Measles and rubella elimination country profile
Malta

Measles elimination status

2015 eliminated
2016 eliminated

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

Rubella elimination status

2015 eliminated
2016 eliminated

Source: 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: Rubella Elimination Annual Status Update report, 2016
ND = Data not available

Demographic information, 2016

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total population</td>
<td>419 615</td>
</tr>
<tr>
<td>&lt; 1 year old</td>
<td>3 718</td>
</tr>
<tr>
<td>&lt; 5 years old</td>
<td>18 578</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>13 months</td>
</tr>
<tr>
<td>MCV2</td>
<td>MMR</td>
<td>3-4 years</td>
</tr>
</tbody>
</table>


Measles vaccination in school

Yes

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

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
RCV = rubella-containing vaccine

Confirmed measles cases by month of onset, 2012-2016

Source: CISEO 2016
Measles and rubella elimination country profile
Malta

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>0</td>
<td>0</td>
<td>2</td>
<td>ND</td>
</tr>
<tr>
<td>2013</td>
<td>4</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>ND</td>
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<tr>
<td>2014</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NA</td>
</tr>
<tr>
<td>2015</td>
<td>3</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>ND</td>
</tr>
<tr>
<td>2016</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NA</td>
</tr>
</tbody>
</table>

Source: Measles and rubella elimination Annual Status Update report, 2012-2016
Incidence calculated per 1 million population
ND = Data not available; NA= Not applicable

Rubella incidence, epidemiologic and virologic characteristics, 2012-2016

<table>
<thead>
<tr>
<th>Year</th>
<th>Suspected rubella cases</th>
<th>Confirmed measles cases</th>
<th>Discarded as non-rubella</th>
<th>Rubella incidence</th>
<th>Genotypes detected</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>ND</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>ND</td>
</tr>
<tr>
<td>2013</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NA</td>
</tr>
<tr>
<td>2014</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>2015</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NA</td>
</tr>
<tr>
<td>2016</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NA</td>
</tr>
</tbody>
</table>

Source: Measles and rubella elimination Annual Status Update report, 2012-2016
Incidence calculated per 1 million population
ND = Data not available; NA= Not applicable

RVC comments, based on 2016 reporting

The Regional Verification Commission for Measles and Rubella Elimination (RVC) concluded that endemic transmission of both measles and rubella remained interrupted in Malta in 2016, and confirmed that measles and rubella elimination has been sustained. The RVC commends the National Verification Commission (NVC), national health authorities and public health system for providing additional information and clarifications on the ASU. The RVC remains concerned about the declining MRCV2 and low MRCV1 coverage in 2016, and urge the national health authorities to consider appropriate measures to address the declining trend in coverage.

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

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%

Information on CRS, 2016

No cases reported

Source: Measles and rubella elimination Annual Status Update report, 2016
CRS = congenital rubella syndrome