Ukrainian Health Profile and Screening Guidance: **ADULTS**

- Since 2010, more than 6,500 Ukrainians have resettled in local communities in Washington (WA) State through the U.S. Refugee Admissions Program.
- The Washington State Department of Health Refugee and Immigrant Health Program developed a summary of health outcomes observed among refugees from Ukraine who resettled to Washington state from 10/1/15 to 9/30/21. This profile summarizes adult health outcomes based on the medical exam refugees receive within 30 to 90 days of arrival in the U.S.
- The information is intended to support clinicians caring for Ukrainian communities and to ensure that individuals receive appropriate screening and follow-up care.
- Risk factors and health needs may differ for individuals arriving since the start of the 2022 Russo-Ukraine war.

### Demographics

| Adults 18 years or older comprised 60% of the 5,584 people from Ukraine who received a health screening | Majority are young adults and families. However, 4% of individuals were ≥65 years old | 68% spoke Ukrainian and 31% spoke Russian |

### Emotional Wellness

**Actions:**
- Screen for emotional wellness using the Refugee Health Screener 15 (RHS-15) per [Pathways to Wellness guidelines](https://www.pathways2wellness.org) or another tool.
- Refer for follow-up based on screening exam findings using the CDC referral best practices cited below.

**CDC Guidance:** Emotional Wellness Screening

**Resources:**
- [Psychological First Aid Webinar](https://www.pathways2wellness.org): Provides cultural and contextual factors related to Ukraine, as well as the fundamentals of Psychological First Aid
- [EthnoMed Health and Behavioral Health Resources for Ukrainians](https://www.ethnomed.org)

### Immunizations

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>% up-to-date* at arrival</th>
<th>% up-to-date post-arrival as of 5/5/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measles, Mumps, Rubella</td>
<td>73%</td>
<td></td>
</tr>
<tr>
<td>Varicella</td>
<td>87%</td>
<td></td>
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<tr>
<td>Tdap</td>
<td>8%</td>
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<tr>
<td>COVID-19</td>
<td>9%</td>
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</tr>
</tbody>
</table>

*includes serologic evidence of immunity to measles, mumps, rubella, and varicella.

**Actions:**
- Evaluate overseas immunization records to assess needed updates for all adults. Enter historic and domestic vaccine doses into the [WAIIS](https://www.wa.gov/heath/WAIIS).
- Counsel patients about vaccines and allow time for questions.
- Initiate or complete vaccinations per [ACIP guidelines](https://www.cdc.gov/vaccines/hcp/acip-recs/index.html).
- Offer COVID-19 vaccination to all eligible individuals.

**CDC Guidance:** Evaluating and Updating Immunizations

**Resources to support immunization counseling:**
- [e-Course: Fostering COVID-19 Vaccine Confidence in Russian and Ukrainian Speaking Communities](https://www.cdc.gov/vaccines/education/vaccines-how-to/e-course.html)
- [Discussion Guide: Building Confidence in COVID-19 Vaccines for Refugees and Immigrants](https://www.cdc.gov/vaccines/education/vaccines-how-to/dg.html)
- [Ukrainian and Russian Community Vaccine Outreach Toolkit](https://www.cdc.gov/vaccines/education/vaccines-how-to/toolkit.html)
- [WA DOH COVID-19 Vaccine Patient Resources](https://www.doh.wa.gov/PatientResources/default.htm) [English](https://www.doh.wa.gov/PatientResources/default.htm)? [Ukrainian](https://www.doh.wa.gov/PatientResources/default.htm)? [Russian](https://www.doh.wa.gov/PatientResources/default.htm)?

**Washington State Adult Vaccine Program (AVC):** provides vaccine to participating provider locations for adults ≥19 old who are uninsured or underinsured. Clinics providing VFC and AVC vaccine can be found on this [vaccine map](https://www.wa.gov/heath/).
Ukrainian Health Profile and Screening Guidance: Adults

### Tuberculosis (TB)

**Up to 36% individuals had a positive TB screening test (IGRA)**

<table>
<thead>
<tr>
<th>Age group (years)</th>
<th>8%</th>
<th>14%</th>
<th>20%</th>
<th>36%</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 to 34</td>
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<tr>
<td>35 to 49</td>
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<tr>
<td>50 to 64</td>
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<tr>
<td>65+</td>
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</tbody>
</table>

Actions:
- Evaluate for TB disease, including interrupted treatment for TB disease, recent known exposure to TB, and current signs/symptoms of TB disease.
- Perform chest x-ray and sputum testing as indicated to rule out active TB. In 2020, approximately 30% of TB cases in Ukraine were treated for multidrug resistant (MDR-TB) or rifampin resistant TB (RR-TB). If TB disease is suspected or TB treatment was interrupted, consult your local TB program for assistance.
- Recommended TB screening for adults is chest x-ray and interferon gamma release assay (IGRA) test. Individuals with diagnosed latent TB should be prioritized for treatment using a regimen recommended by WA Department of Health as indicated.

CDC Guidance: [Screening and Management: TB Infection and Disease](https://www.cdc.gov/tb/topic/screening.html)

Resources:
- Southeastern National TB Center: [Ukrainian Cultural Quick Reference Guide](https://www.senationaltbc.org/)
- [Patient Education Handouts](https://www.senationaltbc.org/)
- [MA Department of Public Health TB Resources](https://www.mass.gov/departments-agencies/ma-department-of-public-health/tuberculosis)

### Hepatitis B Infection and Immunity

**1.4% had chronic hepatitis B infection**

A significantly higher proportion of adults ≥35 years old were infected, 2.2%, compared to adults 18-34 years old, 0.8%

**76% Susceptible to infection**

Actions:
- Test for hepatitis B surface antigen, regardless of vaccine history. Consider anti-HBc and anti-HBs testing to learn immune status.
- Test women who are susceptible during each pregnancy.
- Refer persons with hepatitis B infection to follow-up care and hepatitis D testing, and notify the local health department of positive results.
- Initiate or complete hepatitis B vaccination series per ACIP guidelines.
- Positive anti-HBs is not considered protective if the full series is not documented and the person has no history of prior infection.

CDC Guidance:
- [Hepatitis B Screening and Vaccination](https://www.cdc.gov/hepatitis/HBV/HBVvaccine.htm)
- [Serologic Results Interpretation](https://www.cdc.gov/hepatitis/HBV/HBVvaccine.htm)

### Hepatitis C Infection

**1.4% had chronic hepatitis C infection**

A significantly higher proportion of adults ≥35 years old were infected, 2.4%, compared to younger adults 18-34 years old, 0.5%

Actions:
- Screen all adults for HCV, including pregnant women each pregnancy.
- People with a positive HCV antibody test should be tested for HCV RNA.
- For people with chronic infection, offer or refer the patient for treatment and report cases to local health department.

CDC Guidance: [Screening for Viral Hepatitis](https://www.cdc.gov/hepatitis/HCV/HCVscreen.htm)

Patient Resources:
- [Russian](https://www.mass.gov/departments-agencies/ma-department-of-public-health/viral-hepatitis-russian)
Ukrainian Health Profile and Screening Guidance: Adults

**HIV and STIs**

- **0 to <1%**
  - were infected with HIV, gonorrhea, syphilis or chlamydia

**ACTIONS:**
- Screen all adults for HIV.
- If no overseas results are available, screen for STIs including gonorrhea, syphilis and chlamydia.

**CDC Guidance:** [Sexual and Reproductive Health Screening](#)

**Dental, Vision, and Hearing**

- **Hearing Concern** 7%
- **Vision Concern** 30%
- **Dental Concern** 18%

**ACTIONS:**
- Evaluate for vision impairment, hearing impairment, and dental issues.
- Appropriate referral should be provided as indicated.

**CDC Guidance:** [Health History and Physical Examination](#)

**Resource:** [DentistLink Connect with a Washington State Dentist for Dental Care](#)

**Pregnancy, Lactation and Blood Lead Levels**

- **7.8%** of women were pregnant at arrival
- **0%** of pregnant women had an elevated blood lead level

**ACTIONS:**
- Screen for pregnancy among persons of childbearing age.
- Test for blood lead levels among pregnant and lactating persons. Conduct management per CDC guidance.

**CDC Guidance:**
- [Screening for Lead](#)
- [Sexual and Reproductive Health Screening](#)

**Resources:**
- [WIC, WIC translated resources](#)
- [Supplemental Nutrition Program](#)
- [Guidelines for the Identification and Management of Lead Exposure in Pregnant and Lactating Women](#)

**Medical Interpretation**

- Medical interpreters should be used for any patient with limited English proficiency.

**Legal Requirements and Health**

- Persons admitted through the Uniting for Ukraine program need to submit attestations for completing vaccinations and TB screening.

**WA Notifiable Conditions Reporting**

- Report [Notifiable Conditions](#) to your local health jurisdiction in accordance with [WAC 246-101](#).
To request this document in another format, call 1-800-525-0127. Deaf or hard of hearing customers, please call 711 (Washington Relay) or email doh.information@doh.wa.gov.

For more information:
www.doh.wa.gov\refugeehealth

Refugee and Immigrant Health Program
Office of Communicable Disease Epidemiology
Center for Disease Control and Health Statistics