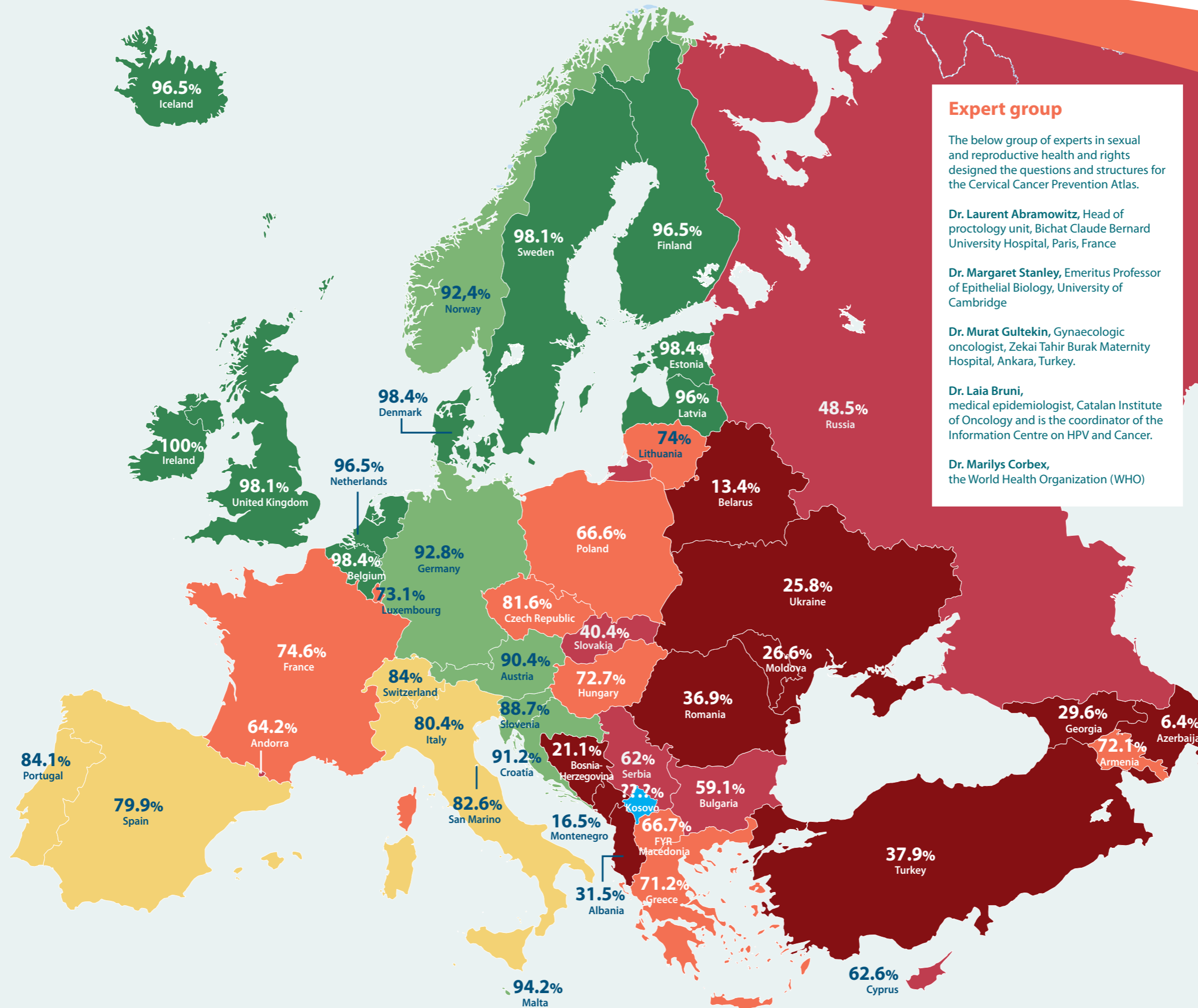
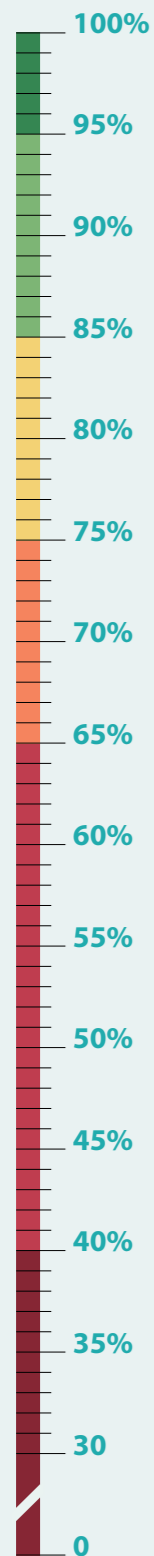


# CERVICAL CANCER PREVENTION ATLAS

## Ranking points scale



## Expert group

The below group of experts in sexual and reproductive health and rights designed the questions and structures for the Cervical Cancer Prevention Atlas.

**Dr. Laurent Abramowitz**, Head of proctology unit, Bichat Claude Bernard University Hospital, Paris, France

**Dr. Margaret Stanley**, Emeritus Professor of Epithelial Biology, University of Cambridge

**Dr. Murat Gultekin**, Gynaecologic oncologist, Zekai Tahir Burak Maternity Hospital, Ankara, Turkey.

**Dr. Laia Bruni**, medical epidemiologist, Catalan Institute of Oncology and is the coordinator of the Information Centre on HPV and Cancer.

**Dr. Marilys Corbex**, the World Health Organization (WHO)



## Human papillomavirus (HPV) and cervical cancer

Human papillomavirus (HPV) is a common sexually transmitted infection. Most people are infected with HPV shortly after the onset of sexual activity. Certain types of HPV can lead to cervical cancer.

There is also evidence linking HPV with cancers of the anus, vulva, vagina, penis and oropharynx.

In 2018, approximately 311 000 women died from cervical cancer; more than 85% of these deaths occurring in low- and middle-income countries. For Europe: XXX

Cervical cancer can be prevented.

Vaccination and screening are cost effective and safe prevention of cervical cancer

Primary prevention begins with HPV vaccination of girls aged 9-14 years, before they become sexually active.

**Primary prevention**  
Girls 9-14 years  
HPV vaccination  
Girls and boys, as appropriate  
Health information and warnings about tobacco use  
Sex education tailored to age and culture  
Condom promotion and provision for those engaged in sexual activity  
Male circumcision

**Secondary prevention**  
Women 30 years old or older  
"Screen and treat" - single visit approach  
Point-of-care rapid HPV testing for high-risk HPV types  
Followed by immediate treatment  
On-site treatment

**Tertiary prevention**  
All women as needed  
treatment of invasive cancer at any age and palliative care  
Surgery  
Radiotherapy  
Chemotherapy  
Palliative care

Source: [https://www.who.int/en/news-room/fact-sheets/detail/human-papillomavirus-\(hpv\)-and-cervical-cancer](https://www.who.int/en/news-room/fact-sheets/detail/human-papillomavirus-(hpv)-and-cervical-cancer)

| COUNTRIES IN ALPHABETICAL ORDER | ???????????????? |     |       |                  |     |     |     |                  |     |     |     | ???????????????? |     |     |                  |     |     |     |     |     |                    |  | COUNTRIES IN ALPHABETICAL ORDER |
|---------------------------------|------------------|-----|-------|------------------|-----|-----|-----|------------------|-----|-----|-----|------------------|-----|-----|------------------|-----|-----|-----|-----|-----|--------------------|--|---------------------------------|
|                                 | ???????????????? |     |       | ???????????????? |     |     |     | ???????????????? |     |     |     | ???????????????? |     |     | ???????????????? |     |     |     |     |     |                    |  |                                 |
|                                 | ???              | ??? | ???   | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? |                    |  |                                 |
| Albania                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Albania            |  |                                 |
| Andorra                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Andorra            |  |                                 |
| Armenia                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Armenia            |  |                                 |
| Austria                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Austria            |  |                                 |
| Azerbaijan                      | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Azerbaijan         |  |                                 |
| Belarus                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Belarus            |  |                                 |
| Belgium*                        | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Belgium*           |  |                                 |
| Bosnia-Herzegovina              | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Bosnia-Herzegovina |  |                                 |
| Bulgaria                        | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Bulgaria           |  |                                 |
| Croatia                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Croatia            |  |                                 |
| Cyprus                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Cyprus             |  |                                 |
| Czech Republic                  | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Czech Republic     |  |                                 |
| Denmark                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Denmark            |  |                                 |
| Estonia                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Estonia            |  |                                 |
| Finland*                        | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Finland*           |  |                                 |
| France                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | France             |  |                                 |
| FYR Macedonia                   | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | FYR Macedonia      |  |                                 |
| Georgia                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Georgia            |  |                                 |
| Germany*                        | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Germany*           |  |                                 |
| Greece                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Greece             |  |                                 |
| Hungary                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Hungary            |  |                                 |
| Iceland                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Iceland            |  |                                 |
| Ireland                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Ireland            |  |                                 |
| Italy*                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Italy*             |  |                                 |
| Kosovo**                        | ??.2%            | ●   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Kosovo**           |  |                                 |
| Latvia                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Latvia             |  |                                 |
| Lithuania                       | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Lithuania          |  |                                 |
| Luxembourg                      | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Luxembourg         |  |                                 |
| Malta                           | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Malta              |  |                                 |
| Moldova                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Moldova            |  |                                 |
| Montenegro                      | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Montenegro         |  |                                 |
| Netherlands                     | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Netherlands        |  |                                 |
| Norway                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Norway             |  |                                 |
| Poland                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Poland             |  |                                 |
| Portugal                        | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Portugal           |  |                                 |
| Romania                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Romania            |  |                                 |
| Russia                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Russia             |  |                                 |
| Serbia                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Serbia             |  |                                 |
| Slovakia                        | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Slovakia           |  |                                 |
| Slovenia                        | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Slovenia           |  |                                 |
| Spain*                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Spain*             |  |                                 |
| Sweden                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Sweden             |  |                                 |
| Switzerland*                    | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Switzerland*       |  |                                 |
| Turkey                          | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Turkey             |  |                                 |
| Ukraine                         | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | Ukraine            |  |                                 |
| United Kingdom                  | ??.2%            | ○   | ??.2% | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ??? | ???              | ??? | ??? | ???              | ??? | ??? | ??? | ??? | ??? | United Kingdom     |  |                                 |

\*Belgium, Finland, Germany, Italy, Spain and Switzerland have decentralised political systems and therefore circumstances may vary between regions. \*\*Under UNSCR 1244/99