



TRACECA Programme:  
Regional Traffic Database and  
Forecasting Model  
**Data Collection Report**  
Appendix D2 Data Received for  
Azerbaijan  
May 1997

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**European Union  
Tacis Programme**

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

**Data Collection Report  
Appendices**

May 1997

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## **APPENDICES**

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

The eight appendices include:

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



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

**Socio Economic and Import/Export Data**

*Table I.1*

*Social and economic indices*

## Azerbaijan

(country)

### Socio - Economic Indices

Name of Administrative Territory	Zone Number	Area,* km <sup>2</sup>	Population, 000s		Gross domestic product in comparable prices			Gross national product in comparable prices		
			Total	Within Major Cities	1993 mln Manatov	1994 mln Manatov	1996 mln Manatov	1994	1995	1996
1		2	3	4	5	6	7	8	9	10
Nahichevanskaya A. R.	23	5.5	324.8	104.2	14.2	11.4	21.5			
Baku	23	2.2	1739.9	1079.9						
Gyanja	23	0.1	292.5	291.1						
Sumgait	23	0.08	270.7	247						
Minchegaur	23	0.1	97.2	97.2						
Ali-Bairamly	23	0.09	68	66						
Evlah	23	0.01	49.9	49.9						
Lenkoran	23	0.01	46.7	46.7						
Sheki	23	0.01	66.8	60.8						
Naftalan	23	0.002	8.8	8.8						
<b>Total For Azerbaijan</b>		<b>86.6</b>	<b>7486.9</b>	<b>3967.1</b>	<b>15894</b>	<b>12763</b>	<b>4904.7</b>			

Source: State Statistics Committee of Azerbaijan

*Table I.2*

*Transportation by types of vehicles*



**Azerbaijan**

(country)

**Zone 23****TRANSPORTATION BY MODES**

n/n	Transport mode	Total Freight Transported (Million Tonnes Per Annum)					
		Years					
		1990	1991	1992	1993	1994	1995
1	Railway	80.5	73	39.6	25	13	9.1
2	Road transport, total	380.8	346.7	243.2	170.2	104.9	74.5
	including public transport	153	137	50.4	24.5	19.4	12.5
3	Water transport (river and sea)	17.8	15.6	7.9	6.5	6.6	5.7
4	Air transport	0.03	0.02	0.02	0.02	0.03	0.02
TOTAL:		479.13	435.32	290.72	201.72	124.53	89.32

n/n	Transport mode	Total Freight Transportation (Billion Tonne.Kilometers)					
		Years					
		1990	1991	1992	1993	1994	1995
1	Railway	40.5	32	14.2	9.9	4.4	3.2
2	Road transport, total	8.2	7.5	5.2	3.4	2.5	1.7
	including transport of common use	3.3	3	1.3	0.6	0.6	0.3
3	Water transport (river and sea)	9.9	8.9	4.9	4.3	4.7	4.6
4	Air transport	0.05	0.04	0.03	0.03	0.05	0.06
TOTAL:		58.65	48.44	24.33	17.63	11.65	9.56

Source: State Statistics Committee of Azerbaijan

*Table I.3-1*

*and*

*Table I.4-1*

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

**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	0	7	3,286	0	7,390	0	137	522	0	12	0	14	0	67,246	4.6
12 Turkmenistan	0	181	0	0	139,728	0	0	0	0	0	0	0	2,779	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	12	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	0	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	0	31	19	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	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	342	0	0	0	0	0	0	0	0	1,115	0	0	0	7	0	0	0	0	0	0	32,231	2.2
44 East Asia Industrial	0	0	0	17	0	225	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1,467	0.1
45 East Coast America	983	7,878	1,425	3,504	0	1,071	54	1	0	20	84	1	0	0	510	19	180	1	0	0	0	952	0.1
46 W Coast America & Pacific	0	0	0	0	0	2	0	0	0	0	0	0	0	0	134	41	1	2	0	18	0	15,216	1.0
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	2	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	72.1	0.0

Source: Customs Data

**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	
	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 Kyrgyzstan	0	252	0	197	5,669	99	9	0	37	0	59	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	0	7	24	2	0	0	0	672	2	17	0	16	0	3,024	0.1	
12 Turkmenistan	0	218	0	375	23,555	5,499	1,315	0	0	48	164	33	1,352	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	0	3	300	48	76	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	0	366	0	0	102	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	6	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	0	2,995	2,915	2,246	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	0	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	80	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	4	0	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

Source: Customs Data

*Table I.3-2*

*and*

*Table I.4-2*

*Cargo flow data through the border (import and export) 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	
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	
	20 Rail	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	30 Road	0	0	0	15	0	0	0	0	0	0	0	8	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	7	0	0	15	0	60	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	146	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	
	20 Rail	4	162	0	0	1,781	10	0	0	0	14	0	0	1,373	0	0	0	0	0	0	0	0	0	0	
	30 Road	11	52	5	0	0	1	0	25	0	6	0	37	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	14	214	5	0	1,781	11	0	25	0	21	0	37	0	0	0	0	0	0	0	0	0	0	0	409	0.3
7	10 Sea	0	0	0	0	64	12,524	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20 Rail	0	195	0	196	39,847	696	0	0	7	3,246	0	7,260	471	0	135	471	0	0	0	0	0	0	0	
	30 Road	3	736	0	7	1,598	12	0	0	0	40	0	130	0	0	2	52	0	12	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	3	931	0	203	41,509	13,232	0	0	0	7	3,288	0	7,390	0	137	522	0	12	0	0	0	0	0	6,724	4.6
12	10 Sea	0	0	0	0	10,976	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20 Rail	0	181	0	0	123,393	0	0	0	216	0	0	2,379	0	0	4	0	0	0	0	0	0	0	0	
	30 Road	0	0	0	0	5,359	0	0	0	11	0	0	400	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	181	0	0	139,728	0	0	0	227	0	0	2,779	0	0	4	22	0	0	0	0	0	0	0	14,294	9.8
15	10 Sea	110	3,164	0	0	62,577	16	145	0	0	43	0	240	0	0	341	0	0	0	0	0	0	0		
	20 Rail	464	40,066	0	4	5,031	1,764	18	0	54	7	1,757	0	239	0	9,509	239	0	0	0	0	0	0	0	
	30 Road	133	864	0	14	308	326	144	6	34	40	2	128	0	1,704	173	2	0	0	0	0	0	0	0	
	40 Air	0	0	0	0	0	0	1	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	707	44,145	0	18	67,916	2,107	308	6	34	78	91	2	2,128	0	11,554	412	2	0	0	0	0	0	0	129,505	8.8
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	
	20 Rail	197	572	90	950	12,382	26,220	0	0	199	10	0	116	0	0	16,826	100	12	0	0	0	0	0	0	
	30 Road	211	1,569	0	89	167	2,466	11	0	26	518	30	1,436	0	0	1,017	239	2	1	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	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	0	0	0	0	65,479	4.5
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	
	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	
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	
	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 TRACECA countries	10 Sea	110	3,164	0	0	73,617	12,540	145	0	0	43	0	240	0	0	341	36	0	0	0	0	0	0	0	
	20 Rail	665	41,176	90	1,150	162,433	28,750	18	0	476	3278	0	1,286	0	0	2,652	826	12	0	0	0	0	0	9,023	
	30 Road	364	3,242	5	124	7,432	2,806	156	6	85	125	2	2,131	0	0	2,723	950	4	13	0	0	0	0	2,962	
	40 Air	0	0	0	0	0	0	1	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	1,139	47,612	95	1,275	263,482	44,097	320	6	85	1,029	3,446	2	15,256	0	29,593	1,612	16	13	0	0	0	0	0	40,932	
% by commodities	0.1	3.3	0.0	0.1	18.0	3.0	0.0	0.0	0.0	0.1	0.2	0.0	1.0	-	2.0	0.1	0.0	0.0	-	0.0	-	-	0.0	28.0	



**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		
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
	20 Rail	0	4,586	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 Road	0	899	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40 Air	0	629	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	5,475	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	103	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	40 Air	10	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	113	5	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
	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	
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	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	
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
	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	
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	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	
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	3,510	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	30 Road	978	4,368	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	40 Air	5	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	983	7,878	1,425	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
	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	
Sub-total for non-TRACEA countries		2,938	41,163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% by commodities		3.2	33.7	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	0.1	0.8	0.0	0.0	
TOTAL all countries		3048	44327	0	728	73617	12776	145	0	1857	88	43	0	248	0	4782	65	72	1	0	0	0	0	
% by countries		8638	324927	1380	35048	239806	43576	1534	1	10868	6368	3870	40	30468	0	48063	7247	1500	2	0	0	0	0	
% by commodities		34699	171186	49484	155812	35073	23401	6378	117	2721	4600	8040	5065	19857	0	9718	7073	3776	1261	0	0	0	0	
% by countries		2074	22	218	5431	2	745	240	20	5	103	229	56	37	0	83	340	284	50	0	0	0	0	
% by commodities		48589	540483	51062	187024	348498	80499	8298	138	15452	11162	12183	5161	50821	0	62957	14738	6705	1315	0	0	0	0	
% by countries		3.3	36.9	3.5	13.5	23.8	5.5	0.6	0.0	1.1	0.8	0.8	0.4	3.5	0.0	4.3	1.0	0.5	0.1	0.6	0.0	0.0	100.0	

Source: Customs Data



**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	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	0	19235	0.7	
	30 Road	0	0	0	20	0	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	0.0	
	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	
Σ	0	0	0	20	3,931	15,829	0	0	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	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	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	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	0.0	
	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	
Σ	0	252	0	197	5,669	99	0	0	37	0	0	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	0.0	
	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	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	0	0	0	0	1293	0.0
	40 Air	0	2	0	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	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	0	0	0	0	0	3024	0.8
12	10 Sea	0	0	0	0	20,000	0	0	0	0	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	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	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	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	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	0	0	0	34667	1.3
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	0	0	17537	0.7
	20 Rail	0	118	0	294	21,905	721	166	0	0	0	261	48	60	0	0	0	0	0	0	0	0	0	0	0	24923	0.9
	30 Road	15	519	22	959	117	372	240	0	0	3	33	0	16	0	0	0	0	0	0	0	0	0	0	0	2962	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	4	0.0
	45 Other	0	28	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	16462	0.6
	20 Rail	120	102	0	385	344,728	21,435	461	0	0	215	2	176	0	0	0	0	0	0	0	0	0	0	0	0	367674	13.9
	30 Road	1,093	0	0	772	14,065	2,381	85	0	0	51	18	190	0	0	0	0	0	0	0	0	0	0	0	0	18708	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	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	0.0
Σ	1,213	102	0	1,305	375,255	23,816	546	0	0	267	20	366	0	0	0	0	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	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	0.0
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	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	0.0
Sub-total for TRACECA countries	10 Sea	0	45	0	168	53670	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54939	2.1
	20 Rail	120	617	0	1003	378934	43439	3074	0	0	245	296	81	1566	0	0	0	0	0	0	0	0	0	0	0	432793	16.4
	30 Road	1108	852	22	2176	14247	3128	670	0	0	37	79	252	228	0	0	0	0	0	0	0	0	0	0	0	24465	0.9
	40 Air	0	0	0	148	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159	0.0
	45 Other	0	28	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Σ	1228	1543	22	3495	448850	46599	3753	0	0	37	324	568	83	1794	0	0	0	0	0	0	0	0	0	0	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	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	





*Table I.5*

*Origin destination matrices by commodity*













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

Table with columns for Origin and Destination zones (1-65) and values for each cell, representing traffic matrices for Commodity 6: Chemicals.

TRACECA Regional Traffic Model

Table 1.5.7

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

Origin	Destination	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50			
1	Algeria																																																					
2	Benin																																																					
3	Cameroon																																																					
4	Cote d'Ivoire																																																					
5	Guinea																																																					
6	Liberia																																																					
7	Mali																																																					
8	Morocco																																																					
9	Niger																																																					
10	Nigeria																																																					
11	Rwanda																																																					
12	Tanzania																																																					
13	Togo																																																					
14	Zambia																																																					
15	Zimbabwe																																																					
16	Western Europe																																																					
17	Central Europe																																																					
18	Eastern Europe																																																					
19	North America																																																					
20	South America																																																					
21	Western Africa																																																					
22	Eastern Africa																																																					
23	Asia																																																					
24	Oceania																																																					
25	Rest of World																																																					
26	Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		





TRACCECA - BASE YEAR MODEL MATRICES: Commodity 10, Paper, All Modes (Tonnels in 1995)

Origin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total
Commodity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Mode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0





























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

**Road Network Characteristics and Traffic**

*Table II.1*

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

## Azerbaijan (country)

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

No	Road Sections			Total Length (km)		Width (m)		Type of Pavement (km/section)			Condition of Road (km/section)			
	Start of Section	End of Section	Anode	Bnode	Total	Length in Mountainous Conditions	Carriageway and Hard - Shoulder	Carriageway	Hot Asphalt - Concrete	Cold Asphalt - Concrete	Unsealed	Good	Fair	Poor
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	border of GR	Kazah	30332	20020	38		15	7.5	38			24	14	
2	Kazah	Gyanja	20020	20050	113		15	7.5	113			38	62	13
3	Gyanja	Evlah	20050	20060	70		15	7.5	70			26	38	6
4	Evlah	Kyurdamir	20060	20391	98		15	7.5	98			35	45	18
5	Kyurdamir	Kazi-Magomed	20391	20390	75		15	7.5	75			30	26	19
6	Kazi-Magomed	Alyat	20390	20310	44		15	7.5	44			19	14	11
7	Alyat	Baku	20310	20120	70		36	15	70			30	30	10
8	Baku	Sungait	20120	20250	31		24	15	31			20	11	
9	Sungait	Siazan	20250	20260	72		24	15	72			32	40	
10	Siazan	Divichi	20260	20270	19		15	7.5	19				12	7
11	Divichi	Kuba	20270	20290	46		15	7.5	46			21	19	6
12	Kuba	Samur	20290	20300	40		15	7.5	40			18	14	8
13	Alyat	Salyany	20310	20320	56		15	7.5	56			26	22	8
14	Salyany	Bilyasuvur	20320	20330	56		15	7.5	56			28	17	11
15	Bilyasuvur	Jaililabad	20330	20340	28		15	7.5	28			14	10	4
16	Jaililabad	Massaly	20340	20350	22		15	7.5	22			12	10	
17	Massaly	Lenkoran	20350	20360	40		15	7.5	40			14	20	6
18	Lenkoran	Astara	20360	20370	41		15	7.5	41			20	18	3
19	Kazi-Magomed	Ali-Bairamly	20390	20400	13		15	7.5	13			3	7	
20	Ali-Bairamly	Saatly	20400	20420	60		15	7.5	60			20	30	10
21	Saatly	Birmai	20420	20440	45		15	7.5	45			16	22	7
22	Birmai	Goradiz	20440	20441	69		12	7	69			19	50	8
23	Goradiz	Akara	20441	20461	50		12	7	50			13	29	4
24	Akara	Minjivan	20461	20470	25		12	7	25			7	14	
25	Minjivan	Border of Armenia	20470	20471	34		12	7	34			34	34	
26	Border of Armenia	Megri	20471	10170	32	8	12	7	32		8	32	32	
27	Megri	Border of Armenia	10170	20631	8		6	4	8			18	10	8
28	Border of Armenia	Ordubad	20631	20630	18		12	7	18			36	36	
29	Ordubad	Julfa	20630	20620	36		15	7.5	36			40	40	
30	Julfa	Nahichevan	20620	20610	40		15	7.5	40					

## Azerbaijan (country)

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

No	Road Sections			Total Length (km)		Width (m)		Type of Pavement (km/section)			Condition of Road (km/section)			
	Start of Section	End of Section	Anode	Bnode	Total	Length in Mountainous Conditions	Carrigeaway and Hard - Shoulder	Carrigeaway	Hot Asphalt - Concrete	Cold Asphalt - Concrete	Unsealed	Good	Fair	Poor
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
31	Nahichevan	Erash (Armenia)	20610	10120	87		15	7.5	87			36	39	12
32	Evlah	Barda	20060	20500	27		15	7.5	27			20	7	
33	Barda	Agdam	20500	20520	48		15	7.5	48			48	6	
34	Agdam	Hankendi	20520	20530	23		15	7.5	23			17	6	
35	Hankendi	Lanchin	20530	20540	53	10	12	7	53			36	17	
36	Lanchin	Border of Armenia	20540	10201	23	6	12	7	20	3		20	23	4
37	pass. Bichanevski	Shahbuz	10220	20600	34	10	12	7	26	8		20	10	
38	Shahbuz	Nahichevan	20600	20610	31		12	7	31			18	13	
39	Akara	Haniyk	20461	20462	23		12	7	23			20	3	
40	Haniyk	Lanchin	20462	20540	60	12	12	7	40	20		25	25	10
41	Birmai	Bilyasuvur	20440	20330	62		12	7	62			30	32	
42	Evlah	Agjabedi	20060	20451	90		12	7	90			72	18	
43	Agjabedi	Birmai	20451	20440	39		12	7	39			30	9	
44	Border of Armenia	Kazah	20450	20460	80		12	7						

Source : Road Company 'Azavtoyel'

**Azerbaijan**

(country)

Coordinates, deg		Town	Node	Coordinates, grad	
Y	X			Y	X
41.21	45.05	border of GR	30332	41.35	45.08
41.06	45.22	Kazah	20020	41.10	45.37
40.40	46.22	Gyanja	20050	40.67	46.37
40.36	47.09	Evlah	20060	40.60	47.15
40.23	48.10	Kyurdamir	20391	40.38	48.17
40.03	48.56	Kazi-Magomed	20390	40.05	48.93
39.57	49.25	Alyat	20310	39.95	49.42
40.23	49.51	Baku	20120	40.38	49.85
40.23	49.51	Sumgait	20250	40.38	49.85
41.05	49.06	Siazan	20260	41.08	49.10
41.12	48.59	Divichi	20270	41.20	48.98
41.22	48.31	Kuba	20290	41.37	48.52
39.57	49.25	Alyat	20310	39.95	49.42
39.34	48.58	Salyany	20320	39.57	48.97
39.24	48.24	Bilyasuvar	20330	39.40	48.40
39.14	48.31	Jalilabad	20340	39.23	48.52
39.03	48.40	Massaly	20350	39.05	48.67
38.45	48.50	Lenkoran	20360	38.75	48.83
40.03	48.56	Kazi-Magomed	20390	40.05	48.93
39.56	48.56	Ali-Bairamly	20400	39.93	48.93
39.56	48.23	Saatly	20420	39.93	48.38
39.46	47.56	Birmai	20440	39.77	47.93
39.28	47.17	Goradiz	20441	39.47	47.28
39.10	46.45	Akara	20461	39.17	46.75
39.03	46.42	Minjivan	20470	39.05	46.70
38.55	46.35	Border of Armenia	20471	38.92	46.58
38.56	46.16	Megri	10170	38.93	46.27
38.55	46.10	Border of Armenia	20631	38.92	46.17
38.56	46.02	Ordubad	20630	38.93	46.03
38.58	45.38	Julfa	20620	38.97	45.63
39.13	45.24	Nahichevan	20610	39.22	45.40
40.36	47.09	Evlah	20060	40.60	47.15
40.25	47.08	Barda	20500	40.42	47.13
39.59	46.55	Agdam	20520	39.82	46.73
39.49	46.44	Hankendi	20530	39.62	46.55
39.37	46.33	Lanchin	20540	39.62	46.55
39.12	46.17	pass. Bichanevski	10220	39.20	46.28
39.25	45.34	Shahbuz	20600	39.42	45.57
39.10	46.45	Akara	20461	39.17	46.75
39.20	46.45	Hanlyk	20462	39.33	46.75
39.46	47.56	Birmai	20440	39.77	47.93
40.36	47.09	Evlah	20060	40.60	47.15
40.04	47.27	Agjabedi	20451	40.07	47.45
41.38	48.26	Border of Armenia	20300	41.63	48.43
38.28	48.52	without name	20370	38.47	48.87
39.35	46.32	Shukurbeili	10201	39.58	46.53
41.02	45.15	without name	10091	41.03	45.25
40.36	47.09	Evlah	20060	40.60	47.15
40.38	47.08	without name	20500	40.63	47.13
39.59	46.57	Agdam	20520	39.98	46.95
39.49	46.44	Hankendi	20530	39.82	46.73
39.12	46.17	pass. Bichanevski	10220	39.20	46.28
39.25	45.34	Shahbuz	20600	39.42	45.57
39.13	45.24	Nahichevan	20610	39.22	45.40
38.58	45.38	Djulfa	20620	38.97	45.63
39.13	45.24	Nahichevan	20610	39.22	45.40
39.46	47.56	Birmai	20440	39.77	47.93
41.23	46.43	without name	20210	41.38	46.72
39.48	47.55	without name	20450	39.80	47.92
39.37	46.33	Lachin	20540	39.62	46.55
41.26	46.56	Kahi	20200	41.43	46.93
38.56	46.02	Ordubad	20630	38.93	46.03

Source : Road Company 'Azavtoyel'

*Table II.2*

*Road network - traffic intensity*



**Azerbaijan**  
(country)

**Road Network - Volume of Traffic**

No	Road Sections			Volume of Traffic (vehicles/day)						
	2	3	4	5	1990		1993		1996	
					All Vehicles	Trucks %	All Vehicles	Trucks %	All Vehicles	Trucks %
1	border of GR				6	7	6	7	6	7
2	Kazah	Kazah	30332	20020	3620	2498	4769	3243	6427	3856
3	Gyanja	Gyanja	20020	20050	8350	5094	9112	5467	12386	7555
4	Evlah	Evlah	20060	20060	7100	4473	8638	5356	10264	6364
5	Kyurdamir	Kyurdamir	20820	20820	6208	3849	6962	4386	8890	5423
6	Kazi-Magomed	Kazi-Magomed	20820	20390	5266	3370	6457	4003	8233	5022
7	Alyat	Alyat	20310	20310	5266	3370	6457	4003	8233	5022
8	Baku	Baku	20310	20120	12262	7602	15547	9795	16968	10181
9	Sumgait	Sumgait	20120	20250	8340	5254	12486	7866	15300	9792
10	Siazan	Siazan	20250	20260	7112	4552	11232	6852	14667	9240
11	Divichi	Divichi	20260	20270	7315	4682	11480	7003	14783	9165
12	Kuba	Kuba	20270	20290	6320	3982	8645	5360	10446	6372
13	Alyat	Samur	20290	20300	3677	2574	5438	3752	7334	5207
14	Salyany	Salyany	20310	20320	8910	5524	13074	7975	15257	8544
15	Bilyasuvur	Bilyasuvur	20320	20330	9260	5834	12701	8129	13816	8566
16	Jaililabad	Jaililabad	20330	20340	9990	6294	12629	8335	13181	8568
17	Massaly	Massaly	20340	20350						
18	Lenkoran	Lenkoran	20350	20360						
19	Kazi-Magomed	Astara	20360	20370						
20	Ali-Bairamly	Ali-Bairamly	20390	20400	3507	2104	5412	3301	6380	3764
21	Saatly	Saatly	20400	20420	3624	2283	5727	3493	5906	3485
22	Birmai	Birmai	20420	20440	2980	1848	5633	3492	5877	3526
23	Goradz	Goradz	20440	20441						
24	Akara	Akara	20441	20461						
25	Minjivan	Minjivan	20461	20470						
26	Border of Armenia	Border of Armenia	20470	20471						
27	Megri	Megri	20471	10170						
28	Border of Armenia	Border of Armenia	10170	20631						
29	Ordubad	Ordubad	20631	20630						
30	Julfa	Julfa	20630	20620						
		Nahtchevan	20620	20610						

## Azerbaijan (country)

### Road Network - Volume of Traffic

No	Road Sections			Volume of Traffic (vehicles/day)											
	2	3	Anode	Bnode	1990			1993			1996				
					All Vehicles	Trucks Number	Trucks %	All Vehicles	Trucks Number	Trucks %	All Vehicles	Trucks Number	Trucks %		
31	Nahichevan	Erash (Armenia)	4	5	6	7	6	7	6	7	6	7			
32	Evlah	Barda	20610	10120	8362	4934	59	9166	5683	62	10220	6439	63		
33	Barda	Agdam	20060	20500	8100	4860	60	8632	5179	60					
34	Agdam	Hankendi	20500	20530	7132	4351	61								
35	Hankendi	Lanchin	20530	20540	6000	3600	60								
36	Lanchin	Border of Armenia	20540	10201	1188	701	59								
37	pass. Bichanevski	Shahbuz	10220	20600	533	277	52								
38	Shahbuz	Nahichevan	20600	20610	920	552	60								
39	Akara	Hanlyk	20461	20462	820	492	60								
40	Hanlyk	Lanchin	20462	20540	741	437	59								
41	Birmai	Bilyasuvar	20440	20330	5261	3157	60	6886	4063	59	7324	4394	60		
42	Evlah	Agjabedi	20060	20451	5630	3434	61	6211	3851	62	6938	4302	62		
43	Agjabedi	Birmai	20451	20440	6826	4300	63	7420	4749	64	8200	5166	63		

Source : Road Company 'Azavtoyel'

Note : Trucks defined as laden weight greater than 3 tonnes.



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

**Rail Network Characteristics and Traffic**

*Table III.1*

*Railway network technical-operating characteristics*

## Azerbaijan

(country)

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

n/h	Railway Sections				Length of Section, km			Track Signalling System				Traction Type (E/D) and Type of Locomotives in use	Length of Entrance Ways (m)	Leading gradient, %		Train weight norm (ton)					
	Start of Section	End of Section	Anode	Bnode	Total	Length Double Track	Length(S)ngle Track	Dispatch Board	Automatic	Semi Automatic	Other			To	Back	To	Back	To	Back	To	Back
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
1	Baku	Monino	25120	25123	8	8	8					E	880	14		3200					
2	Monino	Balajary	25123	25122	9	9	9					E	880	14		3200					
3	Balajary	Karadag	25122	25125	31	31	31					E	880	14		3200					
4	Karadag	Alyat	25125	25310	38	38	38					E	880	14		3200					
5	Alyat	Kazi-Magomed	25310	25390	43	43	43					E	880	14		3200					
6	Kazi-Magomed	Udjary	25390	25820	122	122	122					E	950	5.6		3200					
7	Udjary	Evlah	25820	25060	45	45	45					E	900	12.2		3200					
8	Evlah	Mingechar	25060	25051	12	12	12					E	900	12.2		3200					
9	Mingechar	Alabashly	25051	25053	68	68	68					E	900	12.2		3200					
10	Alabashly	Akstafa	25053	25030	82	82	82					E	900	12.2		3200					
11	Akstafa	Beyuk-Kyasik	25030	25810	43	43	43					E	900	12.2		3200					
12	Alyat	Ali-Bairamli	25310	25400	48	48	48					E	910	6.4		3500					
13	Ali-Bairamli	Osmanly Novye	25400	25840	12	12	12					E	910	6.4		3500					
14	Osmanly Novye	Imishli	25840	25850	65	65	65					D	890	6.8		3500					
15	Imishli	Minjevan	25850	25470	159	159	159					D	890	6.8		3500					
16	Minjevan	Megri	25470	15170	55	55	55					D	900	5.9		3500					
17	Megri	Juffa	15170	25620	71	71	71					D	900	5.9		3500					
18	Juffa	Nahichevan	25620	25610	45	45	45					D	900	5.9		3500					
19	Nahichevan	Sharur	25610	25860	84	84	84					D	900	5.9		3500					
20	Sharur	Divichi	25860	25270	92	92	92					D	1050	6.2		3500					
21	Divichi	Yalama	25270	25830	75	75	75				1	E	1050	7.6		3500					
22	Yalama	Salvany	25830	25320	47	47	47					E	880	4.7		3000					
23	Salvany	Astara	25320	25370	136	136	136					E	880	4.7		3000					
24	Astara	Gyuzdek	25370	25126	15	15	15					E	880	4.7		3000					
25	Gyuzdek	Sumgait	25126	25121	10	10	10					E	880	4.7		3000					
26	Sumgait	bridge Kuschins	25121	25054	35	35	35					E	880	4.7		3000					
27	bridge Kuschins	Evlah	25054	25060	105	105	105					E	880	4.7		3000					
28	Evlah	Mingechar- City	25060	25052	18	18	18					E	880	4.7		3000					
29	Mingechar	Neftechala	25052	25321	35	35	35					E	880	4.7		3000					
30	Neftechala	Govsan	25321	25125	37	37	37					E	880	4.7		3000					

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

Source: Administration of Railways in Azerbaijan

## Azerbaijan

(country)

Coordinates, deg		Settlement	Node No.	Coordinates, grad	
Y	X			Y	X
40.23	49.51	Baku	25120	40.38	49.85
41.08	45.28	Akstafa	25030	41.13	45.47
40.5	46.07	Alabashly	25053	40.83	46.12
39.55	48.45	Ali-Bairamli	25400	39.92	48.75
39.57	49.25	Alyat	25310	39.95	49.42
38.28	48.52	Astara	25370	38.47	48.87
40.28	49.45	Baladjary	25122	40.47	49.75
40.28	49.45	Balajary	25122	40.47	49.75
41.23	45.11	Beyuk-Kyasik	25810	41.38	45.18
40.4	46	bridge Kuschinski	25054	40.67	46.00
41.12	48.59	Divichi	25270	41.20	48.98
40.36	47.09	Evlah	25060	40.60	47.15
40.22	50	Govsan	25124	40.37	50.00
40.3	49.35	Gyuzdek	25126	40.50	49.58
39.49	46.44	Hankendi	25530	39.82	46.73
39.52	48.04	Imishli	25850	39.87	48.07
38.58	45.38	Julfa	25620	38.97	45.63
40.2	49.37	Karadag	25125	40.33	49.62
40.03	48.56	Kazi-Magomed	25390	40.05	48.93
39.05	46.22	Megri	15170	39.08	46.37
40.37	47.02	Mingechaur	25051	40.62	47.03
40.47	47.03	Mingechaur-city	25052	40.78	47.05
39.03	46.42	Minjeyan	25470	39.05	46.70
40.25	49.5	Monino	25123	40.42	49.83
39.13	45.24	Nahichevan	25610	39.22	45.40
39.2	49.12	Neftechala	25321	39.33	49.20
39.55	48.45	Osmanly Noye	25840	39.92	48.75
39.34	48.58	Salyany	25320	39.57	48.97
39.33	44.58	Sharur	25860	39.55	44.97
40.23	49.51	Sumgait	25121	40.38	49.85
40.31	47.39	Udjay	25820	40.52	47.65
41.44	48.34	Yalama	28830	41.73	48.57

*Tables III.2*

*Cargoes correspondence (in types) within railway network*





From \ To		1993																							Sub-total	TOTAL					
		Domestic carriage (within the railway), thousand tonnes											External carriage (via junction points), thousand tonnes																		
Azerbaijan		Sections of railway (Model Zone No)																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26				
D o m e s t i c	Azerbaijan	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	Sub-total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	Djulf'a		0.01																												
	Yalama																														
	Astara																														
	Beuk-Kyasik																														
	Baku-port																														
	Sub-total		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
	Sub-total		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
	TOTAL		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05			

**AZERBAIJAN**  
(country)

**Railway:**  
**Matrix of domestic carriage, import, export and transit for: coke**  
**Category of commodity: 5**



		AZERBAIJAN (country)		1993		Railway: Matrix of domestic carriage, import, export and transit for: ore Category of commodity: 5																						
						Domestic carriage (within the railway), thousand tonnes Sections of railway (Model Zone No)													External carriage (via junction points), thousand tonnes Junction points (Node)									
From	To	Azerbaijan																										
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
D o m e s t i c	Azerbaijan	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E x t e r n a l	Djulfra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.17	
	Yalama	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Astara	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Beuk-Kyasik	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Baku-port	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47
	Sub-total	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.16	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.64	
	TOTAL	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.16	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.64	















*Table III.3*

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

**Azerbaijan**  
(country)

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

n/h	Railway Sections					Direction of Movement	Flows by Commodity Type (millions tonnes)											Total
	Start of Section	Anode	End of section	Bnode			7	8	9	10	11	12	13	14	15	16		
1	1 Beyuk-Kyasik	25810	Alabashly	25053	▲	0.021	0.035	0.05	0.43	0.127	0.001	0.78	0.075	0.351	0.419	2.289		
2	2 Alabashly	25053	Baku	25120	▼	0.133	0.005	0.818	0.2	0.17	0.061	0.262	0.007	0.165	0.665	2.486		
3	3 Baku	25120	Yalama (Samur)	25630	▲	0.025	0.035	0.076	0.4	0.131	0.002	2.744	0.061	0.285	0.821	4.58		
4	4 Alaylat	25310	Erasch(AR)	15120	▼	0.138	0.005	3.608	0.035	0.28	0.151	0.88	0.07	0.255	0.911	6.333		
5	5 Baku	25120	Baladjary	25122	▲	0.021	0.036	1.563	0.285	0.191	0.003	0.893	0.055	0.051	1.331	4.449		
6	6 Baku	25120	Montino	25126	▼	0.148	0.008	0.557	0.034	0.914	0.33	1.08	0.107	0.47	1.582	5.23		
7	7 Evlah	25060	Hankendi	25530	▲	0.005	0	1.778	0.005	0.343	0.102	0.752	0.055	0.107	0.253	3.4		
8	8 Minchegaur-city	25052	Minchegaur	25051	▼	0.001	0.001	0.011	0.011	0.012	0.004	1.465	0.001	0.108	0.368	1.982		
9	9 Ali-Bairamly	25400	Kazi-Magamed	25390	▲	0.001	0.001	6.489	0.004	0.155	0.012	0.169	0.001	0.057	0.487	7.376		
10	10 Astara	25370	Osmanly Novye	25840	▼	0.004	0.002	0.044	0.011	0.554	0.075	2.59	0.022	0.447	0.603	4.352		
11	11 Neftechala	25321	Salyany	25320	▲	0	0	0.001	0	0.003	0	0.007	0	0	0.011	0.022		
13	13 bridge Kuschinski	25054	Alabashly	25053	▼	0	0	0.175	0	0.008	0.002	0.204	0	0.004	0.027	0.42		
14	14 Montino	25126	Govsanly	25125	▲	0	0	0.143	0	0.004	0.007	0.28	0.011	0.022	0.103	0.57		
15	15 Idjevan (AR)	15090	Akstafa	25030	▼	0	0	0.07	0.001	0.003	0.005	0.102	0.012	0.029	0.064	0.286		
17	17 Sumgait	25121	Montino	25126	▲	0.001	0.002	0.002	0.002	0.001	0.001	1.487	0	0	0.034	1.525		
					▼	0	0	2.01	0.002	0.012	0.005	0.124	0	0.007	0.038	2.198		
					▲	0	0	0.002	0.003	0.002	0.001	0.03	0	0.004	0.056	0.098		
					▼	0.001	0	0.074	0.007	0.009	0.001	0.142	0.026	0.04	0.02	0.32		
					▲	0	0	0.002	0.002	0.004	0	0.013	0	0.047	0.147	0.215		
					▼	0	0	0.244	0.004	0.319	0.067	0.68	0.029	0.079	0.165	1.587		
					▲	0	0	0	0.002	0	0	0	0	0	0.002	0.004		
					▼	0	0	0.009	0	0	0.001	0.064	0.001	0.002	0.003	0.08		
					▲	0	0	0.002	0.39	0.001	0	0.18	0	0	0.02	0.593		
					▼	0	0	0.009	0	0.001	0.001	0.002	0.008	0.002	0.001	0.024		
					▲	0	0	0	0	0.002	0	0.002	0	0	0.004	0.008		
					▼	0	0	0.001	0	0	0	0.542	0.001	0	0.004	0.548		
					▲	0	0	0.088	0	0	0	0.542	0.001	0	0.013	0.644		
					▼	0	0	0.028	0.009	0.001	0.002	0.013	0	0.007	0.005	0.065		
					▲	0	0	0	0	0.001	0.002	0.03	0	0	0.021	0.071		
					▼	0	0	0.175	0	0.012	0.002	0.203	0	0.004	0.026	0.422		

Source: Administration of Railways in Azerbaijan

*Table III.4*

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

## Azerbaijan (country)

### Railway Network - Annual shipment of containers from railway network terminals for 1993

n/h	Location of Terminal	Node No.	LOADED						UNLOADED											
			TOTAL			including			TOTAL			including								
			physical unit, unit	average weight, kg	Large tonnage incl. all ISO 20 & 40 ft containers	physical unit, unit	average weight, kg	Medium tonnage incl. FSU containers 3 to 15 Tonnes	physical unit, unit	average weight, kg	Specials incl Haz. loads etc.	physical unit, unit	average weight, kg	Large tonnage incl. all ISO 20 & 40 ft containers	physical unit, unit	average weight, kg	Medium tonnage incl. FSU containers 3 to 15 Tonnes	physical unit, unit	average weight, kg	Specials incl Haz. loads etc.
1	2		3	4	0	5	6	7	8	9	10	11	12	13	14	15	16	17	18	0
1	Baku		2451	6400	0	5	0	7	6400	0	2451	3755	2200	0	0	3755	2200	0	0	0

Source: Administration of Railways in Azerbaijan

**Azerbaijan**  
(country)

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

n/n	Location of Terminal	Node No.	LOADED						UNLOADED																				
			TOTAL			including			TOTAL			including																	
			physical unit, unit	average weight, kg		Large tonnage incl. all ISO 20 & 40 ft containers	physical unit, unit	average weight, kg		Medium tonnage incl. FSU containers 3 to 15 Tonnes	physical unit, unit	average weight, kg		Large tonnage incl. all ISO 20 & 40 ft containers	physical unit, unit	average weight, kg		Medium tonnage incl. FSU containers 3 to 15 Tonnes	physical unit, unit	average weight, kg		Specials incl Haz. loads etc.	physical unit, unit	average weight, kg		Specials incl Haz. loads etc.			
1	Baku	25120	3	4	6600	5	6	0	7	8	6600	9	10	0	11	12	2200	13	14	0	15	16	2200	17	18	0	19	20	0

Source: Administration of Railways in Azerbaijan

*Table III.5*

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



**Azerbaijan**

(country)

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

n/n	Sections of Main Line	Time of Passage Along Route (Hours)				Reserve Capacity of Route (Trains/Day)
		Cargo		Passenger		
		To	Return	To	Return	
1	2	3	4	5	6	7
1	Baku - Ali-Bairamly	3.1	3.1	3.1	3.1	52
2	Ali-Bairamly - Akstafa	12	12	12	12	18
3	Baku - Shirvan	2	2	2	2	65
4	Shirvan - Yalama	3.3	3.3	3	3	72
5	Baku - Kazi-Magomed	2.4	2.4	3	3	52
6	Kazi-Magomed - Evlah	4.2	4.2	3.3	3.3	46
7	Evlah - Gyanja	1.5	1.5	1.2	1.2	48
8	Gyanja - Beyuk-Kyasik	2.4	2.4	3.1	3.1	50
9	Baku - Ali-Bairamly	3.1	3.1	3.1	3.1	52
10	Ali-Bairamly - Imishly	2.1	2.1	1.25	1.25	51
11	Imishly - Minjevan	5	5	3.3	3.3	52
12	Minjevan - Julfa	3.05	3.05	3.05	3.05	40
13	Julfa - Sharur	2.2	2.2	2.2	2.2	25

Source: Administration of Railways in Azerbaijan



**Tables IV.1 to IV.5**

**Sea Port Characteristics and Traffic**

*Table IV.1*

*Sea port's technical-operating characteristics*

**Azerbaijan**

(country)

**Operational Characteristics of Sea Port Baku**

Node : 20125

No	Specifications	Depth, m	Square, m <sup>2</sup>	Length, m	Amount	Capacity, 1000 tonnes	
						per day and night	per year
1	Tidal range__cm						
2	Port capacity for the receiving of the ships with maximum possible displacement 12334 tonnes						
3	Access canal	8.5					
4	Port water area	9	3270000		2		
5	General cargo pier	7		2848	22		
	including						
	- berth N1 Apsheron	7		2348	18		
	- berth N2 Apsheron						
	- water-bulk berth	7		500	4		
6	Berth for bulk liquids	9.6		571.2	5		
	including						
	-	9.6		250	2		
	-	9.6		250	2		
	-	9.6		71.2	1		
7	Multipurpose terminals						
	including	5,5-7,0		1309.6	10		
	-						
	-	7		960	7		
	-	5.5		349.6	3		
8	Specialised piers						
	including	7		483	3		
	- for ferries;						
	- for grain;	7		288	2		
	-						
	-	7		195	1		
9	Storages:		55513		19		
	including						
	- store rooms;		8120		5		
	- constructions for open goods storage;		43393		14		
	-						
10	Nominal carrying capacity of goods treatment by port						
	including					83.8	30500
	- general cargo;					13.7	5000
	- bulk cargo;					1.4	500
	- bulk liquids;					68.7	25000

Source : Administration of Baku Sea Port

*Table IV.2*

*Ports dues for provision of the sea port services*

**Azerbaijan**

(country)

**Port Duties for Services Baku**

Node : 20125

No	Specifications	Cost, USD/ton	Cost, USD
1	Port duties (common average duties per ship) including		1900
1.1	vessel duties		
	- port entry;		0.15
	- mooring due;		0.05
	- anchor stop due;		0.0001
	- pier due;		0.022
	- tag due per hour;		50
1.2	freight duties		
	- containers & general cargo;	12.5	
	- dry bulk cargo;	2.5	
	- liquid cargo;	0.25	
1.3	dues for different port services		
	- utilisation of refrigerator ship (per hour);		

Source : Administration of Baku Sea Port

*Table IV.3*

*Sea port loading-unloading works for 1995*



**Azerbaijan**  
(country)  
**Seaport Loading-Unloading Handling in 1995 Baku**

Node : 20125

No	Cargo Type	Export	Import	Total
1	Cargo total, 000 tons including	351.5	624.6	976.1
1.1	Bulk cargo, total including		87	87
	- sugar;			
	- different ores, fluxes;			
	- coal, coke, including mixture & anthracene;			
	- cement;			
	- construction cargo;			
	- chemical cargo;		87	87
	- others			
1.2	Grain cargo in bulk, total		5.1	5.1
1.3	Timber cargo, total		1.59	1.59
1.4	General cargo, total including			
	- on ferries (gross); including van container weight (mass)	344	465.71	809.71
	- on lighters (gross) including lighters without cargo (weight)	78.2	111.3	189.5
	- on rollers			
	- in large-tonnage containers (gross)	1	1	2
1.5	Other piece cargo, including	7.5	5.2	12.7
	- perishable;			
	- different metals not in business;	4.9	4.1	9
	- machinery, equipment & hardware;	2.6	1	3.6
	- chemical cargo			
1.6	Petroleum products transfer		60	60
1.7	Performed tons-operations, total (000)			
1.8	From line 1:			
	- cargo not connected with sea freight turnover			
	- treated cargo in parcels	1.2	2.5	3.7
2	Amount of large-tonnage containers (20 & 40 Foot), unit	152	50	202

Source : Administration of Baku Sea Port

*Table IV.4*

*List of vessels unloaded in III quarter of 1995*

**Azerbaijan**

(country)

**List of Vessels Handled in Third Quarter 1995 Baku**

Node : 20125

No	Name of vessel	Vessel type	Import cargo		Port of departure	Node	Waiting time during unloading, hour
			Type of cargo	Weight tons			
1	2	3	4	5	7		8
1	Gusein Javid	dry freight (?)	packing flour	1523	Aktau	40015	193
2	Saatly		equipment	523	Krasnovodsk	1402	31
3	Hagani Rustamov		salt	3000	Kiyanly	1404	13.5
4	Hagani Rustamov		salt	3000	Kiyanly	1404	20
5	Rasul Rza		salt	3000	Kiyanly	1404	12.5
6	Rasul Rza		salt	3000	Kiyanly	1404	16.5
7	Nasimi		salt	3000	Kiyanly	1404	6
8	Rasul Rza		salt	3000	Kiyanly	1404	16.5
9	Rasul rza		salt	3000	Kiyanly	1404	8,5
10	Hagani Rustamov		salt	3000	Kiyanly	1404	9
11	Hagani Rustamov		salt	3000	Kiyanly	1404	17
12	Gusein Javid		salt	3000	Krasnovodsk	1402	10
13	Hagani Rustamov		salt	3000	Krasnovodsk	1402	20
14	Rasul Rza		salt	3000	Kiyanly	1404	10
15	Rasul Rza		salt	3000	Kiyanly	1404	8.5
16	Samed Vurgun	tanker	fuel oil	4858	Krasnovodsk	1402	20
17	Ali-Bairamly	tanker	petroleum	7027	Aktau	40015	24
18	Gobustan	tanker	fuel oil	4424	Krasnovodsk	1402	5
19	Gobustan	tanker	fuel oil	4749	Krasnovodsk	1402	5.25
20	General Abbasov	tanker	fuel oil	4711	Krasnovodsk	1402	5.5
21	General Abbasov	tanker	fuel oil	4548	Krasnovodsk	1402	6
22	Gobustan	tanker	fuel oil	4521	Krasnovodsk	1402	13
23	Gobustan	tanker	fuel oil	4666	Krasnovodsk	1402	8
24	Gobystan	tanker	fuel oil	4710	Krasnovodsk	1402	8.5
25	N. Narimanov	tanker	fuel oil	4835	Krasnovodsk	1402	8
26	Nigyar Rafibeili	tanker	fuel oil	4606	Krasnovodsk	1402	9.75

Source : Administration of Baku Sea Port

*Table IV.5*

*List of vessels loaded in III quarter of 1995*

**Azerbaijan**

(country)

**List of Vessels Handled in Third Quarter 1995 Baku**

Node : 20125

No	Name of vessel	Vessel type	Export cargo		Port of destination		Waiting time during loading, (hours)
			Type of cargo	Weight tons			
1	2	3	4	5	7		8
1	Rasul Rza	dry freight (?)	Miscellaneous	1256	Enzeli	3201	73,5
2	Nasimi		Equipment	581	Krasnovodsk	1402	11
3	Nasimi		Scrapmetal	2739	Enzeli	3201	8
4	Inj. Mustafa-Ali	tanker	Water	5000	Okarem	1401	19.5
5	Inj. Mustafa-Ali	tanker	Water	5000	Okarem	1401	22
6	Inj. Mustafa-Ali	tanker	Water	5200	Neftyanye Kamni	2502	19.5
7	Inj. Mustafa-Ali	tanker	Water	5000	Kiyanly	1404	20.5
8	Inj. Mustafa-Ali	tanker	Water	5200	Neftyanye Kamni	2502	22.5
9	Zangelan	tanker	Petroleum prod.	4985	Enzeli	3201	8
10	Zangelan	tanker	Petroleum prod.	4905	Enzeli	3201	7.5
11	Halilbeili	tanker	Petroleum prod.	4109	Mahachkala	2401	15.5
12	Kahraman Halilbeili	tanker	Petroleum prod.	4816	Noushehr	3202	8
13	Gajiev	tanker	Petroleum prod.	3930	Apshehon		7
14	Islam Safarli	tanker	Petroleum prod.	3383	Mahachkala	2401	12.75
15	Islam Safarli	tanker	Petroleum prod.	4769	Noushehr	3202	7
16	Gen. Mehmandarov	tanker	Petroleum prod.	4469	Mahachkala	2401	9.5
17	Gen. Mehmandarov	tanker	Petroleum prod.	4720	Noushehr	3202	7
18	Gen. Mehmandarov	tanker	Petroleum prod.	4509	Krasnovodsk	1402	9
19	Gen. Mehmandarov	tanker	Petroleum prod.	4787	Enzeli	3201	7
20	Gen. Geidarov	tanker	Petroleum prod.	4705	Noushehr	3202	7.5
21	Ordubad	tanker	Petroleum prod.	4691	Enzeli	3201	6.5
22	Ordubad	tanker	Petroleum prod.	4534	Enzeli	3201	8
23	Ordubad	tanker	Petroleum prod.	4679	Noushehr	3202	7.5
24	Gen. Shyhliniski	tanker	Petroleum prod.	4635	Noushehr	3202	7.5
25	Gen. Shyhliniski	tanker	Petroleum prod.	4785	Krasnovodsk	1402	5.5
26	Gen. Shyhliniski	tanker	Petroleum prod.	4718	Krasnovodsk	1402	7.75
27	Gen. Shyhliniski	tanker	Petroleum prod.	4660	Enzeli	3201	7.5
28	Gen. Geidarov	tanker	Petroleum prod.	4587	Aktau	40015	8
29	Gen. Geidarov	tanker	Petroleum prod.	4583	Noushehr	3202	6
30	Gen. Geidarov	tanker	Petroleum prod.	4494	Krasnovodsk	1402	7.5
31	Gen. Geidarov	tanker	Petroleum prod.	4514	Krasnovodsk	1402	8
32	Gen. Mehmandarov	tanker	Petroleum prod.	4246	Krasnovodsk	1402	12
33	Gen. Mehmandarov	tanker	Petroleum prod.	4607	Noushehr	3202	7.5
34	Gen. Mehmandarov	tanker	Petroleum prod.	4560	Krasnovodsk	1402	7.5
35	Ordubad	tanker	Petroleum prod.	4530	Krasnovodsk	1402	7.5
36	Ordubad	tanker	Petroleum prod.	4346	Krasnovodsk	1402	7.75
37	Ordubad	tanker	Petroleum prod.	4691	Enzeli	3201	6.5
38	Islam Safarli	tanker	Petroleum prod.	4705	Enzeli	3201	6
39	Islam Safarli	tanker	Petroleum prod.	4631	Krasnovodsk	1402	7
40	Islam Safarli	tanker	Petroleum prod.	4466	Krasnovodsk	1402	8
41	Islam Safarli	tanker	Petroleum prod.	4700	Noushehr	3202	6.5
42	Kahraman Halilbeili	tanker	Petroleum prod.	4767	Enzeli	3201	7.5
43	Kahraman Halilbeili	tanker	Petroleum prod.	4555	Krasnovodsk	1402	8.5
44	N. Narimanov	tanker	Petroleum prod.	3601	Krasnovodsk	1402	4.5
45	Zangelan	tanker	Petroleum prod.	4616	Krasnovodsk	1402	8
46	Zangelan	tanker	Petroleum prod.	4815	Noushehr	3202	7.25
47	Zangelan	tanker	Petroleum prod.	4570	Krasnovodsk	1402	8
48	Inj. Mystafa-Ali	tanker	Petroleum prod.	5200	Neftyanye Kamni	2502	20

Source : Administration of Baku Sea Port



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

**Airport Characteristics and Traffic**

*Table V.1*

*Information about airports' carrying capacity*



**Azerbaijan**

(country)

**Airport carrying capacity**

No	Specifications	Airport name	Gyandja	Nahichevan	Evlah
1	Type of aircrafts landing	Bina Ил-76, Ил-18, Ил-86, Ан-124, Ту-134, Ту-154, Як-40, Як-42, Boeing-707, Boeing-727, Boeing-747	Ил-76, Ил-18, Ил-86, Ту-134, Ту-154, Як-40, Як-42, Boeing-707, Boeing-727	Ил-76, Ил-18, Ту-134, Ту-154, Як-40, Як-42, Boeing-707, Boeing-727	Ил-76, Як-40
2	Dimensions of run-way	2700 x 60 3200 x 45	2500 x 60	3300 x 45 1800 x 35	1650 x 35
3	Availability and number of parking spaces for freight aircraft Ил-76 Boeing-707 Ан-24 Ан-32	9 3	2	6	3 3
4	Availability and carrying capacity of freight terminals	50	20		20
5	Types of aircraft based at airport	Ту-134, Ту-154, Ан-12, Ан-26, Ан-32, Ил-76, Boeing-707, Boeing-727	Ту-134, Як-40		Як-40
6	Availability of mechanised facilities for loading-unloading	x	x	x	

Source : Air Company 'Azal'

*Table V.2*

*Airport's technical and economic data*

## Azerbaijan

(country)

### Airport operations data \_\_\_ Baku \_\_\_

No	Specifications	(name/city) Units of measurement	Years		
			1993	1994	1995
1	Goods dispatched, total	tonnes	13196.1	24551.1	21220.9
	including	tonnes	13154.1	24551.1	21220.9
	- originally - transit	42			
2	from it				
	- internal air routes	tonnes	3960.6	7392.2	6497.9
	- neighbouring countries	tonnes	7894.7	5267.7	1459.5
	- international air routes	tonnes	1298.8	11891.2	13263.5
3	Turnover, total (billions ton*km)		24.5	48.8	56.2
	including				
	- internal air routes		2.6	5.2	8.3
	- neighbouring countries		18.5	17.4	12.9
4	- international air routes		3.4	26.2	35
	Transportation tariff per 1 ton of cargo				
5	- on regular air routes	USD/km	1	1	1.09
	- by charters	USD/km	1	1	1.09
6	Rate for reception/dispatching of 1 ton of cargo	USD/km			
	Maximum time of full unloading and new loading of aircraft by types	hours/minutes	3	3	6

Source : Air Company 'Azal'

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

**Azerbaijan**

(country)

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

(name/city)

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/arriving cargo, tonnes		
				1993	1994	1995
1	Airport Karachi dispatching arriving	2560	3.15	17.7 0.2	134.4	555.3 0.1
2	Airport Groznyi dispatching arriving	580	0.50	5.7 5.6	6 45.1	
3	Airport Tbilisi dispatching arriving	550	1.15	4.9 106.7		4.3 16
4	Airport Istanbul dispatching arriving	2230	2.25	67.8 23.3	566.4 8.4	377.9 11.7
5	Airport Ankara dispatching arriving	1860	2.05	35.9 3.4		
6	Airport Trabzon dispatching arriving	1400	1.30	19.7 4.4	31.4 3.4	21.5 2.7
7	Airport Teheran dispatching arriving	640	1.05	0.5 1	0.1	5.4
8	Airport Shardja dispatching arriving	1880	2.25	131.7 0.4	172.8 18.7	286.7 13.9
9	Airport Tel Aviv dispatching arriving	2800	3.00	10.6 64.1	118.8 80.4	345.4 72
10	Airport Nahichevan dispatching arriving	820	1.00	2742.6 2455.4	9054 1142.2	6950.2 855.2
11	Airport Moscow dispatching arriving	2020	2.30	1124.1 2554.6	413.4 860.7	711.4 1124.3
12	Airport Ekaterinburg dispatching arriving	2050	2.30	51.1 401.6	18.4 436.4	24.9 140.1
13	Airport Samara dispatching arriving	1490	2.10	34.1 90.6	39.6 172.8	179.2 171.2
14	Airport Kiev dispatching arriving	1970	2.30	42.5 119.7	20.3	51.1 117.6

**Azerbaijan**

(country)

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

(name/city)

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/arriving cargo, tonnes		
				1993	1994	1995
15	Airport Saint Petersburg	2730	3.30	235.2	26.4	23.7
				393.8	205.1	121.3
16	Airport Almaty	2320	3.15	187.1	0.2	22.8
				75.4	0.8	12.4
17	Airport Belgorod	1740	2.10	0.7		
				2		
18	Airport Chimkent	1930	2.40	34	46.3	11.1
				47.5	94	23.6
19	Airport Bishkek	2140	2.55		6.3	5.9
				0.4	57.8	9.9
20	Airport Aleppo	1700	2.00	382.7	425.7	1461.2
				0.9		5.1
21	Airport Delhi	3350	4.10	56.1	202.6	273.9
				0.1	0.1	
22	Airport Dubai	1880	2.20	348.4	1225.8	5073.4
				29.6	9.6	10.8
23	Airport Odessa	1920	2.10	16.4		
				62.4		
24	Airport Dnepropetrovsk	1620	2.00	1.9		
				7.7		
25	Airport N. Novgorod	2010	2.30	62.7	52.8	133.4
				79.8	118.6	108.8
26	Airport Volgograd	1160	1.35	91.5	25.9	18.7
				85.1	75.9	22.9
27	Airport Krasnodar	1150	1.30	26.6	10	
				69.3	126.9	
28	Airport Donetsk	1400	2.10	6.5		
				16.6		
29	Airport Aktau	390	0.50			

**Azerbaijan**

(country)

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

(name/city)

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/ arriving cargo, tonnes		
				1993	1994	1995
	dispatching			10.6	9.2	9.3
	arriving			27	79.6	77
30	Airport Naberezhnye Chelny	2140	2.10			
	dispatching			38.5	3.5	
	arriving			35.7		
31	Airport Orenburg	1510	2.05			
	dispatching			20.2		2.4
	arriving			61.2		24.1
32	Airport Cologne	4260	4.30			
	dispatching			27.7	23.4	29.2
	arriving			1		
33	Airport Perm	2190	3.00			
	dispatching				70.4	4.6
	arriving				60.5	28.5
34	Airport Ufa	1730	2.20			
	dispatching				19.2	
	arriving				160.3	
35	Airport Nizhnevartovsk	3090	3.40			
	dispatching				3.2	
	arriving				31.1	
36	Airport Fudjera	1960	2.30			
	dispatching				454.2	212.7
	arriving				52.2	
37	Airport Voronezh	1630	2.30			
	dispatching				6.5	6
	arriving				37.3	11.3
38	Airport Kharkov	1640	2.30			
	dispatching				7.8	5.3
	arriving				20.8	21.5
39	Airport Yrumchi	3360	4.00			
	dispatching				280.9	1136.1
	arriving					2.3
40	Airport Athens	2750	3.00			
	dispatching				173.6	270
	arriving					
41	Airport Authtand	4320	5.10			
	dispatching				147.2	903.3
	arriving					29.2
42	Airport Minsk	2440	3.15			
	dispatching				54.5	412.6
	arriving				3.6	106.4
43	Airport Kishinev	2080	2.30			
	dispatching					369

**Azerbaijan**

(country)

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

(name/city)

No	Name of destination/departure airports	Tariff distance, km	Flying time, hr/m	Volume of sending/ arriving cargo, tonnes		
				1993	1994	1995
	arriving					114.2
44	Airport Novosibirsk	3110	3.40			
	dispatching					32.5
	arriving					84.7
45	Airport Kazan	1760	2.10			
	dispatching					18.6
	arriving					27.2
46	Airport Ashgabat	800	1.20			
	dispatching					2.4
	arriving					22.1
47	Airport Chelyabinsk	1960	2.45			
	dispatching					19.7
	arriving					121.3
48	Airport Zaporozhie	1590	2.20			
	dispatching					16.2
	arriving					34.2
49	Airport Krasnoyarsk	3720	4.30			
	dispatching					6.6
	arriving					89.4
50	Airport Grodno	2700	3.15			
	dispatching					245.6
	arriving					40
51	Airport Brest	2800	3.15			
	dispatching					232
	arriving					4.2

Source : Air Company 'Azal'





**Table VI**

**Route and Cost Data**

*No data available.*