



## Country Fact Sheet

### Democratic People's Republic of Korea

| LAND AND POPULATION   | Year                      | Value    | Unit                  |                      |  |          |                      |  |          |  |  |  |
|---|---------------------------|----------|-----------------------|----------------------|--|----------|----------------------|--|----------|--|--|--|
| <b>Area</b>   |                           |          |                       |                      |  |          |                      |  |          |  |  |  |
| Country total area  | 2016                      | 12 054   | 1 000 ha              |                      |  |          |                      |  |          |  |  |  |
| Cultivated area (arable land + permanent crops)   | 2016                      | 2 580    | 1 000 ha              |                      |  |          |                      |  |          |  |  |  |
| <b>Population</b>   |                           |          |                       |                      |  |          |                      |  |          |  |  |  |
| Total population  | 2017                      | 25 491   | 1 000                 |                      |  |          |                      |  |          |  |  |  |
| Population density  | 2017                      | 211.5    | inhab/km <sup>2</sup> |                      |  |          |                      |  |          |  |  |  |
| Rural population  | 2017                      | 9 934    | 1 000                 |                      |  |          |                      |  |          |  |  |  |
| Economically active population in agriculture   | 2014                      | 2 936    | 1 000                 |                      |  |          |                      |  |          |  |  |  |
| As % of total economically active population  | 2014                      | 20.87    | %                     |                      |  |          |                      |  |          |  |  |  |
| RENEWABLE WATER RESOURCES (RWR)   | Year                      | Value    | Unit                  |                      |  |          |                      |  |          |  |  |  |
| <b>Long-term average annual precipitation</b>   |                           |          |                       |                      |  |          |                      |  |          |  |  |  |
| Depth   |                           | 1 054    | mm/year               |                      |  |          |                      |  |          |  |  |  |
| Volume  |                           | 127      | km <sup>3</sup> /year |                      |  |          |                      |  |          |  |  |  |
| <b>Long-term average annual RWR</b>   |                           |          |                       |                      |  |          |                      |  |          |  |  |  |
| Internal (IRWR)   |                           | 67       | km <sup>3</sup> /year |                      |  |          |                      |  |          |  |  |  |
| External (ERWR)   |                           | 10.15    | km <sup>3</sup> /year |                      |  |          |                      |  |          |  |  |  |
| Total Actual (TRWR)   |                           | 77.15    | km <sup>3</sup> /year |                      |  |          |                      |  |          |  |  |  |
| Dependency ratio  |                           | 13.16    | %                     |                      |  |          |                      |  |          |  |  |  |
| TRWR per capita   | 2017                      | 3 027    | m <sup>3</sup> /year  |                      |  |          |                      |  |          |  |  |  |
| <b>Total dam capacity</b>   | 2015                      | 13.57    | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| WATER WITHDRAWAL  | Year                      | Value    | Unit                  |                      |  |          |                      |  |          |  |  |  |
| <b>By sector</b>  |                           |          |                       |                      |  |          |                      |  |          |  |  |  |
| Agricultural  | 2005                      | 6.61     | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| Municipal   | 2005                      | 0.9028   | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| Industrial  | 2005                      | 1.145    | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| <b>Total</b>  | 2005                      | 8.658    | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| Total water withdrawal per capita   | 2005                      | 357.7    | m <sup>3</sup>        |                      |  |          |                      |  |          |  |  |  |
| <b>By source</b>  |                           |          |                       |                      |  |          |                      |  |          |  |  |  |
| Surface water withdrawal  |                           | -        | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| Groundwater withdrawal  |                           | -        | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| <b>Total freshwater withdrawal</b>  | 2005                      | 8.658    | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| Desalinated water produced  |                           | -        | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| Direct use of treated municipal wastewater  |                           | -        | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| Direct use of agricultural drainage water   |                           | -        | km <sup>3</sup>       |                      |  |          |                      |  |          |  |  |  |
| <b>Pressure on water resources</b>  |                           |          |                       |                      |  |          |                      |  |          |  |  |  |
| Total freshwater withdrawal as % of TRWR  | 2005                      | 11.22    | %                     |                      |  |          |                      |  |          |  |  |  |
| Agricultural water withdrawal as % of TRWR  | 2005                      | 8.568    | %                     |                      |  |          |                      |  |          |  |  |  |
| IRRIGATION AREAS  | Year                      | Value    | Unit                  |                      |  |          |                      |  |          |  |  |  |
| <b>Area equipped for irrigation</b>   |                           |          |                       |                      |  |          |                      |  |          |  |  |  |
| Full control irrigation   | 1995                      | 1 460    | 1 000 ha              |                      |  |          |                      |  |          |  |  |  |
| <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>surface irrigation (1995)</td> <td>1 460</td> <td>1 000 ha</td> </tr> <tr> <td>sprinkler irrigation</td> <td></td> <td>1 000 ha</td> </tr> <tr> <td>localized irrigation</td> <td></td> <td>1 000 ha</td> </tr> </table> | surface irrigation (1995) | 1 460    | 1 000 ha              | sprinkler irrigation |  | 1 000 ha | localized irrigation |  | 1 000 ha |  |  |  |
| surface irrigation (1995)   | 1 460                     | 1 000 ha |                       |                      |  |          |                      |  |          |  |  |  |
| sprinkler irrigation  |                           | 1 000 ha |                       |                      |  |          |                      |  |          |  |  |  |
| localized irrigation  |                           | 1 000 ha |                       |                      |  |          |                      |  |          |  |  |  |
| Equipped lowland areas  |                           | -        | 1 000 ha              |                      |  |          |                      |  |          |  |  |  |
| Spate irrigation  |                           | -        | 1 000 ha              |                      |  |          |                      |  |          |  |  |  |
| <b>Total area equipped for irrigation</b>   | 1995                      | 1 460    | 1 000 ha              |                      |  |          |                      |  |          |  |  |  |
| As % of cultivated area   | 1995                      | 58.4     | %                     |                      |  |          |                      |  |          |  |  |  |
| Area actually irrigated   |                           | -        | 1 000 ha              |                      |  |          |                      |  |          |  |  |  |
| As % of area equipped for irrigation  |                           | -        | %                     |                      |  |          |                      |  |          |  |  |  |

Notes: 1 km<sup>3</sup> = 10<sup>9</sup> m<sup>3</sup> = 1 000 million m<sup>3</sup>; 1 ha = 1 hectare = 10 000 m<sup>2</sup>