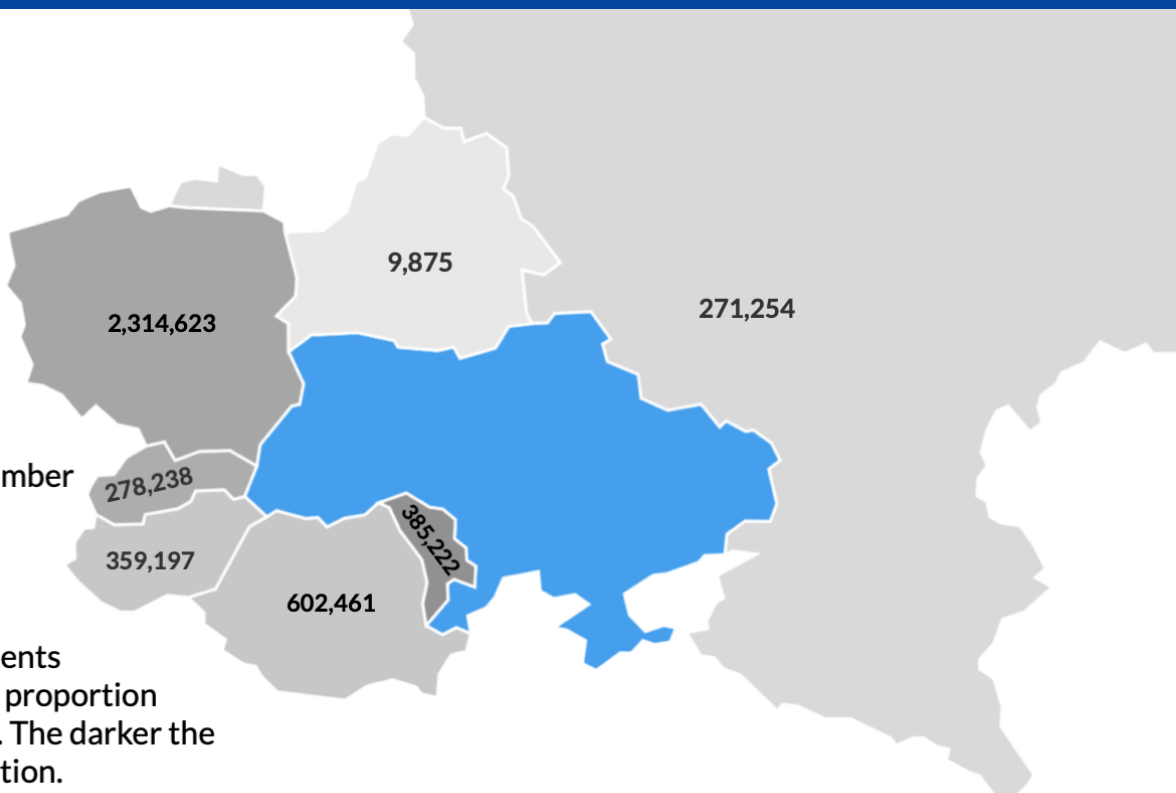


THE CIVILIAN COST OF THE RUSSIAN INVASION OF UKRAINE

REFUGEES

This map tracks the border crossings of Ukrainian refugees since February 24, 2022. Since some refugees traveled through multiple countries on the way to their final destination, the sum of the figures exceeds the total number of Ukrainian refugees: **3,901,713**.

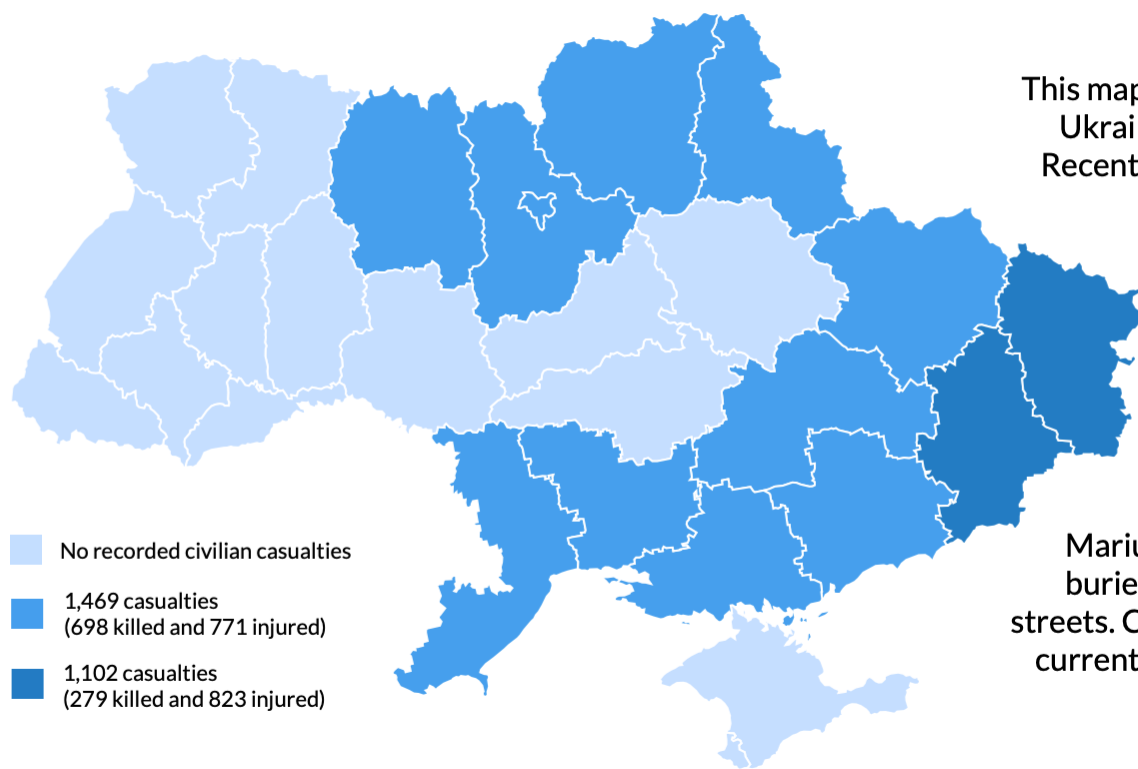
The shading of each neighboring country represents refugee border crossings in proportion to the country's population. The darker the color, the higher the proportion.



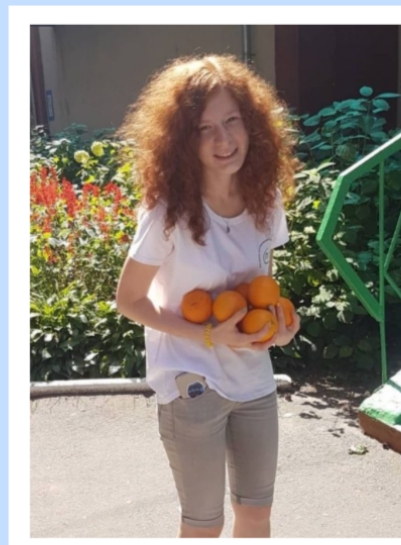
After a week-long journey on by bus, by train, and on foot, **Valentina** and her eight-year-old daughter arrived in Poland on March 5 along with her sister and two-month-old nephew **Andrii** (pictured left). A kindergarten teacher from Kharkiv, Valentina now temporarily resides in a large sports hall in the Polish border town of Medyka. After hearing explosions during the first days of the conflict, the family quickly gathered some essentials and left their home, making the last part of the journey on foot in the biting cold. "Now we have made it," Valentina says, "but I can't be happy even though I hold our future in my hands, and he smiles at me all day." Like millions of Ukrainian refugees, she never expected to flee in fear for her life. Regardless, she remains hopeful: "He is a refugee now, but he won't stay one. We'll look after him now. And when he is big and strong, he will rebuild our country."

CASUALTIES

This map tracks civilian casualties in Ukraine since February 24, 2022. Recent civilian casualty figures are not disaggregated by oblast and are likely too low. Reporting from some locations with intense hostilities has been delayed; other reports await corroboration. Among these locations are the heavily besieged city of Mariupol, whose dead have been buried in mass graves and on city streets. Confirmed civilian casualties currently number **2,571**: 977 killed and 1,594 injured.



21-year-old **Yulia Zdanovska** was a graduate of the National University of Kyiv, a silver medalist at the 2017 European Women's Mathematical Olympiads, and a teacher for the "Teach for Ukraine" program. She also formed part of a team of Ukrainian schoolgirls from Kyiv and Kharkiv who took first place in the European Girls' Mathematical Olympiad in 2017. Confronted with the threat of the Russian invasion, Yulia chose to remain in Ukraine to work as a volunteer. She died in a fire caused by a missile fired by the Russian military as she helped to deliver humanitarian supplies. The missile hit a residential area in the eastern city of Kharkiv. She is remembered as a "brilliant young mathematician with a successful future ahead of her."



Data Sources: UN High Commissioner for Refugees, UN High Commissioner for Human Rights

Story Sources: UN High Commissioner for Refugees, International Mathematical Union Committee for Women in Mathematics