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Item 2 of the provisional agenda

SELECTED METHODS TO IMPROVE EMIGRATION ESTIMATES

**COMPARABILITY AND EXCHANGE OF INTERNATIONAL MIGRATION STATISTICS
IN THE CIS COUNTRIES ***

Annexes

* This paper has been prepared by Olga Chudinovskikh, Moscow State Lomonosov University, at the invitation of the secretariat.

XIII. ANNEXES

Annex 1 Male ratio in flows of immigrants and emigrants in selected CIS countries (%)

Country of destination	Country of origin	Country of destination data on immigrants	Country of origin data on emigrants to Kazakhstan
Kazakhstan	Azerbaijan	59,7	48,4
	Moldova	48,0	50,4
	Russia	48,8	48,8
	Tajikistan	67,3	64,5
	Uzbekistan	50,2	49,9
Russia	Azerbaijan	55,2	43,9
	Kazakhstan	45,7	45,4
	Moldova	48,9	46,1
	Tajikistan	55,5	60,4
	Uzbekistan	45,4	45,3
Azerbaijan	Kazakhstan	64,2	54,9
	Moldova	72,1	53,6
	Russia	60,7	56,5
	Tajikistan	53,7	46,5
	Uzbekistan	55,0	51,1
Moldova PR	Azerbaijan	79,8	80,9
	Kazakhstan	45,9	43,3
	Russia	46,0	52,9
	Tajikistan	62,5	70,8
	Uzbekistan	48,4	39,8
Tajikistan	Azerbaijan	50,0	50,0
	Kazakhstan	67,7	76,0
	Moldova	66,7	77,8
	Russia	64,7	61,7
	Uzbekistan	40,6	51,0
Uzbekistan	Azerbaijan	45,3	39,0
	Kazakhstan	49,2	46,7
	Moldova	35,4	52,4
	Russia	49,4	51,3
	Tajikistan	43,0	39,4

Annex 2 Data sources – Templates 1 and 3

DATA SOURCES	Template 1 Persons who immigrated to your country by country of previous residence, by sex (years 2000-2006)	Template 3 Persons who emigrated from your country by country of next residence, by sex (years 2000-2006)
ARMENIA	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' registration in the new place of residence.	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' registration from the place of residence
AZERBAIJAN	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' registration in the new place of residence.	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' registration from the place of residence.
BELARUS	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' registration in the new place of residence.	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' de- registration from the place of residence.
GEORGIA	The data of 2000 and 2001 are from the population census of 2002 (by the 17th of January), migrants that resided abroad 2 years and 1 year before the census.	Census 2002 (for 2000 - 2001) ; for 2006 - Central register of aliens
KAZAKHSTAN	Statistical forms collected in the agencies of the Ministry of Justice (nationals) and Ministry of Interior (foreigners) at the moment of migrants' registration in the new place of residence, (the forms differ).	Statistical forms collected in the Ministry of Justice (Nationals) and Ministry of Interior agencies at the moment of migrants' de- registration from the place of residence (the forms differ).
KYRGYZSTAN	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' registration in the new place of residence.	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' de- registration from the place of residence.
MOLDOVA CSB	MOI of RM data on foreigners with permit of stay over 90 days in Moldova and Population register data (Ministry of Informational development) on nationals registered for residence.	Population register and Register of aliens data (Ministry of informational development) on persons de-registered in the place of residence by declaration or by residence permit expiry date.
MOLDOVA permanent residents, PR	Ministry of Informational development data on nationals registered for residence and foreigners with Permanent residence permit, Population register - date 31 Dec.	Ministry of Informational development (Population register) data on de-registered nationals and foreigners with Permanent residence permit, - date 31 Dec.
MOLDOVA temporary foreign residents PR	Ministry of Informational development data (Population register) on foreigners with period of stay > 90 days with temporary residence permit (valid 12 months, can be renewed), date- 31 Dec.	Ministry of Informational development data (Population register) on de-registered foreigners with period of stay > 90 days with temporary residence permit
RUSSIAN FEDERATION	Statistical forms collected in the Ministry of Interior (Federal migration service) agencies at the moment of migrants' registration in the new place of residence.	Statistical forms collected the Ministry of Interior (Federal migration Service) agencies at the moment of migrants' de- registration from the place of residence
TAJKISTAN	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' registration in the new place of residence.	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' de- registration from the place of residence
UKRAINE	Registration forms collected in the Ministry of interior agencies at the moment of migrants' registration in the new place of residence (copies of police forms, not special statistical forms - less variables).	Registration forms collected in the Ministry of interior agencies at the moment of migrants' de- registration from the place of residence
UZBEKISTAN	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' registration in the new place of residence.	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' de-registration from the place of residence.

Annex 2 Data sources - Templates 2 and 4

DATA SOURCES	Template 2. Persons who immigrated to your country by citizenship, by sex (years 2000-2006)	Template 4. Persons who emigrated from your country by citizenship and sex (years 2000-2006)
ARMENIA	NA	NA
AZERBAIJAN	NA	NA
BELARUS	MOI data on issued permits of entry for permanent residence in Belarus (for foreigners)	MOI exit permits for residence abroad (nationals) in fact - NA (data not distributed by countries of destination)
GEORGIA	Permits of stay MOI	NA
KAZAKHSTAN	NA	NA
KYRGYZSTAN	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' registration in the new place of residence.	Statistical forms collected in the Ministry of interior agencies at the moment of migrants' de- registration from the place of residence. 2006
Moldova CSB	NA	NA
Moldova permanent residents PR	Population register , 31/12	Population register , 31/12
Moldova temporary foreign residents	Population register , 31/12	Population register , 31/12
RUSSIAN FEDERATION	Statistical forms collected in the MOI (FMS) agencies at the moment of migrants' registration in the new place of residence.	Statistical forms collected in the MOI (FMS) agencies at the moment of migrants' de- registration from the place of residence
TAJIKISTAN	NA	NA
UKRAINE	Registration forms collected in the Ministry of interior agencies at the moment of migrants' registration in the new place of residence.	Registration forms collected in the agencies of the Ministry of interior agencies at the moment of migrants' de- registration from the place of residence
UZBEKISTAN	NA	NA

Annex 2 Data sources - Templates 5-8

DATA SOURCES	Template 5. Resident population according to country of residence one year before and sex (years 2000-2006)	Template 8. Persons who acquired citizenship of your country by previous citizenship and by sex (years 2000-2006)
ARMENIA	NA	Decree of the President of Armenia very low figures
AZERBAIJAN	NA	Data of Ministry of Internal Affairs of Azerbaijan Republic, very low figures
BELARUS	Census 1999	Persons are distributed by countries of previous citizenship only for 2005 and 2006
GEORGIA	Census 2002	NA
KAZAKHSTAN	NA	NA
KYRGYZSTAN	Census 1999.	NA
Moldova CSB	Census 2002	NA
Moldova permanent residents PR	Population register , 31/12	Population register , 31/12
Moldova temporary foreign residents PR	Population register , 31/12	
RUSSIAN FEDERATION	NA	Persons granted with the RF citizenship, MOI (Federal migration service) data
TAJKISTAN	NA	NA
UKRAINE	NA	Ministry of Interior
UZBEKISTAN	NA	NA
DATA SOURCES	Template 6. Resident population by citizenship and sex (years 2000-2006)	Template 7. Resident population by country of birth and sex (years 2000-2006)
ARMENIA	Census 2001	Census 2001
AZERBAIJAN	NA	NA
BELARUS	Current estimations of population including data on issued stay permits (MOI information)	Census 1999
GEORGIA	Census 2002	Census 2002
KAZAKHSTAN	Census 1999	Census 1999
KYRGYZSTAN	Census 1999 (data for 2000); for 2003-2006 - Household Budgets Survey.	Census 1999 (data for 2000); for 2003-2006 - Household Budgets Survey.
Moldova CSB	Census 2004	Census 2004
Moldova permanent residents PR	Population register , 31/12	Population register , 31/12
Moldova temporary foreign residents PR	Population register , 31/12	Population register , 31/12
RUSSIAN FEDERATION	Census 2002	Census 2002
TAJKISTAN	Census 2000	NA
UKRAINE	Census 2001	Census 2001
UZBEKISTAN	NA	NA

Annex 3 Definitions of place of residence for migrants registration in the selected countries of the CIS*

*The table is based on national legislation of the CIS countries and partly on information provided by the experts form national statistical bodies

Country	Definition of place of residence and place of stay (if applicable)
Armenia	Place of permanent residence is a territory where a person have a right to reside and which is declared as a place of residence. Place of stay: no exact definition, temporary stay is presumed. Time criterion for registration in a place of residence is 3 months for nationals, while the foreigners (except immediate relatives, including siblings) first must gain an <i>ordinary</i> residence permit which is available only after 3 years of residence in Armenia. There are 3 other types of residence permit that is valid for one year and could be extended annually. In case of emigration a person must declare the departure if the period of absence lasts for 6 months and longer.
Azerbaijan	Place of residence – is a house, flat, or an official dwelling apartment, hostel, retirement and invalids home, etc. where a competent person resides for a long period of time as a proprietor or by a rent contract. Place of stay is a place where a person resides temporarily –a hotel, sanatorium, tourist centre, hospital etc. or a dwelling (of his/her own, of a relative, acquaintance, etc.) that is not the place of residence. Registration in a place of stay is obligatory: for nationals if they stay there for 60 days and longer, and for foreigners if a period of stay does not exceed 30 days. Time criterion for registration in a place of residence is not applied for nationals (not identified in available legislation); for foreigners it is equal to 30 days. A foreigner must have a permit for immigration and confirm his or her a right to reside in a certain dwelling space. After registration, a foreigner gains a certificate of registration.
Belarus	Place of residence is a place where a person permanently or predominantly lives as an owner or under the terms of tenancy contract, etc. (house, flat, hostel, sheltered housing, etc.). Time criterion as a rule is not used, however for temporary stay (for the foreigners) it is limited by the visa expiry date or must not exceed 90 days during one year in case if visa is not applied .
Georgia	Place of residence of a person is a place that has been chosen for residence. Minors are registered in the place of residence of their parents or guardians. If a person does not have a dwelling space, he or she is registered without indicating an address (and should visit the registration agency every 6 months). Time criterion - 6 months both for nationals and foreigners. (New legislation on Population Register was adopted in 2004)
Kazakhstan	Place of residence – houses, flats, hostels, hotels, sheltered housing, sanatoriums, hospitals, retirement and invalids home, and official dwelling apartment. Time criterion applied to nationals and foreigners: 6 months of residence.
Kyrgyzstan	Place of permanent residence is a place where a person resides permanently or predominantly, place of stay - a place where a person resides temporarily. Time criterion for registration : in a place of residence – as a rule 6 months for nationals and obligatorily 6 months for foreigners (+ application fro a residence permit); registration in a place of stay: period of stay must exceed 45 days for nationals, 60 days for visa-free foreigners , 90 days for the citizens of the RF and Kazakhstan, but can not exceed 6 months.
Moldova	Place of permanent residence is a place where a person lives permanently. As a rule 6 months criteria is applied for nationals. Foreigners which intend to stay over 90 days must have a residence permit for registration in the Population Register.
Russian Federation	<i>Nationals:</i> place of residence – a place where a person permanently of usually resides being an owner, or under the condition of tenancy contract, etc. – (house, flat, hostel, sheltered housing etc.) Place of stay – is a place where a person resides temporarily – a hotel, a sanatorium, a hospital etc. or any dwelling space that is not a place of permanent residence of a person. <i>Foreigners:</i> place of residence of a foreigner or a stateless person in the RF is a dwelling space at the address of which the person is registered (permanently); place of stay is a dwelling that is not the same as the place of permanent residence, and any dwelling , official apartment or an institution where a foreigner stays or by an address of which the foreigner must be registered (temporarily). Since 2007 a foreigner can be temporarily registered at the address of a company, institution etc. Time criterion is not applied.
Ukraine	Both for nationals and foreigners : place of residence is an administrative territorial unit where a person resides for 6 months and more within a year; place of stay is an administrative territorial unit where a person resides for less than 6 months within a year. One more definition is also used: place of residence is a place where a person permanently or predominantly lives as an owner or under the terms of tenancy contract , etc. (house, flat, hostel, sheltered housing etc.)

Annex 4 Immigrants and emigrants in the countries of origin/destination (Moldova-CSB data)

Table A Immigration in the selected CIS countries, 2000-2006, persons

Country of origin	Armenia	Azerbaijan	Belarus	Kazakhstan	Kyrgyzstan	Moldova CSB	Russia	Tajikistan	Ukraine	Uzbekistan	TOTAL
Armenia		121	1 167	952	26	169	57 278	6	6 446	187	66 352
Azerbaijan	358		1 149	1 657	114	203	46 489	12	5 240	433	55 655
Belarus	77	123		2 120	104	86	47 010	34	9 136	268	58 958
Kazakhstan	95	685	12 960		4 501	151	406 088	217	10 153	12 385	447 235
Kyrgyzstan	19	110	996	16 807		25	87 135	750	1 394	2 530	109 766
Moldova	29	43	2 297	458	25	0	53 208	3	27 708	65	83 836
Russia	5 318	10 843	70 137	139 349	17 434	5 814		6 618	168 351	22 206	446 070
Tajikistan	22	54	639	2 920	3 851	29	43 677		1 675	5 032	57 899
Ukraine	486	1 110	19 097	5 380	306	4 631	252 655	131		1 717	285 513
Uzbekistan	96	676	2 814	200 475	3 279	116	194 601	1 285	21 166	0	424 508
10 COUNTRIES	6 500	13 765	111 256	370 118	29 640	11 224	1 188 141	9 056	251 269	44 823	2 035 792

Table B Emigration from the selected CIS countries, 2000-2006, persons

Direction of emigration	Armenia	Azerbaijan	Belarus	Kazakhstan	Kyrgyzstan	Moldova CSB	Russia	Tajikistan	Ukraine	Uzbekistan	TOTAL
Armenia	0	0	103	125	23	1	7 053	22	553	237	8 117
Azerbaijan	0	0	132	732	219	11	12 808	101	679	863	15 545
Belarus	1 095	718	0	10 547	1 174	1 076	58 319	451	17930	2 549	93 859
Kazakhstan	598	1 030	960	0	24 768	84	97 944	2 264	2699	229 058	359 405
Kyrgyzstan	28	97	37	2 931	0	5	6 963	4 370	177	3 973	18 581
Moldova	126	47	221	349	33	0	8 845	24	5687	161	15 493
Russia	50 311	28 394	45 094	440 085	153 774	21 343	0	57 008	239936	312 053	1 347 998
Tajikistan	8	8	51	341	806	0	5 307	0	108	1 309	7 938
Ukraine	3 153	1 670	6 588	8 477	1 548	12 800	134 637	1 383	0	18 167	188 423
Uzbekistan	110	136	120	6 157	3 861	5	9 550	7 028	860	0	27 827
10 COUNTRIES	55 429	32 100	53 306	469 744	186 206	35 325	341 426	72 651	268 629	568 370	2 083 186

Table C Net migration between the selected CIS countries, 2000-2006, persons

	Armenia	Azerbaijan	Belarus	Kazakhstan	Kyrgyzstan	Moldova	Russia	Tajikistan	Ukraine	Uzbekistan	TOTAL
Armenia	0	121	1 064	827	3	168	50 225	-16	5 893	-50	58 235
Azerbaijan	358	0	1 017	925	-105	192	33 681	-89	4 561	-430	40 110
Belarus	-1 018	-595	0	-8 427	-1 070	-990	-11 309	-417	-8 794	-2 281	-34 901
Kazakhstan	-503	-345	12 000	0	-20 267	67	308 144	-2 047	7 454	-216 673	87 830
Kyrgyzstan	-9	13	959	13 876	0	20	80 172	-3 620	1 217	-1 443	91 185
Moldova CSB	-97	-4	2 076	109	-8	0	44 363	-21	22 021	-96	68 343
Russia	-44 993	-17 551	25 043	-300 736	-136 340	-15 529	0	-50 390	-71 585	-289 847	-901 928
Tajikistan	14	46	588	2 579	3 045	29	38 370	0	1 567	3 723	49 961
Ukraine	-2 667	-560	12 509	-3 097	-1 242	-8 169	118 018	-1 252	0	-16 450	97 090
Uzbekistan	-14	540	2 694	194 318	-582	111	185 051	-5 743	20 306	0	396 681
10 COUNTRIES	-48 929	-18 335	57 950	-99 626	-156 566	-24 101	846 715	-63 595	-17 360	-523 547	-47 394

* Interpretation - in 2000-2006 net migration between Russia and Moldova was equal to -15529 (Central stat. bureau of Moldova) and -16513 (Population Register of Moldova) while the Russian data demonstrated a bigger number: +44363 persons. Therefore, negative net migration to the RF from Moldova was at least 2.7 times more large in number than CSB and Population Register showed.

Table D Coverage 1 (Correlation of data on immigrants provided by the destination country to the data on emigrants provided by the country of origin)

	Armenia	Azerbaijan	Belarus	Kazakhstan	Kyrgyzstan	Moldova	Russia	Tajikistan	Ukraine	Uzbekistan	TOTAL
Armenia			1,07	1,59	0,93	1,34	1,14	0,75	2,04	1,70	1,20
Azerbaijan			1,60	1,61	1,18	4,32	1,64	1,50	3,14	3,18	1,73
Belarus	0,75	0,93		2,21	2,81	0,39	1,04	0,67	1,39	2,23	1,11
Kazakhstan	0,76	0,94	1,23		1,54	0,43	0,92	0,64	1,20	2,01	0,95
Kyrgyzstan	0,83	0,50	0,85	0,68		0,76	0,57	0,93	0,90	0,66	0,59
Moldova CSB	29,00	3,91	2,13	5,45	5,00		2,49		2,16	13,00	2,37
Russia	0,75	0,85	1,20	1,42	2,50	0,66		1,25	1,25	2,33	1,31
Tajikistan	1,00	0,53	1,42	1,29	0,88	1,21	0,77		1,21	0,72	0,80
Ukraine	0,88	1,63	1,07	1,99	1,73	0,81	1,05	1,21		2,00	1,06
Uzbekistan	0,41	0,78	1,10	0,88	0,83	0,72	0,62	0,98	1,17		0,75
10 COUNTRIES	0,80	0,89	1,20	1,03	1,60	0,73	0,92	1,14	1,36	1,62	1,00

Table E Coverage 2 (Correlation of data on emigrants provided by the country of origin to the data on immigrants provided by the country of destination)

	Armenia	Azerbaijan	Belarus	Kazakhstan	Kyrgyzstan	Moldova	Russia	Tajikistan	Ukraine	Uzbekistan	TOTAL
Armenia			0,94	0,63	1,08	0,75	0,88	1,33	0,49	0,59	0,84
Azerbaijan			0,62	0,62	0,85	0,23	0,61	0,67	0,32	0,31	0,58
Belarus	1,34	1,07		0,45	0,36	2,57	0,96	1,50	0,72	0,45	0,90
Kazakhstan	1,32	1,07	0,81		0,65	2,31	1,08	1,57	0,83	0,50	1,05
Kyrgyzstan	1,21	1,99	1,18	1,47		1,32	1,76	1,07	1,11	1,53	1,70
Moldova CSB	0,03	0,26	0,47	0,18	0,20		0,40		0,46	0,08	0,42
Russia	1,33	1,18	0,83	0,70	0,40	1,52		0,80	0,80	0,43	0,77
Tajikistan	1,00	1,87	0,71	0,78	1,13	0,83	1,31		0,83	1,40	1,25
Ukraine	1,14	0,61	0,94	0,50	0,58	1,23	0,95	0,82		0,50	0,94
Uzbekistan	2,47	1,28	0,91	1,14	1,21	1,39	1,60	1,02	0,86		1,34
10 COUNTRIES	1,25	1,13	0,83	0,97	0,63	1,37	1,09	0,88	0,74	0,62	1,00

