

Call to Action

Air pollution is a health risk, drag on development, and a cost that countries cannot afford to ignore.

Report is a call to countries to prioritize investments in improving air quality management.



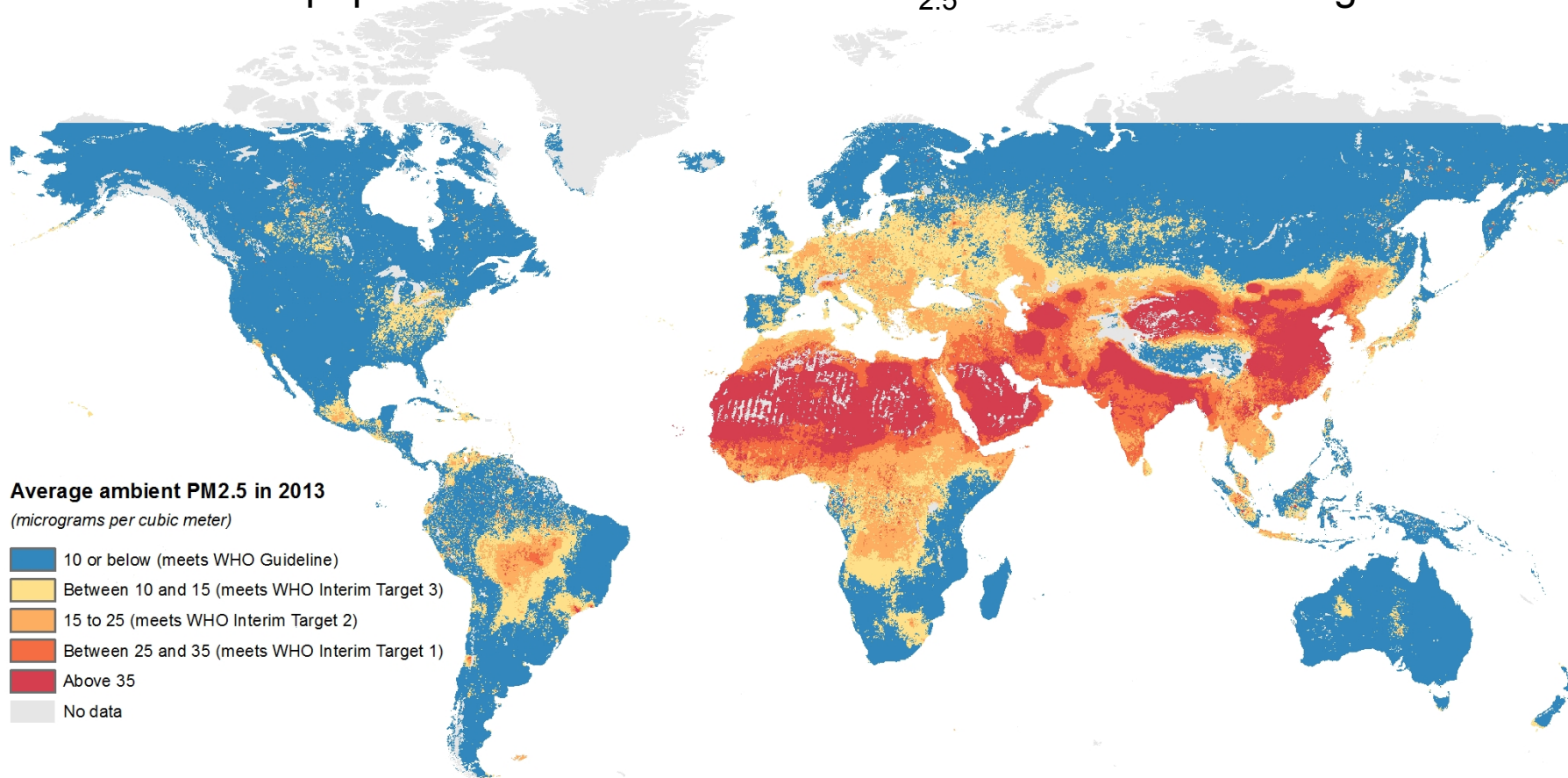
Photo by Karan Singh Rathore, www.sanjhi.org



Photo via Shutterstock

Ambient PM_{2.5} air pollution in 2013

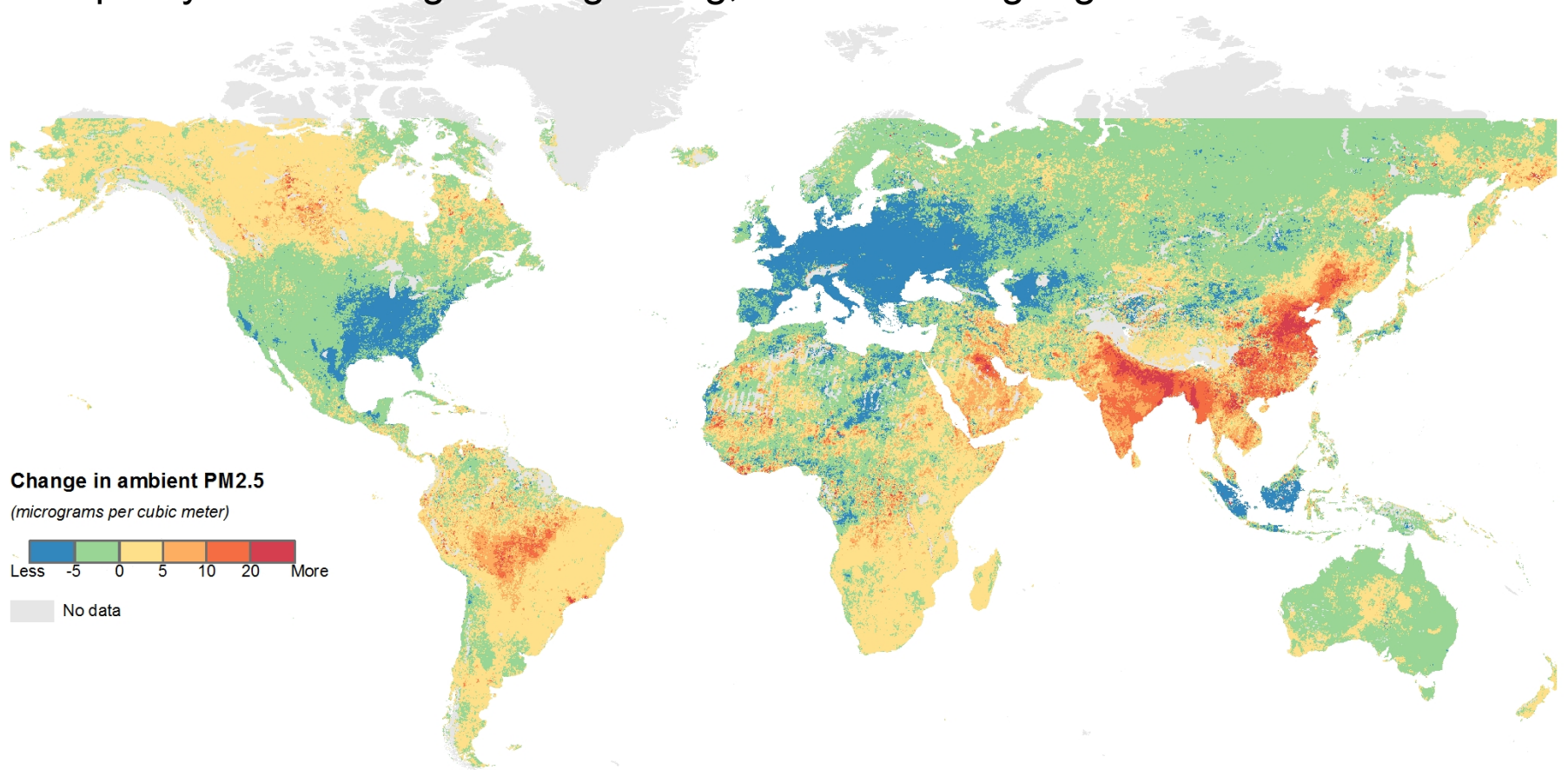
87% of world's population lives in areas with PM_{2.5} that exceeds WHO guidelines



Source: Brauer et al (2016)

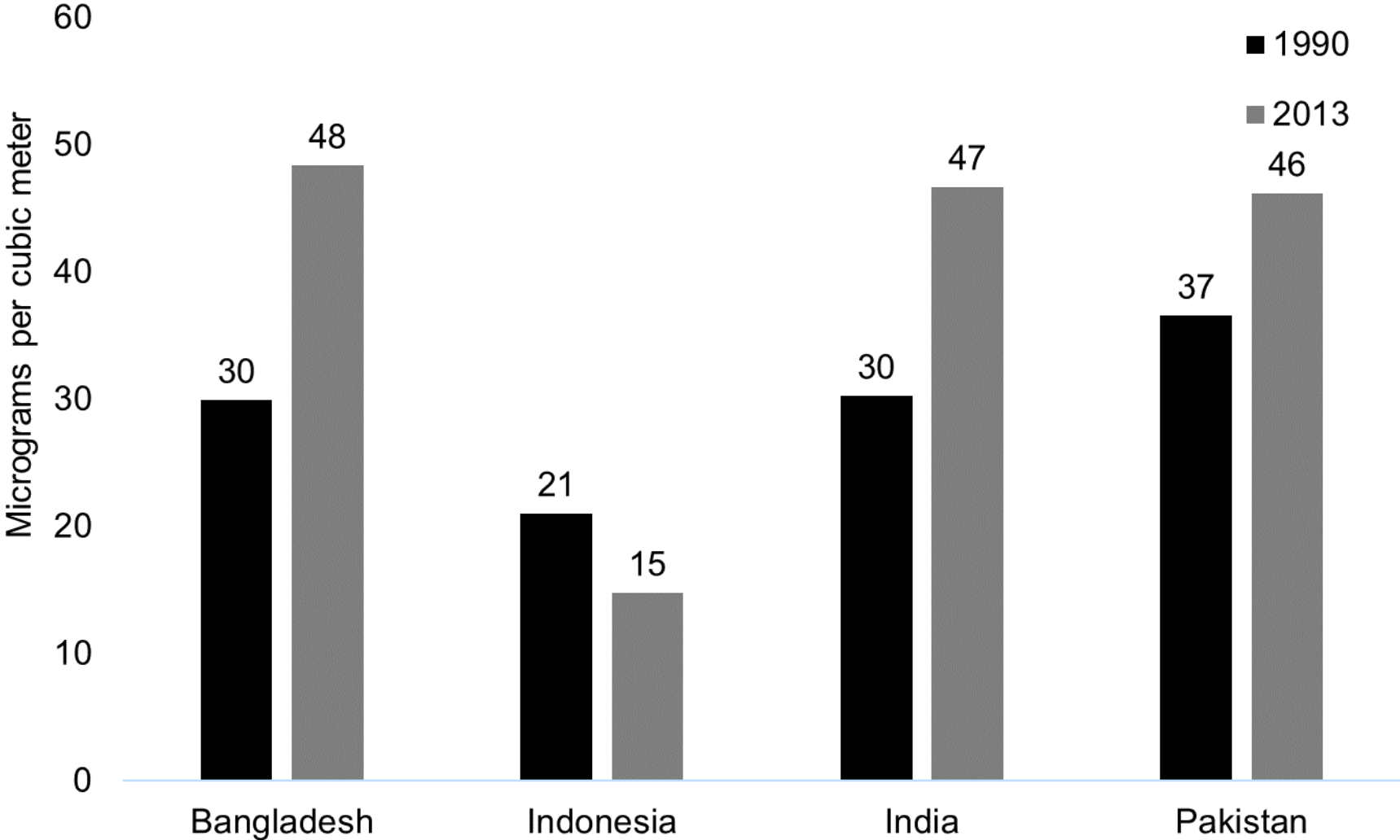
Change in ambient PM_{2.5} air pollution, 1990-2013

Air quality deteriorating in fast-growing, fast-urbanizing regions



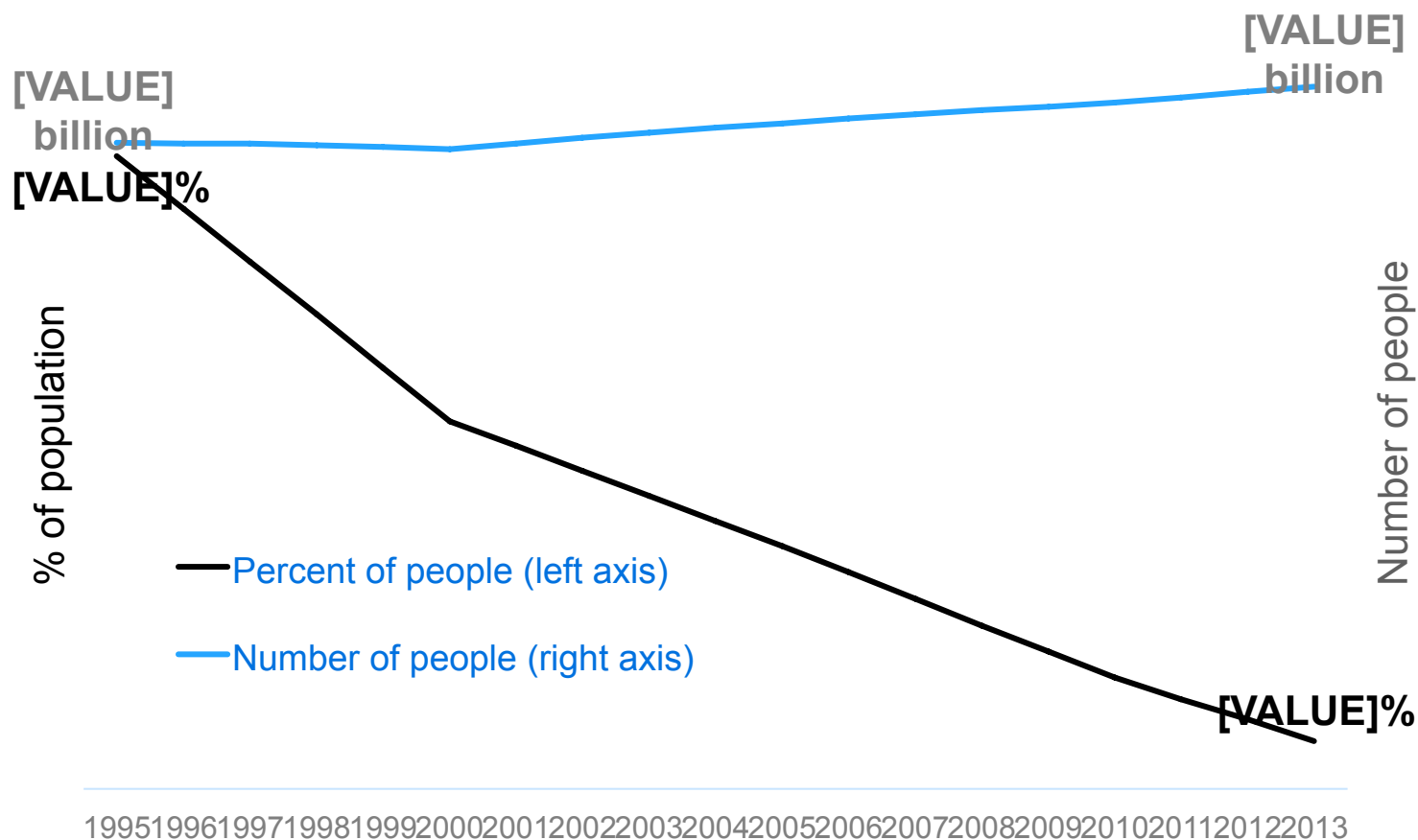
Source: Brauer et al (2016)

Exposure to Ambient PM_{2.5}: Bangladesh, India, Indonesia, and Pakistan



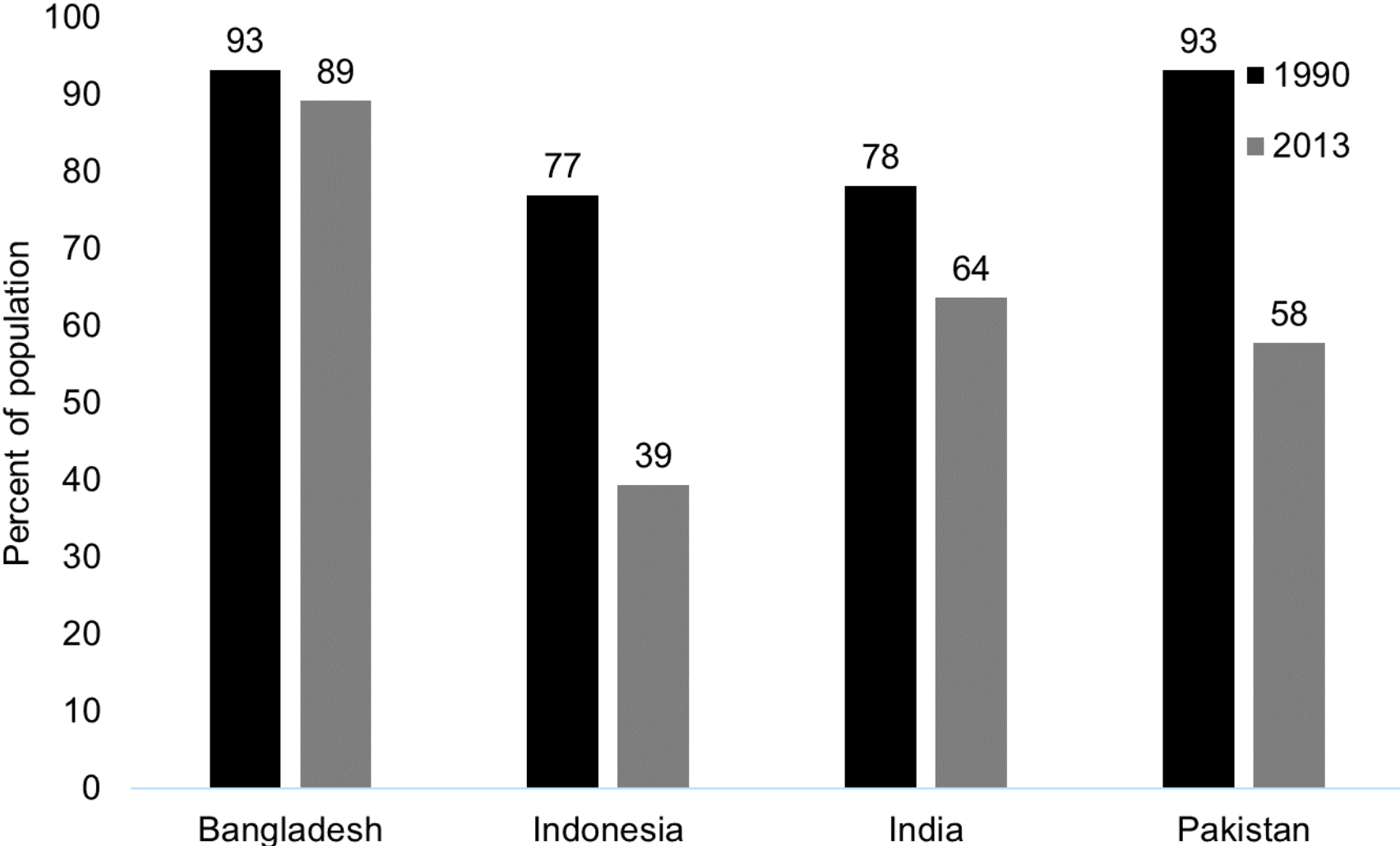
Exposure to household air pollution

More people are using solid fuels now than in 1990 – nearly 2.9 billion

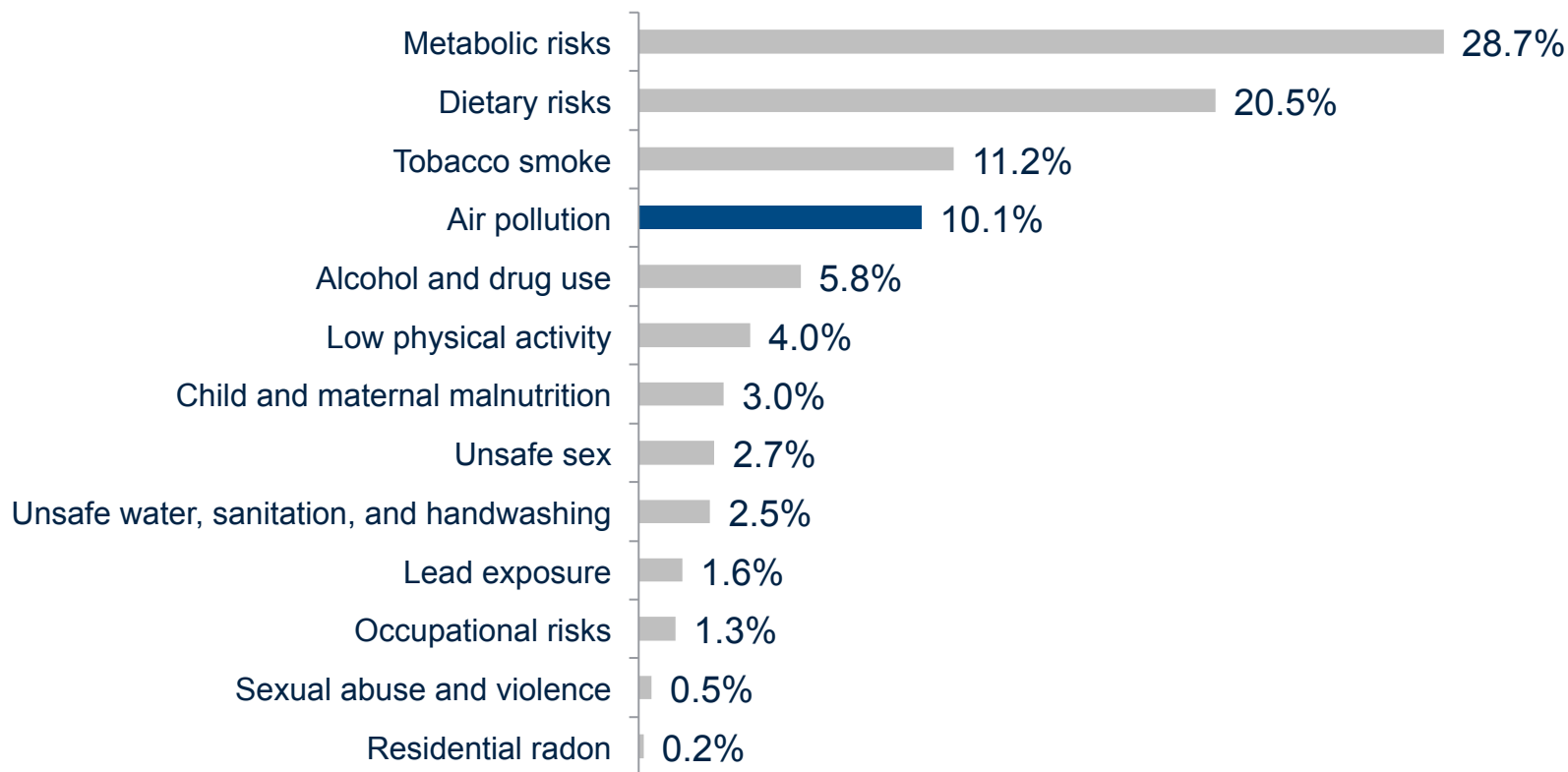


Source: SE4ALL data

Solid fuels use: Bangladesh, Indonesia, India, and Pakistan

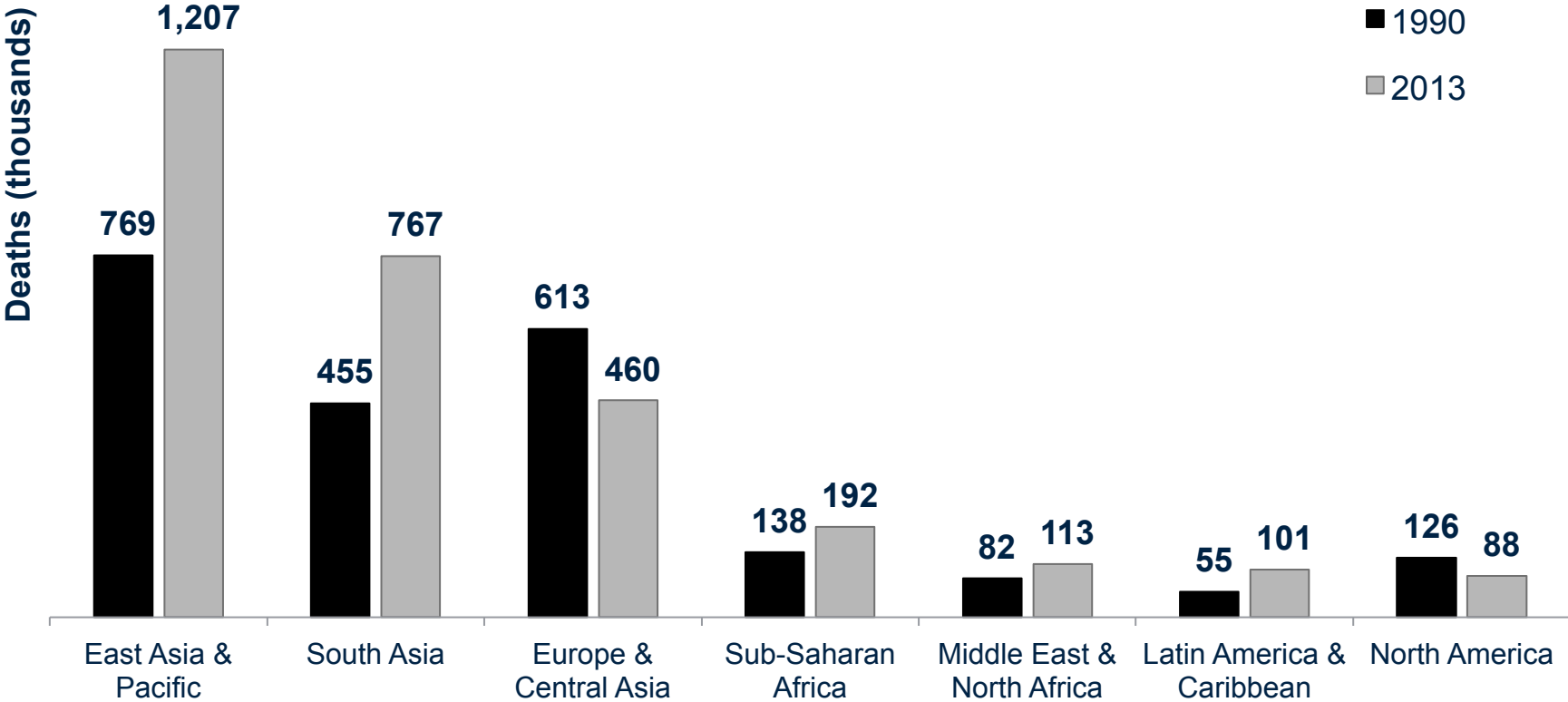


1/10 deaths attributable to air pollution exposure



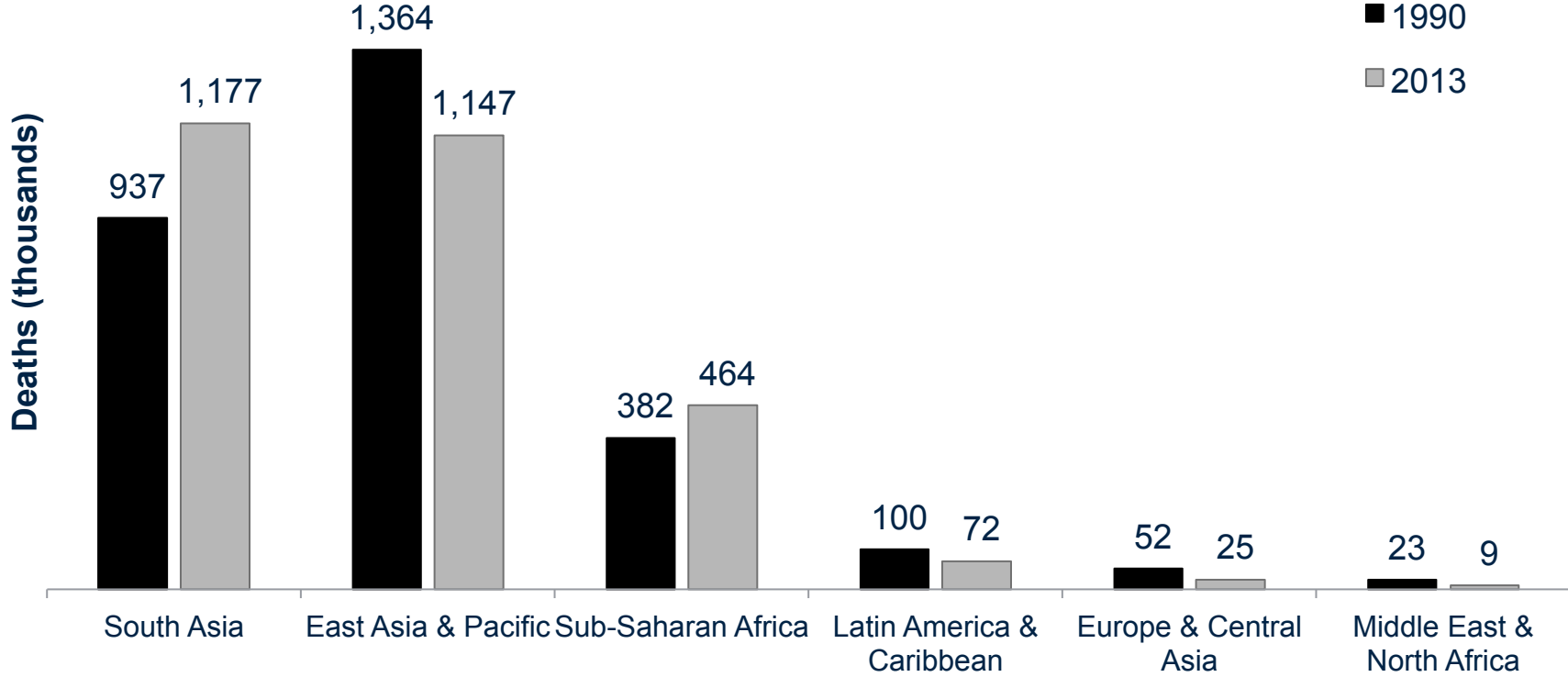
Percent of total deaths globally in 2013

Total deaths from ambient pollution increased from 2.2 to 2.9 million



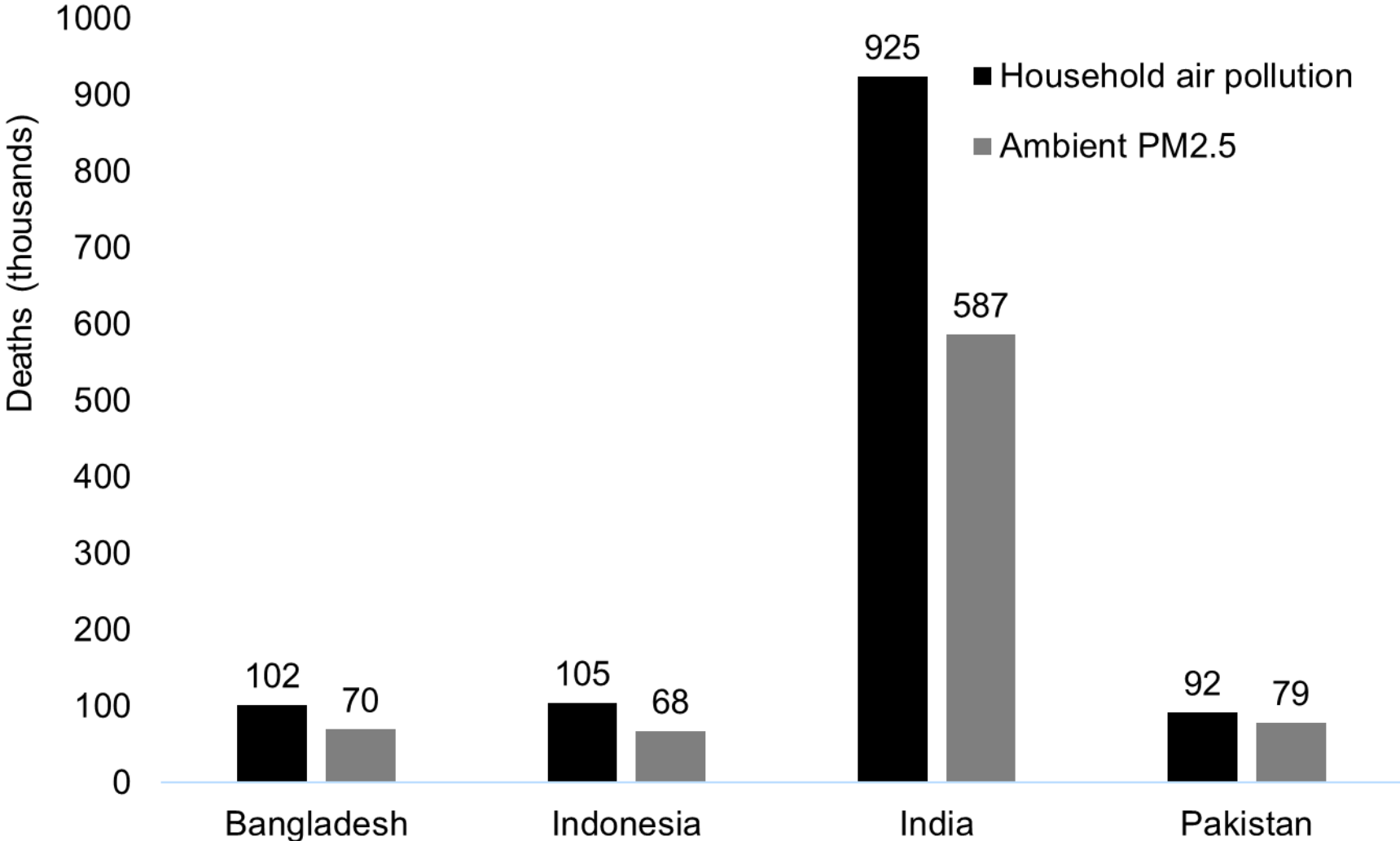
Source: World Bank-IHME (2016)

Total deaths from household pollution mostly remained unchanged at 2.9 million



Source: World Bank-IHME (2016)

Total number of deaths from household and ambient air pollution in Bangladesh, Indonesia, India, and Pakistan



Labor income losses rose to \$225 billion in 2013

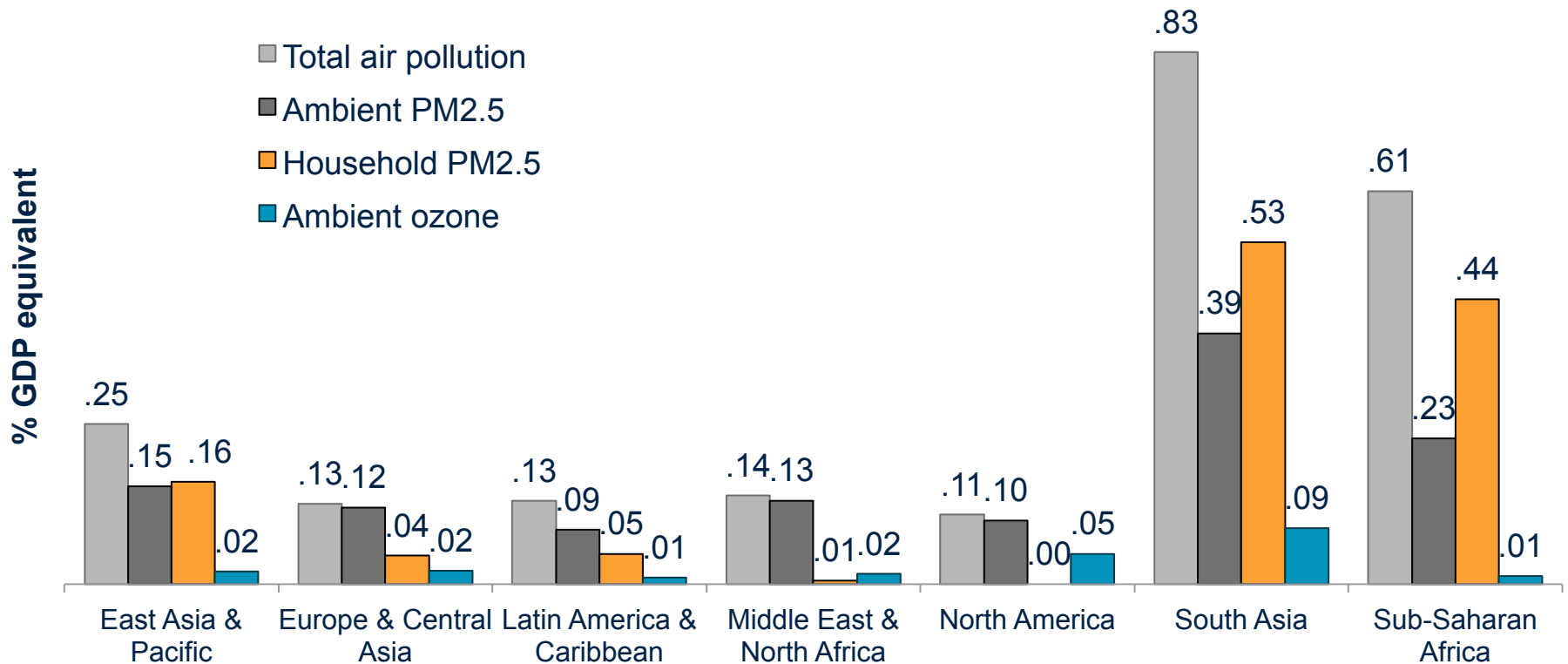
Billion US\$

| Region | 1990 | 1995 | 2000 | 2005 | 2010 | 2013 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| East Asia & Pacific | 32.5 | 37.6 | 43.8 | 50.5 | 61.9 | 72.2 |
| Europe & Central Asia | 39.5 | 33.2 | 29.3 | 32.6 | 31.1 | 29.5 |
| Latin America & Caribbean | 12.1 | 9.9 | 8.5 | 8.7 | 9.8 | 10.4 |
| Middle East & North Africa | 9.3 | 9.0 | 8.5 | 7.8 | 7.9 | 8.9 |
| North America | 18.7 | 18.3 | 19.6 | 21.9 | 20.3 | 19.1 |
| South Asia | 35.4 | 36.6 | 37.9 | 40.5 | 55.6 | 66.4 |
| Sub-Saharan Africa | 14.8 | 14.7 | 15.3 | 15.9 | 17.2 | 18.4 |
| Total | 162.3 | 159.3 | 162.8 | 177.8 | 203.7 | 224.9 |

Note: 2011 US\$ at PPP

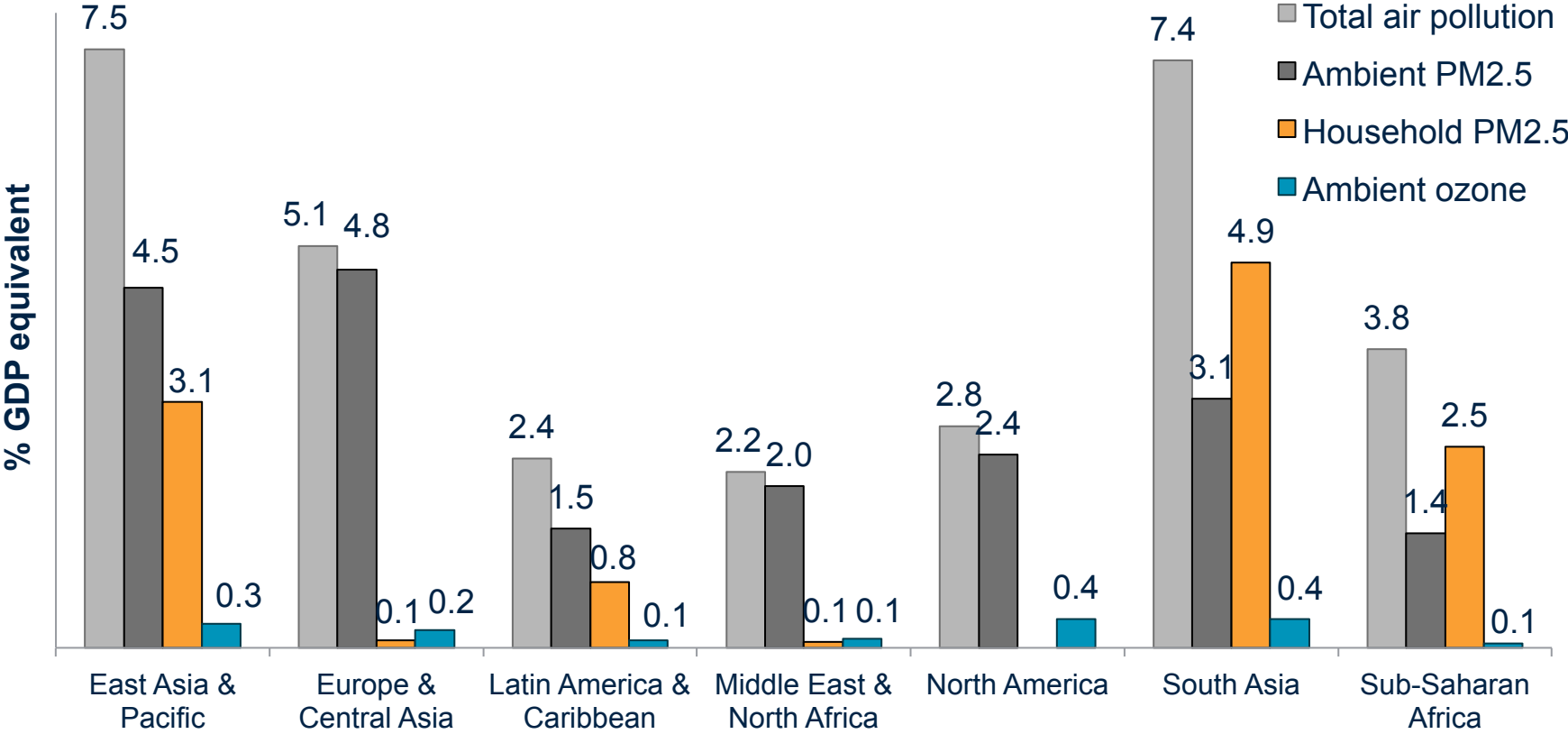
Source: World Bank-IHME (2016)

Labor income losses greater in regions with younger populations



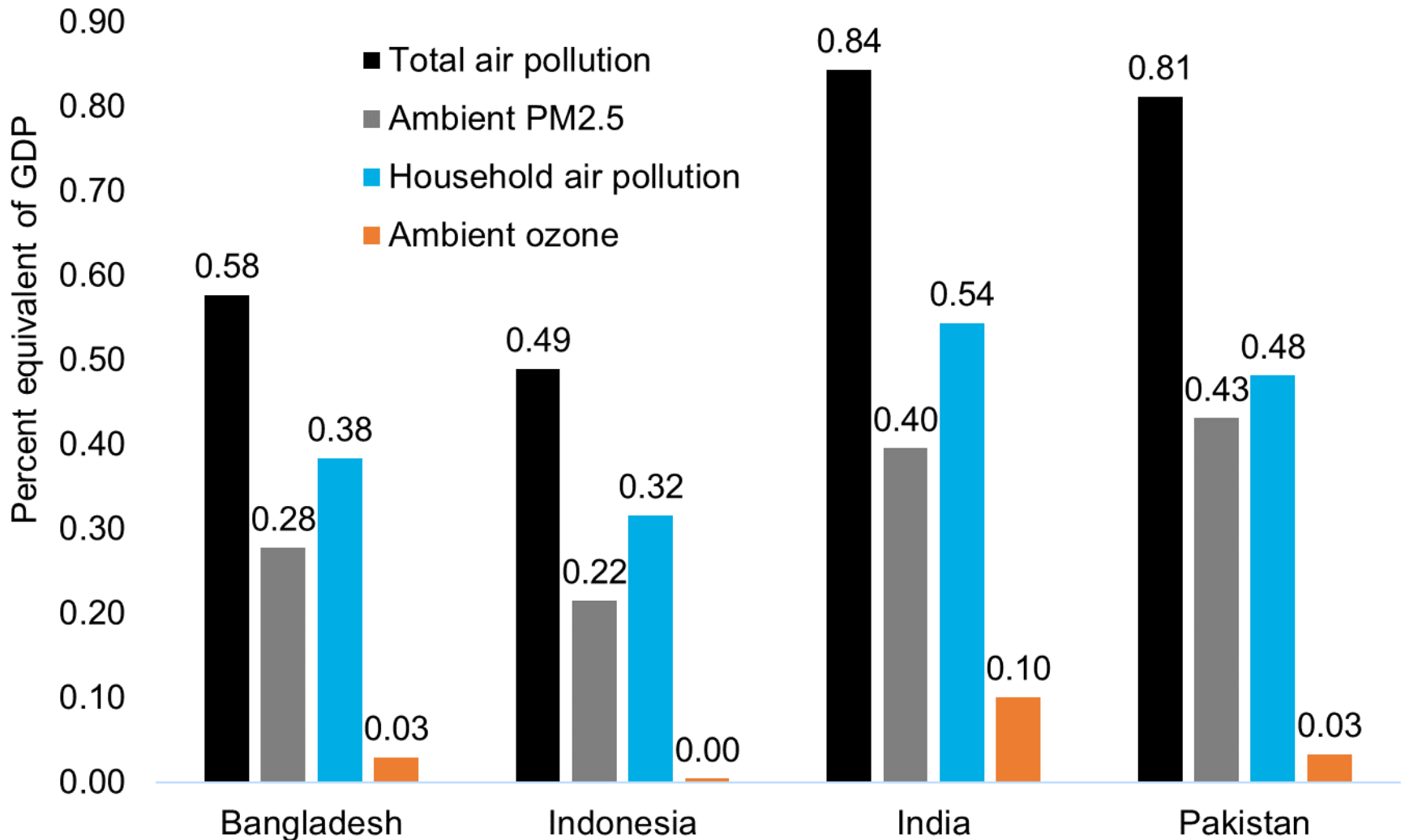
Source: World Bank-IHME (2016)

Welfare losses significantly greater...

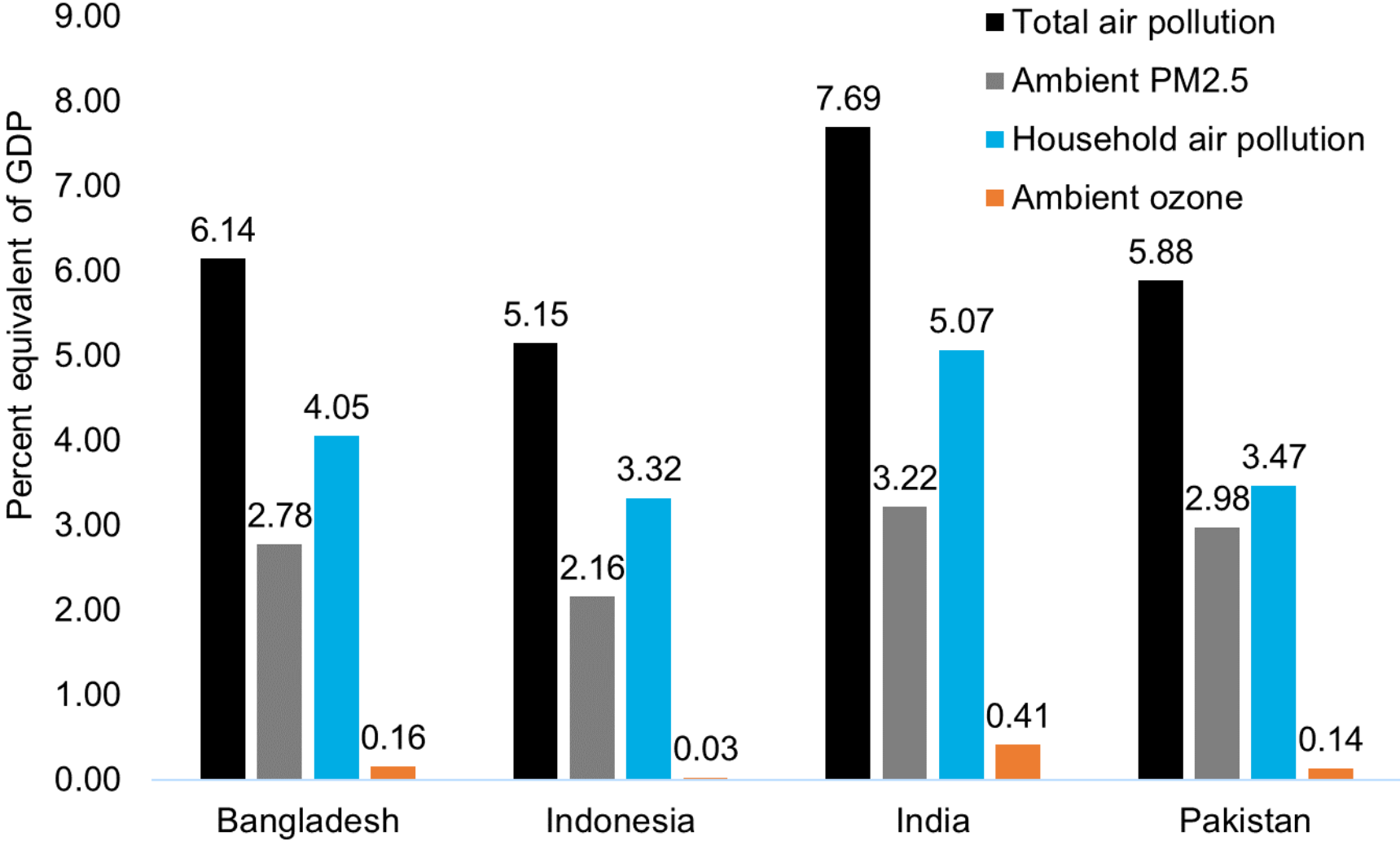


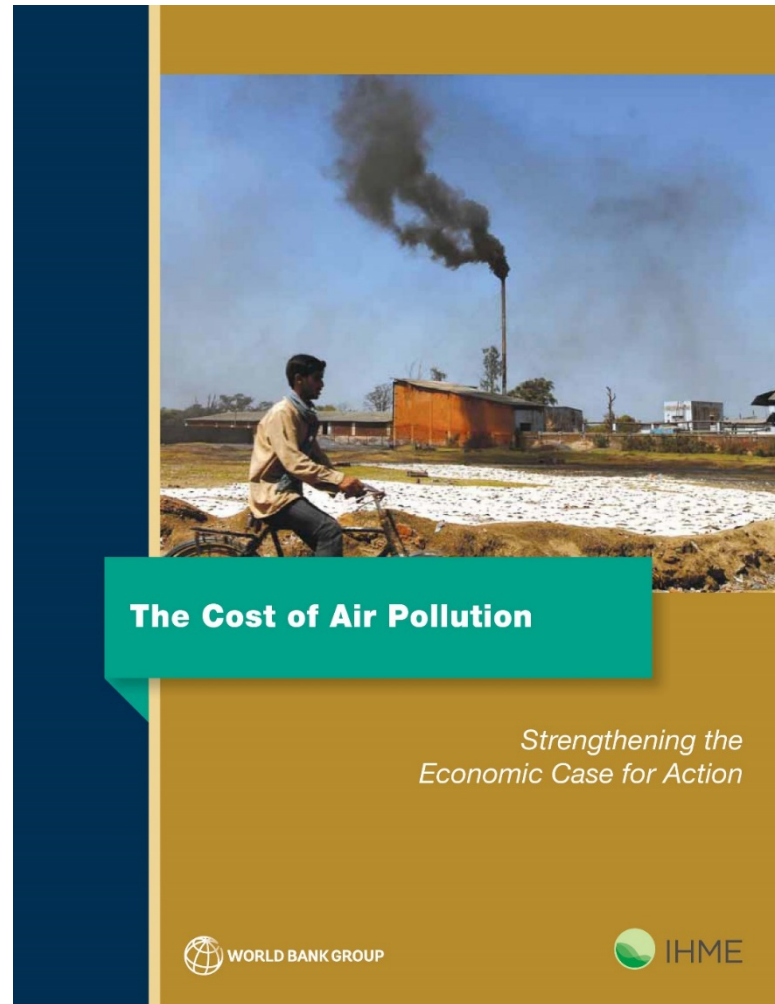
Source: World Bank-IHME (2016)

Labor income losses Bangladesh, Indonesia, India, and Pakistan



Welfare losses Bangladesh, Indonesia, India, and Pakistan





<https://openknowledge.worldbank.org/handle/10986/25013>