

# **TRACECA: Regional Traffic Forecasting Model**

**Dossier of Basic Data about the  
Model as at January 1997**

January 1997

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# TRACECA: Regional Traffic Forecasting Model

## Dossier of Basic Data about the Model as at January 1997

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## **1. INTRODUCTION**

This dossier has been issued to inform the respective official counterpart organisations and technical partners in the eight TRACECA states, and other consultants working on TRACECA projects about the basic parameters of the freight forecasting model which is under development.

The model is initially being designed to forecast international freight flows to, from and between the eight TRACECA states. The specific project objectives are:

- introduction and establishment of computer-based planning tools in the eight TRACECA states including:
  - a common regional database of transport and trade flows and transport infrastructure and transport costs;
  - a multi-modal model for analysing scenarios and developing forecasts;
- application of the tools to:
  - create comprehensive multi-modal synoptics of existing and forecast future flows;
  - highlight bottlenecks of all types;
  - identify preferred locations for multi-modal transfer centres;
  - identify and catalogue specific road/rail/maritime and multimodal projects for detailed feasibility studies;
- transfer of know-how in transport database design and modelling.

## **2. NETWORKS**

Figure B1 (from the Study Inception Report) shows the existing road rail and maritime/canal networks within the region that are being considered in the model development. This figure also shows some proposed future links in these networks that will be considered in forecasting. In addition to the area shown in Figure B1, the following rail and road connections with the rest of world are being considered:

- through Russia and Belarussia to the border with Poland at Brest;
- through Russia and Ukraine to Chop;
- across the Black Sea to Rumania/Bulgaria and thence by rail or road connection to central and western Europe;
- shipping connections to Poti/Batoumi from S. European ports via Black Sea;
- the road link via Iran/Turkey to Western and Central Europe;
- the rail link through Iran to Badar Abbas on the Iranian Gulf;
- the road link to China.

These external connections will be reviewed in the light of model calibration experience and may be rationalised.

The networks are described by link lengths, transit time and speed, transit cost per unit length, delay times and costs at nodes (for example for border crossing or freight handling procedures)

### **3. ZONING**

The zoning proposed for the model was described in the Study Inception Report. The zone map figure B2 is attached with this dossier. As the data available has been explored and model development has proceeded it has become desirable to further subdivide Kazakhstan so as to get a reasonable estimate of ton kms from the model. Since data are available for the 19 Oblasts in Kazakhstan which relate to the transport networks this subdivision of zones is now being incorporated.

### **4. EXISTING INTERNATIONAL FREIGHT TRAFFIC**

International freight traffic data has been collected from national customs returns in each of the eight TRACECA states. Freight in the region is presently classified in 21 main commodity groups and 97 subclasses according to an international classification system adopted in the FSU. Freight movement details have been collected from each of the TRACECA states for each of the 21 main commodity groups. The commodity groups used are shown in Table 1.



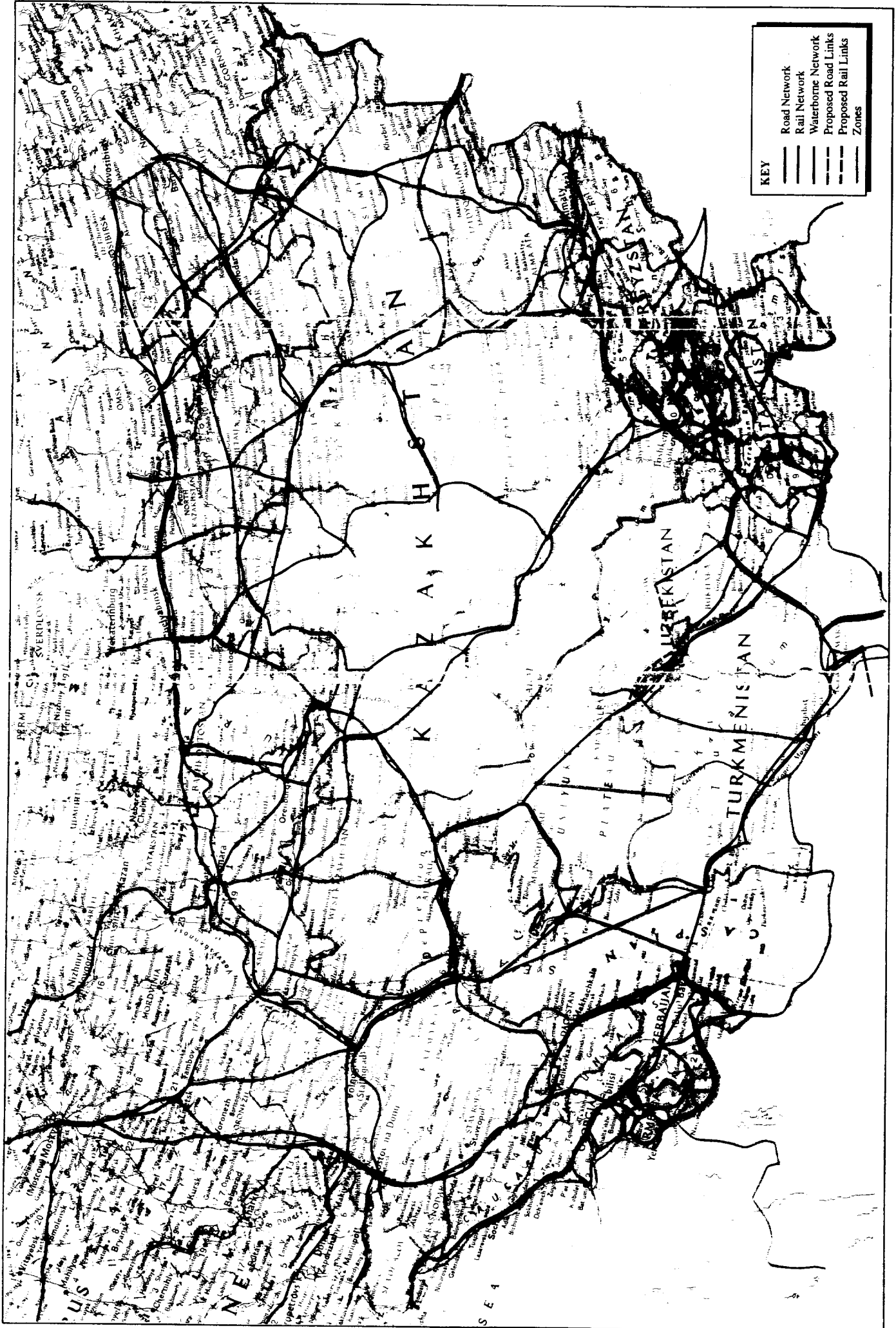


Figure B.1: Proposed Road, Rail and Water Links and Zones

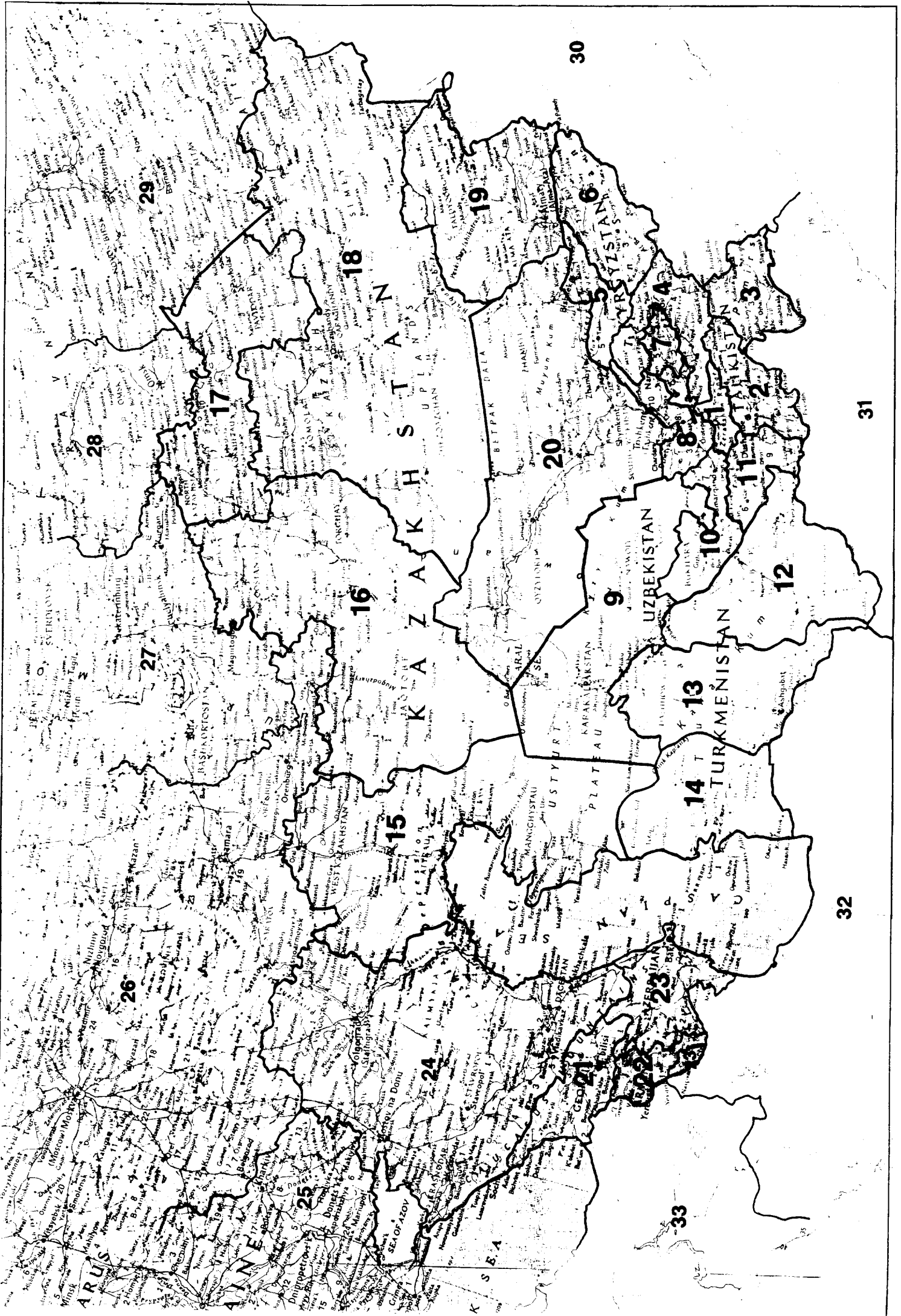


Figure B.2: Proposed Zones

**Table 1 - Description of Main Commodity Groups**

<b>Code of Group of Commodities</b>	<b>Codes Included into Group Code</b>	<b>Denomination of Commodity Group</b>
01	01-05	Cattle and products of animal origin
02	06-14	Products of vegetable origin
03	15-15	Fat and oil of animal or vegetable origin
04	16-24	Finished food-stuffs
05	25-27	Mineral products
06	28-38	Products of chemical industry and other industries related with it
07	39-40	Plastics and its wares: caoutchouc and rubber wares
08	41-43	Leather raw materials: leather, fur and their wares
09	44-46	Wood and its wares
10	47-49	Paper and its wares
11	50-63	Textile and its wares
12	64-67	Shoes, head-dresses, umbrellas, walking-sticks, treated feathers and their wares
13	68-70	Wares from stone, gypsum, cement
14	71-71	Precious and semi-precious stones, precious metal and their wares
15	72-83	Non-precious metal and its wares
16	84-85	Machinery, equipment and mechanisms
17	86-89	Road, air and water vehicles
18	90-92	Devices (apparatus) and appliances
19	93-93	Arms and ammunitions; their spare parts and accessories
20	94-96	Other manufactured goods
21	97-97	Art products

## **5. DEVELOPMENT OF THE MATRIX OF EXISTING FREIGHT MOVEMENTS**

### **INTRODUCTION**

To facilitate the production of the observed matrices, recent import and export data for the TRACECA countries was collected from custom returns via questionnaires distributed to the authorities of each country.

Matrices of annual freight tonnage flows between all zones by commodity are required. In the production of the matrices 21 commodity groups (aggregated from the 97 initial categories) have been used. The commodities will be aggregated further into approximately 9 main categories for use in the modal choice and assignment model.

Our approach has been first to build preliminary demand matrices at an aggregate (country to country) level and to validate these against independent data sets. This process is now sufficiently advanced for model calibration. However, additional data and explanations are expected from Georgia and Kyrgyzstan and these improvements will be incorporated into the matrices as they become available.

The following paragraphs describe:

- our approach to matrix development;
- the preliminary matrices;
- our approach to the disaggregation of these matrices; and
- matrix validation procedures.

The observed matrices will be validated against independent data collected as part of other studies being undertaken in Central Asia and Caucasus's. This will include the comparison of inter-regional freight traffic flows through the various border crossing points; total import and export trade volumes for each region, by commodity; and modes of transport used.

## **MATRIX DEVELOPMENT**

We have based the development of the matrices on the import and export data collected from the customs returns for each of the TRACECA states. First the data was processed (using Microsoft EXCEL spreadsheets) to allocate zone and commodity codes to each record.

Origin and destination information on foreign trade as provided by each of the TRACECA countries has been summarised in tabular form in Annex D1. These figures show import and export trade for each region by commodity. These formed the basis for the production of the commodity matrices with the origin and destination figures by commodity providing the key to establishing cell values in the matrix.

Updated trade flows are presented for Kazakhstan and Tadjikistan resulting from further checks of the import and export data and the receipt of fresh data. Fresh data for Georgia received during a data validation mission to Tbilisi in November 1996, have been incorporated. Foreign trade flows for Azerbaijan, Armenia, Turkmenistan and Uzbekistan have been included following the receipt of completed questionnaires from those countries. Revised data for Kyrgyzstan have also been received and incorporated in the matrices.

## **MATRICES**

Having processed the import and export data received from the completed questionnaires, the next stage was to combine this information in order to prepare demand matrices of annual freight tonnage between all origins and destinations by commodity. An aggregate zoning system has been adopted for these preliminary matrices include 8 internal zones to represent each of the TRACECA countries, and 19 external zones. The matrices now include all available data at this stage. Minor difficulties remain with data from two countries:

- *Armenia*, for which data were supplied in terms of commodity units rather than in metric tonnes. A reasonably satisfactory conversion has been achieved. However one or two inconsistencies remain;

- Georgia, for which fresh data for the first ten months of 1996 have been received and processed, additional data from the two main ports have very recently been received and are being incorporated.

These origin/destination matrices for each commodity are presented in Annex D2. This Annex contains a matrix of total freight tonnage flows between all origins and destinations.

Work on matrix development is on-going and comprises:

- collation and processing of data for those areas of the matrix that are currently incomplete as described above;
- disaggregation of the data from the aggregate (country to country) zones to the study zone system and disaggregation of commodity tonnage by mode;
- validation of these matrices.

The following sections describe our approach to the disaggregation and validation process.

## **DISAGGREGATION OF ZONES AND MODES**

The initial matrices included 8 internal zones representing the TRACECA countries: we propose to disaggregate these to the study zone system, which will comprise of 36 internal zones.

Each of the three Caucasus Regions (Georgia, Armenia and Azerbaijan (which includes Nakhichevan) will remain as single zones.

The five Central Asian countries will be disaggregated to 33 zones. This disaggregation will be based on origin and destination information given in the completed questionnaires, supported by any knowledge of the distribution of population and locations of industrial production and consumption of the various commodities. Kazakhstan and Tadjikistan are the only countries for which this information has been provided by oblast. Turkmenistan provided import and export data by customs point, which we will use to establish a disaggregation by oblast. Work is currently being undertaken by local

technical partners to obtain this information by oblast for Kyrgyzstan and Uzbekistan.

Modal split has been established as an average for each of the four countries for which this information has been made available. The modal split for these countries, which include Kazakhstan, Turkmenistan, Tadjikistan, and Azerbaijan, is summarised in Annex D3. Modal split data for Georgia has been promised but is still awaited. Therefore data in Annex D3 is preliminary.

Data for Azerbaijan shows a mix of modes being used for freight travel (road, rail and sea). Rail and road are the main modes used for import trade (53% and 37% of total trade respectively), compared to exports which rely on sea (56%) and rail (35%).

Tadjikistan and Kazakhstan rely heavily on the railways (over 95% of total) for importing and exporting commodities. Trade to Turkmenistan is largely catered for by the railways (75%), with some by sea (15%) and road (9%). This compares to export traffic which relies on sea more than rail (59% and 37% respectively).

Using this data we propose to disaggregate the commodity matrices by mode for use in the calibration and validation of the Regional Freight Forecasting model.

## **MATRIX VALIDATION**

The preliminary trade matrices are based on the one set of data that is recorded across the region as a whole i.e. trade imports and exports by commodity.

The tables contained in Annex D4 summarise the independent data sets available for validation purposes.

Certain data sets provide a basis for checking the trade matrices derived from the customs data and it is this matrix validation that is currently being undertaken.

The focus of our initial work on matrix validation has been to identify potential inaccuracies and discrepancies in the trade data obtained. Three specific areas warrant attention:

- the need to ensure that the data sets supplied are internally consistent given that we are collecting two records of trade movements between each of the countries (e.g. Azerbaijan have provided import and exports with Turkmenistan and Turkmenistan have provided exports and imports with Azerbaijan);
- the need to ensure that the data sets are current and not based on indexed Soviet statistics;
- the need to control and adjust official statistics to allow for irregular recording. This would appear to be a particular problem for road movement and road/sea movements where not all vehicles and their loads are registered in the official statistics.

The preliminary origin/destination matrices as contained in Annex D2 present in each cell both the export flows against the import flows as declared by the distributing and recipient countries respectively. In many cases the discrepancies shown are insignificant (especially for the aggregate of all commodity groups) however in other cases for certain major commodity flows, checks are being undertaken to establish the more reliable figures. The trade figures initially declared for Georgia through the completion of the questionnaires have been substantially improved with fresh data and the level of agreement with corresponding data from the other countries is much improved.

To date we have undertaken various checks to ensure the validity of the observed matrices developed from the data obtained through the questionnaires. Data sets from other sources have been used to check both inter-regional and international trade volumes.

Rail related data has been made available by railway operators. This data is being used to check certain demand values in the matrix, especially across borders where rail is the major mode. We are also checking total demand over selected borders, and by commodity where such information is available. However, it should be noted that the rail data is for 1993, compared to the



observed matrices which represent 1995, and hence, the use of this information may be misleading. Due to the volatile nature of the economies within the TRACECA countries, there can be dramatic changes in the trade of each commodity. Over recent years many countries have experienced large declines in GDP and the use of these profiles to interpolate between the given years is not appropriate.

Information on humanitarian aid imports associated with each of the three Caucasus regions is presented in a report issued by the World Food Programme (WFP). This data was considered for use in validating import freight movements to Georgia, Armenia and Azerbaijan, and to check traffic through the major Ports serving the countries. Although this data provides much useful information regarding freight movement (both aid and commercial), it is seen to be incomplete and can only be used to check certain small aspects of the observed data.

Scott Wilson Kirkpatrick (SWK) are currently undertaking a study of border crossings in Central Asia and the Caucasus Regions as part of the TRACECA programme. The information they have collected as part of this study is available and provides a comprehensive data set, suitable for the validation of the observed matrices. The data includes detailed information about each border crossing point, indicates the locations of major freight flows in and out of each country, and in most cases this is given by mode. Total import and export freight traffic for each TRACECA country has been derived and is being used to validate the corresponding values in the matrices. This data is not split by commodity, however a brief description of typical traffic passing through each border crossing point is given and therefore some broadbrush checks by commodity can be carried out. As this data set also provides limited information on the major origins and destinations of the shipments passing through each customs point, we propose to utilise this in the assignment validation stage also.

Inevitably the data sets described in Annexes D1 to D3 do not give a comprehensive up-to-date coverage of all zone to zone trade movements by commodity and mode.

We have considered carefully the scope for undertaking new surveys. However, given that we require information on freight tonnages it is not

possible to survey this independently from the official recordings at ports. We do anticipate that spot checks on volumes of trade movements by road will be possible by counting vehicles entering ports.

Our approach to matrix validation, therefore, seeks to make best use of this existing data as described above and to draw on new qualitative and quantitative data through interviews and meetings with organisations responsible for data collection, freight forwarding, freight production and transport operations.

A second stage of the validation will focus on trade flows. As outlined in Annex D3 data sets are available on transport flows for road, rail and maritime modes. These include:

- rail tonnage flows (tonnage by route and commodity);
- port throughput statistics (tonnage by major commodities);
- estimates of border crossing flows by road and rail (tonnages and details of major commodities, origins and destinations);
- road flows of freight vehicle by route

Our intention is to use these data to assist in the model assignment calibration and validation on specific routes as well as to check the volume of trade between zones.



## **Annex D1**

### **Import and Export Information by Country and Commodity**



**ARMENIA**

(country)

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

Codes of countries and groups of countries	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 Tajikistan	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	2	0	0	26	0.0
4 Kyrgyzstan	0	0	0	0	0	0	0	25	0	0	0	0	6	0	0	0	0	0	0	0	0	0	31	0.0
7 Uzbekistan	0	0	0	0	0	247	0	0	0	0	5	0	0	0	0	1	0	0	0	0	0	253	0.0	
12 Turkmenistan	36	0	0	0	754,488	0	0	0	0	0	434	0	0	0	0	3	0	1	0	0	0	754,963	43.9	
15 Kazakhstan	0	48	0	0	52	3	0	0	0	0	0	0	0	0	19	0	3	0	0	0	0	125	0.0	
21 Georgia	143	764	152	2,086	290,291	11,503	548	0	1,225	259	564	1	823	0	1,400	27	23	10	0	11	0	309,830	18.0	
22 Armenia	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
23 Azerbaijan	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
Sub-total for TRACECA countries	179	812	152	2,086	1,044,779	11,802	551	25	1,225	259	1,027	1	829	0	1,422	28	27	10	0	13	1	1,065,228	61.9	
% by commodities	0.0	0.0	0.0	0.1	60.8	0.7	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	61.9	0.0	
24 Russia and Belarus	7,607	5,898	662	10,246	18,901	13,810	2,573	147	1,223	3,762	1,589	22	2,824	10	12,912	7,160	833	94	0	183	26	90,482	5.3	
29 Ukraine and Moldova	1,325	139	210	879	39	1,572	2,967	0	0	93	13	0	211	0	632	100	16	0	0	29	0	8,225	0.5	
30 China	0	0	0	12	0	0	0	0	0	2	0	0	0	0	0	51	0	8	0	0	0	73	0.0	
31 Indian Sub Continent	0	0	0	0	0	548	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	548	0.0	
32 Iran and Gulf States	17,094	6,484	17,056	90,970	26,847	34,667	1,261	7	203	3,351	978	31	4,059	0	3,390	1,727	372	29	0	1,396	0	209,922	12.2	
33 Turkey	26	159	237	1,105	9,410	230	0	0	0	0	0	0	0	0	12	41	0	0	0	4	0	11,224	0.7	
34 North-Western Europe	3,889	1,186	2,080	11,147	4,618	15,369	403	1	605	603	517	1	165	4	152	539	197	122	0	638	0	42,236	2.5	
35 Southern Europe	872	1,659	1,630	5,712	49,786	1,900	15	0	0	40	13	2	35	0	11,813	66	4	25	0	106	0	73,678	4.3	
36 Central Europe	179	281	49	1,405	57,163	4,930	10	0	0	12	7	0	24	0	198	123	36	30	0	27	0	64,474	3.7	
37 Baltic States	1,934	0	0	38	51	289	2	0	0	3	5	0	2	0	127	40	2	0	0	0	0	2,493	0.1	
38 North-Central Europe	99	0	0	283	0	0	0	0	0	0	9	0	0	0	0	0	5	10	0	0	0	406	0.0	
39 Northern Europe	58	417	1,296	207	7,443	473	40	0	0	6,287	0	0	0	0	378	102	2	15	0	299	0	17,017	1.0	
40 Middle East	576	47	31	659	0	84	168	1	0	16	241	22	187	0	203	0	1	0	0	1	0	2,237	0.1	
41 East Africa	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
42 West Africa	0	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	0.0	
43 East Asia Developing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0.0	
44 East Asia Industrial	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	50	0.0	
45 East Coast America	10,756	9,154	1,652	3,535	23,611	75,713	121	1	0	5,387	373	0	1	0	154	459	39	122	0	20	0	131,098	7.6	
46 W Coast America & Pacific	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	0.0	
Sub-total for non-TRACECA countries	44,534	25,466	24,903	126,198	197,869	149,587	7,580	157	2,031	19,559	3,745	78	7,508	14	29,756	10,585	1,592	456	0	2,703	26	654,347	38.1	
% by commodities	2.6	1.5	1.4	7.3	11.5	8.7	0.4	0.0	0.1	1.1	0.2	0.0	0.4	0.0	1.7	0.6	0.1	0.0	0.0	0.2	0.0	38.1	0.0	
TOTAL all countries	44,713	26,278	25,055	128,284	1,242,648	161,389	8,131	182	3,256	19,818	4,772	79	8,337	14	31,178	10,613	1,619	466	0	2,716	27	1,719,575	0.0	
% by commodities	2.6	1.5	1.5	7.5	72.3	9.4	0.5	0.0	0.2	1.2	0.3	0.0	0.5	0.0	1.8	0.6	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0

**ARMENIA**

(country)

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

Codes of Countries and groups of countries	Code of group of commodities																					Total all commodities	% by group of countries
	Code of group of commodities																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
1 Tajikistan	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	23	0.0
4 Kyrgystan	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0.0
7 Uzbekistan	0	16	0	136	0	51	0	0	0	15	0	0	0	0	117	2	3	0	0	0	343	0.1	
12 Turkmenistan	0	0	0	2,824	0	3,609	3,428	500	57	1,516	607	1,740	0	0	566	5,893	1,072	40	0	534	22,712	8.0	
15 Kazakhstan	0	1	0	80	0	273	90	0	0	41	13	48	0	0	187	712	0	2	0	1	1,448	0.5	
21 Georgia	13	32	0	127	37,667	676	589	19	26	15	0	2,802	0	0	986	166	5	2	0	13	43,138	15.1	
22 Armenia	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0.0	
23 Azerbaijan	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	13	49	0	3,182	37,667	4,632	4,107	345	83	1,587	643	4,590	0	0	1,856	6,773	1,080	47	0	548	67,702	23.8	
% by commodities	0.0	0.0	0.0	1.1	13.2	1.6	1.4	0.1	0.2	0.0	0.6	1.6	0.0	0.7	2.4	0.4	0.0	0.0	0.0	0.2	0.0	23.8	0.0
24 Russia and Belarus	129	323	0	17,016	10,147	6,697	3,129	51	6	1,302	60	728	10	13,592	12,704	291	95	0	209	150	66,664	23.4	
29 Ukraine and Moldova	0	15	0	231	50	1,378	934	0	43	52	0	3	0	4,799	690	95	2	0	9	0	8,301	2.9	
30 China	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
31 Indian Sub Continent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
32 Iran and Gulf States	0	0	0	0	19,347	3,054	554	0	1,340	23	0	47	0	45,394	372	0	0	0	0	3	0	70,134	24.6
33 Turkey	0	0	0	0	0	0	1,678	0	0	2	0	0	0	4,958	26	0	0	0	0	0	0	6,664	2.3
34 North-Western Europe	1	502	0	35	27,802	10	0	0	283	29	0	47	9	1,882	143	0	5	0	1	60	30,809	10.8	
35 Southern Europe	0	0	0	20	0	0	0	0	0	1	0	1	0	195	55	15	1	0	0	1	6	295	0.1
36 Central Europe	0	0	0	0	9,239	0	0	15	0	0	0	0	0	3,590	1	0	0	0	0	0	208	0.1	
37 Baltic States	0	0	0	80	0	15	0	0	12	0	0	0	0	65	36	0	0	0	0	0	0	12,911	4.5
38 North-Central Europe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	
39 Northern Europe	0	0	0	18	2,259	0	0	0	9,333	81	0	0	0	3,215	52	0	0	0	0	0	15,259	5.4	
40 Middle East	0	0	0	0	1,395	0	0	27	2	70	1	9	0	2,614	180	0	1	0	0	0	4,299	1.5	
41 East Africa	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0.0	
42 West Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
43 East Asia Developing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0.0	
44 East Asia Industrial	0	0	0	0	0	0	0	0	9	0	0	0	0	3	1	0	0	0	0	0	0	0.0	
45 East Coast America	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
46 W Coast America & Pacific	0	0	0	279	0	14	0	0	1	21	16	59	0	1,071	16	0	0	0	0	0	1,479	0.5	
Sub-total for non-TRACECA countries	130	840	0	17,679	70,239	11,168	4,918	1,771	27	11,029	77	894	21	81,378	14,276	401	105	0	223	282	217,039	76.2	
% by commodities	0.0	0.3	0.0	6.2	24.7	3.9	1.7	0.6	0.0	3.9	0.6	0.3	0.0	28.6	5.0	0.1	0.0	0.0	0.1	0.1	76.2	0.0	
TOTAL all countries	143	889	0	20,861	107,906	15,800	9,025	2,116	527	11,112	3,168	720	5,484	21	83,234	21,049	1,481	152	0	771	282	284,741	
% by commodities	0.1	0.3	0.0	7.3	37.9	5.5	3.2	0.7	0.2	3.9	1.1	0.3	1.9	0.0	29.2	7.4	0.5	0.1	0.0	0.3	0.1	0.0	

## AZERBAIJAN

(country)

## Cargo flows data through the border (import, in tonnes) for 1995

Codes of Countries and groups of countries	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 Tajikistan	7	0	0	15	0	60	0	0	0	0	8	0	0	0	56	0	0	0	0	0	0	146	0.0	
4 Kyrgystan	14	214	5	0	1,781	11	0	0	25	0	21	0	1,409	0	0	516	0	0	0	13	0	4,009	0.3	
7 Uzbekistan	3	931	0	203	41,509	13,232	0	0	7	3,286	0	7,390	0	0	137	522	0	12	0	14	0	67,246	4.6	
12 Turkmenistan	0	181	0	0	139,728	0	0	0	0	227	0	2,779	0	0	4	22	0	0	0	0	0	142,941	9.7	
15 Kazakhstan	707	44,145	0	18	67,916	2,107	308	6	34	78	91	2	2,126	0	11,554	412	2	0	0	0	0	129,505	8.8	
21 Georgia	408	2,142	90	1,039	12,549	28,686	11	0	26	717	40	0	1,552	0	17,843	340	14	1	0	22	0	65,479	4.5	
22 Armenia	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 Azerbaijan	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	1,139	47,612	95	1,275	263,482	44,097	320	6	85	1,029	3,446	2	15,256	0	29,593	1,812	16	13	0	49	0	409,326	27.9	
% by commodities	0.1	3.2	0.0	0.1	17.9	3.0	0.0	0.0	0.0	0.1	0.2	0.0	1.0	0.0	2.0	0.1	0.0	0.0	0.0	0.0	0.0	27.9	0.0	
24 Russia and Belarus	2,760	70,101	253	5,749	20,687	11,608	2,765	9	13,840	6,058	579	89	13,340	0	12,935	5,829	2,571	86	0	1,021	0	170,279	11.6	
29 Ukraine and Moldova	4,706	2,858	171	24,089	3,477	2,091	283	8	75	732	145	23	1,269	0	15,197	2,055	473	4	0	239	0	57,896	3.9	
30 China	0	35	0	119	0	46	3	0	0	29	194	20	37	0	5	211	0	0	0	113	0	811	0.1	
31 Indian Sub Continent	0	1,185	0	68	0	114	0	11	0	1	99	0	0	0	0	0	0	0	0	1	0	1,478	0.1	
32 Iran and Gulf States	20,082	116,049	26,311	118,086	25,617	9,939	3,353	21	1,324	640	5,484	4,797	17,492	0	406	1,201	588	1,121	0	3,212	0	355,723	24.2	
33 Turkey	6,526	46,504	21,590	27,608	1,791	5,651	921	75	105	2,329	672	185	1,187	0	1,242	2,901	2,117	3	0	3,137	0	124,545	8.5	
34 North-Western Europe	4,365	165,047	1,021	9,718	33	1,801	422	3	0	73	149	18	1	0	2,305	467	307	47	0	575	0	186,353	12.7	
35 Southern Europe	414	66,350	81	342	19	2,576	28	5	0	24	3	1	1,925	0	13	0	0	0	0	104	0	71,896	4.9	
36 Central Europe	4,322	3,268	28	1,879	189	582	112	0	2	70	0	0	0	0	18	106	99	31	0	81	0	10,787	0.7	
37 Baltic States	3,088	3,418	35	1,508	932	527	15	0	21	57	117	0	23	0	20	16	289	1	0	118	0	10,186	0.7	
38 North-Central Europe	90	4,365	53	470	0	122	0	0	0	59	7	0	90	0	246	11	60	0	0	61	0	5,634	0.4	
39 Northern Europe	0	5,475	0	1,542	40	15	0	0	0	13	50	25	0	0	323	30	3	1	0	551	0	8,070	0.5	
40 Middle East	113	5	0	1,050	31	19	0	0	2	27	41	0	0	0	0	26	1	5	0	6	0	1,327	0.1	
41 East Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
42 West Africa	0	0	0	0	32,231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32,231	2.2	
43 East Asia Developing	0	0	0	0	0	0	0	0	0	0	1,115	0	1	0	7	1	0	0	0	0	0	1,467	0.1	
44 East Asia Industrial	0	342	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	952	0.1	
45 East Coast America	983	7,878	1,425	3,504	0	225	0	0	0	0	1	0	0	0	510	19	180	1	0	0	0	15,216	1.0	
46 W Coast America & Pacific	0	0	0	0	1,071	2	54	1	0	20	84	1	0	0	134	41	1	2	0	18	0	2	0.0	
47 Unknown - No name	0	3,184	352	336	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,871	0.0	
Sub-total for non-TRACECA countries	47,450	496,064	51,319	196,086	85,016	36,402	7,978	132	15,367	10,133	8,737	5,159	35,365	0	33,363	12,926	6,689	1,302	0	9,236	0	1,058,725	72.1	
% by commodities	3.2	33.8	3.5	13.4	5.8	2.5	0.5	0.0	1.0	0.7	0.6	0.4	2.4	0.0	2.3	0.9	0.5	0.1	0.0	0.6	0.0	72.1	0.0	
TOTAL all countries	48,589	543,676	51,414	197,360	348,498	80,499	8,298	138	15,452	11,162	12,183	5,161	50,621	0	62,957	14,738	6,705	1,315	0	9,285	0	1,468,051	0.0	
% by commodities	3.3	37.0	3.5	13.4	23.7	5.5	0.6	0.0	1.1	0.8	0.8	0.4	3.4	0.0	4.3	1.0	0.5	0.1	0.0	0.6	0.0	0.0	0.0	0.0



**AZERBAIJAN**

(country)

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

Codes of Countries and groups of countries	Code of group of commodities																					Total all commodities	% by group of countries	
	Commodities																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
1 Tajikistan	0	50	0	20	3,931	15,829	0	0	0	0	0	0	0	0	0	75	0	0	0	0	0	19,905	0.8	
4 Kyrgystan	0	252	0	197	5,669	99	9	37	0	59	0	0	0	0	0	70	0	0	0	0	0	6,391	0.2	
7 Uzbekistan	0	211	0	177	108	232	1,476	0	7	24	2	0	0	0	79	672	2	17	0	16	0	3,024	0.1	
12 Turkmenistan	0	218	0	375	23,555	5,499	1,315	0	48	164	33	1,352	0	0	359	1,487	256	1	0	5	0	34,667	1.3	
15 Kazakhstan	15	710	22	1,421	38,332	1,093	408	0	3	300	48	76	0	0	645	2,234	261	31	0	19	0	45,617	1.7	
21 Georgia	1,213	102	0	1,305	375,255	23,816	546	0	0	267	20	366	0	0	102	0	0	0	0	0	0	402,993	15.3	
22 Armenia	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 Azerbaijan	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	1,228	1,543	22	3,495	446,850	46,569	3,753	0	37	324	568	83	1,794	0	1,084	4,640	519	49	0	41	0	512,598	19.4	
% by commodities	0.0	0.1	0.0	0.1	16.9	1.8	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	19.4	0.0	
24 Russia and Belarus	149	9,393	317	47,707	172,541	10,565	2,552	2	160	427	2,162	1	1,814	0	3,807	10,217	1,477	446	0	23	0	263,758	10.0	
29 Ukraine and Moldova	0	3,759	61	1,600	121,564	352	421	0	0	0	3,981	0	139	0	111	1,731	64	70	0	33	0	133,887	5.1	
30 China	0	779	0	0	0	0	0	0	0	0	1,210	0	0	0	0	0	0	0	0	0	0	1,988	0.1	
31 Indian Sub Continent	0	0	0	0	0	0	40	0	0	6	103	94	0	0	0	69	11	0	0	0	0	324	0.0	
32 Iran and Gulf States	0	830	80	3,575	976,462	3,425	1,712	0	659	911	14,031	86	11	0	39,108	9,895	17,623	21	0	0	0	1,068,430	40.4	
33 Turkey	72	2,118	18	8,684	2,995	2,915	2,246	0	328	616	12,974	0	84	0	1,549	27	5	0	0	7	0	34,638	1.3	
34 North-Western Europe	21	833	0	2,646	23,426	161	80	0	0	0	240	0	0	0	0	203	0	0	0	0	0	27,531	1.0	
35 Southern Europe	0	72	0	500	424,696	0	0	0	186	0	60	0	0	0	1,050	22	0	0	0	0	0	426,666	16.2	
36 Central Europe	0	0	0	0	0	0	0	0	0	0	16,624	0	0	0	2,203	215	0	0	0	0	0	19,041	0.7	
37 Baltic States	0	90	0	1,478	61,847	0	0	0	0	0	1,671	0	0	0	0	0	0	0	0	0	0	65,086	2.5	
38 North-Central Europe	0	299	0	0	0	0	0	0	0	0	79	0	0	0	40	0	0	4	0	0	0	421	0.0	
39 Northern Europe	0	36	0	0	46,072	0	0	0	0	0	29,952	0	0	0	241	6	0	0	0	0	0	76,307	2.9	
40 Middle East	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	69	0	0	0	0	0	70	0.0	
41 East Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
42 West Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
43 East Asia Developing	0	92	0	0	0	0	0	0	0	0	73	0	0	0	0	15	0	0	0	0	0	180	0.0	
44 East Asia Industrial	0	1,000	0	0	0	0	0	0	0	0	544	0	0	0	0	0	0	0	0	0	0	1,544	0.1	
45 East Coast America	0	0	0	0	0	0	8,953	0	0	0	80	0	0	0	0	0	0	0	0	0	0	9,033	0.3	
46 W Coast America & Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	233	0	0	0	0	0	233	0.0	
47 Unknown	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
Sub-total for non-TRACECA countries	243	19,300	476	66,189	1,826,609	17,498	16,675	2,248	1,333	1,960	83,782	181	2,049	0	48,108	22,702	19,180	541	0	63	0	2,129,137	80.6	
% by commodities	0.0	0.7	0.0	2.5	69.1	0.7	0.6	0.1	0.1	0.1	3.2	0.0	0.1	0.0	1.8	0.9	0.7	0.0	0.0	0.0	0.0	80.6	0.0	
TOTAL all countries	1,471	20,844	497	69,684	2,273,459	64,067	20,429	2,248	1,369	2,284	84,350	264	3,843	0	49,191	27,342	19,699	589	0	104	0	2,641,735	0.0	
% by commodities	0.1	0.8	0.0	2.6	86.1	2.4	0.8	0.1	0.1	0.1	3.2	0.0	0.1	0.0	1.9	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**GEORGIA**

(country)

**Cargo flows data through the border (import, in tonnes) for 1996**

Codes of Countries and groups of countries	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 Tajikistan	0	0	0	28	0	1	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	32	0.0
4 Kyrgyzstan	10	0	0	5	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	25	0.0
7 Uzbekistan	12	0	0	45	0	132	0	0	0	230	24	0	0	0	0	39	0	0	0	0	0	482	0.0
12 Turkmenistan	0	13	0	0	6,107	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	6,145	0.3
15 Kazakhstan	84	538	0	0	117	59	0	0	0	82	139	0	0	0	518	0	0	0	0	0	0	1,538	0.1
21 Georgia	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 Armenia	0	0	0	19	78,313	2,814	2	0	21	143	16	1	5,231	0	3,535	437	76	0	0	0	0	90,616	4.9
23 Azerbaijan	427	158	126	783	380,739	22,827	6,053	0	0	48	111	0	0	0	10,604	45	7	24	0	0	0	421,950	22.6
Sub-total for TRACECA countries	534	709	126	880	465,277	25,833	6,055	0	21	191	439	164	5,255	0	14,661	531	83	24	0	15	0	520,797	27.9
% by commodities	0.0	0.0	0.0	0.0	24.9	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	27.9	0.0
24 Russia and Belarus	1,659	5,360	314	5,550	35,758	3,341	1,575	36	1,871	2,788	230	52	9,444	0	26,658	1,771	921	15	0	71	0	97,415	5.2
29 Ukraine and Moldova	1,512	25,670	227	24,121	20,437	842	206	0	9	732	10	2	8,364	0	8,823	471	110	0	0	20	0	91,556	4.9
30 China	0	0	0	1	0	0	11	10	0	0	138	35	0	0	394	58	0	5	0	0	0	653	0.0
31 Indian Sub Continent	151	1,681	3	1,464	1,038	1,271	254	9	458	34	968	122	1,283	0	1,051	150	83	8	0	0	0	39,439	2.1
32 Iran and Gulf States	4,011	124,579	6,188	28,199	41,831	4,848	708	1	106	2,517	170	5	8,129	0	2,365	634	215	17	0	698	0	11,805	0.6
33 Turkey	1,630	129,587	269	11,696	9,244	435	2,422	0	27	665	365	56	70	0	3,241	734	357	128	1	118	4	225,223	12.1
34 North-Western Europe	6,922	113,308	505	20,239	178,880	5,997	578	1	84	479	143	50	1,372	1	1,165	380	0	46	8	792	0	161,049	8.6
35 Southern Europe	755	51,394	3	9,426	151,996	112	224	0	22	246	113	117	60	0	1,598	390	113	12	0	192	0	330,949	17.7
36 Central Europe	207	1	29	1,344	0	90	0	0	2	78	1	0	93	0	169	202	16	7	0	42	0	2,281	0.1
37 Baltic States	89	12	0	291	0	178	10	0	4	1	3	0	264	0	79	20	21	0	3	8	0	983	0.1
38 North-Central Europe	456	7,194	64	18,008	14,582	8	0	0	0	34	106	0	45	0	92	126	42	3	0	54	0	40,814	2.2
39 Northern Europe	178	2,484	0	788	0	50	45	7	0	84	111	45	1	0	292	71	48	14	0	23	0	4,243	0.2
40 Middle East	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.0
41 East Africa	230	0	0	0	7,763	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,993	0.4
42 West Africa	0	0	0	0	7,456	0	0	0	0	0	9	1	43	0	3	0	0	0	0	0	0	8,415	0.5
43 East Asia Developing	0	855	43	0	5,617	0	3	0	0	0	109	33	0	0	16	39	2	3	0	1	0	5,822	0.3
44 East Asia Industrial	0	0	0	0	491	110	33	0	0	44	99	67	0	0	8,423	412	14	39	0	16	0	99,633	5.3
45 East Coast America	2,022	84,168	2,532	1,162	0	0	0	0	0	0	0	0	0	0	0	108	0	0	0	0	0	128	0.0
46 W Coast America & Pacific	20	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	19,843	585,544	10,178	122,291	475,093	17,281	6,069	64	2,584	7,704	2,586	585	29,170	1	54,547	5,569	1,943	296	12	3,816	4	1,345,179	72.1
% by commodities	1.1	31.4	0.5	6.6	25.5	0.9	0.3	0.0	0.1	0.4	0.1	0.0	1.6	0.0	2.9	0.3	0.1	0.0	0.0	0.2	0.0	72.1	
TOTAL all countries	20,377	586,253	10,303	123,171	940,369	43,114	12,124	64	2,605	7,895	3,025	749	34,425	1	69,208	6,100	2,026	321	12	3,831	4	1,865,977	
% by commodities	1.1	31.4	0.6	6.6	50.4	2.3	0.6	0.0	0.1	0.4	0.2	0.0	1.8	0.0	3.7	0.3	0.1	0.0	0.0	0.2	0.0		

**GEORGIA**

(country)

Tabl. Ge1.3

**Cargo flows data through the border (export, in tonnes) for 1996**

Codes of Countries and groups of countries	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 Tajikistan	0	1,010	0	0	0	0	0	0	0	0	0	0	0	0	265	0	0	0	0	0	0	0	1,275	0.2
4 Kyrgystan	0	162	13	634	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	809	0.1
7 Uzbekistan	0	418	0	41	0	179	0	0	36	16	34	0	0	0	0	45	626	0	0	0	0	0	1,395	0.2
12 Turkmenistan	0	10,227	0	29	0	0	0	0	0	0	14	12	0	0	4	0	1	0	0	0	0	0	10,291	1.8
15 Kazakhstan	0	519	0	317	0	698	19	0	0	0	70	0	0	0	325	94	9	0	0	0	0	0	2,053	0.4
21 Georgia	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
22 Armenia	412	798	218	4,043	76,845	12,905	231	0	98	52	116	0	212	0	835	34	0	0	0	0	0	0	96,868	16.8
23 Azerbaijan	26	354	129	5,484	2,216	19,106	14	0	48	31	490	0	5,714	0	14,385	560	18	8	0	1,963	0	50,550	8.7	
Sub-total for TRACECA countries	438	13,488	361	10,549	79,061	32,889	265	0	182	100	725	12	5,926	0	15,813	737	655	9	0	2,031	0	163,242	28.3	
% by commodities	0.1	2.3	0.1	1.8	13.7	5.7	0.0	0.0	0.0	0.0	0.1	0.0	1.0	0.0	2.7	0.1	0.1	0.0	0.0	0.4	0.0	28.3	0.0	
24 Russia and Belarus	119	7,103	53	27,002	12,336	2,046	269	1	123	83	548	7	1,503	0	46,748	2,189	746	13	0	212	0	101,100	17.5	
29 Ukraine and Moldova	96	1,752	0	1,090	906	63	35	3	0	3	95	4	0	0	81	209	0	1	0	4	0	4,340	0.8	
30 China	0	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300	0.1	
31 Indian Sub Continent	0	0	0	3	0	0	0	0	0	0	38	0	0	0	2	0	113	0	0	0	0	156	0.0	
32 Iran and Gulf States	0	0	0	18	168	367	0	0	91	0	3	1	0	0	6,630	300	1	0	0	0	0	7,578	1.3	
33 Turkey	95	2,229	19	57	178	47,854	94	2,537	16,166	0	24	0	175	0	26,250	2,806	84	1	0	1	0	98,571	17.1	
34 North-Western Europe	0	67	0	2,810	959	26	23,764	0	0	0	98	0	44	0	45	0	2	0	0	0	0	27,816	4.8	
35 Southern Europe	48	343	0	33	56,892	2	0	4	0	0	23	0	4	0	1,262	358	0	0	0	0	0	58,967	10.2	
36 Central Europe	0	0	0	263	50,966	2	0	0	24	0	0	0	0	0	2,882	5	0	0	0	0	0	54,143	9.4	
37 Baltic States	0	282	45	688	0	1,718	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,732	0.5	
38 North-Central Europe	0	367	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	437	0.1	
39 Northern Europe	0	0	0	0	37,727	19,591	0	0	0	0	0	0	0	0	292	0	0	0	0	0	0	57,610	10.0	
40 Middle East	0	52	0	336	0	0	0	0	0	0	0	12	0	0	5	2	3	0	0	0	0	411	0.1	
41 East Africa	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0.0	
42 West Africa	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
43 East Asia Developing	0	0	0	0	0	0	0	0	0	0	56	0	0	0	0	0	0	0	0	0	0	0	0	0.0
44 East Asia Industrial	0	0	0	41	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	56	0.0	
45 East Coast America	0	27	0	25	0	6	0	0	0	0	191	0	12	0	2	0	0	0	0	0	0	61	0.0	
46 W Coast America & Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	264	0.0	
Sub-total for non-TRACECA countries	358	12,549	117	32,434	160,132	71,673	24,162	2,544	16,404	87	1,096	12	1,751	0	84,200	5,868	949	14	0	217	1	414,568	71.7	
% by commodities	0.1	2.2	0.0	5.6	27.7	12.4	4.2	0.4	2.8	0.0	0.2	0.0	0.3	0.0	14.6	1.0	0.2	0.0	0.0	0.0	0.0	71.7	0.0	
TOTAL all countries	796	26,037	478	42,983	239,193	104,562	24,426	2,544	16,587	187	1,821	24	7,677	0	100,013	6,605	1,604	23	0	2,248	1	577,810	0.0	
% by commodities	0.1	4.5	0.1	7.4	41.4	18.1	4.2	0.4	2.9	0.0	0.3	0.0	1.3	0.0	17.3	1.1	0.3	0.0	0.0	0.4	0.0	0.0	0.0	0.0

**KAZAKHSTAN**

(country)

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

Codes of Countries and groups of countries	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 Tajikistan	8	1,551	188	2,120	258	10,449	4	0	2	0	1,766	10	199	0	315	365	308	0	0	1	0	17,543	0.2
4 Kyrgyzstan	219	6,318	33	2,959	99,474	350	94	6	14	897	598	23	9,588	1	393	1,878	787	3	0	175	0	123,810	1.4
7 Uzbekistan	219	44,024	1,815	8,234	532,308	147,474	120	10	79	599	8,865	36	13,497	0	15,330	3,254	309	43	0	793	0	777,010	8.8
12 Turkmenistan	108	471	0	57	19,164	3,498	0	0	8	0	538	0	261	0	96	183	9	0	0	0	0	24,391	0.3
15 Kazakhstan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
15 Georgia	0	1,114	0	87	0	48	0	0	0	34	37	0	0	0	1,190	94	334	0	0	3	0	2,942	0.0
22 Armenia	0	56	0	0	0	23	8	0	0	0	12	20	0	0	0	0	3	3	0	0	0	417	0.0
23 Azerbaijan	4	429	0	1,151	50,339	7,969	182	0	9	59	257	54	192	0	512	1,331	963	23	0	15	0	63,489	0.7
Sub-total for TRACECA countries	558	53,962	2,036	14,608	701,544	169,809	409	16	111	1,588	12,073	143	23,737	1	17,836	7,398	2,713	72	0	987	0	1,009,601	11.5
% by commodities	0.0	0.6	0.0	0.2	8.0	1.9	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	11.5	0.0
24 Russia and Belarus	7,204	19,768	5,463	204,500	3,919,826	590,781	43,739	271	399,748	41,082	11,124	1,320	242,974	12	1,187,414	100,413	83,156	1,457	93	10,984	0	6,871,326	77.9
29 Ukraine and Moldova	33	1,941	2,330	159,060	14,698	7,570	1,760	0	37	146	213	76	1,922	0	20,348	10,284	7,984	65	0	272	0	228,739	2.6
30 China	358	1,113	294	17,038	123,655	3,675	417	416	15	294	1,611	147	744	0	2,669	2,551	183	19	0	293	0	155,491	1.8
31 Indian Sub Continent	1	3,083	0	346	0	894	21	1	9	113	449	0	0	0	306	9	0	7	0	8	0	5,247	0.1
32 Iran and Gulf States	14	9,102	678	9,195	4,626	1,763	400	8	3	311	158	86	1,273	0	381	275	21	9	0	361	0	28,663	0.3
33 Turkey	93	2,193	2,369	20,101	714	8,811	1,045	66	158	743	2,197	68	2,675	0	2,441	3,797	2,079	91	0	678	0	50,319	0.6
34 North-Western Europe	2,780	3,116	2,653	24,412	36,543	9,932	2,269	15	702	2,298	2,272	526	769	0	2,323	13,132	3,930	217	3	1,244	0	109,133	1.2
35 Southern Europe	18	1,282	1,217	7,462	3,937	2,066	212	10	24	120	364	173	384	0	463	1,194	331	14	0	1,172	0	20,441	0.2
36 Central Europe	270	628	401	10,835	17,883	2,348	306	47	645	3,878	383	62	1,165	1	1,010	9,282	1,887	174	1	981	0	51,988	0.6
37 Baltic States	3,851	216	238	15,345	14,763	3,418	297	16	120	510	641	222	382	0	143	3,564	1,559	20	0	1,888	0	47,191	0.5
38 North-Central Europe	126	824	268	2,304	37,595	4,157	386	1	314	617	197	38	1,540	0	3,353	798	422	50	0	1,535	0	54,523	0.6
39 Northern Europe	779	1,856	259	74,649	27,328	2,612	131	3	41	300	152	37	179	0	204	704	61	10	0	136	0	109,439	1.2
40 Middle East	353	571	389	3,211	0	515	69	0	109	629	68	0	216	0	3	126	0	49	0	62	0	6,369	0.1
41 East Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	1,364	0	1,372	0.0
42 West Africa	637	115	7	45	195	77	0	0	116	28	0	0	7	0	20	20	0	0	0	44	0	1,310	0.0
43 East Asia Developing	0	2,063	112	721	0	436	75	18	1	5	323	38	3	0	764	578	81	3	0	63	0	5,284	0.1
44 East Asia Industrial	4	31	0	533	102	91	444	8	0	35	152	18	31	1	243	2,996	1,557	8	0	207	0	6,459	0.1
45 East Coast America	1,974	230	956	4,692	452	1,412	114	5	45	1,610	435	133	225	0	260	1,100	129	232	6	184	0	14,195	0.2
46 W Coast America & Pacific	0	5	0	18	36,858	400	0	0	0	0	4	0	0	0	2,400	217	0	0	0	0	0	39,901	0.5
Sub-total for non-TRACECA countries	18,491	48,135	17,631	554,465	4,238,973	640,957	51,684	886	402,078	52,615	20,405	3,395	254,487	14	1,224,746	151,046	103,379	2,424	102	21,475	0	7,807,388	88.5
% by commodities	0.2	0.5	0.2	6.3	48.1	7.3	0.6	0.0	4.6	0.6	0.2	0.0	2.9	0.0	13.9	1.7	1.2	0.0	0.0	0.2	0.0	88.5	0.0
TOTAL all countries	19,049	102,097	19,668	569,073	4,940,516	810,767	52,093	902	402,190	54,203	32,478	3,538	278,224	15	1,242,562	158,444	106,092	2,497	102	22,462	0	8,816,989	0.0
% by commodities	0.2	1.2	0.2	6.5	56.0	9.2	0.6	0.0	4.6	0.6	0.4	0.0	3.2	0.0	14.1	1.8	1.2	0.0	0.0	0.3	0.0	0.0	0.0

**KAZAKHSTAN**

(country)

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

Codes of Countries and groups of countries	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 Tajikistan	115	284,867	0	839	39,872	2,506	136	0	325	235	21	9	2,405	0	3,091	214	1,186	0	0	11	0	335,830	0.9
4 Kyrgyzstan	919	35,310	74	4,390	807,159	12,101	581	91	2,346	498	302	8	9,282	0	31,420	1,527	944	6	2	226	0	907,184	2.5
7 Uzbekistan	2,005	398,650	153	13,284	1,299,521	46,599	2,414	16	8,730	733	886	82	15,918	10	50,122	5,436	3,943	26	0	163	0	1,848,689	5.2
12 Turkmenistan	5,312	135,357	16	583	132,288	2,292	145	15	398	5	305	15	11,502	0	18,015	6,070	698	2	0	351	0	313,368	0.9
15 Kazakhstan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
21 Georgia	207	235	0	0	45	107	0	1	48	7	8	0	16	0	85	1	0	0	0	0	0	759	0.0
22 Armenia	39	12	0	28	0	0	20	0	0	0	0	0	19	0	84	4	0	0	0	0	0	207	0.0
23 Azerbaijan	1,048	58,807	0	7	40,893	985	281	6	16	15	75	2	2,037	0	36,945	309	0	0	0	22	0	141,448	0.4
Sub-total for TRACECA countries	9,644	913,238	244	19,130	2,319,776	64,589	3,576	129	11,864	1,492	1,597	115	41,179	10	139,762	13,561	6,770	33	2	773	0	3,547,483	9.9
% by commodities	0.0	2.5	0.0	0.1	6.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0
24 Russia and Belarus	71,654	2,341,286	2,764	164,844	18,215,662	1,172,121	50,762	4,400	5,161	2,999	12,040	495	381,088	36	4,097,553	203,231	22,789	759	311	4,876	0	26,754,830	74.6
29 Ukraine and Moldova	209	102,697	0	486	215,993	10,642	393	5	6	5	562	4	840	0	17,405	1,309	2,058	38	0	25	0	352,677	1.0
30 China	53	62,775	48	491	6,642	349,524	171	30,801	1,146	50	63,638	3	226	0	436,676	49,623	3,555	100	202	1,730	0	1,007,452	2.8
31 Indian Sub Continent	24	16,293	0	244	5,689	640	2	289	0	0	759	0	0	0	25,338	8	16	0	2	0	0	49,303	0.1
32 Iran and Gulf States	1,044	2,114	0	146	17,934	40,146	2,507	303	191	270	51	0	850	0	112,168	130	8	0	0	0	0	177,860	0.5
33 Turkey	747	388	0	11	1,048	384	1,802	12,508	171	21	811	0	301	0	127,912	24	16	2	0	0	0	146,145	0.4
34 North-Western Europe	1,185	3,376	0	1,404	466,884	10,823	1,564	1,295	21	0	248	3	31	11	390,480	231	85	12	0	53	0	877,705	2.4
35 Southern Europe	388	226	0	47	51,179	3,073	1,355	1,003	88	16	2,727	1	312	0	88,417	64	467	1	0	2	0	149,365	0.4
36 Central Europe	186	10,524	0	3	1,107,325	9,427	125	373	154	0	5,493	0	96	30	63,921	59	224	7	0	0	0	1,197,945	3.3
37 Baltic States	284	82,976	0	2,102	59,892	8,488	171	476	5	0	494	0	20	0	425,731	160	1,605	2	74	8	0	582,488	1.6
38 North-Central Europe	169	95,732	0	157	57,152	15,132	46	182	15	0	1,592	0	0	0	2,848	33	23	0	3	20	0	173,104	0.5
39 Northern Europe	0	1,353	0	1,109	91,151	2,594	0	76	0	0	574	0	0	0	11,063	8	0	0	0	0	0	107,959	0.3
40 Middle East	112	222	0	0	128	288	0	12	0	0	0	0	0	0	0	8	0	3	0	0	0	774	0.0
41 East Africa	0	131	0	0	0	1,340	0	0	0	0	0	0	0	0	1,120	0	0	0	0	0	0	2,592	0.0
42 West Africa	0	484	0	0	1	718	0	64	0	0	0	0	0	0	15,762	0	0	5	0	0	0	17,034	0.0
43 East Asia Developing	0	1,839	0	0	14,770	800	0	106	0	0	921	0	0	0	262,682	0	0	0	458	0	0	281,575	0.8
44 East Asia Industrial	5	343	0	0	29,671	9,049	1	225	11	0	1,098	0	0	0	166,636	0	8	0	0	0	0	207,047	0.6
45 East Coast America	13	914	0	333	34,759	8,406	5	1	5	1	1,578	0	0	0	160,697	223	2	22	0	1	0	206,959	0.6
46 W Coast America & Pacific	0	69	0	0	0	0	0	0	0	0	15	0	0	0	2,497	0	0	0	0	0	0	2,560	0.0
Sub-total for non-TRACECA countries	76,074	2,723,741	2,812	171,376	20,375,879	1,643,595	58,904	52,119	6,973	3,361	92,599	507	383,764	107	6,408,905	255,109	30,855	952	1,050	6,715	0	32,295,395	90.1
% by commodities	0.2	7.6	0.0	0.5	56.8	4.6	0.2	0.1	0.0	0.0	0.3	0.0	1.1	0.0	17.9	0.7	0.1	0.0	0.0	0.0	0.0	90.1	0.0
TOTAL all countries	85,718	3,636,978	3,056	190,505	22,695,655	1,708,184	62,480	52,247	18,837	4,854	94,196	622	424,943	117	6,548,667	268,670	37,626	985	1,051	7,488	0	35,842,878	0
% by commodities	0.2	10.1	0.0	0.5	63.3	4.8	0.2	0.1	0.1	0.0	0.3	0.0	1.2	0.0	18.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0

**KYRGHZYSTAN**

(country)

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

Codes of Countries and groups of countries	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 Tajikistan	0	766	501	63	9,385	413	0	0	10	3	1,555	0	0	0	578	0	0	0	0	6	0	0	0	0	0	0	13,280	0.8	
4 Kyrgystan	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	0	0	0.0	
7 Uzbekistan	42	1,539	11	408	70,859	29,034	53	182	89	74	5,463	25	249	0	1,994	27	2	0	0	142	0	0	0	0	0	0	110,192	6.5	
12 Turkmenistan	0	10	0	250	104,270	0	0	0	0	0	317	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	104,847	6.2	
15 Kazakhstan	903	24,919	44	8,939	354,625	493,049	236	1	1,653	412	554	1	329	0	32,533	2,997	512	0	0	907	0	0	0	0	0	0	922,613	54.2	
21 Georgia	0	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242	0.0		
22 Armenia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,192	0	0	0	0	0	0	0	0	0	0	0	1,192	0.1	
23 Azerbaijan	0	266	0	52	10,050	42	0	0	0	0	564	0	0	0	0	0	2	0	0	16	0	0	0	0	0	0	10,993	0.6	
Sub-total for TRACECA countries	945	27,742	556	9,712	549,189	522,538	289	183	1,752	489	8,454	26	578	0	36,297	3,024	516	0	0	1,071	0	0	0	0	0	0	1,163,359	68.3	
% by commodities	0.1	1.6	0.0	0.6	32.2	30.7	0.0	0.0	0.1	0.0	0.5	0.0	0.0	0.0	2.1	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	68.3	0.0	
24 Russia and Belarus	374	1,794	517	58,020	99,032	21,522	1,214	307	18,916	3,641	5,959	107	4,980	0	13,687	825	1,538	3	0	24,336	0	0	0	0	0	0	256,770	15.1	
29 Ukraine and Moldova	0	2	36	7,844	43	152	8	0	29	0	6	0	0	0	3,103	0	2,750	0	0	48	0	0	0	0	0	0	14,022	0.8	
30 China	0	123	309	1,568	1,794	1,278	2	0	0	18	379	363	9	0	912	1,043	472	0	0	204	0	0	0	0	0	0	8,473	0.5	
31 Indian Sub Continent	0	18	0	5,958	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,978	0.4	
32 Iran and Gulf States	0	1,206	35	1,288	123	287	12	0	0	18	91	9	202	0	0	5	570	0	0	2,188	0	0	0	0	0	0	6,035	0.4	
33 Turkey	0	547	6,530	5,332	434	1,409	9	0	20	6	55	1	670	0	176	385	410	0	0	3,207	0	0	0	0	0	0	19,191	1.1	
34 North-Western Europe	158	53,852	806	2,994	2,442	305	0	0	91	59	4	0	888	0	105	584	360	0	0	338	0	0	0	0	0	0	62,986	3.7	
35 Southern Europe	1	0	7	1,358	0	1,472	0	0	0	28	105	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	2,976	0.2	
36 Central Europe	0	0	0	441	2,270	13	0	0	0	29	0	0	43	0	0	0	4	0	0	4	0	0	0	0	0	0	2,803	0.2	
37 Baltic States	234	1	126	1,491	773	23	0	86	115	78	70	3	209	0	253	1	258	0	0	23	0	0	0	0	0	0	3,742	0.2	
38 North-Central Europe	0	26	5	448	72	58	0	0	28	16	1	0	71	0	0	0	0	0	0	6	0	0	0	0	0	0	731	0.0	
39 Northern Europe	0	0	25	223	0	0	0	0	0	30	16	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	309	0.0	
40 Middle East	0	0	0	139	0	34	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	174	0.0	
41 East Africa	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	0	0	0.0	
42 West Africa	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	0	0	0.0	
43 East Asia Developing	0	9	0	0	0	10	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0.0	
44 East Asia Industrial	0	0	0	34	0	202	0	0	0	0	36	0	0	0	890	1,071	446	0	0	1,787	0	0	0	0	0	0	4,466	0.3	
45 East Coast America	178	75,554	1,051	67,203	21	3	2	0	0	0	3	0	0	0	1,224	42	168	0	0	6,087	0	0	0	0	0	0	151,536	8.9	
46 W Coast America & Pacific	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	0	0	0.0	
Sub-total for non-TRACECA countries	944	133,131	9,446	154,340	107,004	26,770	1,246	393	19,199	3,924	6,726	485	7,072	0	20,350	3,979	6,978	3	0	38,236	0	0	0	0	0	0	540,226	31.7	
% by commodities	0.1	7.8	0.6	9.1	6.3	1.6	0.1	0.0	1.1	0.2	0.4	0.0	0.4	0.0	1.2	0.2	0.4	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	31.7	0.0	
TOTAL all countries	1,889	160,873	10,002	164,052	656,193	549,308	1,535	575	20,951	4,412	15,180	511	7,649	0	56,647	7,003	7,494	4	0	39,307	0	0	0	0	0	0	1,703,585	0.0	
% by commodities	0.1	9.4	0.6	9.6	38.5	32.2	0.1	0.0	1.2	0.3	0.9	0.0	0.4	0.0	3.3	0.4	0.4	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

## KYRGHYZSTAN

(country)

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

Codes of countries and groups of countries	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 Tajikistan	122	2,854	0	2,070	59,249	931	1	7	209	0	113	2	9,962	0	101	38	0	0	0	114	0	75,774	9.9		
4 Kyrgyzstan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7 Uzbekistan	4,173	984	0	1,982	87,764	61	322	71	262	168	10,663	1	10,731	0	8,653	5,626	0	0	0	764	0	132,224	17.3		
12 Turkmenistan	58	1,096	0	483	9,488	51	0	4	0	0	45	1	19	0	245	0	0	0	0	33	0	11,523	1.5		
15 Kazakhstan	769	12,575	0	15,545	109,232	170	159	4	7	496	1,300	8	5,333	0	998	4,113	0	0	0	1,557	0	152,266	19.9		
21 Georgia	8	56	0	234	0	0	0	22	0	8	5	0	0	0	0	0	0	0	0	1	0	334	0.0		
22 Armenia	0	60	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	70	0.0		
23 Azerbaijan	13	367	0	114	1,801	10	0	0	63	0	1	0	0	0	0	0	0	0	0	925	0	3,295	0.4		
Sub-total for TRACECA countries	5,144	17,993	0	20,427	267,534	1,222	482	108	541	672	12,138	13	26,045	0	9,997	9,778	0	0	0	3,393	0	375,486	49.1		
% by commodities	0.7	2.4	0.0	2.7	35.0	0.2	0.1	0.0	0.1	0.1	1.6	0.0	3.4	0.0	1.3	1.3	0.0	0.0	0.0	0.4	0.0	49.1	0.0		
24 Russia and Belarus	1,788	118,853	0	31,387	15,378	420	17	149	289	136	5,405	23	1,349	0	1,779	37,832	0	0	0	2,980	0	217,784	28.5		
29 Ukraine and Moldova	0	228	0	8,660	64	9	1	13	0	0	338	0	0	0	218	380	0	0	0	59	0	9,970	1.3		
30 China	154	461	0	591	0	8,828	14	5,343	0	0	29,842	3	8	0	56,358	11,035	0	0	0	0	0	112,636	14.7		
31 Indian Sub Continent	828	0	0	0	0	0	0	60	0	0	336	0	0	0	16,378	0	0	0	0	0	0	17,602	2.3		
32 Iran and Gulf States	421	0	0	195	0	6	2	0	13	20	484	0	77	0	7,673	1,857	0	0	0	3	0	10,750	1.4		
33 Turkey	236	121	0	0	1	0	15	689	28	0	1,223	0	0	0	102	3	0	0	0	0	0	2,418	0.3		
34 North-Western Europe	0	4	0	10	0	129	0	9	2,030	60	347	0	63	0	1,611	1	0	0	0	130	0	4,395	0.6		
35 Southern Europe	20	0	0	18	0	0	0	12	0	0	1,818	0	0	0	0	13	0	0	0	799	0	2,680	0.4		
36 Central Europe	0	0	0	0	0	0	0	0	0	0	2,350	0	0	0	100	0	0	0	0	19	0	2,469	0.3		
37 Baltic States	26	80	0	44	0	0	0	17	0	0	252	0	0	0	1,132	3	0	0	68	0	1,622	0.2			
38 North-Central Europe	0	50	0	0	0	132	0	6	0	0	1,522	0	0	0	0	0	0	0	0	0	0	1,579	0.2		
39 Northern Europe	0	0	0	0	0	0	0	0	0	0	257	0	0	0	4,641	0	0	0	0	0	0	5,030	0.7		
40 Middle East	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	29	0.0		
41 East Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		
42 West Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		
43 East Asia Developing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0		
44 East Asia Industrial	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 East Coast America	0	0	0	0	7	47	0	3	0	0	227	0	0	0	50	1	0	0	0	0	0	390	0.1		
46 W Coast America & Pacific	0	0	0	0	0	0	0	0	0	0	20	0	0	0	68	0	0	0	0	0	0	144	0.0		
Sub-total for non-TRACECA countries	3,472	119,797	0	40,905	15,449	9,574	49	6,412	2,359	216	44,485	25	1,497	0	90,109	51,126	0	0	0	4,057	0	389,533	50.9		
% by commodities	0.5	15.7	0.0	5.3	2.0	1.3	0.0	0.8	0.3	0.0	5.8	0.0	0.2	0.0	11.8	6.7	0.0	0.0	0.0	0.5	0.0	50.9	0.0		
TOTAL all countries	8,616	137,790	0	61,333	282,983	10,796	531	6,519	2,900	887	56,623	38	27,542	0	100,106	60,904	0	0	0	7,450	0	765,018	0.0		
% by commodities	1.1	18.0	0.0	8.0	37.0	1.4	0.1	0.9	0.4	0.1	7.4	0.0	3.6	0.0	13.1	8.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0		







**TURKMENISTAN**

(country)

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

Codes of Countries and groups of countries	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 Tajikistan	0	116	0	195	879	613	0	0	2,811	0	0	0	1,341	0	1,020	0	12	0	0	0	0	6,987	0.3
4 Kyrgyzstan	74	1,037	0	99	10,844	55	0	0	703	0	0	0	1,224	0	501	57	222	0	0	0	0	14,817	0.7
7 Uzbekistan	123	196	0	196	276,834	120,713	0	0	0	0	50	0	33,335	0	7,212	121	52	0	0	3,275	0	442,105	20.3
12 Turkmenistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
15 Kazakhstan	8,310	158,099	16	554	49,622	85,958	175	0	662	233	265	0	12,398	0	20,208	2,243	1,646	0	0	348	0	340,736	15.7
21 Georgia	0	3,874	0	8,494	712	0	53	0	0	30	139	16	0	0	356	967	44	15	0	49	0	14,748	0.7
22 Armenia	0	0	0	381	0	515	428	32	20	136	151	490	89	0	261	1,315	154	40	0	368	0	4,391	0.2
23 Azerbaijan	0	39	0	111,189	178,549	4,495	8,021	0	26	51	180	37	9,811	0	1,423	3,397	430	0	0	12	0	317,658	14.6
Sub-total for TRACECA countries	8,506	163,359	16	121,117	517,440	212,350	8,677	32	4,222	451	785	542	58,198	0	30,980	8,100	2,561	56	0	4,052	0	1,141,443	52.5
% by commodities	0.4	7.5	0.0	5.6	23.8	9.8	0.4	0.0	0.2	0.0	0.0	0.0	2.7	0.0	1.4	0.4	0.1	0.0	0.0	0.2	0.0	52.5	0.0
24 Russia and Belarus	938	45,116	434	8,215	14,013	59,750	2,682	28	22,577	2,339	1,017	258	2,945	0	21,863	9,211	6,161	43	19	1,117	0	198,726	9.1
29 Ukraine and Moldova	21,756	131,278	1,488	54,751	1,504	119,979	4,022	112	2,403	832	33,898	315	54,334	0	139,222	7,837	3,224	68	0	362	0	577,382	26.6
30 China	0	412	0	217	0	166	0	0	0	34	340	51	26	0	21	186	0	0	0	50	0	1,502	0.1
31 Indian Sub Continent	0	623	0	555	4,409	244	220	23	0	40	52	44	0	0	467	213	0	0	0	66	0	6,955	0.3
32 Iran and Gulf States	1,403	43,470	34	4,933	849	4,940	1,071	39	60	47	2,880	483	5,724	0	776	324	371	73	0	3,504	0	70,979	3.3
33 Turkey	23	593	157	20,715	171	2,442	1,157	11	1,396	222	392	12	747	0	1,835	693	1,067	0	0	8,411	0	40,042	1.8
34 North-Western Europe	5,158	251	0	3,120	49	1,587	132	0	0	0	410	10	0	0	1,843	1,347	89	0	0	3,613	0	17,608	0.8
35 Southern Europe	190	3,394	0	1,601	0	292	17	0	0	0	12	0	31	0	10,905	739	70	0	0	2,995	0	20,245	0.9
36 Central Europe	856	2,957	0	1,083	16	82	103	0	51	66	11	11	25	0	1,332	320	1,000	0	0	2,837	0	10,749	0.5
37 Baltic States	1,379	99	24	10,035	923	265	50	40	80	115	215	0	123	0	1,051	229	0	0	0	119	0	14,747	0.7
38 North-Central Europe	0	628	0	1,586	0	245	0	0	0	0	20	113	0	0	0	93	19	0	0	0	0	2,703	0.1
39 Northern Europe	0	4,134	0	381	27,468	0	0	0	0	0	22	19	0	0	149	0	0	0	0	13	0	32,185	1.5
40 Middle East	0	0	0	28	0	2,035	12	0	0	0	177	90	12	0	0	11	0	0	0	1,562	0	3,927	0.2
41 East Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
42 West Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
43 East Asia Developing	0	0	0	0	0	2,266	0	0	0	0	129	27	0	0	1,070	0	0	0	0	109	0	109	0.0
44 East Asia Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,491	0.2
45 East Coast America	652	202	0	468	17	678	14	0	0	0	121	0	0	0	4,814	0	233	0	0	68	0	5,922	0.3
46 W Coast America & Pacific	0	0	0	0	0	0	0	0	0	0	87	91	0	0	145	2,390	0	21	0	194	0	4,959	0.2
47 Unknown	0	0	0	0	19,255	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	19,277	0.9
Sub-total for non-TRACECA countries	32,354	233,155	2,135	107,688	68,674	195,002	10,133	253	26,566	3,695	39,781	1,522	63,989	0	185,492	23,593	12,232	205	19	25,020	0	1,031,507	47.5
% by commodities	1.5	10.7	0.1	5.0	3.2	9.0	0.5	0.0	1.2	0.2	1.8	0.1	2.9	0.0	8.5	1.1	0.6	0.0	0.0	1.2	0.0	47.5	
TOTAL all countries	40,860	396,514	2,152	228,805	586,114	407,352	18,810	285	30,788	4,146	40,566	2,064	122,187	0	216,471	31,692	14,793	261	19	29,072	0	2,172,951	
% by commodities	1.9	18.2	0.1	10.5	27.0	18.7	0.9	0.0	1.4	0.2	1.9	0.1	5.6	0.0	10.0	1.5	0.7	0.0	0.0	1.3	0.0		

**TURKMENISTAN**

(country)

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

Codes of Countries and groups of countries	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 Tajikistan	0	0	0	17	280,264	467	0	0	0	0	51	0	337	0	0	0	0	0	0	0	0	281,135	7.7
4 Kyrgyzstan	0	0	54	262	117,353	98	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	117,796	3.2
7 Uzbekistan	700	0	4,445	261	208,173	45,876	112	0	0	711	95	7,300	0	11,393	353	0	0	0	0	0	0	279,418	7.7
12 Turkmenistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Kazakhstan	22	167	65	44	50,334	45,300	0	0	0	34	1,289	0	286	0	20	0	0	0	0	0	0	97,561	2.7
21 Georgia	0	0	0	99	59,332	0	0	0	0	0	0	0	180	0	0	0	0	0	0	0	0	59,611	1.6
22 Armenia	0	0	0	0	5,989	0	0	0	0	0	216	0	0	0	0	0	0	0	0	0	0	6,205	0.2
23 Azerbaijan	0	206	0	20	175,588	659	0	0	0	278	348	0	2,607	0	35	0	0	0	0	0	0	179,740	4.9
Sub-total for TRACECA countries	722	374	4,563	703	897,033	92,400	112	0	0	1,023	2,027	0	10,709	0	11,393	408	0	0	0	0	0	1,021,466	28.0
% by commodities	0.0	0.0	0.1	0.0	24.6	2.5	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0
24 Russia and Belarus	172	2,089	2,933	18,328	336,105	25,685	37	74	0	63	8,774	0	500	0	126	849	0	0	58	0	0	395,793	10.9
29 Ukraine and Moldova	0	446	0	0	10,924	1,595	14	30	0	0	126	0	0	0	20	0	108	0	0	0	0	13,263	0.4
30 China	0	0	0	0	0	723	0	444	0	0	20,507	0	0	0	74	0	0	0	0	0	0	21,748	0.6
31 Indian Sub Continent	0	138	1,040	0	101,853	8,429	175	304	189	0	37,494	0	800	0	4,023	32	21	0	21	11	0	154,529	4.2
32 Iran and Gulf States	0	0	0	0	419,883	0	234	31	98	83	11,242	0	0	0	9,086	291	360	0	0	0	0	441,308	12.1
33 Turkey	32	365	0	0	0	0	0	6,253	0	0	89,029	0	0	0	10,723	0	21	0	0	0	0	106,422	2.9
34 North-Western Europe	0	495	0	0	241,714	90	0	33	0	0	2,997	0	0	0	0	0	0	0	0	0	0	245,330	6.7
35 Southern Europe	0	0	0	0	333,210	31	0	12	0	0	14,429	0	0	0	0	0	0	0	0	0	0	347,682	9.5
36 Central Europe	0	202	0	0	330,465	0	0	30	0	0	60,976	0	0	0	0	0	0	0	0	0	0	391,673	10.7
37 Baltic States	0	90	0	0	83,275	0	0	0	0	0	14,372	0	0	0	0	0	0	0	0	0	0	97,737	2.7
38 North-Central Europe	0	0	0	0	0	0	0	0	0	0	1,635	0	0	0	0	0	0	0	0	0	0	1,635	0.0
39 Northern Europe	0	0	0	0	303,602	0	0	22	0	0	16,917	0	0	0	0	0	0	0	0	0	0	320,541	8.8
40 Middle East	13	0	0	0	0	0	0	0	0	0	202	0	0	471	0	0	0	0	0	0	0	686	0.0
41 East Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
42 West Africa	0	0	0	0	16,438	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,438	0.5
43 East Asia Developing	0	0	0	0	0	0	0	0	0	0	22,421	0	0	0	0	0	0	0	0	0	0	22,421	0.6
44 East Asia Industrial	0	303	0	0	0	0	0	0	0	0	2,382	0	0	0	0	0	0	0	0	0	0	2,684	0.1
45 East Coast America	2,656	513	0	0	36,366	42	0	0	0	0	6,065	0	0	0	0	0	0	0	0	0	0	45,642	1.3
46 W Coast America & Pacific	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 Unknown	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	2,873	4,640	3,973	18,328	2,213,836	36,596	460	7,233	287	147	309,567	0	1,300	0	24,449	1,246	510	0	21	69	0	2,625,533	72.0
% by commodities	0.1	0.1	0.1	0.5	60.7	1.0	0.0	0.2	0.0	0.0	8.5	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	72.0	0.0
TOTAL all countries	3,595	5,014	8,536	19,031	3,110,868	128,996	572	7,233	287	1,169	311,594	0	12,009	0	35,842	1,654	510	0	21	69	0	3,646,999	0.0
% by commodities	0.1	0.1	0.2	0.5	85.3	3.5	0.0	0.2	0.0	0.0	8.5	0.0	0.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

## UZBEKISTAN

(country)

## Cargo flows data through the border (import, in tonnes) for 1996

Codes of Countries and groups of countries	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 Tajikistan	15	344	0	667	53,060	107	27	0	99	32	141	0	105	0	5,679	22	2,180	0	0	26	0	62,504	1.0
4 Kyrgyzstan	521	11,209	121	51,446	984,471	132	154	0	790	611	846	23	26,465	0	13,353	333	2,540	3	0	104	0	1,073,144	16.6
7 Uzbekistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
12 Turkmenistan	361	442	2,974	91	130,031	16	48	19	381	186	0	0	4,241	0	1,692	104	551	34	0	3	0	141,176	2.2
15 Kazakhstan	194	506,398	341	12,213	1,090,949	2,104	3,713	4	27,695	920	1,241	319	14,897	0	31,599	2,151	5,735	38	0	315	0	1,700,827	26.3
21 Georgia	0	612	0	544	0	50	0	0	22	10	7	0	0	0	0	8	554	0	0	0	0	1,807	0.0
22 Armenia	0	0	0	0	0	8	0	0	0	0	0	0	0	0	4	155	618	0	0	0	0	785	0.0
23 Azerbaijan	0	56	398	109	333	252	1,623	0	0	0	2	0	22	0	152	64	18	29	0	4	0	3,060	0.0
Sub-total for TRACECA countries	1,091	519,061	3,833	65,070	2,238,844	2,669	5,565	46	28,607	1,954	2,422	344	45,730	0	52,479	2,837	12,196	105	0	452	0	2,983,304	46.1
% by commodities	0.0	8.0	0.1	1.0	34.6	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.7	0.0	0.8	0.0	0.2	0.0	0.0	0.0	0.0	46.1	0.0
24 Russia and Belarus	2,758	128,601	5,035	58,284	114,414	52,872	34,221	485	354,745	25,517	4,973	1,524	23,355	0	242,305	8,772	39,931	391	0	2,909	0	1,101,093	17.0
29 Ukraine and Moldova	121	34,554	692	40,762	3,442	4,150	2,643	0	432	400	184	21	6,284	0	124,594	1,191	2,490	56	0	646	0	222,662	3.4
30 China	0	7,077	0	2,020	28,672	1,001	3,430	35	85	236	1,170	254	434	0	368	2,018	40	119	0	282	0	47,242	0.7
31 Indian Sub Continent	0	3,557	0	9,340	2	1,686	370	236	50	561	2,043	1,195	26	0	149	323	282	42	0	203	0	20,064	0.3
32 Iran and Gulf States	889	28,988	3,972	65,314	8,300	11,454	8,283	68	414	713	6,702	9,642	7,959	0	1,286	5,598	1,052	218	0	3,539	1	164,394	2.5
33 Turkey	1,010	1,521	4,973	59,038	1,601	28,214	2,929	67	955	1,966	5,062	817	3,455	0	5,133	2,084	1,105	232	0	2,462	0	122,623	1.9
34 North-Western Europe	12,062	543,435	6,168	87,329	659	6,936	3,644	95	249	861	2,393	69	2,164	0	7,074	2,117	3,203	375	0	795	0	679,629	10.5
35 Southern Europe	371	22,527	110	7,159	23,935	2,217	1,440	1	59	203	151	14	1,395	0	1,154	948	56	13	0	623	0	62,375	1.0
36 Central Europe	3,468	363,215	128	28,582	813	1,757	730	0	2	851	789	8	977	0	1,152	260	562	25	0	3,113	0	406,432	6.3
37 Baltic States	8,505	204,881	93	94,658	19,484	2,135	2,832	12	22,218	2,732	866	166	1,134	0	2,138	254	2,551	67	0	3,181	0	367,906	5.7
38 North-Central Europe	815	41,457	2,192	10,884	149	1,119	1,502	6	55	266	945	76	4,483	0	4,612	38	1,755	94	0	504	0	70,955	1.1
39 Northern Europe	60	5,692	150	9,821	947	1,174	1,105	8	142	2,261	48	139	103	0	1,206	1,353	82	15	0	312	0	24,616	0.4
40 Middle East	279	10,480	348	2,841	5	1,416	299	1	0	132	2,863	160	135	0	602	14	6	9	0	42	0	19,633	0.3
41 East Africa	0	9	0	0	5	9	0	0	0	0	0	0	38	0	0	9	0	0	0	0	0	71	0.0
42 West Africa	0	0	0	0	0	0	15	0	0	0	0	0	0	0	809	0	0	0	0	0	0	823	0.0
43 East Asia Developing	21	5,387	754	128	40	131	331	18	20	9	493	602	69	0	30	245	2	27	0	158	0	8,465	0.1
44 East Asia Industrial	4	11	1	2,232	14	1,078	3,973	32	5	344	435	76	136	0	13,952	4,877	9,823	88	0	176	0	37,258	0.6
45 East Coast America	5,033	43,235	711	27,067	41,513	1,499	2,163	3	71	194	280	30	435	0	1,567	318	115	80	0	588	0	124,899	1.9
46 W Coast America & Pacific	194	0	0	156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350	0.0
Sub-total for non-TRACECA countries	35,590	1,444,627	25,326	505,616	243,994	118,849	69,910	1,067	379,502	37,247	29,397	14,792	52,582	0	408,129	30,421	63,055	1,852	0	19,533	1	3,481,490	53.9
% by commodities	0.6	22.3	0.4	7.8	3.8	1.8	1.1	0.0	5.9	0.6	0.5	0.2	0.8	0.0	6.3	0.5	1.0	0.0	0.0	0.3	0.0	53.9	
TOTAL all countries	36,681	1,963,689	29,158	570,686	2,482,838	121,518	75,475	1,113	408,108	39,201	31,819	15,136	98,311	0	460,608	33,258	75,251	1,957	0	19,985	2	6,464,794	
% by commodities	0.6	30.4	0.5	8.8	38.4	1.9	1.2	0.0	6.3	0.6	0.5	0.2	1.5	0.0	7.1	0.5	1.2	0.0	0.0	0.3	0.0		

## UZBEKISTAN

(country)

## Cargo flows data through the border (export, in tonnes) for 1996

Codes of Countries and groups of countries	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 Tajikistan	30	4,599	1,386	1,847	106,587	64,602	70	0	2	223	94	53	6,038	0	844	508	3,702	2	0	4	0	190,591	5.5
4 Kyrgyzstan	9,763	6,343	330	790	114,665	67,111	136	0	15	80	2,051	30	6,356	0	3,231	117	1,262	1	0	85	0	212,363	6.2
7 Uzbekistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
12 Turkmenistan	178	558	0	40	332,327	28,894	84	0	59	10	1,137	2	19,607	0	7,201	138	9,161	0	0	28	0	399,424	11.6
15 Kazakhstan	126	32,642	6,698	6,761	370,213	28,671	136	0	44	114	2,388	59	2,371	0	11,445	901	3,260	4	0	343	0	466,177	13.5
21 Georgia	10	68	0	60	100	100	0	0	0	0	100	20	0	0	20	52	0	1	0	14	0	140	0.0
22 Armenia	0	0	0	119	0	0	0	0	0	0	42	0	0	0	0	0	0	0	0	0	0	140	0.0
23 Azerbaijan	2	313	0	0	68,255	1	10	0	16	0	46	0	1,918	0	687	75	9	0	0	22	0	71,355	2.1
Sub-total for TRACECA countries	10,108	44,523	8,414	9,617	992,046	189,379	436	0	137	426	5,857	165	36,289	0	23,427	1,792	17,394	8	0	495	0	1,340,515	38.8
% by commodities	0.3	1.3	0.2	0.3	28.7	5.5	0.0	0.0	0.0	0.0	0.2	0.0	1.1	0.0	0.7	0.1	0.5	0.0	0.0	0.0	0.0	38.8	0.0
24 Russia and Belarus	479	410,077	4,464	49,649	46,761	12,924	1,061	72	1,564	229	121,322	362	992	0	35,386	5,547	6,828	78	0	2,345	0	700,140	20.3
29 Ukraine and Moldova	18	1,486	1,304	6,212	48,813	252	23	7	95	2	5,462	2	197	0	7,220	955	2,452	1	0	97	0	74,596	2.2
30 China	0	4,204	0	0	301	304,505	3	0	0	0	9,253	0	5	0	0	15	749	0	0	0	0	319,035	9.2
31 Indian Sub Continent	0	100	0	102	29,814	9,233	50	177	0	0	1,555	65	113	0	11,807	5	27	0	0	2	0	53,049	1.5
32 Iran and Gulf States	5	36	0	71	0	0	0	0	0	0	5,226	32	0	0	44,596	7	20	0	0	14	0	50,146	1.5
33 Turkey	5	41	0	0	0	164	0	138	0	0	16,045	0	0	0	202	59	6	0	0	0	0	16,659	0.5
34 North-Western Europe	8	555	0	10,171	49	1,094	0	1	0	140	136,170	0	0	0	32,833	5	150	2	0	0	0	181,178	5.2
35 Southern Europe	0	0	0	0	3,100	0	0	8	0	0	32,908	0	0	0	40,528	151	9	0	199	0	0	76,903	2.2
36 Central Europe	0	0	0	0	8,559	0	2	0	0	0	176,187	0	0	0	8,787	0	0	0	0	0	0	193,536	5.6
37 Baltic States	0	1,003	0	23,550	0	1,448	0	0	0	0	7,862	0	0	0	1,065	36	272	0	0	3	0	35,260	1.0
38 North-Central Europe	0	40	0	0	0	0	0	0	0	0	15,906	0	0	0	8,961	0	5	0	6	8	0	24,927	0.7
39 Northern Europe	0	0	0	1	0	0	0	0	0	361	77,245	0	0	0	25	0	0	0	0	0	0	77,632	2.2
40 Middle East	0	25	0	0	0	0	0	53	0	0	187	3	0	0	0	0	0	0	0	0	0	346	0.0
41 East Africa	0	0	0	0	0	210	0	0	0	0	0	0	0	0	0	0	78	0	0	0	0	638	0.0
42 West Africa	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	364	0	65	0	0	44	0.0
43 East Asia Developing	0	0	0	0	0	0	0	0	0	0	9,872	0	0	0	1	1	120	0	0	1	0	9,995	0.3
44 East Asia Industrial	0	52	0	17	0	0	0	56	0	0	125,589	0	0	0	2,004	4	0	0	0	1	0	127,722	3.7
45 East Coast America	0	0	0	0	0	19,799	0	0	0	0	149,325	0	1	0	0	1	5	0	0	0	0	169,131	4.9
46 W Coast America & Pacific	0	22	0	0	0	0	0	0	0	0	49	0	0	0	0	0	0	0	0	18	0	89	0.0
Sub-total for non-TRACECA countries	515	417,656	5,768	89,774	128,838	358,327	1,139	512	1,658	732	890,182	464	1,309	0	193,414	6,811	11,087	82	270	2,487	0	2,111,027	61.2
% by commodities	0.0	12.1	0.2	2.6	3.7	10.4	0.0	0.0	0.0	0.0	25.8	0.0	0.0	0.0	5.6	0.2	0.3	0.0	0.0	0.1	0.0	61.2	
TOTAL all countries	10,623	462,178	14,182	99,391	1,120,885	547,706	1,575	513	1,795	1,159	896,039	628	37,598	0	216,842	8,603	28,481	90	270	2,983	0	3,451,542	
% by commodities	0.3	13.4	0.4	2.9	32.5	15.9	0.0	0.0	0.1	0.0	26.0	0.0	1.1	0.0	6.3	0.2	0.8	0.0	0.0	0.1	0.0		

## **Annex D2**

### **Origin and Destination Matrices by Commodity**



## **Annex D2 - Origin and Destination Matrices by Commodity**

This Appendix provides origin and destination matrices showing foreign trade flows for the TRACECA countries for each of the 21 commodities.

Trade between each of the TRACECA countries is shown in the cells of the matrices, which contain freight tonnages as declared by both the importing and exporting countries. a two letter abbreviation has been used to distinguish the source country of each figure. These are as shown in the following correspondence:

ar	-	Armenia
az	-	Azerbaijan
ge	-	Georgia
kz	-	Kazakhstan
ky	-	Kyrgyzstan
tj	-	Tadjikistan
tu	-	Turkmenistan





TRACECA - BASE YEAR MODEL MATRICES. Commodity 2, Vegetable Produce - All Modes (Tonnes in 1995)

Origin	Destination																Total												
	1	4	7	12	15	21	22	23	24	29	30	31	32	33	34	35		36	37	38	39	40	41	42	43	44	45	46	
Tajikistan	1	649j 0766k	4048j 344uz	1022j 116u	4418j 1551kz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kyrgyzstan	4	10947j 2354ky	984ky 011209uz	1096ky 10377u	12579ky 6318kz	56ky 09ky	60ky 214az	118653	75089	979	461	0	0	0	0	0	0	202	0	0	0	0	0	0	0	0	0	0	
Uzbekistan	7	24239j 74599uz	1539ky 6343uz	196u 0558uz	4402kz 32642uz	0	0	0	0	0	0	0	0	0	0	0	0	80	50	0	0	0	0	0	0	0	0	0	
Turkmenistan	12	1677j 10ky	11u 442uz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1003	40	0	25	0	0	0	0	0	0	22	
Kazakhstan	15	248705j 2844657kz	24919ky 35310kz	398650kz 506396uz	15880u 135357kz	539e 0235kz	12kz 48ar	3095	102897	62775	16293	0	0	0	0	0	202	90	0	0	0	0	0	0	0	0	0	0	
Georgia	21	1010ge 182ze	612uz	10227ge	519e	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Armenia	22	0j 0kz	0uz 16ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	
Azerbaijan	23	0j 0uz	0uz 252az	0uz 218az	0uz 429kz	0uz 102az	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	0uz 0ar	
Russia	24	10092j 644	12860j 2	45150 131278	19768 1941	5360 25670	5898 139	7010j 28586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ukraine	29	644	2	34554	131278	1941	25670	139	28586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China	30	214	123	7077	412	1113	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indian Sub Cont.	31	66	18	3557	913	3083	39252	0	1185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iran, Gulf	32	223	1206	26988	43354	9102	1681	6484	116049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turkey	33	112	547	1521	593	2193	124579	159	46504	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Western Europe	34	40335	53852	543435	231	3116	128587	1188	165047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Europe	35	0	0	2327	3394	1282	113308	1659	66350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Europe	36	16868	0	363215	2957	628	51394	281	3268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baltic States	37	17563	1	204881	125	216	1	0	3418	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Central Europe	38	3042	26	41457	628	824	12	0	4365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Europe	39	2270	0	5692	4134	1856	7194	417	5475	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle East	40	0	0	10480	0	571	2484	47	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Africa	41	0	0	9	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
West Africa	42	0	0	0	0	115	0	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Asia Developing	43	0	0	5387	0	2063	855	0	342	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Asia Industrial	44	0	0	11	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Coast America	45	13913	75554	43235	202	84168	9154	7878	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Coast America & Pacific	46	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total																													



TRACECA - BASE YEAR MODEL MATRICES. Commodity 4, Finished Food Products - All Modes (Tonnes in 1995)

Origin	Destination												Total																
	1	4	7	12	15	21	22	23	24	29	30	31		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	
Tajikistan	1	104Uj 065ky	1230Uj 167Uz	2046Uj 2120Kz	0Uj 155Uz 189Kz	0Uj 289Uz 1554Kz	0Uj 234ky 234ky	0Uj 15az 114ky	1237Uz 324	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kyrgyzstan	4	225Uj 2070ky	198Kz 051446Uz	483ky 285Kz	1554Kz 199Uz	234ky 45ge	234ky 119Uz 0az	114ky 203az	31387 48649	8660 6212	591	0	195	0	10	18	0	44	0	0	0	0	0	0	0	0	0	0	0
Uzbekistan	7	1947Uz 24239Uj	408ky 790Uz	198Uz 0440Uz	823Kz 876Uz	45ge 80Uz	119Uz 0az 119Uz 0az	203az 0Uz	48649 6212	6212	0	102	71	0	10171	0	0	23550	0	1	0	0	0	0	0	17	0	0	0
Turkmenistan	12	0Uj 0Uz 630Uj	250ky 8939Uz	250Uz 1324Kz	0Uj 57Kz 554Uz	0Uj 0ge 0Uz 0Kz	0Uj 0ge 28Kz 0az	20Uz 0az 7Kz 18az	17923 164844	0	0	0	0	0	11	1404	47	3	2102	157	1109	0	0	0	0	0	0	0	0
Kazakhstan	15	839Kz 0Kz	4390Kz 544Uz	12213Uz 29Uz	583Kz 731Uz	0Uz 0Kz 317ge	0Uz 0Kz 0Uz 0Kz	28Kz 0az 4043ge	486 27002	486	481	244	146	11	1404	47	3	2102	157	1109	0	0	0	0	0	0	333	0	
Georgia	21	0Uj 0ge 0Kz 0az	634ge 136ar	87Kz 2824ar	317ge 381Uz	19ge 0Uz	19ge 0Uz	0Uz 0az 0Uz 0az	27002 17016	1090	0	3	18	57	2810	33	283	688	70	0	335	0	0	0	0	41	25	0	
Armenia	22	0Uj 0ar 0Kz 0az	136ar 52Kz	2824ar 177az	381Uz 111189Uz	0Uz 0Kz 127ar	0Uz 0Kz 783ge	0Uz 0az 0Uz 0az	17016 1600	231	0	0	0	0	35	20	0	80	0	18	0	0	0	0	0	0	279	0	
Azerbaijan	23	0Uj 20az 187az	109Uz 375az	109Uz 375az	1151Kz 1305az	1305az 0az 0ar	1305az 0az 0ar	1305az 0az 0ar	47707	1600	0	0	3575	8684	2646	500	0	1478	0	0	0	0	0	0	0	0	0	0	0
Russia	24	3146 328	58020 7844	58284 40762	8181 54751	204500 159060	5550 24121	10245 879	5749 24089	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ukraine	29	328 0	7844 1568	40762 2020	54751 217	159060 17038	24121 1	879 12	24089 119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China	30	0	1568 5956	2020 9340	217 265	17038 346	1 0	12 0	119 68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indian Sub Cont.	31	58 1288	5956 1288	9340 65314	265 5048	346 9195	0 1464	0 80970	68 118086	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iran, Gulf	32	1288 0	1288 5332	65314 56038	5048 20715	9195 20101	1464 28192	80970 1105	118086 27608	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turkey	33	0	5332 2994	56038 87228	20715 3140	20101 24412	28192 11898	1105 11147	27608 9718	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Western Europe	34	5586 102	2994 1358	87228 7159	3140 8343	24412 7462	11898 20239	11147 5712	9718 342	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Europe	35	102 437	1358 441	7159 28582	8343 2104	7462 10835	20239 9428	5712 1405	342 1879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Europe	36	437 3445	441 1491	28582 94658	2104 10008	10835 15545	9428 1344	1405 38	1879 1508	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baltic States	37	3445 4387	1491 448	94658 10884	10008 1566	15545 2304	1344 281	38 283	1508 470	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Central Europe	38	4387 498	448 223	10884 9821	1566 381	2304 74649	281 18008	283 207	470 1542	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Europe	39	498 0	223 139	9821 2941	381 28	74649 3211	18008 788	207 659	1542 1050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle East	40	0	139 0	2941 0	28 0	3211 0	788 0	659 2	1050 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Africa	41	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	0	0	0	0	0	0	0	0	0	0
West Africa	42	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	0	0	0	0	0	0	0	0	0	0
East Asia Developing	43	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	0	0	0	0	0	0	0	0	0	0
East Asia Industrial	44	5	34	2332	0	533	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
East Coast America	45	8031	67203	27067	468	4692	1162	3535	3504	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
West Coast America & Pacific	46	0	0	156	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total																													



TRACECA - BASE YEAR MODEL MATRICES. Commodity 6, Chemicals - All Modes (Tonnes in 1995)

Origin	1	4	7	12	15	21	22	23	24	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	Total	
Tajikistan	1	0.96j 413ky	107uz	613tu	170ky	0h.10e	0h.0az	297	0	2123	0	0	0	0	0	0	0	0	0	128	0	0	0	0	0	0	0	0	
Kyrgyzstan	4	0h.831ky	0.133uz	51ky 550	150ky	0ky 0pe	10ky 11a	420	9	8828	0	6	0	0	129	0	0	0	1	132	0	0	0	0	0	1	47	0	
Uzbekistan	7	0.460uz	67111uz	0.2889uz	2867uz	100uz	0uz 247ar	12924	252	304505	9233	140	164	1094	0	8559	1448	0	0	0	0	210	0	0	0	0	19798	0	
Turkmenistan	12	0ky .98u	46075u	0.3498uz	43300ru	0h.0pe	0h.0az	25587	1595	723	8231	0	0	0	90	31	0	0	0	0	0	0	0	0	0	0	42	0	
Kazakhstan	15	2506kz	12107kz	2282kz	48kz	0.107kz	0kz 52ar	1172121	10642	348524	640	40145	384	10823	3073	9427	8488	15132	2594	0	288	1340	718	800	9049	8406	0	0	
Georgia	21	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe	0h.0pe
Armenia	22	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az	0h.0az
Azerbaijan	23	15829az	42ky 99az	252uz	5459az	7969kz	0az 0ar	0	10565	352	0	0	3425	2995	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Russia	24	13700	21522	52872	25935	590781	3341	13810	11608	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ukraine	29	20	152	4150	119947	7570	842	1572	2091	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China	30	0	1278	1001	166	3675	0	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indian Sub Cont.	31	0	2	1686	44	894	0	548	114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iran, Gulf	32	0	278	11454	4940	1763	1271	34667	9938	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turkey	33	0	1409	28214	2442	8811	4848	230	5651	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Western Europe	34	0	305	6936	1587	8932	435	15968	1801	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Europe	35	0	1472	2217	270	2066	5997	1900	2576	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Europe	36	0	13	1757	0	2348	112	4930	582	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baltic States	37	0	23	2135	265	3418	90	288	527	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Central Europe	38	0	58	1119	245	4157	178	0	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Europe	39	0	0	1174	0	2612	8	473	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle East	40	0	34	1416	2035	515	50	84	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Africa	41	0	0	9	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
West Africa	42	0	0	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Asia Developing	43	0	10	131	2266	496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Asia Industrial	44	0	202	1078	0	91	0	2	225	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Coast America	45	0	3	1499	710	1412	110	75713	1071	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Coast America & Pacifi	46	0	0	0	0	400	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total																													



TRACECA - BASE YEAR MODEL MATRICES: Commodity 8, Leather and Furs - All Modes (Tonnes in 1995)

Origin	Destination															Total												
	1	4	7	12	15	21	22	23	24	29	30	31	32	33	34		35	36	37	38	39	40	41	42	43	44	45	46
Tajikistan	1	0.19k Oz	0k Oz	0k Oz	23k Oz	0k Oz	0k Oz	0k Oz	16k Oz	0	139	719	0	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kyrgyzstan	4	0k Oz	0.71k Oz	22k Oz	4k Oz	6k Oz	22k Oz	0k Oz	25k Oz	149	5343	600	0	689	9	12	0	17	6	0	0	0	0	0	0	112	3	0
Uzbekistan	7	0k Oz	182k Oz	0k Oz	0k Oz	10k Oz	0k Oz	0k Oz	72	7	0	177	0	138	1	8	0	0	0	0	53	0	0	0	0	56	0	0
Turkmenistan	12	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	30	0	246	235	31	3745	33	12	30	0	0	22	0	0	0	0	0	0	0	0
Kazakhstan	15	0k Oz	1k Oz	91k Oz	16k Oz	4k Oz	0k Oz	15k Oz	4400	5	30801	284	303	12508	1285	1003	373	476	182	76	12	0	64	108	225	1	0	
Georgia	21	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	1	3	0	0	0	2537	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Armenia	22	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	51	0	0	0	0	1678	0	0	15	0	0	0	27	0	0	0	0	0	0	0
Azerbaijan	23	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	0k Oz	2	0	0	0	0	2246	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Russia	24	0	307	485	28	271	36	147	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ukraine	29	0	0	0	112	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China	30	0	0	35	0	416	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indian Sub Cont.	31	0	0	236	23	1	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iran, Gulf	32	0	0	68	38	8	9	7	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turkey	33	0	0	67	11	66	1	0	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Western Europe	34	0	0	95	0	15	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Europe	35	0	0	1	0	10	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Europe	36	0	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baltic States	37	0	86	12	40	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Central Europe	38	0	0	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Europe	39	0	0	6	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle East	40	0	0	1	0	0	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Africa	41	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	0	0
West Africa	42	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	0	0
East Asia Developing	43	0	0	18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Asia Industrial	44	0	0	32	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Coast America	45	0	0	3	0	5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Coast America & Pacifi	46	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	0	0
Total																												







TRACECA - BASE YEAR MODEL MATRICES. Commodity 11, Textiles - All Modes (Tonnes in 1995)

Origin	Destination																																														Total
	1	4	7	12	15	21	22	23	24	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46																				
Tajikistan	1	3011 0 1555ky	1790l 141uz	10683ky 1300ky	869h 1789kz	0j1 Dje 1000y	0j1 2ar 10ky Dje	5lj Baz 11v, 21bz	34143 5405	2745 338	2583 2984z	38 336	0 484	4507 1223	5251 347	4777 1816	30149 2350	14226 252	1220 1522	4036 257	0 0	0 0	0 0	0 0	688 0	4377 0	8700 0	0 0																			
Kyrgyzstan	4	0j1 113ky 5463ky	0 846uz 50u	45ky 0lu 589kz	5ky 0je 230ge	10ky Dje 42uz Sar	10ky Dje 46uz	11v, 21bz 3206kz	5405 12132z	338 5462	2984z 9253	336 1555	484 5226	1223 16045	347 136170	1816 32908	2350 176187	252 7882	1522 15906	257 77245	0 0	0 0	0 0	0 0	0 9872	0 125558	0 149325	0 49																			
Uzbekistan	7	54j 94uz 2057uz	317ky 95u	0 1137uz 2386uz	2386uz 1310u	100uz 0lu Dje	42uz Sar 210u	46uz 348lu 0az	12132z 8774	5462 126	9253 20507	1555 37473	5226 11242	16045 89029	136170 2997	32908 13894	176187 61051	7882 14223	15906 1635	77245 13253	0 0	0 0	0 0	0 0	0 22421	0 2382	0 7669	0 0																			
Turkmenistan	12	20j 51u 26u	188uz 1247uz	305kz 305kz	2668u 0 538kz	0lu Dje 0 22ge 8z	434ar 0uz 0ar	348lu 0az 75kz 91a	8774 12040	126 562	20507 63638	37473 739	11242 51	89029 811	2997 248	13894 2727	61051 5493	14223 484	1635 1592	13253 574	0 0	0 0	0 0	0 0	0 921	0 1098	0 1578	0 15																			
Kazakhstan	15	2j1 21kz 302kz	54ky 1247uz	305kz 305kz	2668u 0 538kz	0lu Dje 0 22ge 8z	434ar 0uz 0ar	348lu 0az 75kz 91a	8774 12040	126 562	20507 63638	37473 739	11242 51	89029 811	2997 248	13894 2727	61051 5493	14223 484	1635 1592	13253 574	0 0	0 0	0 0	0 0	0 921	0 1098	0 1578	0 15																			
Georgia	21	0j1 Dje 0ky Dje	34ge 7uz 14ge	139lu 70ge	37kz 70ge	0 22ge 8z 0 564ar	0uz 0ar 490ge	75kz 91a 40az	12040 548	562 95	63638 0	739 38	51 0	811 3	248 98	2727 23	5493 0	484 0	1592 0	574 0	0 0	0 0	0 0	0 0	0 56	0 19	0 191	0 0																			
Armenia	22	0j1 Dar 0ky Dar	0uz 15ar 1516ar	12kz 41ar 16ge 15ar	12kz 41ar 16ge 15ar	0 0az 0ar 0 0az 0ar	0 0az 0ar 0 0az 0ar	0 0az 0ar 0 0az 0ar	1302 0	52 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	0 0	0 0	0 0	0 0	0 0	0 0	0 0																		
Azerbaijan	23	0j1 0az 59az	24az 2uz 164az	257kz 20z	257kz 20z	0az 0ar 0az 0ar	0az 0ar 0az 0ar	0az 0ar 0az 0ar	2162 0	3981 0	1210 0	103 0	14031 0	12974 0	240 0	60 0	16624 0	1671 0	79 0	29852 0	0 0	0 0	0 0	0 0	0 0	0 73	0 544	0 80	0 0																		
Russia	24	10315 5959	4973 1017	11124 230	11124 230	1589 578	1589 578	1589 578	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 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0																		
Ukraine	29	0	6	184	33898	213	10	13	145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
China	30	0	379	1170	340	1611	138	0	194	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
Indian Sub Cont.	31	0	1	2043	52	113	9	0	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
Iran, Gulf	32	0	91	6702	2880	158	968	978	5484	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
Turkey	33	0	55	5062	392	2197	170	0	672	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
N-Western Europe	34	0	4	2393	410	2272	365	517	148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
Southern Europe	35	0	105	151	12	384	143	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
Central Europe	36	0	0	788	11	383	113	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
Baltic States	37	0	70	866	215	641	1	5	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
N-Central Europe	38	0	1	945	20	197	3	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
Northern Europe	39	0	16	48	22	152	106	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
Middle East	40	0	0	2663	177	68	111	241	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
East Africa	41	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	0	0	0																		
West Africa	42	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	0	0	0																		
East Asia Developing	43	0	0	493	129	323	9	0	1115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
East Asia Industrial	44	0	36	435	121	152	109	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
East Coast America	45	0	3	280	87	435	99	373	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
West Coast America & Pacifi	46	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
Total																																															

TRACECA - BASE YEAR MODEL MATRICES. Commodity 12. Shoes, Head-dresses, Umbrellas, Walking Sticks etc. - All Modes (Tonnes in 1995)

Origin	1	4	7	12	15	21	22	23	24	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	Total
Destination																												
Tajikistan	1	011,0ky	011,0uz	011,0tu	11,10kz	011,0ge	011,0ar	011,0az	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kyrgyzstan	4	011,2ky	011,23uz	11,10tu	81,23kz	01,10ge	01,10ar	01,10az	23	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uzbekistan	7	11,153uz	25,1530u	010,12uz	38,159u	20,15uz	010,15ar	010,15az	362	2	0	65	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turkmenistan	12	011,0tu	01,10tu	010,10kz	010,10ge	010,10ge	010,10ar	010,10az	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kazakhstan	15	011,9kz	11,10kz	011,15kz	010,15kz	13,10ge	010,15ar	21,15kz	495	4	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Georgia	21	011,0ge	01,10ge	010,12ge	010,12ge	010,12ge	010,12ar	010,12az	7	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Armenia	22	201,23ar	01,10ar	480,1u	20,13ar	11,10ge	010,13ar	010,13ar	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0
Azerbaijan	23	011,0az	01,10az	21,10uz	37,103az	48,154kz	010,15az	010,15az	0	1	0	94	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Russia	24	16	107	1524	237	1320	52	22	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ukraine	29	0	0	21	315	76	2	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China	30	0	363	254	51	147	35	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indian Sub Cont.	31	0	0	1195	44	449	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iran, Gulf	32	0	9	9542	463	86	122	31	4787	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turkey	33	0	1	817	12	68	5	0	185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Western Europe	34	0	0	69	10	526	56	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Europe	35	0	2	14	0	173	50	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Europe	36	0	0	8	0	62	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baltic States	37	0	3	166	0	222	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Central Europe	38	0	0	76	113	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Europe	39	0	0	139	19	37	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle East	40	0	0	160	90	0	45	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Africa	41	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	0	0
West Africa	42	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	0	0
East Asia Developing	43	0	0	602	27	38	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Asia Industrial	44	0	0	76	0	18	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Coast America	45	0	0	30	91	133	67	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Coast America & Pacific	46	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	0	0
Total																												













TRACECA - BASE YEAR MODEL MATRICES. Commodity 18, Devices and Appliances - All Modes (Tonnes in 1995)

Origin	Destination																	Total										
	1	4	7	12	15	21	22	23	24	28	30	31	32	33	34	35	36		37	38	39	40	41	42	43	44	45	46
Tajikistan	1	0Uj 0Kz	3Uj 0Uz	0Uj 0Uz	0Uj 0Uz	0Uj 0Kz	0Uj 0Uz	0Uj 0Uz	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kyrgyzstan	4	0Uj 0Kz	0Kz 3Uz	0Kz 0Uz	0Kz 0Uz	0Kz 3Kz	0Kz 0Uz	0Kz 0Uz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uzbekistan	7	0Uj 2Uz	0Kz 1Uz	0Uj 0Uz	43Kz 4Uz	0Uz 1Uz	0Uz 0Uz	12Kz 0Uz	78	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Turkmenistan	12	0Uj 0Uz	0Kz 0Uz	0Uj 3Uz	0Uj 0Kz	0Uj 0Uz	0Uj 0Uz	0Uj 0Uz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kazakhstan	15	0Uj 0Kz	0Kz 6Kz	0Uj 2Kz	0Uj 0Kz	0Uj 0Kz	0Uj 0Kz	0Uj 0Kz	759	38	100	0	0	2	12	1	7	2	0	0	0	0	0	0	0	0	0	0
Georgia	21	0Uj 0Uz	0Uj 0Uz	15Uj 0Uz	0Uj 0Kz	0Uj 0Uz	0Uj 0Uz	8Uj 1Kz	13	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Armenia	22	0Uj 0Uz	0Uj 0Uz	40Uj 40Uz	3Kz 2Kz	0Uz 2Kz	0Uz 0Uz	0Uz 0Uz	95	2	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0
Azerbaijan	23	0Uj 0Uz	0Uj 0Uz	0Uj 1Kz	31Kz 23Kz	24Uz 0Uz	0Uz 0Uz	0Uz 0Uz	446	70	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Russia	24	0	3	391	43	1457	15	94	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ukraine	26	0	0	56	68	65	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
China	30	0	0	118	0	18	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indian Sub Cont.	31	0	0	42	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iran, Gulf	32	0	0	218	73	9	8	28	1121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Turkey	33	0	0	232	0	91	17	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Western Europe	34	0	0	375	0	217	128	122	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Europe	35	0	0	13	0	14	46	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Europe	36	0	0	25	0	174	12	30	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baltic States	37	0	0	67	0	20	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Central Europe	38	0	0	94	0	50	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northern Europe	39	0	0	15	0	10	3	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle East	40	0	0	9	0	49	14	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Africa	41	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	0	0
West Africa	42	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	0	0
East Asia Developing	43	0	0	27	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Asia Industrial	44	0	0	86	0	8	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Coast America	45	0	0	80	21	232	39	122	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Coast America & Pacifi	46	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	0	0
Total																												











## **Annex D3**

### **Import and Export Data by Mode**







Azerbaijan  
(country)

## Cargo flows data through the border (import, in tonnes) 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	1,365	38,820	0	442	0	220	0	907	13	0	0	8	0	173	0	0	71	1	0	0	0	41820	2.9	
	20 Rail	885	27,522	200	4,474	19,837	9,341	1,401	10,856	5,273	307	28	12,400	0	9,923	4,514	875	875	1	0	820	0	108637	7.4	
	30 Road	367	3,945	47	824	849	2,033	1,274	2,076	753	245	51	913	0	2,485	1,186	493	81	0	0	200	0	17828	1.2	
	40 Air	32	13	6	10	0	12	91	2	0	16	26	7	0	44	117	168	3	0	0	1	0	558	0.0	
	45 Other	130	0	0	0	0	1	0	0	0	3	0	11	0	310	13	965	1	0	0	0	0	1435	0.1	
	Σ	2,760	70,101	253	5,749	20,687	11,608	2,765	13,840	6,058	579	89	13,340	0	12,935	5,829	2,571	86	0	0	1,021	0	170279	11.6	
29	10 Sea	2,432	2,779	150	22,566	3,272	1,373	48	0	0	0	0	0	0	4,022	29	0	0	0	0	0	0	4068	0.3	
	20 Rail	1,663	76	21	1,518	205	538	104	8	75	58	7	827	0	10,084	1,652	341	0	0	59	0	46230	3.2		
	30 Road	611	3	0	5	0	164	131	0	0	46	5	442	0	1,090	366	77	0	0	66	0	6446	0.4		
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3	4	0	0	115	0	1100	0.1	
	45 Other	4,706	2,858	171	24,089	3,477	2,091	283	0	75	732	145	23	1,289	0	15,197	2,055	473	4	0	0	0	52	0.0	
	Σ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57866	4.0	
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	35	0	119	0	46	3	0	0	29	194	20	37	0	5	211	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	35	0	119	0	46	3	0	29	194	20	37	0	5	211	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	0	
	20 Rail	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	0	1,121	0	68	0	78	0	4	0	0	42	0	0	0	0	0	0	0	0	0	0	0	0	
	40 Air	0	0	0	0	0	36	0	0	0	1	57	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	1,185	0	68	0	114	0	0	1	99	0	0	0	0	0	0	0	0	0	0	0	0	0	
32	10 Sea	0	2,542	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20 Rail	0	562	0	270	557	0	10	0	2	62	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	19,291	112,945	26,257	116,741	25,060	9,899	3,332	21	368	621	5,411	4,762	15,128	0	378	1,069	564	1,119	0	3,173	0	346137	23.6	
	40 Air	792	0	54	1,070	1	40	11	0	3	19	10	35	18	0	26	110	3	2	0	31	0	2226	0.2	
	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	20,082	116,049	26,311	118,086	25,617	9,939	3,353	21	1,324	640	5,484	4,797	17,492	0	406	1,201	568	1,121	0	3,212	0	355723	24.3	
33	10 Sea	875	0	0	24	0	0	0	0	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20 Rail	0	10,402	0	620	336	50	4	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	5,648	36,100	21,568	25,150	1,455	5,568	916	64	105	2,249	623	182	1,106	0	1,241	2,860	2,106	3	0	9	0	11520	0.8	
	40 Air	4	2	0	1,815	0	13	1	11	0	5	31	3	0	0	1	21	0	0	0	0	0	0	110132	7.5
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1909	0.1
	Σ	6,526	46,504	21,590	27,608	1,791	5,651	921	75	105	2,329	672	185	1,187	0	1,242	2,901	2,117	3	0	3,137	0	124545	8.5	
34	10 Sea	323	0	0	202	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20 Rail	247	160,614	0	1,823	0	251	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	3,744	4,429	980	6,076	33	1,287	420	3	0	61	132	17	0	0	1,213	437	265	14	0	574	0	164029	11.2	
	40 Air	50	4	41	1,617	0	263	3	0	0	5	17	1	0	0	6	30	32	32	0	1	0	0	19687	1.3
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2104	0.1
	Σ	4,365	165,047	1,021	9,718	33	1,801	422	3	73	149	18	1	0	2,305	467	307	47	0	575	0	165553	12.7		
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	63,123	0	0	0	2,478	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	39	3,226	0	305	19	50	10	5	0	22	0	1	6	0	13	9	0	0	0	0	0	0	0	
	40 Air	0	0	81	37	0	48	0	0	0	2	3	0	0	0	2	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	414	66,350	81	342	19	2,576	28	5	24	3	1	1,925	0	13	12	0	0	0	0	104	0	71896	4.9	
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	3,818	3,000	15	641	199	0	30	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	427	268	12	992	0	534	83	0	2	62	0	0	0	0	14	103	83	30	0	81	0	7700	0.5	
	40 Air	77	0	0	246	0	47	0	0	0	1	0	0	0	0	4	2	0	1	0	0	0	0	2691	0.2
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	380	0.0
	Σ	4,322	3,268	28	1,879	199	582	112	2	70	0	0	0	0	18	106	89	31	0	81	0	10787	0.7		
37	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	611	3,229	0	524	932	513	5	0	52	17	0	10	0	5	12	273	1	0	0	108	0	6303	0.4	
	30 Road	1,983	189	35	984	0	2	0	0	11	5	70	13	0	15	3	0	0	0	0	10	0	3329	0.2	
	40 Air	494	0	0	0	0	11	1	0	0	31	0	0	0	1	0	0	14	0	0	0	0	552	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	3,068	3,418	35	1,508	932	527	15	0	21	117	0	23	0	20	16	288	1	0	118	0	10186	0.7		
38	10 Sea	0	0	0	0</																				



**Azerbaijan**  
(country)

**Cargo flows data through the border (export, in tonnes) 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	553	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	556	0.0
	20 Rail	0	0	0	0	3,377	15,825	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19235	0.7
	30 Road	0	50	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	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	50	0	20	3,931	15,829	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19905	0.8	
4	10 Sea	0	0	0	0	344	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	344	0.0
	20 Rail	0	178	0	164	5,325	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5714	0.2
	30 Road	0	74	0	33	0	99	0	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	333	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	252	0	197	5,669	99	9	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	6391	0.2	
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	0.0
	20 Rail	0	16	0	59	108	117	1,181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1727	0.1
	30 Road	0	193	0	118	0	115	295	0	0	7	24	2	0	0	0	0	0	0	0	0	16	0	1293	0.0
	40 Air	0	2	0	0	0	1	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	0.0
Σ	0	211	0	177	108	232	1,476	0	0	7	24	2	0	0	0	0	0	0	0	0	16	0	3024	0.1	
12	10 Sea	0	0	0	0	20,000	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20040	0.8
	20 Rail	0	203	0	102	3,491	5,342	1,257	0	0	30	35	33	1,330	0	0	0	0	0	0	0	0	0	13520	0.5
	30 Road	0	15	0	273	64	157	50	0	0	18	117	0	22	0	0	0	0	0	0	0	0	0	1054	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	2	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	218	0	375	23,555	5,499	1,315	0	0	48	164	33	1,352	0	0	0	0	0	0	0	0	0	52	0.0	
15	10 Sea	0	45	0	168	16,310	0	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	34667	1.3
	20 Rail	0	118	0	294	21,905	721	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17537	0.7
	30 Road	15	519	22	959	117	372	240	0	3	33	48	60	130	0	0	0	0	0	0	0	0	0	24923	0.9
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2862	0.1
	45 Other	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.0
Σ	15	710	22	1,421	38,332	1,093	408	0	0	3	300	48	76	0	0	0	0	0	0	0	0	0	190	0.0	
21	10 Sea	0	0	0	0	16,462	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16462	0.6
	20 Rail	120	102	0	385	344,728	21,435	461	0	0	215	2	0	176	0	0	0	0	0	0	0	0	0	45674	13.9
	30 Road	1,093	0	0	772	14,065	2,381	85	0	0	51	18	0	190	0	0	0	0	0	0	0	0	0	367874	0.7
	40 Air	0	0	0	148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148	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	1,213	102	0	1,305	375,255	23,816	546	0	0	267	20	0	366	0	0	0	0	0	0	0	0	0	402993	15.3	
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	0.0
	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	
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	0.0
	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	
Sub-total for TRACECA countries	1228	1543	22	3495	446850	46569	3753	0	37	324	568	83	1794	0	1084	4640	519	49	0	0	41	0	512598	19.4	
% by commodities	0.0	0.1	0.0	0.1	16.9	1.8	0.1	-	0.0	0.0	0.0	0.0	0.1	-	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	19.4		

## Azerbaijan

(country)

## Cargo flows data through the border (export, in tonnes) 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	12	0	547	72,287	0	51	0	0	0	11	0	1	0	0	5	0	0	0	0	0	0	72914	2.8
	20 Rail	21	6,904	257	38,780	100,123	8,639	1,389	0	0	390	1,345	0	1,148	0	3,529	6,149	338	228	0	0	11	169251	6.4	
	30 Road	128	2,353	60	6,226	130	1,915	1,111	0	160	37	740	1	865	0	276	3,298	820	203	0	12	0	20136	0.8	
	40 Air	0	23	0	6	0	10	0	2	0	0	59	0	0	0	0	2	19	31	14	0	0	166	0.0	
	45 Other	0	101	0	148	0	0	0	0	0	0	7	0	0	0	0	746	288	0	0	0	0	0	1291	0.0
Σ	149	9,393	317	47,707	172,541	10,565	2,552	2	160	427	2,162	1	1,814	0	3,807	10,217	1,477	446	0	23	0	263758	10.0		
29	10 Sea	0	22	0	12,498	0	0	0	0	0	1,236	0	0	0	0	0	0	0	0	0	0	0	13766	0.5	
	20 Rail	0	2,381	0	1,160	106,556	250	203	0	0	0	1,538	0	103	0	98	519	0	15	0	0	0	114833	4.3	
	30 Road	0	1,347	61	421	510	99	218	0	0	0	977	0	32	0	13	791	62	54	0	33	0	4620	0.2	
	40 Air	0	0	0	18	0	0	0	0	0	0	228	0	4	0	0	240	2	0	0	0	0	493	0.0	
	45 Other	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	181	0	0	0	0	0	184	0.0	
Σ	0	3,759	61	1,600	121,564	352	421	0	0	0	3,981	0	139	0	111	1,731	64	70	0	33	0	133887	5.1		
30	10 Sea	0	0	0	0	0	0	0	0	0	981	0	0	0	0	0	0	0	0	0	0	0	981	0.0	
	20 Rail	0	523	0	0	0	0	0	0	0	104	0	0	0	0	0	0	0	0	0	0	0	626	0.0	
	30 Road	0	296	0	0	0	0	0	0	0	125	0	0	0	0	0	0	0	0	0	0	0	381	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	779	0	0	0	0	0	0	0	0	1,210	0	0	0	0	0	0	0	0	0	0	0	1988	0.1	
31	10 Sea	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0.0	
	20 Rail	0	0	0	0	0	0	0	0	0	90	0	0	0	0	0	47	0	0	0	0	0	227	0.0	
	30 Road	0	0	0	0	0	0	40	0	0	6	13	0	0	0	0	21	0	0	0	0	0	80	0.0	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	0	0	0	0	12	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	40	0	0	6	103	0	0	0	0	0	69	11	0	0	0	0	324	0.0	
32	10 Sea	0	0	0	0	976,400	0	0	0	0	3,366	0	0	0	0	5,582	0	0	0	0	0	0	985348	37.3	
	20 Rail	0	0	0	0	0	45	0	0	0	5	0	0	0	0	5,803	36	0	0	0	0	0	5899	0.2	
	30 Road	0	809	80	3,322	63	3,380	1,702	0	659	911	10,643	86	11	0	27,723	9,815	17,623	21	0	0	0	76848	2.9	
	40 Air	0	21	0	252	0	0	0	0	0	0	2	0	0	0	0	320	45	0	0	0	0	320	0.0	
	45 Other	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	16	0.0	
Σ	0	830	80	3,575	976,462	3,425	1,712	0	659	911	14,031	86	11	0	39,108	9,895	17,623	21	0	0	0	1088430	40.4		
33	10 Sea	0	0	0	0	0	0	0	0	0	122	0	0	0	0	0	0	0	0	0	0	0	122	0.0	
	20 Rail	0	0	0	0	0	0	20	0	0	22	0	0	0	0	109	0	0	0	0	0	0	151	0.0	
	30 Road	61	2,118	18	8,664	0	2,992	2,895	2,246	328	616	12,830	84	0	0	1,499	27	5	0	0	7	0	34350	1.3	
	40 Air	11	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	15	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	72	2,118	18	8,664	0	2,995	2,915	2,246	328	616	12,974	84	0	0	1,549	27	5	0	0	0	7	34638	1.3		
34	10 Sea	0	0	0	0	22,355	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22355	0.8	
	20 Rail	0	0	0	567	1,071	0	0	0	0	0	240	0	0	0	0	0	0	0	0	0	0	1657	0.1	
	30 Road	0	833	0	2,060	0	161	0	0	0	0	0	0	0	0	0	203	0	0	0	0	0	3497	0.1	
	40 Air	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	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	21	833	0	2,546	23,426	161	0	0	0	0	240	0	0	0	0	203	0	0	0	0	0	0	27531	1.0	
35	10 Sea	0	0	0	0	322,612	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	322612	12.2	
	20 Rail	0	0	0	500	101,985	0	0	0	0	0	0	0	0	0	1,050	0	0	0	0	0	0	103535	3.9	
	30 Road	0	72	0	0	99	0	80	0	186	0	60	0	0	0	0	22	0	0	0	0	0	519	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	72	0	500	424,696	0	80	0	186	0	60	0	0	0	1,050	22	0	0	0	0	0	0	426666	16.2	
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	0.0	
	20 Rail	0	0	0	0	0	0	0	0	0	336	0	0	0	0	2,149	0	0	0	0	0	0	2485	0.1	
	30 Road	0	0	0	0	0	0	0	0	0	16,287	0	0	0	0	54	203	0	0	0	0	0	16544	0.6	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12	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	16,624	0	0	0	0	2,203	215	0	0	0	0	0	19041	0.7	
37	10 Sea	0	0	0	0	11,435	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11435	0.4	
	20 Rail	0	0	0	991	50,229	0	0	0	0	0	43	0	0	0	0	0	0	0	0	0	0	51263	1.9	
	30 Road	0	80	0	485	183	0	0	0	0	1,627	0	0	0	0	0	0	0	0	0	0	0	2356	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	10	0.0	
	45 Other	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0.0	
Σ	0	90	0	1,478	61,847	0	0	0	0	0	1,671	0	0	0	0	0	0	0	0	0	0	0	65066	2.5	
38	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	70	0	0	0	0	0	0	0	0	0	0	0	70	0.0	
	30 Road	0	0	0	0	0	0	0	0	0	9	0	0	0	0	40	0	0	0	0	0	0	347	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	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	0.0	
Σ	0	299	0	0	0	0	0	0	0	0	79	0	0	0	40	0	0	0	0	0	0	0	421	0.0	

**Azerbaijan**  
(country)  
**Cargo flows data through the border (export, in tonnes) 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				
39	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	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	0	0
	30 Road	0	36	0	0	0	0	0	0	0	0	29 922	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46312	1.8
	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	29957	1.1
	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	0	0	7	0.0
Σ	0	36	0	0	0	0	0	0	0	0	29 922	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76307	2.9	
40	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	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	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	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	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	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	0	0	
41	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	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	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	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	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	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	0	0	
42	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	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	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	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	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	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	0	0	
43	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	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	0	0
	30 Road	0	92	0	0	0	0	0	0	0	0	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180	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	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	0	0
Σ	0	92	0	0	0	0	0	0	0	0	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180	0.0	
44	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	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	0	0
	30 Road	0	1,000	0	0	0	0	0	0	0	0	544	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1544	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	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	0	0
Σ	0	1,000	0	0	0	0	0	0	0	0	544	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1544	0.1	
45	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	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	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	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	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	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	0	0	
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	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	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	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	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	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	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	0	0	0	0
	20 Rail	0	34	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	21	9817	257	42017	406036	8934	3935	0	0	390	3553	90	1251	0	12978	6752	338	243	0	0	0	0	0	0	0	1429528	54.1
	40 Air	189	9294	219	23179	986	8548	12687	2246	1333	1570	74169	87	792	0	29546	14696	18510	279	0	52	0	0	0	0	0	498622	18.9
	45 Other	0	101	0	0	0	0	0	0	0	0	291	0	0	0	2	323	44	18	0	0	0	0	0	0	0	198380	7.5
Σ	243	19300	478	66189	1826609	17488	16875	2248	1333	1860	83782	181	2049	0	48108	27102	19180	541	0	63	0	0	0	0	0	2129137	80.6	
% by commodities	0.0	0.7	0.0	2.5	69.1	0.7	0.6	0.1	0.1	0.1	3.2	0.0	0.1	0.1	1.8	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.6		
TOTAL all countries	10 Sea	0	79	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
	20 Rail	141	10434	257	43020	786970	52373	7009	0	0	635	3851	171	2817	0	14015	8846	616	246	0	0	0	0	0	0	0	1484467	56.2
	30 Road	1298	10146	241	25354	15232	11676	13358	2246	1369	1649	74420	89	1020	0	29593	16196	18586	324	0	88	0	0	0	0	0	931415	35.3
	40 Air	32	56	0	425	1	14	2	0	0	0	291	0	5	0	2	327	46	19	0	0	0	0	0	0	0	222845	8.4
	45 Other	0	129	0	171	0	4	0	0	0	0	56	0	0	0	0	1101	325	0	0	0	0	0	0	0	0	1221	0.0
Σ	1471	20844	497	69684	2273459	64067	20429	2248	1369	2284	84330	264	3843	0	48191	27342	19699	589	0	104	0	0	0	0	0	2641735	100.0	
% by commodities	0.1	0.8	0.0	2.6	86.1	2.4	0.8	0.1	0.1	0.1	3.2	0.0	0.1	0.1	1.9	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		











**Kazakhstan**  
(country)

**Cargo flows data through the border (export, in tonnes) 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	2684	135	0	369	31052	66	620	0	1960	0	21	0	356	0	61	0	2	0	0	0	0	0	37305	0.1	
	20 Rail	24888	2142518	2294	127200	17223749	47570	3077	900	8051	2328	9051	176544	31	4070450	48484	15200	493	220	3345	0	0	25061041	69.9		
	30 Road	44000	197568	470	37108	399788	9526	2567	1371	1261	671	2964	194668	5	26993	14413	6122	213	80	1525	0	0	941493	2.6		
	40 Air	33	78	0	10	9	0	11	0	0	0	0	0	0	8	15	161	1	10	6	0	0	348	0.0		
	45 Other	69	987	0	157	561073	10	5	0	1040	0	5	0	9521	0	100	140319	1304	53	311	4876	0	0	714642	2.0	
Σ	71654	2341286	2764	164844	18215662	1172121	50762	4400	5161	2989	12040	495	381088	36	4097553	203231	22789	759	311	4876	0	0	26754830	74.6		
29	10 Sea	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	0.0	
	20 Rail	0	101123	0	427	165962	10125	273	6	6	5	489	4	827	0	17233	970	1914	7	0	22	0	0	299370	0.8	
	30 Road	209	1505	0	59	50031	517	120	1	93	0	83	0	13	0	172	339	87	13	0	0	0	0	53161	0.1	
	40 Air	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.0	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	19	0	0	0	0	76	0.0	
Σ	209	102697	0	485	215993	10642	393	5	562	4	840	4	840	0	17405	1309	2058	38	0	23	0	0	352677	1.0		
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	0	
	20 Rail	0	36346	0	0	0	10	1725	0	8510	0	50	0	1	0	359447	24762	488	0	202	197	0	0	785773	2.2	
	30 Road	53	24427	48	484	6635	345399	161	2976	1146	0	55128	3	225	0	77229	24862	3026	100	0	1533	0	0	221631	0.6	
	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	42	0	0	0	0	0	42	0.0	
Σ	53	62775	48	491	6642	349524	171	30801	1146	50	63638	3	226	0	436676	49623	3555	100	202	1730	0	0	1007452	2.8		
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	0	
	20 Rail	0	16215	0	196	5689	600	2	75	0	0	0	0	0	0	16074	0	0	0	0	0	0	0	0	38850	0.1
	30 Road	24	78	0	48	40	2	213	0	0	0	759	0	0	9284	7	2	0	0	1	0	0	0	10436	0.0	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	15	0.0	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25338	8	16	0	2	0	0	0	43303	0.1	
Σ	24	16293	0	244	5689	640	2	289	0	0	759	0	0	0	40284	0	0	0	0	0	0	0	0	50394	0.1	
32	10 Sea	0	2000	0	8	7218	18	883	5	0	0	0	0	0	40376	0	0	0	0	0	0	0	0	0	97570	0.3
	20 Rail	24	104	0	40	10480	3947	50	0	850	0	51	0	0	46376	130	0	0	0	0	0	0	0	0	29560	0.1
	30 Road	723	10	0	98	236	480	1574	298	191	270	51	0	0	25509	0	0	8	0	0	0	0	0	0	315	0.0
	40 Air	297	10	0	40	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	20	0	0	0	0	0	0	0	0	0	
Σ	1044	2114	0	146	17934	40146	2507	303	191	270	51	0	0	850	0	112168	130	8	0	0	0	0	0	177860	0.5	
33	10 Sea	0	0	0	0	0	0	1200	0	0	0	0	0	0	0	230	0	0	0	0	0	0	0	0	1430	0.0
	20 Rail	0	194	0	0	937	193	341	302	0	18	162	0	301	0	124689	0	0	2	0	0	0	0	0	127136	0.4
	30 Road	747	195	0	11	111	190	261	12206	171	3	649	0	0	0	2994	24	6	0	0	0	0	0	0	17567	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	747	388	0	11	1048	394	1802	12508	171	21	811	0	0	301	0	127912	24	16	2	0	0	0	0	146145	0.4	
34	10 Sea	0	0	0	0	0	0	1350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1350	0.0
	20 Rail	160	2834	0	1384	466862	10442	73	331	0	152	0	0	0	390098	199	14	0	0	0	0	0	0	0	872549	2.4
	30 Road	1025	542	0	20	22	380	141	962	21	31	95	3	31	358	30	71	12	0	53	0	0	0	0	3775	0.0
	40 Air	0	0	0	0	0	1	0	3	0	0	0	0	0	0	24	2	0	0	0	0	0	0	0	31	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	1185	3376	0	1404	466884	10823	1564	1295	21	0	248	0	0	31	390480	231	85	12	0	53	0	0	0	877705	2.4	
35	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	980	0	0	0	0	0	0	0	0	980	0.0
	20 Rail	388	125	0	0	51179	3070	1355	796	88	16	2208	0	312	87368	62	0	0	0	0	0	0	0	0	146966	0.4
	30 Road	0	101	0	47	0	1	0	201	0	0	457	1	0	69	2	0	1	0	2	0	0	0	0	881	0.0
	40 Air	0	0	0	0	0	3	0	6	0	0	62	0	0	0	0	0	0	0	0	0	0	0	0	71	0.0
	45 Other	388	226	0	47	51179	3073	1355	1003	88	16	2727	1	312	88417	64	467	1	0	0	0	0	0	0	467	0.4
Σ	186	10524	0	3	1107325	9427	125	373	154	0	5493	0	96	30	63921	59	224	7	0	0	0	0	0	1197545	3.3	
36	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	150	0	0	0	0	0	0	0	0	0	43521	0.1
	20 Rail	100	10524	0	3	1063954	9408	125	373	154	0	5493	0	68	63574	58	2	0	0	0	0	0	0	0	1153634	3.2
	30 Road	86	0	0	0	0	19	0	0	0	0	0	29	0	143	1	1	0	0	0	0	0	0	0	279	0.0
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	30	39	0	0	7	0	0	0	0	0	39	0.0
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	221	0	0	0	0	0	0	236	0.0
Σ	186	10524	0	3	1107325	9427	125	373	154	0	5493	0	96	30	63921	59	224	7	0	0	0	0	0	0	1197545	3.3
37	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	0
	20 Rail	0	82876	0	2057	59892	6155	90	367	5	0	488	0	20	424176	146	1605	2	74	0	0	0	0	0	579953	1.6
	30 Road	284	100	0	45																					



Tajikistan  
(country)

## Cargo flows data through the border (import, in tonnes) 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	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	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	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	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	0	-
2	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	0	-	
	20 Rail	0	9608	0	900	11130	0	1	0	0	0	0	0	138	0	9	3	1	0	0	0	0	0	0	0	2	1.6	
	30 Road	0	1339	0	1355	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	
	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	1	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	10947	0	2255	11630	0	1	0	0	0	0	0	138	0	9	3	1	0	0	0	0	0	0	0	3	24937	1.8	
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	0	-	
	20 Rail	0	24239	0	2196	72329	28185	79	0	0	0	0	0	28097	1	3250	47	910	0	0	0	0	0	0	0	834	160251	11.6
	30 Road	0	0	0	665	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	665	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	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	0.0	
Σ	0	24239	0	2861	72329	28185	79	0	0	0	0	0	28097	1	3250	47	910	0	0	0	0	0	0	0	834	160916	11.6	
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	0	-	
	20 Rail	0	1671	0	0	219712	426	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.0	
	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	1671	0	0	219712	426	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.0		
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	0	-	
	20 Rail	0	235151	0	479	40830	310	1	0	0	0	0	0	5045	0	675	21	601	0	0	0	0	0	0	0	283154	20.4	
	30 Road	0	13554	0	148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13702	1.0	
	40 Air	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	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	0.0	
Σ	0	248705	0	630	40830	310	1	0	0	0	0	0	5045	0	675	21	601	0	0	0	0	0	0	0	296859	21.4		
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	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	-		
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	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	-		
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	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	-		
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	0	-	
	20 Rail	0	270668	0	3575	349415	28921	81	0	0	0	0	0	33280	21	3935	72	1512	0	0	0	0	0	0	0	692462	50.0	
	30 Road	0	14893	0	2168	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17561	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	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	0.0	
Σ	0	285562	0	5746	349515	28921	81	0	0	0	0	0	33280	21	3935	72	1512	0	0	0	0	0	0	0	710027	51.2		
% by commodities	-	20.6	-	0.4	25.3	2.1	0.0	-	-	-	0.0	0.0	0.0	2.4	0.3	0.0	0.1	-	-	-	-	-	-	-	0	51.2		

Tajikistan  
(country)

## Cargo flows data through the border (import, in tonnes) 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	0
	20 Rail	0	100921	0	2452	311226	13700	163	0	0	981	10315	16	6544	0	14510	110	2400	0	0	0	24851	0	524215	37.8
	30 Road	0	0	0	258	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	258	0.0	
	40 Air	0	0	0	436	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	436	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	100921	0	3146	311226	13700	163	0	0	981	10315	16	6544	0	14510	110	2400	0	0	0	24851	0	524909	37.9	
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	644	0	300	369	20	0	0	0	0	0	0	0	0	4868	4	250	0	0	0	0	6455	0.5	
	30 Road	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0.0	
	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	644	0	328	369	20	0	0	0	0	0	0	0	0	4868	4	250	0	0	0	0	6483	0.5		
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	214	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	214	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	214	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	66	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	3034	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3100	0.2
	40 Air	0	0	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	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	66	0	59	3034	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3159	0.2	
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	223	0	1065	661	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1949	0.1
	30 Road	0	0	0	223	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	357	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	223	0	1288	795	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2306	0.2	
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	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112	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	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112	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	39335	0	5234	2104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	0	1000	0	552	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46673	3.4
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1352	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	40335	0	5586	2104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48025	3.5
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	102	2270	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	2372	0.2
	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	102	0	102	2270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2372	0.2
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	13118	0	437	3931	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	0	3750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17486	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	3750	0.3
	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	18888	0	437	3931	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21236	1.5
37	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	15563	0	3045	5461	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	0	2000	0	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24069	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	2400	0.2
	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	17563	0	3445	5461	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26469	1.9
38	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	3042	0	4212	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	0	0	0	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7308	0.5
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	175	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	3042	0	4387	54	0	0	0	0	0	0														













**Turkmenistan**  
(country)

**Cargo flows data through the border (import, in tonnes) 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	150	45	0	16	0	2,100	20	0	33	0	0	0	0	0	414	585	27	0	0	0	0	0	3426	0.2
	20 Rail	692	44,859	434	7,963	14,013	23,155	2,362	28	22,112	2,303	897	145	2,922	0	21,200	8,285	2,952	43	19	1,087	0	155480	7.2	
	30 Road	85	133	0	164	0	34,428	254	0	433	0	120	113	23	0	188	284	3,110	0	0	20	0	39353	1.8	
	40 Air	11	80	0	70	0	67	47	0	0	0	0	0	0	0	61	58	38	0	0	0	0	432	0.0	
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	34	0.0
Σ	938	45,116	434	8,215	14,013	58,750	2,682	28	22,577	2,339	1,017	258	2,945	0	21,863	9,211	6,161	43	19	1,117	0	198726	9.2		
29	10 Sea	0	0	0	127	0	2,251	0	0	0	0	0	0	0	0	19	127	0	0	0	0	0	2524	0.1	
	20 Rail	21,458	128,835	1,488	54,192	1,504	117,143	4,022	112	2,403	786	33,880	289	54,334	0	138,532	7,417	3,199	68	0	362	0	570024	26.5	
	30 Road	0	2,443	0	50	0	524	0	0	0	18	0	25	0	0	466	221	25	0	0	0	0	3771	0.2	
	40 Air	298	0	0	383	0	60	0	0	0	46	0	0	0	0	205	72	0	0	0	0	0	1064	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	21,756	131,278	1,488	54,751	1,504	119,979	4,022	112	2,403	832	33,888	315	54,334	0	139,222	7,937	3,224	68	0	362	0	577382	26.8		
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	0
	20 Rail	0	412	0	86	0	144	0	0	0	34	325	51	26	0	0	60	0	0	0	0	0	1190	0.1	
	30 Road	0	0	0	129	0	22	0	0	0	0	15	0	0	0	21	104	0	0	0	0	0	291	0.0	
	40 Air	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	22	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	412	0	217	0	166	0	0	0	34	340	51	26	0	21	186	0	0	0	0	0	1502	0.1		
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	0
	20 Rail	0	76	0	14	4,409	0	95	11	0	30	30	0	0	0	145	56	0	0	0	0	0	4836	0.2	
	30 Road	0	547	0	516	0	200	125	12	0	40	12	32	0	0	322	157	0	0	0	66	0	2029	0.1	
	40 Air	0	0	0	25	0	44	0	0	0	10	11	0	0	0	0	0	0	0	0	0	0	90	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	623	0	555	4,409	244	220	23	0	40	52	44	0	0	467	213	0	0	0	66	0	6955	0.3		
32	10 Sea	0	3,325	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3325	0.2	
	20 Rail	0	116	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	136	0.0	
	30 Road	232	40,012	34	4,897	849	4,940	1,058	39	60	47	2,880	483	5,724	0	776	262	3,481	73	0	3,481	0	66192	3.1	
	40 Air	1,171	18	0	36	0	13	0	0	0	0	0	0	0	0	42	23	0	0	0	0	0	1327	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	0
Σ	1,403	43,470	34	4,933	849	4,940	1,071	39	60	47	2,880	483	5,724	0	776	324	3,711	73	0	3,504	0	70979	3.3		
33	10 Sea	0	0	0	36	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242	0.0	
	20 Rail	0	0	0	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	80	0.0	
	30 Road	23	593	120	20,362	171	2,410	1,157	11	1,376	222	392	12	731	0	1,835	666	1,053	0	0	8,175	0	39309	1.8	
	40 Air	0	0	0	91	0	32	0	0	20	0	0	0	16	0	0	27	13	0	0	0	202	0	401	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	23	593	157	20,715	171	2,442	1,157	11	1,396	222	392	12	747	0	1,835	693	1,067	0	0	8,411	0	40042	1.9		
34	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	833	0.0	
	20 Rail	4,325	231	0	2,780	0	1,415	111	0	0	13	0	0	0	0	1,045	1,298	16	0	0	1,404	0	12638	0.6	
	30 Road	833	20	0	290	48	29	21	0	0	397	10	0	0	0	51	34	63	0	0	2,011	34	3808	0.2	
	40 Air	0	0	0	50	0	143	0	0	0	0	0	0	0	0	15	10	0	0	0	112	0	330	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	5,158	251	0	3,120	49	1,587	132	0	0	410	10	0	0	0	1,843	1,347	89	0	0	3,613	0	17608	0.8		
35	10 Sea	0	3,394	0	52	0	64	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3526	0.2	
	20 Rail	190	0	0	1,383	0	228	0	0	0	0	0	0	11	0	10,905	703	23	0	0	1,869	0	15313	0.7	
	30 Road	0	0	0	30	0	0	0	0	0	0	0	0	20	0	0	36	47	0	0	1,019	0	1151	0.1	
	40 Air	1,000	0	0	136	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	107	0	255	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	190	3,394	0	1,601	0	292	17	0	0	12	0	0	31	0	10,905	739	70	0	0	2,995	0	20245	0.9		
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	0
	20 Rail	856	2,946	0	968	0	103	0	0	66	11	0	0	0	0	1,230	63	78	0	0	643	0	6964	0.3	
	30 Road	0	0	0	0	16	82	0	0	51	0	0	11	25	0	70	181	922	0	0	2,102	0	3458	0.2	
	40 Air	0	11	0	115	0	0	0	0	0	0	0	0	0	0	31	77	0	0	0	92	0	327	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	856	2,957	0	1,083	16	82	103	0	51	66	11	11	25	0	1,332	320	1,000	0	0	2,837	0	10749	0.5		
37	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	1,379	99	24	9,905	923	225	50	40	80	115	163	0	123	0	1,051	229	0	0	0	119	0	14526	0.7	
	30 Road	0	0	0	86	0	0	0	0	0	0	51	0	0	0	0	0	0	0	0	0	0	137	0.0	
	40 Air	0	0	0	43	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	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	1,379	99	24	10,035	923	265	50	40	80	115	215	0	123	0	1,051	229	0	0	0	119	0	14747	0.7		
38	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	628	0	1,566	0	245	0	0	0	20	113	0	0	0	0	0	19	0	0	0	0	2666	0.1	
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	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	628	0	1,586	0	245	0	0	0	20	113	0	0	0	0	0	19	0	0	0	0	2703	0.1		

**Turkmenistan**  
(country)

**Cargo flows data through the border (import, in tonnes) 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
39	10 Sea	0	0	0	0	25 915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25 915	1.2
	20 Rail	0	4 134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4 134	0.2
	30 Road	0	0	0	1 553	0	0	0	0	0	0	0	0	0	0	149	0	0	0	0	13	0	1 715	0.1
	40 Air	0	0	0	381	0	0	0	0	0	22	19	0	0	0	0	0	0	0	0	0	0	422	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	4 134	0	381	27 468	0	0	0	0	22	19	0	0	0	149	0	0	0	0	13	0	32 185	1.5	
40	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	402	0.0
	20 Rail	0	0	0	28	0	137	12	0	0	0	0	0	0	0	0	0	11	0	0	402	0	573	0.0
	30 Road	0	0	0	0	1 898	0	0	0	0	20	0	12	0	0	0	0	0	0	0	0	0	353	0.1
	40 Air	0	0	0	0	0	0	0	0	0	53	13	0	0	0	0	0	0	0	0	764	0	2 843	0.1
	45 Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	0	110	0.0
Σ	0	0	0	28	2 035	12	0	0	0	177	90	12	0	0	0	0	11	0	0	1 562	0	3 927	0.2	
41	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	
42	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	
43	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	1 817	0	0	65	27	0	0	0	0	0	0	0	0	0	0	0	109	0.0
	30 Road	0	0	0	0	0	449	0	0	64	0	0	0	0	0	1 070	0	0	0	0	0	0	1 099	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	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	0.0
Σ	0	0	0	0	0	2 266	0	0	129	27	0	0	0	0	1 070	0	0	0	0	0	0	1 099	0.2	
44	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	32	654	0	0	121	0	0	0	0	4 728	0	0	0	0	0	0	5 768	0.3
	30 Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	0	0	0	0	68	0	154	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	32	654	0	0	121	0	0	0	0	4 814	0	0	0	0	0	68	154	0.3	
45	10 Sea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5922	0.3
	20 Rail	652	202	0	0	0	503	14	0	43	0	0	0	0	80	0	2 363	0	0	0	0	0	567	0.0
	30 Road	0	0	0	37	0	12	0	0	0	44	91	0	0	16	0	0	0	0	0	163	0	3 900	0.2
	40 Air	0	0	0	0	17	70	0	0	0	0	0	0	0	0	0	11	0	0	0	31	0	362	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	129	0.0
Σ	652	202	0	468	17	678	14	0	0	87	91	0	0	0	145	2 390	0	0	0	194	0	4 959	0.2	
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
	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	10 Sea	3 235.4	2 331.55	2 135	10 768.8	4 941.9	19 500.2	10 133	253	26 566	3 695	3 878.1	1 522	6 396.7	0	18 549.2	2 359.3	1 223.2	205	19	2 502.0	0	101 223.0	47.0
	20 Rail	1.5	10.8	0.1	50	2.3	9.1	0.5	0.0	1.2	0.2	1.8	0.1	3.0	0.0	8.6	1.1	0.6	0.0	0.0	1.2	0.0	47.0	0.0
	30 Road	150	6 872	36	82 094	2 080.39	5 692	120	191	28 765	36	360	0	8 430	0	13 831	2 214	49	0	0	557	0	31 570.3	14.7
	40 Air	2 955.2	18 253.7	1 945	79 396	2 084.9	14 463.5	7 422	191	24 594	330	3 558.8	625	57 427	0	17 891.6	2 058.2	6 519	132	19	6 021	0	80 023.4	37.2
	45 Other	1 172	4 374.7	154	26 580	2 638	44 953	2 614	62	19 191	309	40 96	854	6 524	0	5 034	1 977	5 566	73	0	1 786.0	0	16 619.2	7.7
Σ	4 086.0	39 651.4	2 152	22 880.5	5 668.59	40 735.2	18 810	285	30 788	4 146	40 566	2 064	122 165	0	21 647.1	3 169.2	14 793	261	19	2 907.2	0	215 367.3	100.0	
% by commodities	1.9	18.4	0.1	10.6	26.3	18.9	0.9	0.0	1.4	0.2	1.9	0.1	5.7	0.0	10.1	1.5	0.7	0.0	0.0	1.3	0.0	100.0		



**Turkmenistan**  
(country)

**Cargo flows data through the border (export, in tonnes) 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	280	204,864	9,439	0	0	0	0	0	0	320	0	0	0	0	0	0	0	0	0	21,490	5.9
	20 Rail	0	978	2,933	17,895	131,241	15,980	25	44	21	8,128	0	0	180	0	126	778	0	0	0	0	58	17,838	4.9	
	30 Road	172	1,111	0	153	0	268	12	19	0	42	646	0	0	0	0	0	71	0	0	0	0	0	2,492	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	11	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	172	2,089	2,933	18,328	336,105	25,685	37	74	63	8,774	0	0	500	0	126	849	0	0	0	0	58	39,579	10.9		
29	10 Sea	0	0	0	0	2,500	1,147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,647	0.1	
	20 Rail	0	400	0	0	8,424	448	14	30	0	126	0	0	0	0	20	0	0	0	0	0	0	957	0.3	
	30 Road	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	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	446	0	0	10,324	1,595	14	30	0	126	0	0	0	0	20	0	0	0	0	0	0	0	1,326	0.4	
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	723	0	39	0	18,735	0	0	0	0	0	0	0	0	0	0	0	19,497	0.5	
	40 Air	0	0	0	0	0	0	0	0	0	1,759	0	0	0	0	0	74	0	0	0	0	0	2,238	0.1	
	45 Other	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	13	0.0	
Σ	0	0	0	0	0	723	0	444	0	20,507	0	0	0	0	0	74	0	0	0	0	0	21,748	0.6		
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	138	1,040	0	101,853	8,429	175	233	189	7,946	0	800	0	486	0	0	0	0	0	0	0	12,133	3.3	
	30 Road	0	0	0	0	0	0	0	0	0	29,548	0	0	0	0	3,537	32	0	0	0	0	0	33,198	0.9	
	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	138	1,040	0	101,853	8,429	175	304	189	37,494	0	800	0	486	0	4,023	32	21	0	0	0	15,459	4.2		
32	10 Sea	0	0	0	0	416,479	0	0	0	0	1,249	0	0	0	1,066	0	0	0	0	0	0	0	41,879	11.5	
	20 Rail	0	0	0	0	3,265	0	0	0	0	3,766	0	0	0	64	0	0	0	0	0	0	0	7,095	0.2	
	30 Road	0	0	0	0	0	0	234	31	98	6,228	0	0	0	7,957	291	360	0	0	0	0	15,281	0.4		
	40 Air	0	0	0	0	138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	138	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	419,883	0	234	31	98	11,242	0	0	0	9,086	291	360	0	0	0	0	0	44,138	12.1		
33	10 Sea	0	0	0	0	0	0	0	0	0	780	0	0	0	10,377	0	0	0	0	0	0	0	11,157	0.3	
	20 Rail	32	365	0	0	0	0	0	0	0	31,800	0	0	0	0	0	0	0	0	0	0	0	31,800	0.9	
	30 Road	0	0	0	0	0	0	0	0	0	56,439	0	0	0	0	0	0	0	0	0	0	0	63,455	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	32	365	0	0	0	0	0	0	0	89,029	0	0	0	10,723	0	21	0	0	0	0	0	106,422	2.9		
34	10 Sea	0	0	0	0	241,391	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	241,391	6.6	
	20 Rail	0	495	0	0	323	60	0	0	0	2,597	0	0	0	0	0	0	0	0	0	0	0	3,475	0.1	
	30 Road	0	0	0	0	0	0	0	0	0	369	0	0	0	0	0	0	0	0	0	0	0	483	0.0	
	40 Air	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	31	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	495	0	0	241,714	90	0	0	0	2,997	0	0	0	0	0	0	0	0	0	0	0	2,453	6.7		
35	10 Sea	0	0	0	0	330,634	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	330,634	9.1	
	20 Rail	0	0	0	0	2,577	0	0	0	0	3,530	0	0	0	0	0	0	0	0	0	0	0	6,107	0.2	
	30 Road	0	0	0	0	0	31	0	12	0	10,898	0	0	0	0	0	0	0	0	0	0	0	10,941	0.3	
	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	333,210	31	0	12	0	14,429	0	0	0	0	0	0	0	0	0	0	0	0	34,762	9.5	
36	10 Sea	0	0	0	0	329,137	0	0	0	0	103	0	0	0	0	0	0	0	0	0	0	0	32,920	9.0	
	20 Rail	0	0	0	0	1,328	0	0	0	0	54,712	0	0	0	0	0	0	0	0	0	0	0	56,040	1.5	
	30 Road	0	202	0	0	0	0	0	0	0	6,162	0	0	0	0	0	0	0	0	0	0	0	6,394	0.2	
	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	202	0	0	330,465	0	0	0	0	60,976	0	0	0	0	0	0	0	0	0	0	0	39,167	10.7		
37	10 Sea	0	0	0	0	59,193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59,193	1.6	
	20 Rail	0	0	0	0	24,082	0	0	0	0	13,374	0	0	0	0	0	0	0	0	0	0	0	37,466	1.0	
	30 Road	0	90	0	0	0	0	0	0	0	998	0	0	0	0	0	0	0	0	0	0	0	1,088	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	90	0	0	83,275	0	0	0	0	14,372	0	0	0	0	0	0	0	0	0	0	0	9,737	2.7		
38	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	1,635	0	0	0	0	0	0	0	0	0	0	0	1,635	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	1,635	0	0	0	0	0	0	0	0	0	0	0	0	1,635	0.0	



## Turkmenistan

(country)

## Cargo flows data through the border (export, in tonnes) 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
39	10 Sea	0	0	0	0	296 575	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	296 575	8.1
	20 Rail	0	0	0	0	7 027	0	0	0	0	16 798	0	0	0	0	0	0	0	0	0	0	0	23 824	0.7
	30 Road	0	0	0	0	0	0	22	0	0	119	0	0	0	0	0	0	0	0	0	0	0	141	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	303 602	0	22	0	0	16 917	0	0	0	0	0	0	0	0	0	0	0	320 541	8.8	
40	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	202	0	0	0	0	471	0	0	0	0	0	0	0.0	
	40 Air	13	0	0	0	0	0	0	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	
Σ	13	0	0	0	0	0	0	0	0	202	0	0	0	0	471	0	0	0	0	0	0	686	0.0	
41	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	0.0	
42	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	16 438	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16 438	0.5
	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	16 438	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16 438	0.5	
43	10 Sea	0	0	0	0	0	0	0	0	0	928	0	0	0	0	0	0	0	0	0	0	0	928	0.0
	20 Rail	0	0	0	0	0	0	0	0	0	10 406	0	0	0	0	0	0	0	0	0	0	0	10 406	0.3
	30 Road	0	0	0	0	0	0	0	0	0	11 076	0	0	0	0	0	0	0	0	0	0	0	11 076	0.3
	40 Air	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	12	0.0
	45 Other	0	0	0	0	0	0	0	0	0	22 421	0	0	0	0	0	0	0	0	0	0	0	22 421	0.6
Σ	0	0	0	0	18 433	0	0	0	0	33 913	0	0	0	0	0	0	0	0	0	0	0	33 913	0.9	
44	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	1 987	0	0	0	0	0	0	0	0	0	0	0	1 987	0.1
	30 Road	0	0	0	0	0	0	0	0	0	385	0	0	0	0	0	0	0	0	0	0	0	385	0.0
	40 Air	0	303	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	303	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	303	0	0	0	0	0	0	0	2 382	0	0	0	0	0	0	0	0	0	0	0	2 684	0.1	
45	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	5 924	0	0	0	0	0	0	0	0	0	0	0	5 924	0.2
	30 Road	2 656	513	0	0	0	42	0	0	141	0	0	0	0	0	0	0	0	0	0	0	0	3 352	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	0.0	
	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	2 656	513	0	0	36 366	42	0	0	0	6 065	0	0	0	0	0	0	0	0	0	0	0	45 642	1.3	
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	0.0	
Sub-total for non-TRACECA countries	10 Sea	0	0	0	0	280	0	0	0	0	3070	0	0	0	0	11 443	0	0	0	0	0	0	15 527	53.7
	20 Rail	0	2012	3973	17 695	193 378	10 586	0	0	189	21	18 147	0	980	0	11 677	778	129	0	21	58	0	214 718	14.1
	30 Road	2 859	2 629	0	163	2 801 179	2 564 1	2 14	346	6876	98	126 124 969	0	0	0	11 839	468	381	0	0	11	0	15 102 4	4.1
	40 Air	13	0	0	0	138	0	0	11	0	0	56	0	0	0	0	0	0	0	0	0	0	216	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	2 873	4 640	3 973	18 328	22 138 36	3 659 6	4 60	7 233	2 87	147	309 587	0	1 300	0	24 449	1 248	510	0	21	69	0	26 255 33	72.0	
% by commodities	0.1	0.1	0.1	0.5	60.7	1.0	0.0	0.2	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0		
TOTAL all countries	10 Sea	0	75	0	280	211 627 9	10 586	0	0	133	3070	0	1 895	0	11 443	25	0	0	0	0	0	0	214 718	58.9
	20 Rail	700	2 189	8 536	18 439	985 223	11 794 0	326	346	189	900	18 210	9 987	0	12 353	1 161	129	0	21	58	0	0	134 130 9	36.8
	30 Road	2 881	2 750	0	312	2 333	4 69	246	6 876	98	137	125 658	0	1 27	0	12 046	468	381	0	0	11	0	15 266 2	4.2
	40 Air	13	0	0	0	573 4	0	0	11	0	0	56	0	0	0	0	0	0	0	0	0	0	5 814	0.2
	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	3 595	5 014	8 536	19 031	311 086 8	12 899 6	572	7 233	2 87	1 169	311 594	0	12 009	0	35 642	1 654	510	0	21	69	0	364 699 9	100.0	
% by commodities	0.1	0.1	0.2	0.5	85.3	3.5	0.0	0.2	0.0	0.0	8.5	0.0	0.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		

## **Annex D4**

### **Independent Data Sets Available for Matrix Validation**



## ROAD TRANSPORT DATA SETS

Country	Source	Status	Data Type	Data Use
Multi-country	TRACECA (Kocks/TecnEcon) Road Traffic Management	data collection completed 1996	Truck origin/destination surveys outside Almaty, Baku, Tbilisi and Yerevan (Turkmenbashi?); classified volume counts for Armenia, Azerbaijan and Georgia; traffic data for Tajikistan. Border crossing data, usually giving tonnages and a description of major commodities and main origin and destinations.	Validate a select link matrix from the assignment to compare to the O-D surveys.
Armenia	TRACECA (Scott Wilson Kirkpatrick) Trade Facilitation: border crossing data	data collection completed 1996		Validate the total volume of traffic imported or exported to each state. Validate modal split.
Azerbaijan	Kocks/TecnEcon (Taxis)	completed 1995	Counts at 51 locations in 1994	Assignment Validation of link flows.
	Wilbur Smith(Taxis)		National Roads Plan	
	Wilbur Smith(Taxis)	completed	Baku-Astara: 6 * 48 hr counts	Assignment Validation of link flows.
	ArabConsult/ Islamic Banks	completed	Alat - Kazi Mohammed	
Kazakhstan	Louis Berger (ADB) JICA	completed due end 1996	4 counts Gulshad-Karaganda O/D surveys nr. Balkhash & nr Karaganda	Validate a select link matrix from the assignment to compare to the O-D surveys.
Kyrgyzstan	Carl Bro (ADB)	completed 1995	Bishkek - Osh; counts; O/D surveys near Karabalta on this and Bishkek-Tashkent road	Validate a select link matrix from the assignment to compare to the O-D surveys.
Turkmenistan	Kocks/TecnEcon (EBRD)	completed 1995	1994 counts; truck counts; O/D surveys at 5 border crossing points	Validate a select link matrix from the assignment to compare to the O-D surveys.

## RAIL TRANSPORT DATA SETS

Country	Source	Status	Data Type	Data Use
Multi-country	WFP (Food aid programme)	historical/on-going	Mainly Caucasus: humanitarian aid (1995 data) Tonnes	
	TRACECA (Scott Wilson Kirkpatrick) Trade Facilitation: border crossing data	completed 1996	Border crossing data, usually giving tonnages and a description of major commodities and main origin and destinations.	Validate the total volume of traffic imported or exported to each state. Validate modal split.
	TRACECA (TEWET) Trans-Caucasian Railway	on-going	Caucasus only. 1995 rail tonnage flows on E-W route, by main links. 1994/5 Azerbaijan tonnage trade flows	
Kazakhstan	Japanese rail study	beginning 1996	Druzhba	
	BCEOM (EBRD)	completed 1995	Freight tonnage by section (1989/92/93/ 1st half 94)	

## MARITIME TRANSPORT DATA SETS

Country	Source	Status	Data Types	Data Use
Multi-country	WFP Food aid	historical/on-going	Mainly Caucasus	
	TRACECA (Ramboll) Port Network Plan	on-going	Ferry terminals (Baku/Tukmenbashi) 1993/4/5 ferry data (& modal split road/rail)	
	TRACECA (Scott Wilson Kirkpatrick) Trade Facilitation: border crossing data	on-going	Black Sea/Caspian ports Border crossing data, usually giving tonnages and a description of major commodities and main origin and destinations.	Validate the total volume of traffic imported or exported to each state. Validate modal split.
	Tacis: Caspian Shipping Company	completed 1996	1989-1995 Shipping flows on the Caspian	
Azerbaijan	Sofremer	completed 1995	Port of Baku	
Georgia	Rogge Marine (Tacis)	completed 1993	Port of Poti	
Kazakhstan	Sofremer	completed 1995	Port of Aktau	
	EBRD Aktau	completed/on- going	Port of Aktau	
Turkmenistan	EBRD Turkmenbashi	on-going	Port of Turkmenbashi tonnages 1991- 1995	