Health Impacts of Air Pollution in South-eastern Europe

Presenter: Prim. Dr. Elizabet Paunovic
Global ranking of risk factors by total number of deaths

- High systolic blood pressure
- Tobacco
- Dietary risks
- Air pollution
- High fasting plasma glucose
- High body-mass index
- High LDL
- Kidney dysfunction
- Malnutrition
- Alcohol use

Mortality attributable to air pollution, by region in 2016 (updated 2018)

556 000 attributable deaths to AP in 2016 in WHO Europe

Source: http://www.who.int/airpollution/en/
The mortality attributable to household and ambient air pollution per 100,000

<table>
<thead>
<tr>
<th></th>
<th>WHO European Region</th>
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<tbody>
<tr>
<td>1</td>
<td>Albania</td>
<td>104.7</td>
</tr>
<tr>
<td>2</td>
<td>Bosnia and Herzegovina</td>
<td>159.3</td>
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<tr>
<td>3</td>
<td>Bulgaria</td>
<td>140.5</td>
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<tr>
<td>4</td>
<td>Montenegro</td>
<td>139.8</td>
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<tr>
<td>5</td>
<td>North Macedonia</td>
<td>124.9</td>
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<tr>
<td>6</td>
<td>Republic of Moldova</td>
<td>106.6</td>
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<td>7</td>
<td>Romania</td>
<td>123.4</td>
</tr>
<tr>
<td>8</td>
<td>Serbia</td>
<td>121.5</td>
</tr>
</tbody>
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Source: Core health indicators in WHO European Region 2020, special focus 2030 SD Agenda
Annual PM 2.5 concentrations in the cities of Western Balkans

Source: Air Pollution and Human Health: The Case of the Western Balkans, UNEP
Mortality rates (per 100,000) attributable to PM2.5 exposure exceeding the WHO’s AQG level by registered cause of death in cities

Source: Air Pollution and Human Health: The Case of the Western Balkans, UNEP
WHO Regional Office for Europe estimated in 2015 the annual economic cost of premature deaths from air pollution for the 53 countries of WHO European Region. The cost was estimated at US$ 1.431 trillion.

Source: Economic cost of the health impact of air pollution in Europe: Clean air, health and wealth, WHO 2015
The benefits of meeting SDG goals and targets including on these related to improving AQ: 3.9.1;7.1.2 and 11.6.2
Thank you for your kind attention
Ви благодарим
Hvala
Хвала
Faleminderit
Благодаря
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