**Appendix 3**

TABLE 5 Age- and sex specific prevalence of spirometrically defined COPD (FEV1/FVC <0.7 after the BD test) of countries and life expectancy

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Russia**  **(RESPECT)** | Iceland  (Reykjavik) | Poland  (Krakov) | Norway  (Bergen) |
| Men, n | **672** | 402 | 266 | 334 |
| Overall prevalence (%, SE) | **14.3% (1.5)** | 8.5% (1.4) | 13.3% (1.9) | 11% (1.7) |
| *Age groups (years)* |  |  |  |  |
| 40-49 | **6.8% (2.4)** | 2% (1.2) | 2.1% (1.5) | 4.5% (2.2) |
| 50-59 | **10.7% (2.1)** | 3.3% (1.6) | 10.4% (3.4%) | 11.2% (3.3) |
| 60-69 | **22.5% (3.1)** | 12.5% (3.9) | 19.9% (5.5) | 12.9% (4) |
|  |  |  |  |  |
| Women, n | **1465** | 353 | 260 | 334 |
| Overall | **4.2% (0.6)** | 9.3% (1.6) | 8.6% (1.7) | 5.9% (1.2) |
| *Age*  *groups (years)* |  |  |  |  |
| 40-49 | **2.4% (0.9)** | 3.2% (1.6) | 2% (1.4) | 1.3% (1.2) |
| 50-59 | **4.4.% (0.9)** | 5.1% (2.2) | 6.1% (2.9) | 3.1% (1.7) |
| 60-69 | **5.2% (1.0)** | 17.2% (4.7) | 15.3% (4.4) | 6.5% (2.9) |
|  |  |  |  |  |
| Life expectancy at birth by World Bank (2013)\*, (years) |  |  |  |  |
| Men | **66** | 81,8 | 72,8 | 79,5 |
| Women | **76,4** | 84,5 | 81,1 | 83,5 |
| Total | **71,1** | 83,1 | 76,8 | 81,5 |

COPD defined as post BD: FEV1/FVC < 0.7

Data are % (SE)

\* World Bank (2013): http://data.worldbank.org last updated date: 09.09.2015

Explanation:

The table was made in order to compare the post BD spirometrically defined COPD by fixed ratio FEV1/FVC <0.7 between the RESPECT population and three Northern countries from the BOLD study (Iceland, Poland and Norway).

The population-based sample of the BOLD study was aged 40 years and older. The RESPECT population-based sample was aged 35-70 years.

In the BOLD study the prevalence of GOLD stage II or higher is shown.

In order to compare age-specific prevalence between the RESPECT and BOLD study populations we excluded participants aged 35-39 and 70 years old and calculated the prevalence by three age groups: 40-49, 50-59 and 60-69 years old.