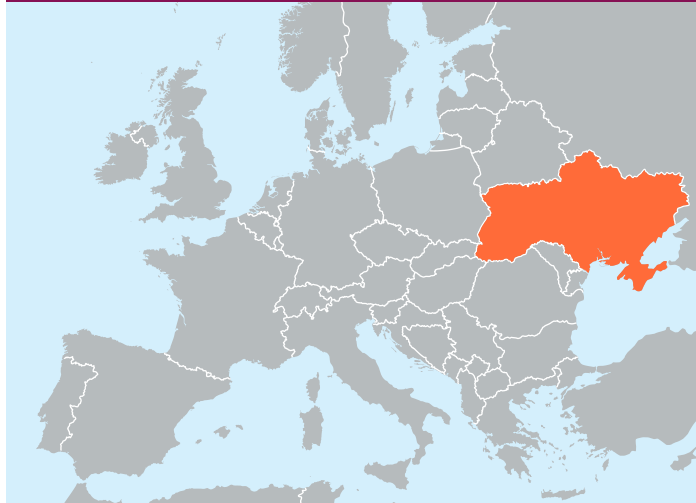


Ukraine Fact Sheet

SEVA'S WORK AT A GLANCE: In country since 2017 | Partners: 2



Country Overview

- » Ukraine spans 233,062 square miles
- » Population: 38 million people
- » 2023-2024 Human Development Index Ranking: 100 of 193 countries¹

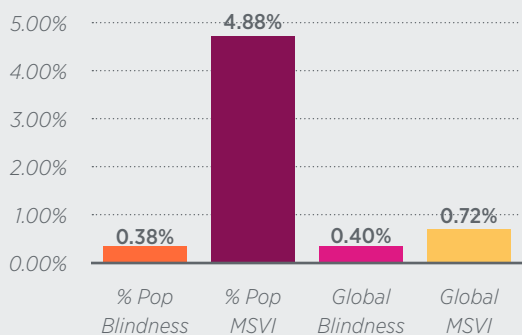
Scope of Eye Care Needs²

- » 0.38% of Ukraine's population is blind, as compared to 0.19% in the United States
- » 4.88% of the population has moderate to severe vision impairment or MSVI, as compared to 2.02% in the United States
- » 0.40% of global blindness
- » 0.72% of global MSVI

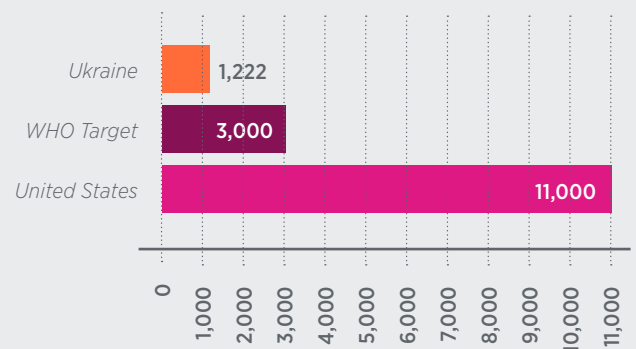
Nationwide Eye Care Response

- » Ukraine's Cataract Surgical Rate (CSR) was 1,222 surgeries per million in 2006, as compared to the US CSR of 11,000.
- » 66.3 ophthalmologists per million people in 2015 (2,973 total)
- » No data is currently available for optometrists and allied ophthalmic personnel

EYE CARE NEEDS



CATARACT SURGICAL RATE PER MILLION PEOPLE



¹ UNDP (United Nations Development Programme). 2024. Human Development Report 2023-24: Breaking the gridlock: Reimagining cooperation in a polarized world. New York.

² Unless otherwise noted, all country sight statistics from IAPB Vision Atlas: <https://www.iapb.org/learn/vision-atlas/>

Seva's Approach in Ukraine

Ukraine has the second largest HIV/AIDS epidemic in Eastern Europe and Central Asia. Since the start of the war, the number of people living with HIV has increased and opportunistic infections have also increased given the challenges with the supply chain for ART medication. With HIV infection comes the possibility of CMV retinitis, which can cause blindness if left untreated. Seva is addressing this issue by providing training to AIDS clinicians and ophthalmologists on how to diagnose and treat CMV retinitis. Seva continues to work with the doctors as they screen for CMV Retinitis and treat patients. We currently collaborate with three infectious disease hospitals. We have also piloted Seva's Pristine 5.0 camera with two of the hospitals.

Seva began working with another partner to mitigate and prevent Retinopathy of Prematurity (ROP), the leading cause of blindness for babies in Ukraine. Our partner is working to create a referral network with hospitals surrounding Kyiv that provide care to babies born prematurely. This builds on our success to create a center of excellence to treat ROP at the Filatov Institute of Eye Diseases and Tissue Therapy in Odessa, Ukraine by augmenting an established institution with additional equipment, training, financial support and access to specialized expertise.

Despite extensive delays due to the fighting and supply chain issues, Seva and our partner were able to deliver crucial equipment that allows these hospitals to better diagnose babies with ROP.

Impact of the war in Ukraine³

Fighting and hostilities continue in Ukraine since the war escalated in February 2022 directly impacting more than 11 million people and affecting the entire country. Despite the ongoing conflict, Seva's partners have continued to provide care as they are able, screening newborn babies for ROP and examining the eyes of people living with HIV and AIDS for sight and life-threatening diseases.

EYE CARE PERSONNEL

66.3



Ophthalmologists per million people

= 1 million people

SPOTLIGHT ON REACHING CHILDREN

Aivazovi Lev was born preterm at 27 weeks gestation and at four weeks of age he had severe respiratory distress syndrome. His parents feared that Retinopathy of prematurity (ROP) would cause permanent blindness. At eight weeks old Aivazovi was screened at Filatov Eye Institute in Odessa, Ukraine. From his screening it was identified that indeed ROP had developed to zone 1 ROP (severe type) which has a high risk of causing permanent and lifelong blindness. Aivazovi had laser surgery which resulted in the resolution of the retinopathy of prematurity. From his post operative exams, it was determined that he will be able to have functionally useful vision and engage in most normal activities as a result of the laser treatment.

³ UNOCHA: <https://reports.unocha.org/en/country/ukraine>

UKRAINE FACT SHEET

IMPACT (FY 2023-2024)*

239

People receiving services

204

Children Screened

2

Children receiving surgery

Resources:

[Seva's Work to Prevent Avoidable Blindness in Ukraine](#)

[An Overview of the Evolving ROP Epidemic](#)

* Numbers based on reports received

