - Barnaul dispatching arriving	3130	5.50	1.2		

Source : State Air Company 'Tadjikiston Aero'

## Tadjikistan

(country)

### Freight flows direction from/to airport\_ Kuliab\_

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/ arriving cargo, tons		
				1993	1994	1995
1	Airport Hodjent dispatching arriving	440	1.30	62.9		
2	Airport Dushanbe dispatching arriving	110	0.42 0.42	1.3 7	3.3 9.8	5.6 2.5

Source : State Air Company 'Tadjikiston Aero'





**Table VI**

**Route and Cost Data**

*Table VI.1*

*Investigation of route cargoes*

**Tadjikistan**

(country)

**COMMODITY ROUTING SURVEY****COMMODITY** (please tick)

- Metal       Chemicals       Timber       Building materials  
 Cereals       Cotton       Textiles       Heavy machinery  
 Perishable foodstuff       Electronic consumer goods       Cars  
 Others (specify).....

**Place of Origin:** Dushanbe**Place of Destination:** USA (through seaport Ilichevsk)**Month:** July 1996 y.

Route (indicate major cities and transshipment points)	Transport Mode	Distance (km)	Travel Time (hours)	Transship- ment time (hours) *
Regar - Sary Assia	r/w	71	5	
Sary Assia - Boldyr	r/w	225	16	
Boldyr - Talimardzhan	r/w	191	14	
Talimardzhan - Chengeldy	r/w	609	43	
Chengeldy - Ozinki	r/w	2093	153	
Ozinki - Solovei	r/w	1110	79	
Solovei - Ilichevsk (seaport)	r/w	1011	73	
<b>TOTAL TRANSPORT TIME (Days)</b>				<b>16</b>

\* Including waiting time

**Tadjikistan**

(country)

**COMMODITY ROUTING SURVEY**

COMMODITY (please tick)

- Metal       Chemicals       Timber       Building materials  
 Cereals       Cotton       Textiles       Heavy machinery  
 Perishable foodstuff       Electronic consumer goods       Cars  
 Others (specify).....

Place of Origin:      Regar

Place of Destination:      Netherlands (through Tallinn)

Month:      April 1996 y.

Route (indicate major cities and transshipment points)	Transport Mode	Distance (km)	Travel Time (hours)	Transship- ment time (hours) *
Regar - Sary Assia	r/w	18	1	
Sary Assia - Boldyr	r/w	225	16	
Boldyr - Talimardzhan	r/w	191	14	
Talimardzhan - Chengeldy	r/w	609	43	
Chengeldy - Ilecsk	r/w	1699	121	
Ilecsk - Ivangorod Narvski	r/w	2464	175	
Ivangorod Narvski - Tallinn	r/w	202	14	
<b>TOTAL TRANSPORT TIME (Days)</b>				<b>16</b>

\* Including waiting time

*Table VI.2*

*Investigation of vehicles' transportation on borders*

*No data available.*