

Transactions of Ukrainian refugees in BOP of the Republic of Moldova

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I. Ukraine Refugee Crisis – worldwide overview

The escalation of the international armed conflict in Ukraine in late February 2022 forced people to leave their homes seeking protection and assistance, which caused the largest refugee crisis in Europe since the Second World War and its aftermath.

Over 8,2 million refugees from Ukraine have been recorded across Europe as of 04/04/2023, while a significant share of the population have been displaced within the country.

Over 5,0 million refugees have been registered for Temporary Protection* or similar national protection schemes in Europe as of 04/04/2023. (60%)_{BI}

* May include multiple registrations of the same individual in two or more EU+ countries; incomplete registrations, including refugees who have move beyond Europe.

Source – UNHCR data portal

Refugees from Ukraine recorded by country



Countries featured in the Refugee Response Plan

Country	Data Date	Refugees from Ukraine registered for Temporary Protection or similar national protection schemes	Refugees from Ukraine recorded in country	Border crossings from Ukraine*	Border crossings to Ukraine**
Slovakia	02.04.2023	113.253	113.253	1.281.690	1.015.740
Romania	02.04.2023	125.316	107.706	2.185.338	1.791.599
Republic of Moldova	03.04.2023	Not applicable	106.634	798.223	427.178
Poland	03.04.2023	1.581.148	1.581.148	10.606.537	8.388.808
Lithuania	31.03.2023	76.309	76.309	Not applicable	Not applicable
Latvia	03.04.2023	46.976	32.488	Data not available	Data not available
Hungary	03.04.2023	34.248	34.248	2.448.937	Data not available
Estonia	03.04.2023	44.588	68.930	Data not available	Data not available
Czech Republic	02.04.2023	504.107	504.352	Not applicable	Not applicable
Bulgaria	04.04.2023	155.883	48.974	Not applicable	Not applicable
		2.681.828	2.674.042	17.320.725	



Source – UNHCR data portal



Refugees from Ukraine recorded by country

Other countries neighbouring Ukraine

Country	Data Date	Refugees from Ukraine registered for Temporary Protection or similar national protection schemes	Refugees from Ukraine recorded in country	Border crossings from Ukraine*	Border crossings to Ukraine**
Belarus	28.03.2023	Not applicable	22.168	16.705	Data not available
Russian Federation	03.10.2022	Not applicable	2.852.395	2.852.395	Data not available
Total		Not applicable	2.874.563	2.869.100	Data not available

“Statistics are compiled mainly from data provided by authorities. For statistical purposes, UNHCR uses the term refugees generically, referring to all refugees having left Ukraine due to the international armed conflict. While every effort has been made to ensure that all statistical information is verified, figures represent an estimate, and potential further movements cannot be factored for the time being for all countries”

Source – UNHCR data portal

Refugees recorded in other European countries



Germany
1,06 mill.



United Kingdom
0,20 mill.



Italy
0,17 mill.



Spain
0,17 mill.



France
0,12 mill.

Other European countries

Country	Data Date	Refugees from Ukraine registered for Temporary Protection or similar national protection schemes	Refugees from Ukraine recorded in country
Albania	23.03.2023	28	2.758
Armenia	28.03.2023	Not applicable	553
Austria	20.03.2023	94.984	94.984
Azerbaijan	13.03.2023	Not applicable	5.031
Belgium	03.04.2023	69.557	70.307
Bosnia and Herzegovina	26.03.2023	Not applicable	168
Croatia	20.03.2023	21.352	21.352
Cyprus	12.03.2023	21.842	16.281
Denmark	02.04.2023	39.338	41.419
Finland	27.03.2023	52.790	47.067
France	31.10.2022	118.994	118.994
Georgia	31.01.2023	Not applicable	24.658
Germany	25.03.2023	922.657	1.056.628
Greece	06.12.2022	20.955	20.955
Iceland	28.02.2023	2.674	2.674
Ireland	19.03.2023	78.025	78.462
Italy	17.03.2023	173.213	173.213
Liechtenstein	18.01.2023	536	410
Luxembourg	25.10.2022	6.756	6.756
Malta	19.02.2023	1.744	1.744
Montenegro	03.04.2023	8.298	31.770
Netherlands	10.02.2023	89.730	89.730
North Macedonia	03.04.2023	Not applicable	6.562
Norway	03.04.2023	44.798	44.798
Portugal	26.02.2023	58.242	58.242
Serbia and Kosovo: S/RES/1244 (1999)	03.04.2023	1.286	3.096
Slovenia	02.04.2023	8.990	9.222
Spain	03.04.2023	172.682	172.682
Sweden	30.03.2023	53.755	53.755
Switzerland	31.03.2023	83.428	65.818
Türkiye	26.01.2023	Not applicable	95.874
United Kingdom	28.03.2023	198.700	198.700
Total		2.345.354	2.614.663

Source – UNHCR data portal

Number of refugees recorded in selected countries per 100 residents

	Country	Population as of 1 January 2022*	Refugees from Ukraine recorded in country**	Number of refugees per 100 residents
1	Estonia	1,331,796	68,930	5.2
2	Czech Republic	10,516,707	504,352	4.8
3	Poland	37,654,247	1,581,148	4.2
4	Republic of Moldova	2,603,813	106,634	4.1
5	Lithuania	2,805,998	76,309	2.7
6	Slovakia	5,434,712	113,253	2.1
7	Russian Federation***	146,447,424	2,852,395	1.9
8	Latvia	1,875,757	32,488	1.7
9	Ireland	5,060,005	78,462	1.6
10	Germany	83,237,124	1,056,628	1.3
11	Austria	8,978,929	94,984	1.1
12	Switzerland	8,736,510	65,818	0.8
13	Bulgaria	6,838,937	48,974	0.7
14	Romania	19,038,098	107,706	0.6
15	Netherlands	17,590,672	89,730	0.5
16	Spain	47,432,805	172,682	0.4
17	Hungary	9,689,010	34,248	0.4
18	United Kingdom	67,026,292	198,700	0.3
19	Italy	59,983,122	173,213	0.3
20	Belarus	9,255,524	22,168	0.2
21	France	67,842,582	118,994	0.2
22	Turkiye	84,680,273	95,874	0.1

**Data sources: EUROSTAT, National Bureau of Statistics of the Republic of Moldova, Office for National Statistics of the UK, Federal State Statistics Service of the Russian Federation, National Statistical Committee of the Republic of Belarus*

***In accordance with the most recent data published by the UNHCR*

****As of January 2023*

Number of refugees recorded in selected countries per 100 residents



II Overview of the Ukraine Refugee Situation in the Republic of Moldova



The Government of Moldova (Ministry of Finance, Ministry of Internal Affairs, Ministry of Labor and Social Protection, Ministry of Health, Ministry of Education and Research, Moldovan Border Police) as well as local authorities, UN agencies and INGO/NGOs partners consolidated efforts for the protection of refugees



Households and corporations from the private sector of the Republic of Moldova assume, at the first stage, initiative and a key role in responding to the refugee crisis and have provided substantial assistance in cash and in kind to Ukrainian families crossing the border



Refugees from Ukraine recorded in the Republic of Moldova as of 04/02/2023 accounted to 106.634 peoples



Border crossings to Moldova from Ukraine (since 24 February 2022) as of 04/03/2023 – 798.223



Border crossings to Ukraine (since 28 February 2022) as of 03/19/2023 – 427.178

11.03.2022 02.04.2023

KEY FIGURES



714.972

Ukrainians Arrived from Ukraine Since 24 Feb



Ukrainians 714.972 (89,57%)
Third Country Nationals 83280 (10,43%)

Female 36,30%
Children 26,70%

63,70%

Adults 73,30%

26,70%

INDIVIDUALS REMAINING IN MOLDOVA

100.284

Ukrainian Refugees (Entering from all borders)

81.529

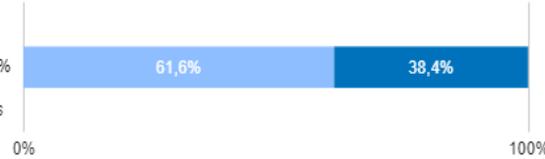
Ukrainian Refugees (Entering only from Ukraine)

6.386

Third-Country Nationals (Entering from Ukraine)

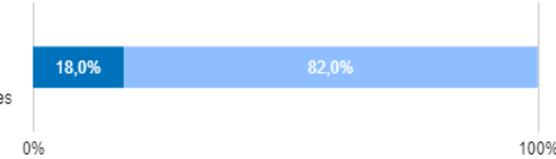
59.609 59,44%

Total UKR Females



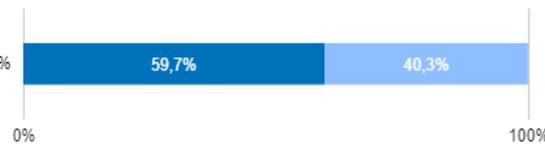
2.385

Total TCN Females



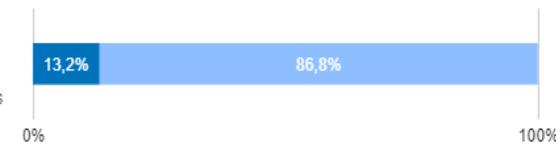
40.675 40,56%

Total UKR Males



4.001

Total TCN Males



● <18 ● 18+

● <18 ● 18+

Data Source: Government of the Republic of Moldova.

For more information, question and feedback, please contact mdachim@unhcr.org

DAILY FIGURES



7.150

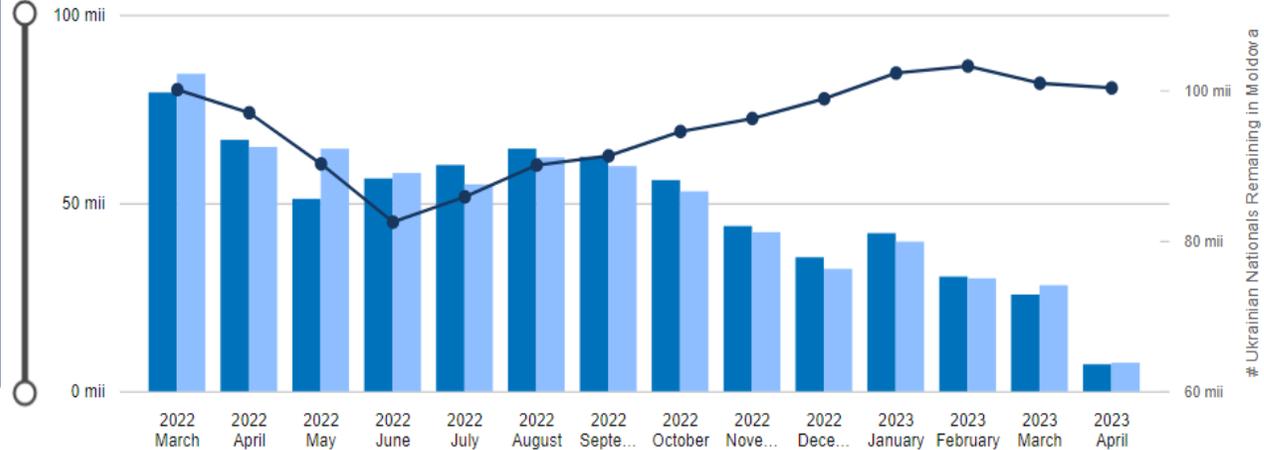
Cumulative Ukrainian Refugees arrived previous calendar week

438.813

Cumulative Departures of Ukrainians to Ukraine

Ukrainian refugees Arriving, Departing and Remaining in Moldova | 11 Mar 2022 to Present

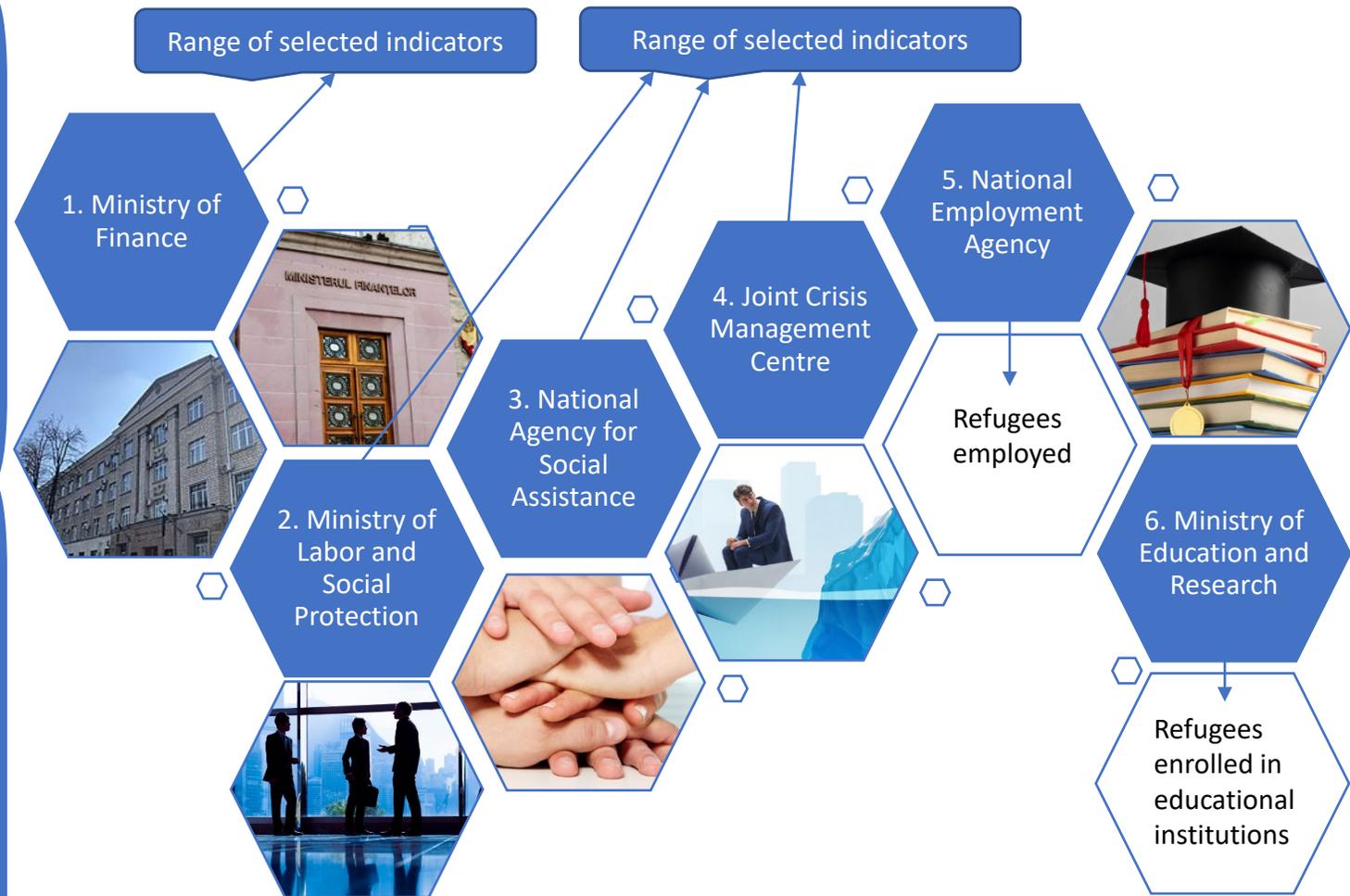
● # Ukrainians Arriving (By road, air etc) ● # Ukrainians Leaving (By road, air etc.) ● # Ukrainian Nationals Remaining in Moldova



III Addressing the refugee crisis compilation challenges for BOP needs

The National Bank of Moldova has launched the first data collection and drafting reports procedures for refugees' expenditure compilation since the beginning of April 2022. The International Accounts Statistics Division (IASD) has elaborated properly designed refugee data collection forms and directly requested information from the following reporters:

However, the direct data reporting from this administrative sources wasn't sustainable. For that reason has developed an estimation model of refugees' expenditure in Moldova, based on data collected from domestic and external publicly available data sources, indirect sources and on cautious compiler's judgment.



Data collection forms are available in attachments

Main data sources and information

The estimation model has been designed to collect data from various sources and is based on a number of assumptions.

Number of Ukrainian refugees arriving, departing and remaining in Moldova

UNHCR's cash assistance to refugees and Moldovan families in the hosting country

Monthly needs monitoring / key figures factsheet:
Average length of stay in the refugee accommodation centers (RACs)

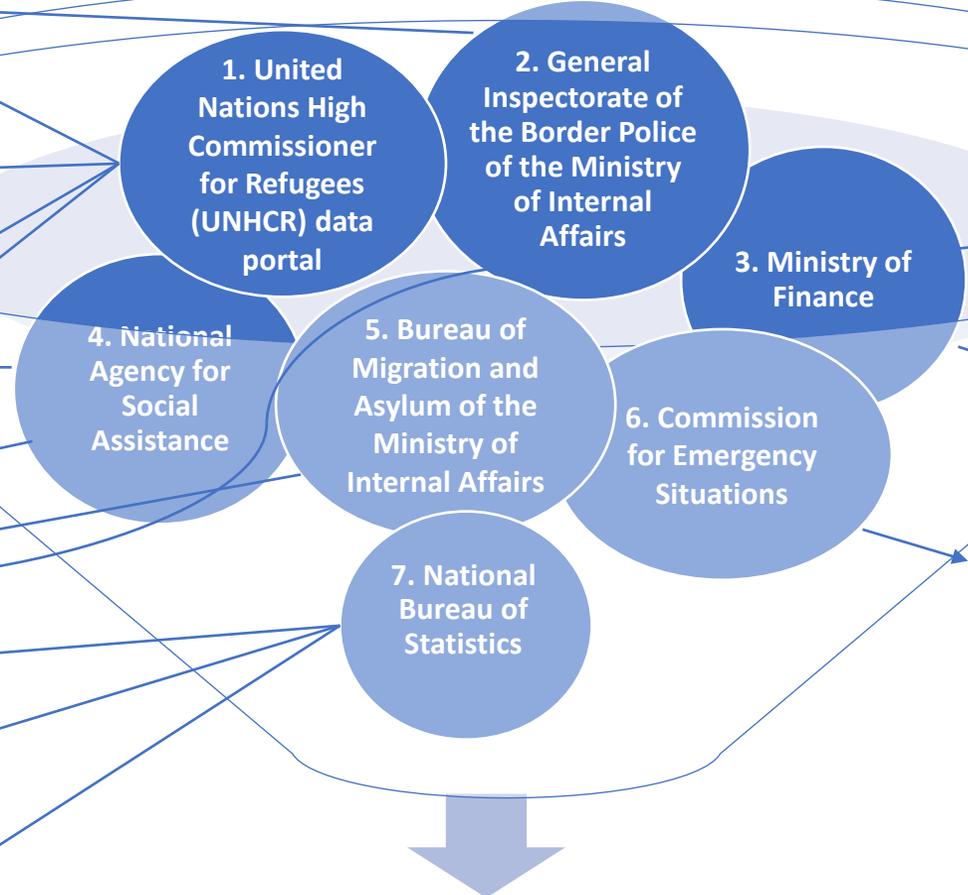
Reported RAC capacity

Number of **applications for asylum**

Report on the activity of travel agencies and tour-operators - **Inbound tourism receipts**

Number of refugee recorded within the collective tourist reception establishments with accommodation facilities

Average length of stay of non-residents within the collective tourist reception establishments with accommodation facilities



Monthly budget execution report on **crisis intervention fund** disbursement for refugee needs in the hosting country

Monthly budget execution report on **government reserve fund** disbursement for refugee needs in the hosting country

Decisions on government **reserve fund disbursement in cash or in kind* to Ukraine for refugee assistance abroad** – Secondary income, DR.
**Humanitarian aid provided abroad to Ukraine primarily derives from customs declarations database.*

Primary data sources on refugee key figures in the Republic of Moldova retrieved by the IASD for compilation of estimates

Overview of refugees related transactions

The model is based on a **combined approach**

1. 3 sources - to cover the refugees' expenditure:

- Resources granted by residents - Step I
- Own resources of refugees – Step II
- External donors – Step III

2. for 3 categories of refugees:

- placed in the refugee accommodation centers (RACs) (3%)
- hosted by individuals (75%)
- placed in collective tourist reception establishments (22%)

3. 2 type of expenses :

- A - initial support
- B - daily average

Step I:

- Estimation of refugee assistance costs in cash and in kind incurred by residents in the hosting country (GG and OS)

Secondary income, current international cooperation, DR.

Step II:

- Estimation of refugees' consumption on their own account in the hosting country

International trade in services, personal travel, exports

Step III:

- Estimation of cash assistance provided to refugees by UNHCR in the hosting country – refugees' consumption in the Republic of Moldova

Model assumptions – types of expenditures

Main expenditures covered by residents in dependence of the length of stay:

*A - The average **one-time emergency support** within the first 24 hours after crossing the border from Ukraine to Moldova (first aid supplies, clothing items, food, local transport, mobile phone cards, etc.). Estimations are applied to the total number of refugees arriving (NRA) in Moldova within the reporting period (e.g., quarterly).*

*B - The **average daily expenditure** within the remaining length of stay (accommodation services, housing, electricity, gas, water, food, clothing, hygiene items, medicines, etc.). Estimations are applied to the number of refugees hosted by individuals at the end of reporting period.*

The estimates depend on the current macroeconomic developments (level of inflation, average consumption of goods and services, labor force indicators and data from press releases on types of assistance costs published by the government).

Model assumptions - General Government costs

Administrative data from the Ministry of Finance (monthly basis):

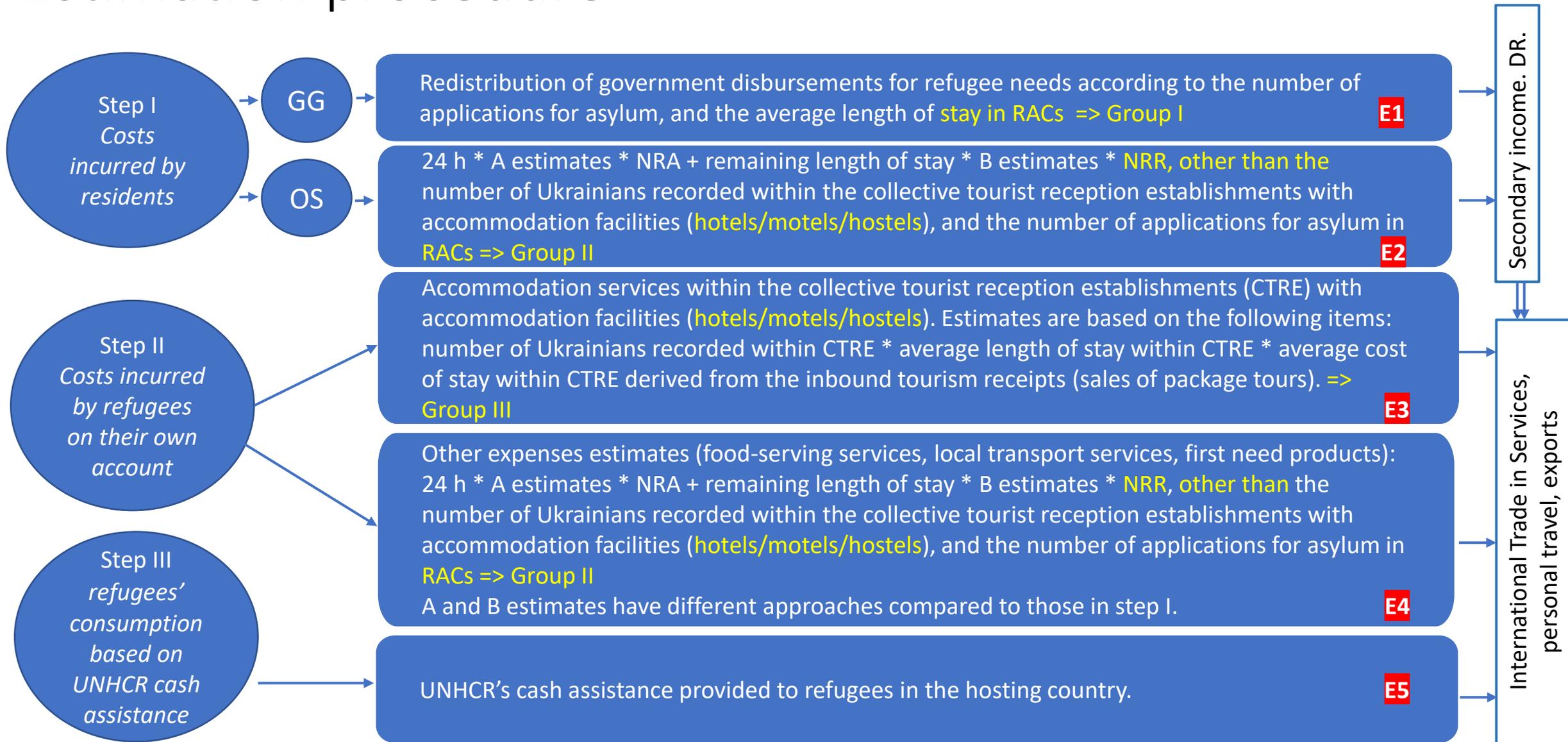
- **Crisis intervention fund** disbursement for refugee needs,
- **Government reserve fund** disbursement for refugee needs.

Government expenses are redistributed for previous periods on a quarterly basis to adjust timing delays in the monthly budget execution, based on:

- number of applications for asylum, total number of placed people
- average length of stay in the refugee accommodation centers (RACs).

Administrative data records on budget execution for refugee crisis management are used since the 2nd quarter of 2022.

Estimation procedure



Technical assistance with Bank of Lithuania, April 2023

Estimated flows in BOP, US\$ mill.

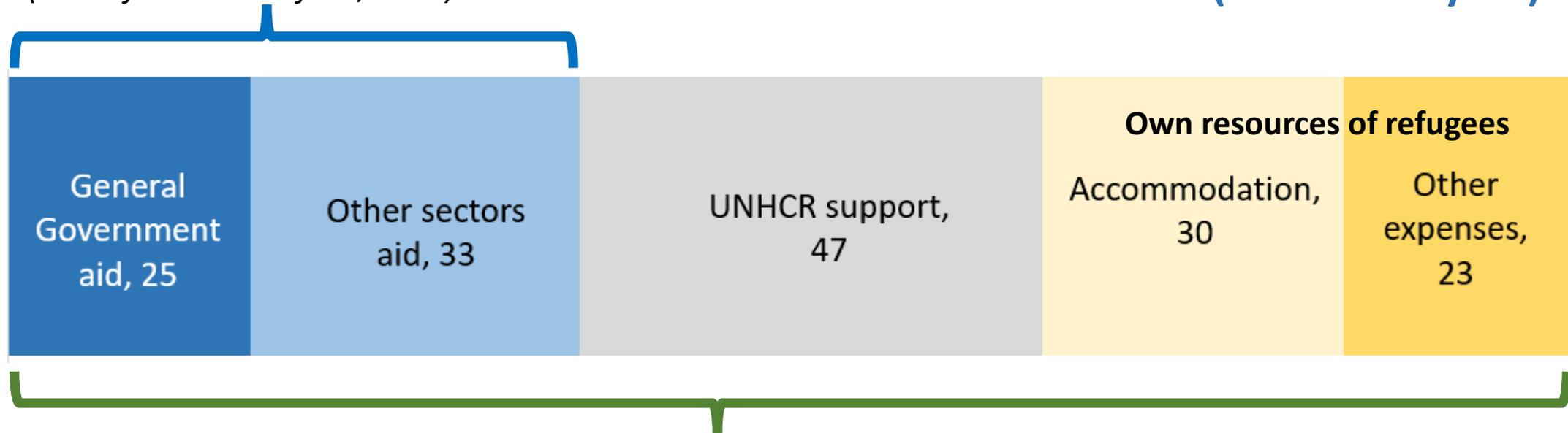
	2022			
	Q1	Q2	Q3	Q4
Secondary income, DR.	18.09	12.57	13.66	13.60
E1 General Government	5.45	5.41	6.86	6.85
E2 Financial corporations, nonfinancial corporations, households, and NPISHs (other sectors)	12.63	7.16	6.80	6.75
Personal travel services, exports	30.92	24.40	26.55	29.49
E1+E2 Secondary income corresponding entry	18.09	12.57	13.66	13.60
E5 Cash assistance provided by UNHCR – refugees' consumption	-	17.38	18.62	10.82
Consumption on refugees' own account	12.83	11.83	12.90	15.89
E3 Accommodation services within CTRE	5.77	7.98	8.70	7.99
E4 Other expenses (food-serving services, local transport services, first need products)	7.07	3.85	4.20	7.90

Source – NBM

Estimated flows in BOP, 2022, US\$ mill.

Secondary income, 58 mil. USD
current international cooperation, Dt
(11% of the total inflow/debit)

**Refugees are treated
 as nonresidents
 (less than 1 year)**



Services, *personal travel*,
 158 mil. USD, *Cr*
(27% of total personal travel export)

Challenges

1. Data on humanitarian aid provided to refugees by residents at the border crossing points were not recorded, although the crisis response of residents was very high.
2. Data collection on refugee was difficult, especially on early stage. Implementation of new reports has failed.
3. A comprehensive refugee expenditure assessment is need for periodical revisions of average costs/spending .
4. Several complex estimation techniques were developed and are continuously revised based on the available data sources (e.g. multiple combinations of expenditures, cross-border data flows, budget disbursements, length of stay etc.), it should be revised, after 1 year.
5. New sources should be developed, covered health and education - related services, compensation of employees, personal transfers of refugees
6. The change in refugee residency after 1 year of stay and possible new flows of refugee, need to be considering.

Source – NBM

Links

- <https://app.powerbi.com/view?r=eyJrljoiZTc3ZGM0YmMtMmY1OC00NmYwLTlmYjctNjFhNTFkNGFIYTYyIiwidCI6ImU1YzM3OTgxLTY2NjQtNDEzNC04YTBjLTY1NDNkMmFmODBiZSIsImMiOjh9> Refugee response in Moldova in 2022
- <https://data.unhcr.org/en/documents/details/97714> Ukraine situation: Moldova: Refugee Coordination Forum Structure
- <https://data.unhcr.org/en/dataviz/247?sv=0&geo=680> Moldova - assessment
- <https://data.unhcr.org/en/situations/ukraine/location/10784> Moldova general overview
- <https://app.powerbi.com/view?r=eyJrljoiZDYzZDhlNzltMzg2MS00ZmYwLTkyODMtNzY5YTA3YjIhYWI1IiwidCI6ImU1YzM3OTgxLTY2NjQtNDEzNC04YTBjLTY1NDNkMmFmODBiZSIsImMiOjh9&fbclid=IwAR2uVSmBkxRxVjUOCQaegT9UZM7TTyvJWXRERYSyycUBYhIsjc-jtePHG8I> Joint Management Crisis, online data portal
- <https://mf.gov.md/ro/content/utilizarea-dona%C8%9Bilor-b%C4%83ne%C8%99ti-pentru-gestionarea-crizei-refugia%C8%9Bilor> Entries on the Ministry of Finance accounts
- <https://data.unhcr.org/en/documents/details/93279>
- <https://mf.gov.md/ro/trezorerie/rapoarte-privind-executarea-bugetului/rapoarte-lunare> Monthly reports on budget execution
- <https://data.unhcr.org/en/dataviz/276?sv=0&geo=680> Refugee response plan in Moldova in 2023

Thank you for attention!

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