Measles and rubella elimination country profile
Georgia

Measles elimination status

2015 endemic
2016 endemic

Source: European Regional Verification Commission for Measles and Rubella Elimination (RVC) meeting report: www.euro.who.int/6thRVC

Rubella elimination status

2015 endemic
2016 endemic

Source: European Regional Verification Commission for Measles and Rubella Elimination (RVC) meeting report: www.euro.who.int/6thRVC

National plan of action

Does the country have a national plan of action? ND
Is it updated? ND

Source: Measles and rubella elimination Annual Status Update report, 2016

Demographic information, 2016

<table>
<thead>
<tr>
<th>Total population</th>
<th>3 979 781</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 1 year old</td>
<td>53 379</td>
</tr>
<tr>
<td>&lt; 5 years old</td>
<td>274 062</td>
</tr>
</tbody>
</table>


Measles and rubella immunization schedule, 2016

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Schedule</th>
<th>Year of introduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCV1</td>
<td>MMR</td>
<td>MCV2 1997</td>
</tr>
<tr>
<td>MCV2</td>
<td>MMR</td>
<td>RCV 2004</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Measles vaccination in school No</td>
</tr>
</tbody>
</table>

MMC = measles-mumps-rubella-containing vaccine; MCV1 = first dose measles-containing vaccine; MCV2 = second dose measles-containing vaccine; RCV = rubella-containing vaccine

Definition used for an outbreak

At least two measles or rubella cases including cases with epidemiological links

Source: Measles and rubella elimination Annual Status Update report, 2016

Measles and rubella cases and immunization coverage, 2007–2016

Source: Disease incidence and immunization coverage, WHO, Data and Statistics, Immunization Monitoring and Surveillance (http://www.who.int/immunization/monitoring_surveillance/data/en/)
MCV1 = first dose measles-containing vaccine
MCV2 = second dose measles-containing vaccine

Confirmed measles cases by month of onset, 2012-2016

Source: CISID2 2016
Measles and rubella elimination country profile
Georgia

Measles cases by first subnational level, 2016

Note: The dots in the maps are placed randomly within the administrative regions.
Map disclaimer: The boundaries and names shown and the designations used on the maps do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Measles cases by age group and vaccination status, 2016

Sources of infection, 2016

Supplementary immunization activities

Information on CRS, 2016

No cases reported

Source: Measles and rubella elimination Annual Status Update report, 2016
CRS = congenital rubella syndrome
Measles incidence, epidemiologic and virologic characteristics, 2012-2016

<table>
<thead>
<tr>
<th>Year</th>
<th>Suspected measles cases</th>
<th>Confirmed measles cases</th>
<th>Discarded as non-measles</th>
<th>Measles incidence</th>
<th>Genotypes detected</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>ND</td>
<td>1</td>
<td>17</td>
<td>7</td>
<td>D8</td>
</tr>
<tr>
<td>2013</td>
<td>8,044</td>
<td>787</td>
<td>170</td>
<td>1,756</td>
<td>D8</td>
</tr>
<tr>
<td>2014</td>
<td>3,242</td>
<td>391</td>
<td>50</td>
<td>854.8</td>
<td>B3, D8</td>
</tr>
<tr>
<td>2015</td>
<td>498</td>
<td>42</td>
<td>68</td>
<td>115.5</td>
<td>D8</td>
</tr>
</tbody>
</table>

Source: Measles and rubella elimination Annual Status Update report, 2012-2016
Incidences calculated per 1 million population
ND = Data not available; NA= Not applicable
A proficient laboratory is WHO accredited and/or has an established quality assurance programme with oversight by a WHO accredited laboratory

Measles surveillance and laboratory performance indicators, 2012-2016

<table>
<thead>
<tr>
<th>Year</th>
<th>Discarded non-measles rate</th>
<th>% 1st sub-national unit with ≥ 2 discarded cases</th>
<th>% cases with adequate laboratory investigation</th>
<th>% origin of infection known</th>
<th># specimens tested for measles</th>
<th>% positive for measles</th>
<th>Rate of viral detection</th>
<th>% WHO and proficient labs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>2.0</td>
<td>ND</td>
<td>100%</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>2013</td>
<td>3.6</td>
<td>25%</td>
<td>100%</td>
<td>99.8%</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>2014</td>
<td>1.5</td>
<td>14.4%</td>
<td>99.6%</td>
<td>99%</td>
<td>ND</td>
<td>ND</td>
<td>100%</td>
<td>ND</td>
</tr>
<tr>
<td>2015</td>
<td>1.8</td>
<td>21.7%</td>
<td>99.8%</td>
<td>99%</td>
<td>43.4%</td>
<td>55.5%</td>
<td>100%</td>
<td>ND</td>
</tr>
<tr>
<td>2016</td>
<td>1.2</td>
<td>100%</td>
<td>100%</td>
<td>55.5%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

RVC comments, based on 2016 reporting

The Regional Verification Commission for Measles and Rubella Elimination (RVC) recognizes the efforts that have been made towards measles and rubella elimination. At the same time, the RVC urges further efforts to achieve and maintain high vaccination coverage with both MRCV doses at all administrative levels through routine and supplemental immunization activities.

The RVC also urges efforts to increase the rate of viral detection for rubella cases.

Surveillance performance indicators and targets

- a. Rate of discarded cases: at least 2 discarded measles or rubella cases per 100 000 population
- b. % cases with adequate laboratory investigation: ≥ 80%
- c. % origin of infection known: ≥ 80%
- d. Rate of viral detection: ≥ 80%

Source: Regional Verification Commission for Measles and Rubella Elimination (RVC) meeting report (www.euro.who.int/6thRVC)