

Osnabrück, 15.03.2022

**Edit: An updated version of this paper has been published as [IMIS Working Paper 14/2022](#).**

### Short analysis

#### **The Russian invasion of Ukraine: scope, patterns and future development of displacement**

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*In June 2021, President Putin declared that Ukraine was fundamentally part of Russia's sphere of influence and consequently demanded that it not be integrated into Western alliances, especially NATO. In October 2021, the Russian army amassed on the Ukrainian border, finally, in November, the head of the Russian Security Council threatened the EU with millions of refugees and finally, on 24 February Putin gave orders to invade Ukraine. The attack is not simply an attack of one country but must be understood as a wider Russian attack on Europe and the West. This paper follows from a [short analysis of four scenarios of war and displacement](#) we wrote in December 2021 but which was rejected by most outlets. In the meantime, our worst case scenario has become reality, a full invasion of Ukraine from north, east and south. This paper updates the first paper and examines the potential scale of displacement due to the invasion and some air raids even in the west. The paper is based on an analysis of patterns of displacement in the wake of Russia's first intervention in eastern Ukraine in 2014, the application of these patterns to two possible scenarios of the invasion and accordingly displacement in 2022 and observations made on the ground.*

#### **Pretext**

Already in 2013/2014, in response to a [revolution](#), the toppling of the pro-Russian president Yanukovych and Ukraine's subsequent rapprochement with the West [Russia intervened militarily](#). It supported separatists in Eastern Ukraine and invaded and annexed Crimea in violation of international law. This affected two other provinces, Luhansk and Donetsk, which are heavily industrialized and urbanized and were home to some 6.7 million people. [Fierce fighting ensued](#), which continued in a weaker form until the Russian attack. Much of the industry, the airport and other infrastructure, and many homes were destroyed, also [costing more than 14,000 lives](#) until January 2022.

About one third of the two provinces, including the two provincial capitals, and 60% of the population have since been under the control of pro-Russian and Russian-backed [separatists](#). The conflict directly affected about [59 percent of the population](#) in the occupied parts and the combat zone and indirectly others living close to the conflict zone. Of the total population of about 6.7 million about 4 million people in the occupied territories and combat zones were affected. Of these about [1.6 million people were displaced internally](#), of whom about 200,000 have since returned, leaving [about 1.45 million internally displaced persons](#). Another [550,000 have fled or migrated to Russia](#), some even speak of up to [one million](#); how many of them fled in direct response to the fighting and occupation and how many are more likely to be labour migrants is disputed. To sum up, 2.15 million people in the directly or indirectly affected areas in the two provinces, up to 54 % to

59% of the population, i.e. more than half, have been displaced or have left the area. Crimea, with its 2 million inhabitants, was also affected by the conflict and first occupied and later [annexed](#) by Russia. In this case, however, there was no heavy or protracted fighting, and [only about 50,000](#) of the predominantly Russian population fled the peninsula, a much smaller proportion than in the other two affected provinces, although other sources indicate a larger number. Most of those who fled are those who are negatively affected with the new situation, notably Tatars and Ukrainians, who are [now persecuted by Russia](#). However, only a few of the displaced persons have fled to the EU ([34,400 in 2014/15](#), the refugee recognition rate was only 13.4%), although the migration of workers, students and others has since reached a peak of several million (see below). In any case, these numbers are rather indicative, because the issue is so emotional that numbers can be tendentious.

Russia is pursuing [three interrelated strategic goals](#): regaining control over Ukraine, pushing back Western alliances, especially NATO and generally expanding its influence in Eastern Europe, some analysts also say [restoring the Russian Empire](#), notably bringing Russia, Belarus and Ukraine under one roof. In July 2021, [Putin published an article](#) in which he specifically questions the legitimacy of Ukraine's borders and government and justifies the Russian claim. In October 2021, Russia began deploying its [armies on Ukraine's borders, in neighbouring Belarus](#) to the north, at Black Sea and [a small force](#) in [Transnistria](#) to the southwest, a separatist region of Moldova also supported by Russia.

In November 2021, [Russian Security Council Director and former SFB Director Nikolai Patrushev](#), in one of his rare interviews suggested that "Ukraine can go up in flames at any time, so millions of Ukrainians will seek shelter elsewhere." The covert message to the U.S. and EU has been: give up on Ukraine or else another major 'refugee crisis' will occur. President Putin is well aware of the destabilizing effect of large-scale refugee movements on the EU. It can be assumed that he carefully analysed the impact the 2015 Syrian refugee crisis had on the EU. Already in 2015/2016, Russia played this card when [allowing 40,000 refugees from Russia to enter Norway and Finland](#) to exert political pressure on both countries. And in 2021, Russia tolerated [the policy of Belarus to put pressure on the EU by means of transit migration of 8,000 migrants](#) and refugees from Iraq, Syria, Afghanistan and other countries.

#### Four scenarios of the ongoing invasion

Based on various reports, three rough scenarios can be identified suggesting [possible phases or elements](#) of one and the same attack.

(1a) One goal is the occupation of [a land corridor between Russia and Crimea](#), i.e., the area between separatist Donetsk and Crimea. This involves three provinces, the still government-controlled half of Donetsk with the industrial centre of Mariupol, and the provinces of Zaporizhzhya and Kherson. (1b) Another goal is the attack of Kiev affecting also parts of Zhytomyr and the invasion of the entire area along both sides of the Dnieper River, an option that, according to [Stratfor \(2014\)](#), was already a strategic objective in 2014 and that was still considered a [Russian military target](#) in 2021. An additional [scenario](#) (1c) encompasses the entire southern coast, including the major city of Odessa, all the way to Transnistria. This would bring Russia in direct contact with a NATO member, Romania. On Thursday, 24 February Russia attacked Kharkiv, Kiev, Sumy, Chernigiv and Mariupol to the north and East, took Kherson, and aims at some territory west of the Dnepr river. There are not yet any major attacks on Mykolaiv and Odessa. Russia could thus be cutting Ukraine in two halves, a smaller western part and a larger eastern and southern part.

(2) Whether Russia will then continue invading the western half of Ukraine possibly involving an invasion by the Belarusian army from the north into the Volyn and Rivne provinces is yet unclear.

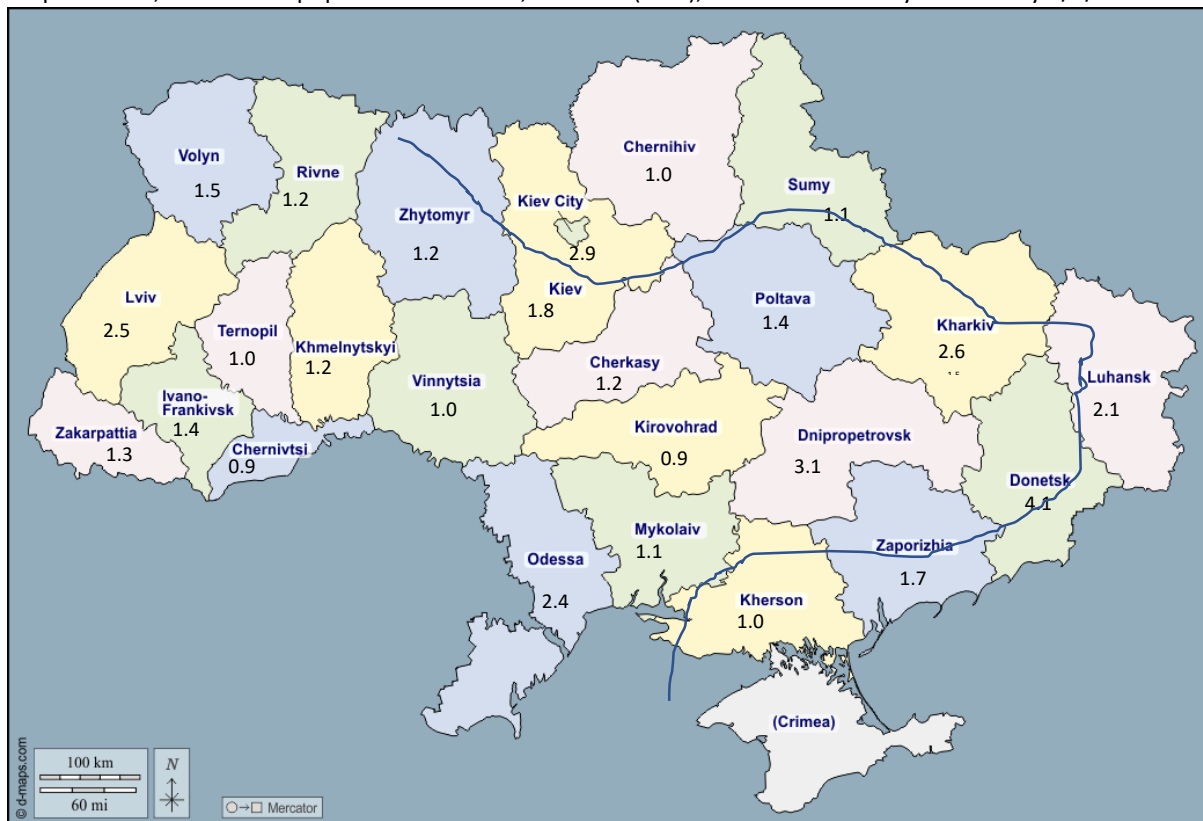
(3) A third scenario could be that the Ukrainian army and territorial forces and volunteers collapse and that all men currently mobilised into the armed forces surrender or flee.

(4) An additional [target could be Moldova](#), a former Soviet republic and now independent country of a remaining population of just under 3 million. Moldova is already divided into a free and a Russian-occupied part, with a mostly pro-Russian population.

### Patterns and scenarios of displacement

This paper addresses the question how these different scenarios of military confrontation affect flight and displacement of the population?<sup>1</sup> Ukraine still has [a population of 37 million](#) without the occupied and annexed territories, and [up to 43 million](#) including the occupied and annexed territories. As has become apparent Russia aims at cutting through the country from Kiev to Kherson. Therefore, we concentrate on scenario 1a, b and c and for the time being neglect scenarios 2, 3 and 4.

Map: Ukraine, oblasts and population in million, rounded (mio.), oblasts affected by invasion by 8/3/2022



Sources: [Dmaps](#), [UKrstat 2021](#)

<sup>1</sup> Methodology: The scenarios of displacement take the population of the oblasts affected or potentially affected by the invasion based on the latest population statistics (calculated as the last census was in 2001). The scenarios are developed by applying the patterns of the 2014 displacement – 54% to 58% of the affected populations fled, 20% to Russia and 80% to other parts of the country – but corrected on the basis of migration restrictions, men are not currently allowed to leave the country, and current observations, only 5.7% flee to Russia. If observations show that a higher percentage flees or that more provinces are affected further corrections will be applied.

- Scenario 1a affects the remaining populations of Donetsk and Luhansk still controlled by the government, [about 2.6 million people](#), including the 450,000 inhabitants of Mariupol, as well as the inhabitants of Zaporizhzhya 1.7 million and Kherson, 1 million people, hence a total of 5.3 million people (all figures are approximate). Scenario 1b affects the additional populations of Kiev, Chernihiv, Sumi, Kharkiv, Dnipro, Poltava, Zaporizhzhya, and Kherson provinces, most parts of Cherkassy and Kirovograd as well as the parts of Luhansk and Donetsk still under government control. Also parts of Zhytomyr are affected (though we have no clear information). The area includes three of the country's largest cities, the financial metropolis of Dnipro with 3.1 million people, the industrial centre of Kharkiv with 2.6 million people and Kiev with 2.9 million inhabitants, and a total population of about 16 million. Under scenario 1c Mykolaiv with its 1.1 million people and Odessa with population 2.4 million would be attacked affecting another 3.5 million people. bringing the total affected population to 22.6 million. About [1.1 million, or including Kyiv up to 1.25 million](#) of those already displaced in the last intervention in 2014 are affected once again.
- Scenario 2 would affect the remainder of the Ukrainian population or 13.3 million people. This is a scenario even harder to imagine as this is the heartland of Ukrainian identity (not suggesting the east is any least Ukrainian).
- Scenario 3 would affect 12 million men, those who survive the war would either be captured or flee.
- Scenario 4 would affect the 2.9 million citizens of Moldova. Though there are few signs yet that this is a realistic option.

To the pattern of displacement described above during the 2014 conflict, i.e., the proportion of displaced people to the population affected by fighting and occupation, between 54% and 59%, we need to apply the current [migration restrictions of men aged 18-60](#), 29% of the total population. Accordingly, 17 million Ukrainians age 18-60+ are women, and 7.4 million are minors; hence, 29.6 million or 71.5% of the population fall into the category of people permitted to migrate. It also now becomes apparent that only 5.74 per cent fled to Russia and not 20 per cent as in 2014. Therefore, we correct our previous scenarios as follows:

Scenario 1a, over 50% of the eligible population of the affected provinces (women, children under 18 and men over 60), or 2.1 million people, could be displaced, of whom about 120,000 could move to Russia and 1.98 million to Ukraine's remaining western provinces or abroad. Under Scenarios 1b up to 6.4 million people could be displaced from the affected provinces (from [Zhytomyr](#) we have so far seen only small numbers of IDPs, 40-80,000), and under scenario 1c another 1.39 could be displaced. Under scenarios 1a, b and c combined, up to 9.89 million people could thus be displaced. Of these up to 568,000 could move to Russia. Another 9.3 million would seek shelter in the uncontested non-occupied part of Ukraine. Also, many of the 1.45 million IDPs from the previous intervention - most of whom have settled in eastern Ukraine - are likely be displaced for a second time.

*Under the most realistic scenario up to 9.9 million Ukrainians could be displaced.*

Ukraine is a multi-ethnic country consisting of [130 minorities](#); apart from Ukrainians and Russians there are Hungarians, Belarusians, Romanians, Slovaks, Tatars, Moldovans, Poles, Roma, Gagause, Hutsul, Bulgarians, Germans and many more. It is equally religiously diverse as there are Ukrainian, Greek, Russian and Armenian Orthodox, Catholics, Protestants, Jews and Muslims. One group that would be particularly affected by a Russian invasion and occupation are [refugees from other states](#). For example, since the 1980s, more than 20,000 [Afghan refugees](#) have been living in Ukraine, most

of them have citizenship and are well integrated. In addition, there are 2,500 to 5,000 [Chechens](#) who would have to fear the Russian state authorities, since 2021 also several thousand or even ten thousand [Belarusians](#) as well as several hundred refugees from the Central Asian republics, e.g. Uzbekistan, and since 2021 also more and more from Russia. Ukraine has been the last comparatively free and safe country for politically persecuted people from the post-Soviet space. A Russian occupation could mean either renewed persecution and [refoulement](#) or renewed flight.

In total, [285,000 foreigners](#) recently hold a residence permit in Ukraine plus a certain number of unregistered meaning irregular immigrants. This includes around 80,000 [international students](#) (Indians, Moroccan, Nigerians are among the largest groups). Another group are labour migrants, mostly highly skilled; 16,000 hold a work permit, the largest group are Turkish nationals. Many of these are also westerners from EU, US and Canada such as business representatives, aid workers, embassy staff, language teachers and others. Finally, there are also traders and business men and women from many parts of the world, China, Vietnam, Nigeria and others.

Ultimately, however, the actual extent of displacement is determined by the [general mobilisation](#) of men aged 18 to 60 into the armed forces, the intensity of the fighting, the duration of the conflict and extent of destruction, the nature and actions of the occupying power, and the impact on the economy and [resilience](#) of the population (see also [here](#)). The case of Donetsk and Luhansk used in developing these scenarios is characterized by a continuation of fighting, the installation of a puppet regime and a degree of [arbitrary rule](#) in the occupied territory, and extensive destruction of industry and infrastructure and thus of the economic base. But people's identity and sense of belonging to Russia or Ukraine also determine their flight behaviour. For example, the sense of belonging to Russia was generally higher among the often Russian-speaking population in eastern Ukraine than in the west (in 2002, still, [only 17.3% of the population described themselves as Russian](#)). However, the recent Russian aggression has already led to [a shift in people's identities](#), who now tend to identify more strongly with Ukraine. The current attack is most likely to alienate even more people from Russia.

### How many Ukrainian and other displaced persons would move to the EU?

From the 2014 conflict and the pattern of forced migration it was not possible to draw conclusions as to how many people might seek protection in the EU. In 2014/15, only [35,500 had sought asylum in the EU](#). At that time there were sufficient domestic flight alternatives, but this would hardly be the case if half the country were occupied. It is therefore unlikely that the rest of [Ukraine, one of the poorest countries in Europe](#), which suffered greatly from the post-1991 transformation and the Russian aggression of 2014, would be able to cope with such a large-scale displacement. Therefore, this time large numbers of people seek to flee further west to the EU. The destination and scale will also be determined by existing transnational linkages.

In 2020, according to Eurostat, there were already around 600,000 [Ukrainian-born people registered in the EU](#), plus [up to 1.3 million in Poland and 250,000 in Germany](#)<sup>2</sup>, an unknown

*Ukraine is integrated well from below with the EU through migration.*

<sup>2</sup> Germany: 331.000 with Ukrainian migration background; of these Ukrainian citizens residing in Germany: 135.000 (older statistics from 2018 were slightly higher, 141.000, but this is not logic because annual net migration is positive, 6.000 annually; Ukrainians with dual nationality (Ukrainian and German), 24.000. It is not clear whether irregular immigrants known to the authorities (Ausreisepflichtige) are included, these are another 13.000. Besides, there are also irregular immigrants not known to the authorities, possible another 10-15.000. And because there is a visa-free entry policy for Ukrainians allowing them to stay legally for 90 out of 180 days / 180 out of 365 days without the need to register themselves as 'residing in Germany' there might well be several 10.000 falling into this category. Therefore, a total of

number in Greece and Ireland, and irregular migrants. They all have family, colleagues and friends in Ukraine. Many had been previously in the EU for work, studies or holiday. Therefore, through migration Ukraine has actually been well integrated from below with the EU. Ukrainians in the EU a [large migration network](#), within which people usually migrate more easily. Moreover, since 2017, [migration to the EU has been visa-free](#) allowing Ukrainians to stay in any EU country for 90 of 180 or 180 of 365 days with a residence permit.

In addition, unlike Syria, Ukraine is a neighbouring country of the EU, only a nine-hour drive from Berlin (900 kilometres), less from Warsaw (4 hours, 400 kilometres) or Budapest (330 kilometres), and therefore easy to reach. The land borders between Ukraine and its neighbouring countries Romania, Hungary, Slovakia and Poland are 1,380 kilometres long and not hermetically sealed, there are no old minefields, no walls, partly old fences and watchtowers on the Ukrainian side, but hardly on the EU side and only a few wide rivers. The proximity to the EU is relevant, because refugees primarily seek protection within their own country and beyond that mainly in neighbouring countries (e.g. Syrians since 2011 in Turkey, Lebanon and Jordan, Afghans since 1979 in Pakistan and Iran, Yugoslavs around 1991 in Austria and Germany, etc.). All this allows Ukrainian refugees to enter the territory of the EU relatively easily and quickly.

### **Current situation: how many people have been displaced internally and internationally and how many more could be expected?**

On average, during the first 18 days of fighting 160,000 Ukrainians left their country, 2.8 million by 13. March (see [UNHCR for daily updates](#)). Of these, so far, more than 60% went to Poland, 9% to Hungary, 7.4% to Slovakia, 7% to Moldova and Romania and 5.7% to Russia (including 50,000 who were evacuated, [not necessarily voluntarily](#), from occupied Donbas to Russia). Whereas arrivals to Poland largely seem to stay there, an NGO representative said that in Slovakia 90% of the arrivals move further west. Also arrivals in Moldova seem to mostly continue to Romania. Various reports suggest that half the population of Kiev, 1.5 million, and Kharkiv, 750,000 have fled suggesting that the other half has stayed; including the men age 18-60. So far, the arrivals are overwhelmingly women with children and some elderly, up to [50% are actually children](#). There are also [reports](#) about unaccompanied minors or even human trafficking; however, so far there is little if any evidence. There is also a certain number of nationals from other countries, EU and non-EU among the displaced persons. From 24/3, men are restricted from leaving the country, because of [martial law and general mobilisation](#) into the army. From 6 March the level of displacement to the EU seems to have decreased slightly. It occurs that displacement from 24/2 to 6/3 was the first wave, a second wave will follow upon attack of Kiev, Dnepro, Odessa and other provinces affecting at least 12,7 million people (minus those who left during the first wave). A third wave would be imminent if Russia also attacks western Ukraine is and a fourth wave would be caused by the collapse of the Ukrainian army and the fleeing of the men. Already the second wave will have biblical proportion displacing an entire nation.

*The first movement consisted of about 3.7 million or more displaced people. The second surge will follow if Kiev, Dnepro and Odessa are attacked or even fall. A Third movement would be caused by an attack on western Ukraine and a fourth surge by the collapse of the Ukrainian army.*

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250,000 is a plausible estimate. sources: <https://mediendienst-integration.de/artikel/wie-viele-ukrainischstaemmige-leben-in-deutschland.html>, [https://www.destatis.de/DE/Presse/Pressemitteilungen/2022/03/PD22\\_N011\\_12.html](https://www.destatis.de/DE/Presse/Pressemitteilungen/2022/03/PD22_N011_12.html)



With regards to internally displaced persons (IDPs) already before 24 February had Ukrainians silently relocated from East to West, the city of Lviv was full with cars with eastern number plates, also all hotels, holiday apartments in town as well in the mountain resorts to the south were fully booked we were told. Further to this, people also retreated to their weekend homes (dachas). During the first movement of displaced persons many men drove the family cars towards the borders. Later, we received eyewitness accounts reporting that men were prevented boarding evacuation trains, as from Kharkiv. Finally, by 13 March, there were about 390,000 registered IDPs only in central and the western provinces. In Lviv alone, numbers rose from 75,000 IDPs on 5 March to 200,000 on 8. March, increasing its population by 25%. The city is “full of people”, a colleague described the situation, but still more arrive every day,  $\frac{3}{4}$  are there to stay and  $\frac{1}{4}$  are in transit, people say. The major [Sadovyi explained](#) “Lviv can’t accept more refugees” and asked for help. Meanwhile, a UN source gives a number of [one million](#) IDPs.

Table: IDPs in Ukraine from current Russian attack. 13/3/2022

Oblast	Number of IDPs	Date	Source
Lviv	200,000	7 March	<a href="#">TSN</a>
Zakarpattia	60,000	7 March	<a href="#">Life net</a>
Kmelnyzkyj	16,000, another 88,000 moved further west	8 March, 13 March	UAVarta <a href="#">UAVarta</a>
Kirovograd	43,000	13 March	<a href="#">UAVarta</a>
Chernivtsi	over 36,000	10 March	<a href="#">UAVarta</a>
Ternopil'ska	15,000	7 March	<a href="#">TV4</a>
Volyn'ska	over 10,000	7 March	<a href="#">Rayon</a>
Frankiv'ska	over 4,000	8 March	<a href="#">Depo</a>
Rivnens'ka	over 4,000	7 March	<a href="#">Gov.ua</a>

In addition, people are escaping from Kharkiv and are evacuated from [Sumi all arriving in Poltava](#) and from [Mariupol to Mykolaiv](#)<sup>3</sup>. A figure of well over 1 million IDPs in the whole of Ukraine is thus realistic.

Some controversy arose over what was understood as [discrimination of people of colour](#) during evacuation, access to transportation and at border crossings to the EU. However, matters were more complex than many commentators suggested. Notably, Ukraine resorted to give preference to vulnerable people (women, children and the elderly) while men age 18-60 were restricted from leaving cities and country. However, because most international students or workers were young men they fell outside of the category of prioritised people; they were thus not simply restricted from boarding trains or cross borders because they were brown or black but because they were male and young. In this controversy where due to limited resources and congestion not all in need could be served an unfortunate controversy arose over who to prioritise, vulnerable people vs Black people. Not recognising the dilemma was very unfortunate.

### How is the situation in Poland, Germany and elsewhere?

So far, during the first 18 days of war Poland has received 1.7 million Ukrainians, it also hosts 1-1.5 million Ukrainian labour migrants, but also students. The [Polish government](#) declares ‘all persons

<sup>3</sup> Humanitarian corridors and evacuations are controversial because they (a) basically hand over cities to the enemy, (2) during evacuation the people are exposed to enemy fire as observed in Srebrenica, Syria and now Ukraine and (c) it requires forces to enforced the evacuation and protect the evacuees but often these are not available (see [here](#))

fleeing from Ukraine ...do not need to register or worry about formalities at reception points. All persons fleeing Ukraine, seeking refuge in Poland, do not need to worry about the legality of their stay. There is also no need to submit any applications at the Office for Foreigners/voivodship offices / Border Guard posts in the coming days'. However, access to [public services and benefits](#) is limited, access to [employment](#) is not yet automatically granted. Ukrainians can travel freely within Schengen, hence from Poland, Slovakia and Hungary (but not Romania which is not in Schengen) to Germany or elsewhere to stay for 90 days without the need to register with the authorities. Polish, Slovak, Hungarian and other train companies offer free rides to Ukrainians, also WizzAir offered 100,000 free tickets to Ukrainians and many car rental or taxi companies provide free rides all facilitating quick local, regional and international transportation. This allows Ukrainians to fairly easily relocate to a city of their wish. During the first couple of days only 1,700 Ukrainian refugees arrived in Germany, during the first week, about 38,000 arrived and on Saturday, 13 March numbers had already risen to over [123,000, or 14,000](#) arrivals on just one day. Most seem to arrive by trains from coming from Warsaw and Krakow in Berlin but [Munich](#) also received 16,000 and [Hamburg](#) 9,000. Many more will have been in the country who are not registered, so a figure of 160,00 to 200,000 is thus more realistic. Once arrived, the authorities issue some provisional residence document preceding the temporary protection status; both include the right to work and social benefits.

The up to 250,000 Ukrainians in Germany represent a migration network which facilitates migration and also potentially host displaced Ukrainians. Furthermore, there are 2.5 million ethnic Germans from the former Soviet Union ([Aussiedler](#)). They are said to be divided in a pro-Russian group, notably the elderly, and a pro-Ukrainian element, rather the younger generation. If members of this group will volunteer, hosting and supporting Ukrainians is to be observed.

From the wend of week 2 displaced Ukrainians also begin arriving in other countries such as Turkey (30,000), Greece (7,000), the Netherlands, Belgium and so on. This is expected to increase in accordance with the existing migration networks in many countries.

### **How does this crisis compare with other crises?**

For 30 years, Ukrainians have been realising some European integration from below through migration. Before the war there were already about 2 million Ukrainians in the EU. Key destinations for labour migration were Germany, Portugal, Spain, Italy and Greece and later also Poland. The Russian invasion of Ukraine triggered the fastest large-scale displacement in Europe since WWII and one of the fastest worldwide. In comparison, in Ukraine within 8 days of war more people were displaced than in and from Syria during the first 365 days (170,000 refugees and 1.2 million IDPs) and more people were displaced within the first 12 days than during the first two years in and from Syria. In [former Yugoslavia](#), 1991 to 1998, 3.7 to 4 million were displaced of whom around 800,000 thousand people escaped to the EU, mostly Germany, but also Austria and Switzerland. By 2018, there were still 310,000 IDPs. From 2011 to 2022, Turkey, and second Lebanon and Jordan have been the main host countries though onward migration of around 1 million people was significant, irregular, dramatic and chaotic. This time, EU countries, first and foremost Poland are prime destination countries; so far, onward migration is limited, regular and smooth. The three major displacements of the past decades, Afghanistan, Syria and now Ukraine are all partly driven by Russian aggression.



## Concluding remarks

The war is a [war not simply on one country, Ukraine, but on Europe](#), its freedoms, democracy and values as many commentators suggest. Russia attacks Ukraine because it is adopting western values, for [being European](#) and for [aspires to become member of the EU](#). Notably, the [leader of the Russian Orthodox church](#) justifies the war as aiming at the evil west. Therefore, this war is different from the wars in Syria, Afghanistan, Yemen, Georgia and other recent conflicts and triggers different responses.

The Russian forces invading Ukraine have already unleashed [indiscriminate bombing](#) of cities, towns and residential areas and civilian structures. Apartment blocks, houses, schools, and universities, hospitals, kindergartens and museums, as well as power stations, water supply, heating pipes, dams, bridges and roads are being destroyed. [Half of Ukraine](#) came under intense attack from Russia aiming at least at 2/3 of the country including most major cities such as Kiev, Kharkiv, Chernigiv, Sumi, Mariupol and possible Odessa. Several towns and villages are already completely destroyed (e.g. [Volnovakha](#), [Borodyanka](#), [Irpın](#), [Demidov](#), [Byshiv](#) and others). Therefore, the scope of displacement is even higher than what we initially feared. By 13 March, about 18 million people are already affected by the war; probably around 4 million, possibly more have already been displaced and the first almost three million have already arrived in the EU. The key patterns observed are that:

- Many more displaced Ukrainians seek protection in the EU than we had [initially anticipated](#);
- men age 18-60 stay put, due to the general mobilisation;
- at the beginning of the first surge people fled before being affected by the fighting but from the beginning of week two more people fled from direct fighting and bombing; since, more and more of the displaced are traumatised;
- half the population of the besieged cities stay, the other half flees;
- families are usually separated, men stay while women and children leave;
- some of the elderly stay put, whilst others flee;
- the overwhelming majority of displaced persons are (younger) women and children, up to 90 per cent;
- one third to half of the displaced persons are children;
- some of over 60s fleeing take with them their grand-children whilst their parents stay;
- from the first country of arrival, notably, Poland, Slovakia, Moldova and Romania the displaced persons begin relocating to other countries west and south including Turkey;
- it is not yet certain for how long Ukrainians will require international protection, anecdotal evidence suggests that they plan for two, three months but that depends on the type of occupation, peace, level of destruction and number of IDPs.

The invasion is resulting in the fastest growing crisis of displacement since World War II in Europa. The predecessor to this paper was initially meant to be a [thought experiment \("what if"\)](#); unfortunately, the Russian attack have rendered our warning partly obsolete. Since developing our scenarios, our worst-case Scenario 4 has become reality. Our paper is based on an analysis of a precedent-case, the intervention of Russia in Ukraine in 2014 and analysis of current trends; it is not, however, intended as a prediction. We still consider it useful to alert the reader to the potential scope of displacement due to the ongoing war in Ukraine.

So far, EU, national governments and civil society responded swiftly, humanely and adequate. Borders are kept open to all displaced persons, Ukrainians and third-country nationals alike, on 7 March the EU 2000 temporary protection directive came into force providing Ukrainians and permanently residing third country nationals in Ukraine including recognised refugees with a 12-

month permit in Germany and any other EU country (other third country nationals are granted a 15-day permit or kind of transit visa to arrange their return home). Free transportation within Ukraine and within and from Poland and Germany is granted. However, Poland [might not have sufficient capacity](#) to handle a large number of refugees for a long period of time. Other than the German minister for the interior suggests, Poland should not be considered the Turkey within the EU meaning to shoulder the hosting of most Ukrainian displaced persons.

Policy implications are to do all that is necessary and feasible to halt the Russian invasion, provide supplies to Ukraine (first aid kits, medical supplies, food, non-food items), facilitate smooth migration within Ukraine and to the EU, implement the EU temporary protection directive in a generous fashion, provide rapid material and financial support and knowhow to the first countries of arrival, considered relocation if becoming necessary, offer direct advice and support to host communities.

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**An updated version of this paper has been published as [IMIS Working Paper 14/2022](#).**