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
- 49% were female
- 26% spoke Russian

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

DTaP/Tdap=diphtheria, tetanus, and pertussis-containing vaccines; HPV=Human papillomavirus vaccine

**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 WAIIS.
- 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
- Plain Talk about Childhood Immunizations English Ukrainian Russian
- Building Confidence in COVID-19 Vaccines for Refugees and Immigrants Discussion Guide
- Ukrainian and Russian Community Vaccine Outreach Toolkit
- WA DOH COVID-19 Vaccine Patient Resources English Ukrainian Russian
### 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/topic/prevention/screeningandmanagement.htm)

**Resources:**
- Southeastern National TB Center: [Ukrainian Cultural Quick Reference Guide](#)
- [Patient Education Handouts](#) Ukrainian
- [MA Department of Public Health TB Resources](#) - Ukrainian and Russian

### 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/testing/screening.htm)
- [Hepatitis B Serologic Results Interpretation](https://www.cdc.gov/hepatitis/testing/bserologic.html)

**Patient Resources:**
- [Hepatitis C | Mass.gov](https://www.mass.gov/info-center/hepatitis-c) Russian
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

<table>
<thead>
<tr>
<th>Status</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>
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Blood Lead Levels

**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

<table>
<thead>
<tr>
<th>Status</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevated BLL</td>
<td>1%</td>
</tr>
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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

**Resource:**
- DentistLink Connect with a Washington State Dentist for Dental Care

<table>
<thead>
<tr>
<th>Concern</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hearing</td>
<td>1%</td>
</tr>
<tr>
<td>Vision</td>
<td>10%</td>
</tr>
<tr>
<td>Dental</td>
<td>23%</td>
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</table>

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 civil.rights@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