Ukrainian Health Profile and Screening Guidance:

**PEDIATRICS**

- 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 pediatric health outcomes from 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**

- 40% of the 5,584 arrivals from Ukraine who received a health screening <18 years old
- 27% were school aged
- 73% spoke Ukrainian and 26% spoke Russian
- 49% were female

**Emotional Wellness**

**Actions:**
- Review overseas records for documentation of any mental health-related medical history and ask directly about symptomology, functionality, and suicidal ideation as part of an integrated history and physical examination, helping to minimize stigmatization.
- Screen for emotional wellness using the Refugee Health Screener 15 (RHS-15) per *Pathways to Wellness* guidelines for children ages 14 and older or another age-appropriate tool.
- Refer for follow-up based on screening exam findings using CDC referral best practices cited below.

**CDC Guidance:** Mental Health Screening, specifically *Pediatrics*

**Resources:**
- Psychological First Aid Webinar: 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

**Immunizations**

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>% up-to-date at arrival</th>
<th>% up-to-date as of 5/5/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measles, Mumps, Rubella</td>
<td>75%</td>
<td></td>
</tr>
<tr>
<td>Varicella</td>
<td>56%</td>
<td></td>
</tr>
<tr>
<td>Poliovirus</td>
<td>53%</td>
<td></td>
</tr>
<tr>
<td>Hepatitis B</td>
<td>45%</td>
<td></td>
</tr>
<tr>
<td>DTaP/Tdap (13-17y)</td>
<td>23%</td>
<td>0%</td>
</tr>
<tr>
<td>Meningococcal (13-17y)</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>HPV (13-17y)</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>COVID-19 (5 to 17y)</td>
<td>2%</td>
<td></td>
</tr>
</tbody>
</table>

**Actions:**
- Review medical history and vaccination records as available.
- Assess any need for laboratory confirmation of immunity.
- Enter historic and domestic vaccine doses into the *WAIS*.
- Determine the vaccines the child needs based on their age, records, and documented immunity.
- Counsel parents on vaccines and allow time for questions.
- Initiate or complete vaccinations per *ACIP* guidelines.
- Offer COVID-19 vaccination to all eligible individuals.

**CDC Guidance:** Evaluating and Updating Immunizations

**Resources to support immunization counseling:**
- WA State School Entry Requirements [English Ukrainian Russian](https://www.doh.wa.gov)
- Plain Talk about Childhood Immunizations [English Ukrainian Russian](https://www.cdc.gov)
- Building Confidence in COVID-19 Vaccines for Refugees and Immigrants [Discussion Guide](https://www.cdc.gov)
- Ukrainian and Russian Community Vaccine Outreach Toolkit
- WA DOH COVID-19 Vaccine Patient Resources [English Ukrainian Russian](https://www.doh.wa.gov)
# Tuberculosis (TB)

**1.7% of pediatric arrivals to WA had a positive TB screening test (IGRA or TST)**

**Actions:**
- Evaluate for TB disease, including interrupted treatment for TB disease, recent known exposure to TB, and 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 is chest x-ray and interferon-gamma release assay (IGRA) or tuberculin skin (TST). IGRA is preferred (and required for United for Ukraine program participants) for children ≥ 2 years; TST should be done if screening children <2 years.
- 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: Tuberculosis Infection and Disease](https://www.cdc.gov/tb/publications/clinicians/screeningmgmtguidance/guidance.html)

**Resources:**
- Southeastern National TB Center: [Ukrainian Cultural Quick Reference Guide](http://www.southeasternnationaltb.org/culture/ukraine/)
- [Patient Education Handouts](http://www.southeasternnationaltb.org/culture/ukraine/patient-handouts.html) Ukrainian
- [MA Department of Public Health TB Resources](http://www.mass.gov/service-details/tuberculosis--public-health) - Ukrainian and Russian

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# Hepatitis B and C

**<1% had chronic hepatitis B infection**

**>1 in 3 children were susceptible to hepatitis B infection**

**<1% had chronic hepatitis C infection**

**Actions:**
- Test for hepatitis B surface antigen, regardless of vaccine history.
- Consider anti-HBc and anti-HBs testing to learn immune status.
- Start 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.
- Refer individuals with hepatitis B infection for follow-up care, including testing for hepatitis D, and notify the local health department of positive results.
- Screen unaccompanied minors, pregnant adolescents, and children with risk factors for HCV. Perform HCV RNA testing for those with a positive HCV antibody result. For people with chronic infection, offer/refer for treatment and notify the local health department.

**CDC Guidance:**
- [Screening for Viral Hepatitis](https://www.cdc.gov/hepatitis/Bscreening.htm)
- [Hepatitis B Serologic Results Interpretation](https://www.cdc.gov/hepatitis/hbserologic.htm)

**Patient Resources:**
- [Hepatitis C | Mass.gov](http://www.mass.gov/service-details/hepatitis-c) Russian
# Ukrainian Health Profile and Screening Guidance: Pediatrics

## Nutritional Status and Anemia

### Actions:
- Assess nutritional status using standard WHO growth charts (if <2 years) and CDC charts (if >=2 years).
- Screen all children for iron deficiency with a hemoglobin blood test.
- Ensure children <5 years are connected to WIC.

### CDC Guidance:
- Evaluating Nutritional Status and Growth
- Anemia in Refugee Populations

### Resources:
- WIC, WIC translated resources
- Supplemental Nutrition Program

### Nutritional Status and Anemia Statistics:

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stunting</td>
<td>3%</td>
</tr>
<tr>
<td>Wasting</td>
<td>2%</td>
</tr>
<tr>
<td>Healthy Weight</td>
<td>80%</td>
</tr>
<tr>
<td>Overweight</td>
<td>12%</td>
</tr>
<tr>
<td>Obese</td>
<td>6%</td>
</tr>
<tr>
<td>Anemia</td>
<td>10%</td>
</tr>
</tbody>
</table>

## Blood Lead Levels

1% had elevated BLL (≥5 µg/dL)

### Actions:
- Evaluate all children, age 6 months to 16 years, and adolescents who are pregnant or breastfeeding for lead exposure with a blood lead test (capillary or venous).
- Within 3-6 months after initial testing, a repeat test should be done for all children ≤6 years of age, regardless of initial screening result.
- Screen for common sources of lead exposure.

### CDC Guidance:
- Screening for Lead
- Recommendations for Follow-up and Case Management

### Resources:
- PEHSU Recommendations on Management of Childhood Lead Exposure: A Resource for Clinicians

## Dental, Vision and Hearing

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

### CDC Guidance:
- Health History and Physical Examination

### Resources:
- DentistLink Connect with a Washington State Dentist for Dental Care

## 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