Vaccination for people at occupational risk

**Laboratory personnel**

<table>
<thead>
<tr>
<th>If working with ...</th>
<th>Vaccinate with ...</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Bacillus anthracis</em></td>
<td>Anthrax</td>
</tr>
<tr>
<td><em>Corynebacterium diphtheriae</em></td>
<td>Diphtheria (dT or dTpa)</td>
</tr>
<tr>
<td><em>Coxiella burnetii</em> or veterinary specimens</td>
<td>Q fever</td>
</tr>
<tr>
<td>Japanese encephalitis virus</td>
<td>Japanese encephalitis virus</td>
</tr>
<tr>
<td>Lyssavirus or bat tissue</td>
<td>Rabies</td>
</tr>
<tr>
<td><em>Neisseria meningitidis</em></td>
<td>Meningococcal</td>
</tr>
<tr>
<td>Poliovirus</td>
<td>Polio</td>
</tr>
<tr>
<td><em>Salmonella enterica</em> subspecies enterica serovar Typhi (S. Typhi)</td>
<td>Typhoid</td>
</tr>
<tr>
<td>Vaccinia poxviruses</td>
<td>Smallpox (available through the Special Access Scheme)</td>
</tr>
<tr>
<td>Yellow fever virus</td>
<td>Yellow fever</td>
</tr>
</tbody>
</table>

**Emergency and essential services workers**

- Police and emergency workers:
  - Hepatitis B
  - Influenza
  - MMR (if non-immune)
  - Tetanus (as dT or dTpa)

- Staff of correctional facilities, and detention and immigration centres:
  - Hepatitis B
  - Influenza
  - MMR (if non-immune)
  - Tetanus (as dT or dTpa)

- Armed forces personnel:
  - Hepatitis B
  - Influenza
  - Meningococcal
  - MMR (if non-immune)
  - Tetanus (dT or dTpa)
  - Other vaccines, as relevant to deployment

**People who are exposed to human tissue, blood, body fluids or sewage**

People working with human tissue, blood or body fluids, such as embalmers and funeral workers, and tattooists and body-piercers:

- Hepatitis B

Plumbers or other people working with untreated sewage:

- Hepatitis A
- Tetanus (as dT or dTpa)

**People who work in specific communities**

People working in the outer Torres Strait islands for ≥30 days during the wet season:

- Japanese encephalitis

People living with, or making frequent visits to, remote Aboriginal and Torres Strait Islander communities in the Northern Territory, Queensland, South Australia or Western Australia:

- Hepatitis A

See the Australian Immunisation Handbook for more details.