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**FOLLOW-UP OF THE METHODOLOGICAL DEVELOPMENT AND HARMONIZATION OF
TRANSPORT STATISTICS**

Pilot Questionnaire on Urban Passenger Transport

Note by the secretariat

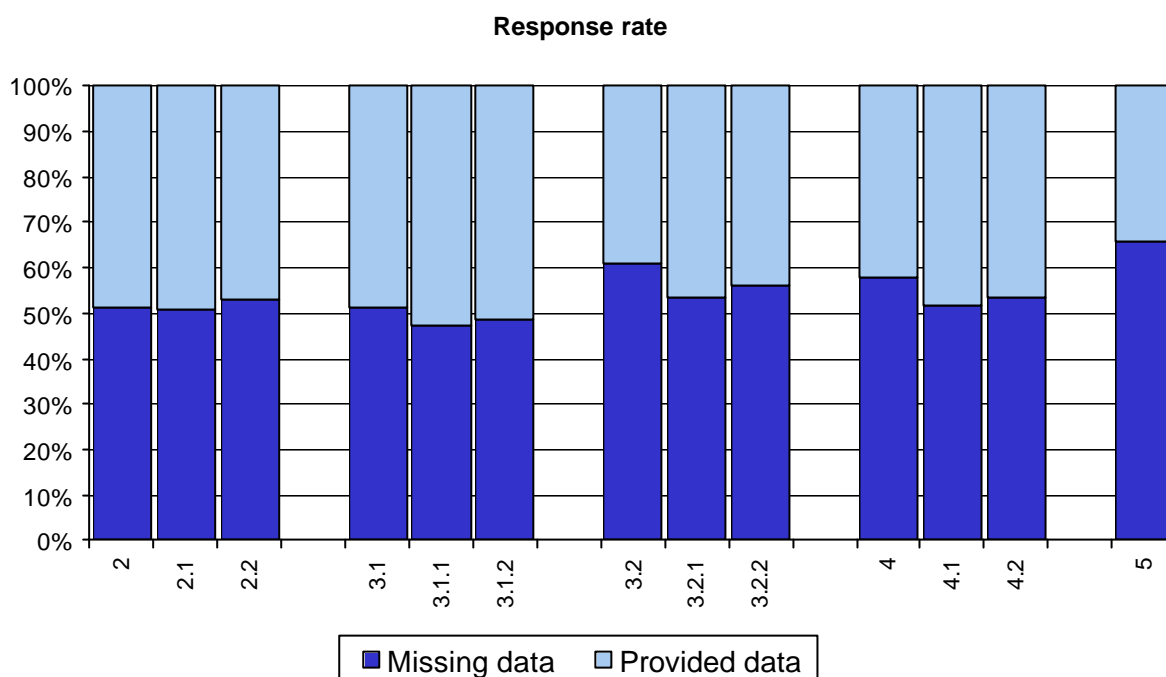
I. BACKGROUND AND MANDATE

1. At its fifty-first session, (24-26 October 2000) the Working Party on Transport Statistics recalled the decision to circulate the Pilot Questionnaire on Urban Passenger Transport that had been developed by the International Union of Public Transport (UITP), in cooperation with the Intersecretariat Working Group on Transport Statistics (IWG), as an appendix to the Common Questionnaire (TRANS/WP.6/139, para. 19). The objective of the Pilot Questionnaire was to explore the possibility of incorporating new variables into the Common Questionnaire for Transport Statistics related to urban passenger transport as well as to develop harmonized definitions on urban transport (TRANS/WP.6/1998/4).

II. RESULTS OF THE MODIFIED PILOT QUESTIONNAIRE

2. The Pilot Questionnaire on Urban Passenger Transport was circulated in September 2000 to the fifty-five member countries of the Economic Commission for Europe (ECE) as an Appendix to the Common Questionnaire. The following 26 countries (47%) provided by 25 July 2001 data which refer to the year 1999: Albania, Armenia, Croatia, Cyprus, Czech Republic, Finland, France, Germany, Hungary, Ireland, Israel, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Malta, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, United States, Yugoslavia. The table in annex 1 reflects the replies to the Pilot Questionnaire for the period from 1996 to 1999 (incl). In total, 70 of the ECE member countries provided responses to the Pilot Questionnaire.

3. The following graphic shows the response rates for all the variables (average over the period under study for all countries).



2. *Metros, trams and light rail movements*

TRAIN-KILOMETRES (1000)

2. *Total*

2.1. *Metros*

2.2. *Trams and light rail*

3. *Passenger transport*

NUMBER OF PASSENGERS (1000)

3.1 *Total*

3.1.1 *Metros*

3.1.2 *Trams and light rail*

NUMBER OF PASSENGER-KILOMETRES (million)

3.2 *Total*

3.2.1 *Metros*

3.2.2 *Trams and light rail*

4. *Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?*

4 *Total*

4.1 *Metros*

4.2 *Trams and light rail*

5. *Number of taxis in operation at 31.12*

5 *Number of taxis*

4. The questionnaire also asked for information on the methodology applied to collect data on urban passenger transport and comments on the proposed definitions to be included in the Glossary for Transport Statistics (see annex 2). So far, only Croatia, France, Germany and Slovakia have provided such information.

III. UITP COMMENTS

5. The UITP (International Union of Public Transports), that instigated the collection of urban transport data by the Common Questionnaire, analysed the data presented in annex 1. In this connection, it underlined the usefulness of this data collection, especially for the Metro, Light Rail and Trams, and encouraged the secretariat to follow up. Moreover, UITP proposed to collect also the number of seat per kilometre and to extend the collection of data to the buses and trolleybuses. The evaluation of the data quality was the second part of the analysis that has been undertaken by the UITP. The following list represents the problems have been highlighted as well as suggestions made:

Table 1

- Some cities having metros, light rail or trams are missing
- Data on Canada is missing
- Paris should replace “Issy les Moulineaux” or “Saint Denis” that are only suburbs
- Haifa has presumably a tigtrope (not a tram or light rail).

Tables by country

- Belgium : metro in Brussels, light rail and trams in Brussels, Anvers, Gand, Charleroi and on the coast.
- Bulgaria :There are some trams and a metro in Sofia.
- Canada : metros in Montreal, Toronto and Vancouver; light rail in Toronto, Calgary and Edmonton.
- Czech Republic : The number of passenger-kilometres seems wrong (if the number of passengers is correct, the average trip distance would be 16.7 km for metro and 14.7 km for trams and light rail, which appears to be excessive).
- France : The number of passenger-kilometre seems wrong (the average trip distance would be of 0.7 km instead of 3 km).
- Georgia : there are supposed to be some trams and metros.
- Germany : it is surprising that no statistics are available on the items dealt with.
- Greece : there is a metro in Athens.
- Netherlands : Amsterdam and Rotterdam have metros; Amsterdam, Rotterdam, La Haye and Utrecht have trams and light rails.
- Slovakia : train/kilometre data seem to be 1000 times to high.
- Spain : The metro traffic data are probably not correct, there must be must likely more than 900 millions of passenger per year and approximately 4000 millions of passenger-kilometres (Madrid, Barcelona and Bilbao). In addition there is a light metro in Valencia, is it included in the metros?
- Sweden : it is unlikely that the traffic has reduced by 60% between 1996 and 1997 (1996 data are correct)
- Ukraine : there are trams and metros (at least in Kiev)
- United Kingdom : the order of magnitude of the data is likely to be correct but it would be useful to check if metros and trams from Glasgow, Newcastle, Manchester and Sheffield are included.

IV. CONCLUSIONS AND RECOMMENDATIONS

6. In considering the information available and the UITP recommendations, the Secretariat concluded that even if at the moment the amount of data and methodological information including definitions supplied is insufficient to allow an analysis or conclusions on the urban transport situation, some of the variables are interesting with a relatively widespread coverage. Nevertheless, the data quality needs some improvement. Therefore, the Secretariat suggests to continue the data collection on an annual basis, if WP.6 member countries feel it appropriate.

Annex 1**RESULTS OF THE MODIFIED PILOT QUESTIONNAIRE
ON URBAN PASSENGER TRANSPORT****I. METROS, TRAMS, LIGHT RAIL**

1. Towns and cities with metro systems or with tram/light rail systems.		
<u>COUNTRY</u>	<u>WITH METRO SYSTEM</u>	<u>WITH TRAM OR LIGHT RAIL SYSTEM</u>
Albania	None	None
Armenia		
Austria	Vienna	Graz, Vienna, Gmunden, Innsbruck, Linz
Azerbaijan	1	5
Belarus	1	4
Bulgaria	1	1
Belgium		
Croatia	None	Zagreb, Osijek
Cyprus	None	None
Czech Republic	Praha	Praha, Liberec, Plze, Brno, Ostrava, Olomouc, Most
Estonia	None	Tallinn
Finland	Helsinki	Helsinki
France	Paris, Lille, Lyon, Marseille, Toulouse	Saint-Denis, Grenoble, Lille, Marseille, Nantes, Rouen, Saint-Etienne, Strasbourg, Issy-les Moulineaux
Germany	Berlin, Hamburg, Munich, Nuremberg	about 60
Hungary	Budapest	Budapest, Debrecen, Miskolc, Szeged
Ireland	None	None
Israel	Haifa	None
Italy	Milano, Roma, Genova, Napoli, Catania	Milano, Torino, Roma, Napoli, Genova, Trieste
Kazakhstan	None	Alma-Ata, Ust-Kamenogorsk, Karaganda, Timirtau, Pavlodar
Kyrgyzstan	None	None
Latvia	None	Riga, Daugavpils, Liepaja
Lithuania	None	None
Malta	None	None
Netherlands	2	4
Norway	Oslo	Oslo, Trondheim
Poland	Warszawa	Warszawa, Bydgoszcz, Czestochowa, Elblag, Gdansk, Gorzów Wielkopolski, Grudziadz, Katowice plus 14 regional cities, Kraków, Łódz plus 4 regional cities, Poznan, Szczecin, Torun, Wrocław
Portugal	Lisbon	Lisbon, Porto
Republic of Moldova	None	None
Romania	Bucharest	Bucharest, Arad, Oradea, Botosani, Brasov, Braila, Resita, Cluj-Napoca, Constanta, Craiova, Galati, Iasi, Ploiesti, Sibiu, Timisoara
Russian Federation	6	68
Slovakia	None	Bratislava, Kosice
Slovenia	None	None
Spain	Madrid, Barcelona, Bilbao, Valencia	
Sweden	Stockholm	Stockholm, Goteborg, Norrköping
Switzerland	None	7
Turkey	1	3
United Kingdom	London, Tyne & Wear (Newcastle), Glasgow	London, South Yorkshire (Sheffield), Manchester
Unites States	Portland (OR), Boston (MA), New York (NY), Philadelphia (PA), Waschington DC, Baltimore (MD), Cleaveland (OH), Atlanta (GA), Miami (FL), Chicago (IL), San Francisco Bay Area (CA), Los Angeles (CA)	Seattle (WA), Boston (MA), New Jersey, Philadelphia (PA), Pittsburg (PA), Baltimore (MD), Cleaveland (OH), Dallas (TX), St. Louis (MO), Denver (CO), San Francisco (CA), San Jose (CA), Los Angeles (CA), Chicago (IL)
Uzbekistan	Tashkent	Tashkent
Yugoslavia	None	Belgrade

Albania				Andorra				Armenia				Austria			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [IV-07]* (1000)																
Total	-	-	-	-	...	...	...	...	5,635	6,011	5,972	5,834	42,421	42,665	...	...
- Metros	-	-	-	-	...	...	...	...	4,362	4,073	3,832	3,631	10,028	10,230	...	...
- Trams and light rail	-	-	-	-	...	...	...	...	1,273	1,938	2,140	2,203	32,393	32,435	...	...

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	-	-	-	-	...	...	...	...	47,238	36,705	26,800	22,256	688,949	690,292	...	...
- Metros	-	-	-	-	...	...	...	...	36,308	26,103	20,100	16,903	370,607	375,701	...	...
- Trams and light rail	-	-	-	-	...	...	...	...	10,930	10,602	6,700	5,353	318,342	314,591	...	...
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	-	-	-	-	...	...	...	...	187	147	106	88	...	...	...	...
- Metros	-	-	-	-	...	...	...	...	138	99	76	64	...	...	...	...
- Trams and light rail	-	-	-	-	...	...	...	...	49	48	30	24	410	400	...	...

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	no	no	no	no	...	...	...	...	...	...	...	...	no	no	...	...
- Metros	no	no	no	no	...	...	...	...	...	...	...	...	no	no	...	...
- Trams and light rail	no	no	no	no	...	...	...	...	...	...	...	...	no	no	...	...

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	...	...	...	...	...	...	...	...	1,165	1,006	566	355	...	...	...	...

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Azerbaijan				Belarus				Belgium				Bosnia and Herzegovina			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [IV-07]* (1000)																
Total	29,470	28,939	...	...	18,701	18,506	...	...	...	...	...	...	...	...	...	...
- Metros	20,122	20,123	...	...	3,622	3,713	...	...	...	...	...	...	...	...	...	...
- Trams and light rail	9,348	8,816	...	...	15,079	14,793	...	...	...	...	...	...	...	...	...	...

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	192,542	175,439	...	...	217,685	276,014	...	...	...	...	...	...	...	...	...	...
- Metros	171,598	159,526	...	...	142,830	175,159	...	...	...	...	...	...	...	...	...	...
- Trams and light rail	20,944	15,913	...	...	74,855	100,855	...	...	...	...	...	...	...	...	...	...
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	629	715	...	...	1,118	1,409	...	...	...	...	...	...	...	...	...	...
- Metros	565	661	...	...	786	996	...	...	...	...	...	...	...	...	...	...
- Trams and light rail	64	54	...	...	332	413	...	...	...	...	...	...	...	...	...	...

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
- Metros	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
- Trams and light rail	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	8,447	8,447	...	...	2,100	2,100	...	...	...	...	...	...	...	...	...	...

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Bulgaria				Canada				Croatia				Cyprus			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [IV-07]* (1000)																
Total	23,177	23,514	23,855	23,680	-	-	-	-
- Metros	-	-	-	-	-	-	-	-
- Trams and light rail	23,177	23,514	23,855	23,680	-	-	-	-

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	...	...	...	...	...	...	...	...	164,293	166,031	162,632	162,422	-	-	-	-
- Metros	...	...	...	...	...	...	...	...	-	-	-	-	-	-	-	-
- Trams and light rail	118,264	123,375	...	...	...	...	...	...	164,293	166,031	162,632	162,422	-	-	-	-
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	...	...	...	...	...	...	...	...	...	...	...	...	-	-	-	-
- Metros	...	...	...	...	...	...	...	...	-	-	-	-	-	-	-	-
- Trams and light rail	296	308	...	...	...	...	...	...	...	...	...	...	-	-	-	-

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	yes	no	yes	yes	-	-	-	-
- Metros	-	-	-	-	-	-	-	-
- Trams and light rail	yes	no	yes	yes	-	-	-	-

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	2,000	2,330	1,970	1,906	1,569	1,586	1,607	1,611

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Czech Republic				Denmark				Estonia				Finland			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [IV-07]* (1000)																
Total	128,385	126,660	128,910	133,696	...	...	...	...	...	...	...	...	14,020	14,340	14,680	16,460
- Metros	36,323	36,377	37,190	40,929	...	...	...	...	...	...	...	...	8,670	8,950	9,410	11,140
- Trams and light rail	92,062	91,720	92,767		...	...	...	...	...	...	...	...	5,350	5,390	5,270	5,320

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	1,150,139	1,160,267	1,163,160	1,162,229	...	...	...	...	35,600	36,900	...	...	93,200	95,900	99,400	105,000
- Metros	414,627	418,278	407,150	428,075	...	...	...	...	-	-	...	...	40,600	42,300	44,900	49,500
- Trams and light rail	735,512	741,989	756,010	734,154	...	...	...	...	35,600	36,900	...	...	52,600	53,600	54,500	55,500
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	17,190	17,349	17,363	17,947	...	...	...	...	...	...	...	...	403	417	439	480
- Metros	6,349	6,408	6,508	7,163	...	...	...	...	-	-	...	...	289	301	321	360
- Trams and light rail	10,841	10,941	10,855	10,784	...	...	...	...	...	...	...	...	114	116	118	120

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	no	no	no	no	...	...	...	...	...	...	...	...	no	no	no	no
- Metros	no	no	no	no	...	...	...	...	-	-	...	...	no	no	no	no
- Trams and light rail	no	no	no	no	...	...	...	...	yes	...	...	...	no	no	no	no

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	9,827	12,128	...	11,176	2,500	2,850	9,676	...	9,700

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

France				Georgia				Germany				Greece			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [IV-07]* (1000)																
Total	84,885	85,460	87,759	91,178	...	...	...	...	618,800	620,200	616,200	611,900	...	...	...	...
- Metros	74,020	74,044	75,219	73,362	...	...	...	...	...	...	...	...	...	...	...	...
- Trams and light rail	10,865	11,416	12,540	12,816	...	...	...	...	...	...	...	...	...	...	...	...

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	1,796,831	1,832,951	1,935,543	2,004,514	...	...	...	...	...	...	...	...	...	...	...	...
- Metros	1,663,520	1,696,286	1,789,908	1,848,768	...	...	...	...	...	...	...	...	...	...	...	...
- Trams and light rail	133,311	136,665	145,635	155,746	...	...	...	...	...	...	...	...	...	...	...	...
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	8,880	9,048	9,417	9,764	...	...	...	...	...	...	...	...	...	...	...	...
- Metros	8,838	8,990	9,332	9,655	...	...	...	...	...	...	...	...	...	...	...	...
- Trams and light rail	42	58	85	109	...	...	...	...	...	...	...	...	...	...	...	...

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	no	no	no	no	...	...	...	...	no	no	no	no	...	...	...	...
- Metros	no	no	no	no	...	...	...	...	no	no	no	no	...	...	...	...
- Trams and light rail	no	no	no	no	...	...	...	...	no	no	no	no	...	...	...	...

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	34,785	33,483	36,927	52,537

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Hungary				Iceland				Ireland				Israel			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [IV-07]* (1000)																
Total	92,688	92,039	91,869	90,345	...	...	...	...	-	-	-	-	53	53	101	101
- Metros	31,198	30,741	30,595	30,172	...	...	...	...	-	-	-	-	53	53	101	101
- Trams and light rail	61,490	61,298	61,274	60,173	...	...	...	...	-	-	-	-	-	-	-	-

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	756,780	783,467	817,913	823,726	...	...	...	...	-	-	-	-	1,118	990	818	825
- Metros	274,744	297,458	312,700	316,197	...	...	...	...	-	-	-	-	1,118	990	818	825
- Trams and light rail	482,036	486,009	505,213	507,529	...	...	...	...	-	-	-	-	-	-	-	-
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	2,817	2,909	3,059	3,081	...	...	...	...	-	-	-	-	...	...	...	...
- Metros	1,133	1,222	1,303	1,327	...	...	...	...	-	-	-	-	...	...	...	...
- Trams and light rail	1,684	1,687	1,756	1,754	...	...	...	...	-	-	-	-	-	-	-	-

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	no	no	no	no	...	...	...	...	no	no	no	no	no	no	no	no
- Metros	no	no	no	no	...	...	...	...	no	no	no	no	no	no	no	no
- Trams and light rail	no	no	no	no	...	...	...	...	no	no	no	no	no	no	no	no

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	...	...	...	...	...	...	...	...	9,219	10,340	11,240	13,076	10,599	11,563	...	...

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Italy				Kazakhstan				Kyrgyzstan				Latvia			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [IV-07]* (1000)																
Total	115,844	112,751	111,917	112,187	...	...	...	...	-	-	-	-	16,777	16,137	15,782	15,908
- Metros	78,899	77,921	77,137	77,922	-	-	-	-	-	-	-	-	-	-	-	-
- Trams and light rail	36,945	34,830	34,780	34,265	...	...	...	...	-	-	-	-	16,777	16,137	15,782	15,908

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	867,800	867,600	861,700	862,800	70,860	65,500	54,387	53,605	-	-	-	-	79,454	88,413	97,987	93,782
- Metros	571,800	571,700	569,500	573,500	-	-	-	-	-	-	-	-	-	-	-	-
- Trams and light rail	296,000	295,900	292,200	289,300	70,860	65,500	54,387	53,605	-	-	-	-	79,454	88,413	97,987	93,782
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	5,303	5,331	5,223	5,314	371	316	550	426	-	-	-	-	464	550	614	588
- Metros	4,067	4,146	4,133	4,191	-	-	-	-	-	-	-	-	-	-	-	-
- Trams and light rail	1,236	1,185	1,090	1,123	371	316	550	426	-	-	-	-	464	550	614	588

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	no	no	no	no	...	...	...	...	no	no	no	no	no	no	no	no
- Metros	no	no	no	no	-	-	-	-	no	no	no	no	no	no	no	no
- Trams and light rail	no	no	no	no	...	...	...	...	no	no	no	no	no	no	no	no

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	2,232	2,073	2,150	1,226	664	519	379	278	595	585

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Liechtenstein				Lithuania				Luxembourg				Malta			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [IV-07]* (1000)																
Total	...	...	...	...	-	-	-	-	...	...	...	...	-	-	-	-
- Metros	...	...	...	...	-	-	-	-	...	...	...	...	-	-	-	-
- Trams and light rail	...	...	...	...	-	-	-	-	...	...	...	...	-	-	-	-

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	...	...	...	...	-	-	-	-	...	...	...	...	-	-	-	-
- Metros	...	...	...	...	-	-	-	-	...	...	...	...	-	-	-	-
- Trams and light rail	...	...	...	...	-	-	-	-	...	...	...	...	-	-	-	-
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	...	...	...	...	-	-	-	-	...	...	...	...	-	-	-	-
- Metros	...	...	...	...	-	-	-	-	...	...	...	...	-	-	-	-
- Trams and light rail	...	...	...	...	-	-	-	-	...	...	...	...	-	-	-	-

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	...	...	...	...	-	-	-	-	...	...	...	...	no	no	no	no
- Metros	...	...	...	...	-	-	-	-	...	...	...	...	no	no	no	no
- Trams and light rail	...	...	...	...	-	-	-	-	...	...	...	...	no	no	no	no

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	...	...	...	...	...	...	...	...	...	...	...	...	250	250	245	245

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Monaco				Netherlands				Norway				Poland			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [IV-07]* (1000)																
Total	...	...	...	...	...	...	...	...	20,500	20,500	19,800	21,000	199,319	199,214	204,917	203,681
- Metros	...	...	...	...	11,400	...	...	...	16,700	16,800	16,200	17,400	4,138	4,375	6,087	6,549
- Trams and light rail	...	...	...	...	30 600 (a)	...	...	...	3,800	3,700	3,600	3,600	195,181	194,839	198,830	197,132

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	...	...	...	...	...	...	...	...	89	92	101	104	...	...	...	...
- Metros	...	...	...	...	710 000 (b)	...	...	...	57	59	67	70	27,000	26,540	36,355	48,887
- Trams and light rail	...	...	...	...	...	...	...	...	32	33	34	34	...	...	...	...
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	...	...	...	...	...	...	...	...	383	396	464	502	...	...	...	...
- Metros	...	...	...	...	6 210 (b)	...	...	...	299	310	382	418	...	...	...	...
- Trams and light rail	...	...	...	...	...	...	...	...	83	86	82	85	...	...	...	...

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no
- Metros	...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no
- Trams and light rail	...	...	...	...	...	...	...	...	no	no	no	no	no	no	no	no

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	...	...	...	...	3,000	3,000	...	...	5,864	5,949	6,074	6,621	...	...	...	...

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Notes: (a) Excluding rail light; (b) All, including buses.

Portugal				Republic of Moldova				Romania				Russian Federation			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [V-07]* (1000)																
Total	13,833	13,435	17,617	19,842	-	-	...	...	18,280	19,019	16,604	18,998	740,789	703,985	...	...
- Metros	10,906	10,924	15,090	17,209	-	-	...	...	...	...	...	...	110,881	111,332	...	...
- Trams and light rail	2,927	2,511	2,527	2,633	-	-	...	...	...	...	...	...	629,908	592,653	...	...

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	155,427	144,071	152,966	134,245	-	-	...	...	789,633	822,493	750,908	776,145	#####	#####	...	...
- Metros	128,039	117,392	125,344	108,121	-	-	...	...	157,135	148,027	110,913	108,644	4,173,341	4,128,181	...	...
- Trams and light rail	27,388	26,679	27,622	26,124	-	-	...	...	632,498	674,466	639,995	667,501	7,517,849	7,475,418	...	...
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	529	489	519	557	-	-	...	...	...	...	...	...	71,858	71,231	...	...
- Metros	472	431	459	500	-	-	...	...	16,143	15,142	14,276	14,682	46,622	46,195	...	...
- Trams and light rail	57	58	60	57	-	-	...	...	...	...	...	...	25,236	25,036	...	...

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	...	...	...	...	no	no	...	...	no	no	no	no	yes	...	...	...
- Metros	...	...	...	...	no	no	...	...	no	no	no	no	yes	...	...	...
- Trams and light rail	yes	yes	yes	yes	no	no	...	...	no	no	no	no	yes	...	...	...

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	...	...	...	...	392	392	...	...	8,972	6,086	...	...	12,000	9,600	...	...

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

San Marino				Slovakia				Slovenia				Spain			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																	
TRAIN-KILOMETRES [IV-07]* (1000)																	
Total	960 203	976 261	941 571	887 765	(a)	-	-	...	...	...	...	...
- Metros	-	-	-	-	-	-	-	31,395	32,590	...	...
- Trams and light rail	960 203	976 261	941 571	887 765	(a)	-	-	...	...	...	...	...	...

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	143,259	139,668	126,488	117,714	-	-	...	...	...	...	...	...
- Metros	-	-	-	-	-	-	150,762	148,561	159,572	187,962
- Trams and light rail	143,259	139,668	126,488	117,714	-	-	...	...	...	...	...	...
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	-	-
- Metros	-	-	677,023	707,708	759,973	817,588
- Trams and light rail	-	-

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	no	no	no	no	no	no	...	...	...	...	...	...
- Metros	-	-	-	-	no	no	...	...	...	no	no	no
- Trams and light rail	no	no	no	no	no	no	...	...	...	...	...	...

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	2,179	2,734	3,019	3,052	599	599	71,081	70,578	70,539	70,142

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Note: (a) Seat-kilometres.

Sweden				Switzerland				Tajikistan				The former Yugoslav Republic of Macedonia			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [IV-07]* (1000)																
Total	101,700	13,435	17,617	19,842	...	-	...	...	...	19,019	16,604	18,998	...	703,985	...	...
- Metros	85,400	10,924	15,090	17,209	...	-	...	...	...	...	...	...	...	111,332	...	...
- Trams and light rail	16,300	2,511	2,527	2,633	27668 (a)	-	...	...	...	...	...	...	...	592,653	...	...

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	332,000	144,071	152,966	134,245	...	-	...	...	...	822,493	750,908	776,145	...	#####	...	...
- Metros	257,000	117,392	125,344	108,121	...	-	...	...	...	148,027	110,913	108,644	...	4,128,181	...	...
- Trams and light rail	75,000	26,679	27,622	26,124	394788 (a)	-	...	...	...	674,466	639,995	667,501	...	7,475,418	...	...
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	...	489	519	557	...	-	...	...	...	...	...	...	...	71,231	...	...
- Metros	1,481	431	459	500	...	-	...	...	...	15,142	14,276	14,682	...	46,195	...	...
- Trams and light rail	...	58	60	57	...	-	...	...	...	...	...	...	...	25,036	...	...

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	no	...	...	...	...	no	...	...	...	no	no	no	...	...	...	...
- Metros	no	...	...	...	...	no	...	...	...	no	no	no	...	...	...	...
- Trams and light rail	no	yes	yes	yes	...	no	...	...	...	no	no	no	...	...	...	...

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	...	...	...	...	392	392	...	...	8,972	6,086	...	...	12,000	9,600	...	...

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Note: (a) 1995 data.

Turkey				Turkmenistan				Ukraine				United Kingdom			
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																	
TRAIN-KILOMETRES [IV-07]* (1000)																	
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	72,000	76,000	...	...
- Metros	...	...	...	...	...	...	...	...	...	...	...	...	...	65,000	68,000	...	...
- Trams and light rail	9,668	14,643	...	...	...	...	...	...	...	...	...	...	...	7,000	8,000	...	...

3. Passenger transport																	
NUMBER OF PASSENGERS [V-06]* (1000)																	
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	859,000	925,000	...	...
- Metros	...	...	...	...	...	...	...	...	...	...	...	...	...	821,000	881,000	...	...
- Trams and light rail	120,589	200,691	...	...	...	...	...	...	...	...	...	...	...	38,000	44,000	...	...
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																	
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	6,648	6,998	...	...
- Metros	...	...	...	...	...	...	...	...	...	...	...	...	...	6,447	6,773	...	...
- Trams and light rail	827	1,108	...	...	...	...	...	...	...	...	...	...	...	201	225	...	...

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																	
Total	no	no	...	...
- Metros	no	no	...	...
- Trams and light rail	no	no	...	...

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis	187,700	187,700	approx 200 000

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

United States				Uzbekistan				Yougoslavia							
1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999	1996	1997	1998	1999

I. METRO, TRAMS, LIGHT RAIL

2. Metros, trams and light rail movements																
TRAIN-KILOMETRES [V-07]* (1000)																
Total	5,996	6,782	...	...	...	...	...	...	9,651	9,296	8,900	6,228				
- Metros	5,483	6,229	...	...	...	...	...	...	-	-	-	-
- Trams and light rail	513	553	...	...	...	...	...	...	9,651	9,296	8,900	6,228				

3. Passenger transport																
NUMBER OF PASSENGERS [V-06]* (1000)																
Total	2,535,000	2,905,000	...	...	269,996	277,434	...	...	137,820	96,018	99,373	85,857				
- Metros	2,157,000	2,430,000	...	...	136,553	139,811	...	...	-	-	-	-		
- Trams and light rail	378,000	475,000	...	...	133,443	137,623	...	...	137,820	96,018	99,373	85,857				
NUMBER OF PASSENGER-KILOMETRES [V-08]* (million)																
Total	#####	#####	...	...	1,464	1,527	...	...	836	583	603	523				
- Metros	#####	#####	...	...	996	1,019	...	...	-	-	-	-		
- Trams and light rail	1,835,869	1,975,852	...	...	468	508	...	...	836	583	603	523				

4. Are any data given in (2) and (3) above included in your country's response to the Common Questionnaire for Transport Statistics ?																
Total	no	no	no	no	...	...	...	...	yes	yes	yes	yes				
- Metros	no	no	no	no	...	...	...	...	no	no	no	no				
- Trams and light rail	no	no	no	no	...	...	...	...	yes	yes	yes	yes				

II. TAXIS

5. Number of taxis in operation at 31.12																
Number of taxis				

* References in square brackets refer to the definitions in the "Glossary for Transport Statistics" (2nd edition). See proposed definitions for Glossary for Transport Statistics (forthcoming 3rd edition) (Annex 2).

Symbols employed: "..." = Not available; "-" = Magnitude zero.

Annex 2

Results of the 1998 modified Pilot Questionnaire on Urban Passenger Transport

PROPOSED DEFINITIONS FOR THE GLOSSARY FOR TRANSPORT STATISTICS (FORTHCOMING 3RD EDITION)

Metro (metropolitan railway): An electric railway, often underground in town or city centres, with the capacity of a heavy volume of traffic and characterised by exclusive rights of way (sometimes shared with other rail modes), multi-car trains, high speed and rapid acceleration, sophisticated signalling, frequent stations and high platform loading. Also known as "subway" or underground".

Light rail: Light systems with vehicles of a tram type using rail tracks which are normally segregated from road traffic.

Tram: Passenger vehicle designed to seat more than nine persons (including the driver) which is connected to electric conductors or powered by diesel engine and which is rail borne normally alongside road traffic. Also known as "street car". (Vehicles that can also operate without guidance are considered as road transport and not included here.)

Taxi: Passenger vehicle for hire with driver, designed to seat nine persons or less (including the driver), without predetermined routes. The method of hire is normally flagging down on the street, picking up at a designated taxi rank or telephoning for collection.

Other definitions in this questionnaire refer to the Railway Transport chapter (Chapter A) of the Glossary for Transport Statistics. Note that train movements in the questionnaire should exclude empty movements not available for passengers. Where possible a passenger should be counted once from entry to the system to exit even if changes are made.

Notes on definitions and methodology: