



Country Fact Sheet Japan

| LAND AND POPULATION | Year | Value | Unit | | | | | | | | | |
|---|---------------------------|----------|-----------------------|-----------------------------|-----|----------|-----------------------------|----|----------|--|--|--|
| Area | | | | | | | | | | | | |
| Country total area | 2016 | 37 797 | 1 000 ha | | | | | | | | | |
| Cultivated area (arable land + permanent crops) | 2016 | 4 471 | 1 000 ha | | | | | | | | | |
| Population | | | | | | | | | | | | |
| Total population | 2015 | 126 573 | 1 000 | | | | | | | | | |
| Population density | 2016 | 334.9 | inhab/km ² | | | | | | | | | |
| Rural population | 2015 | 8 001 | 1 000 | | | | | | | | | |
| Economically active population in agriculture | 2014 | 1 087 | 1 000 | | | | | | | | | |
| As % of total economically active population | 2014 | 1.742 | % | | | | | | | | | |
| RENEWABLE WATER RESOURCES (RWR) | Year | Value | Unit | | | | | | | | | |
| Long-term average annual precipitation | | | | | | | | | | | | |
| Depth | | 1 668 | mm/year | | | | | | | | | |
| Volume | | 630.5 | km ³ /year | | | | | | | | | |
| Long-term average annual RWR | | | | | | | | | | | | |
| Internal (IRWR) | | 430 | km ³ /year | | | | | | | | | |
| External (ERWR) | | 0 | km ³ /year | | | | | | | | | |
| Total Actual (TRWR) | | 430 | km ³ /year | | | | | | | | | |
| Dependency ratio | | 0 | % | | | | | | | | | |
| TRWR per capita | 2014 | 3 397 | m ³ /year | | | | | | | | | |
| Total dam capacity | 1993 | 28.98 | km ³ | | | | | | | | | |
| WATER WITHDRAWAL | Year | Value | Unit | | | | | | | | | |
| By sector | | | | | | | | | | | | |
| Agricultural | 2009 | 54.43 | km ³ | | | | | | | | | |
| Municipal | 2009 | 15.41 | km ³ | | | | | | | | | |
| Industrial | 2009 | 11.61 | km ³ | | | | | | | | | |
| Total | 2009 | 81.45 | km ³ | | | | | | | | | |
| Total water withdrawal per capita | 2009 | 640.6 | m ³ | | | | | | | | | |
| By source | | | | | | | | | | | | |
| Surface water withdrawal | 2009 | 71.85 | km ³ | | | | | | | | | |
| Groundwater withdrawal | 2009 | 9.372 | km ³ | | | | | | | | | |
| Total freshwater withdrawal | 2009 | 81.22 | km ³ | | | | | | | | | |
| Desalinated water produced | 2009 | 0.04 | km ³ | | | | | | | | | |
| Direct use of treated municipal wastewater | 2011 | 0.195 | km ³ | | | | | | | | | |
| Direct use of agricultural drainage water | | - | km ³ | | | | | | | | | |
| Pressure on water resources | | | | | | | | | | | | |
| Total freshwater withdrawal as % of TRWR | 2009 | 18.89 | % | | | | | | | | | |
| Agricultural water withdrawal as % of TRWR | 2009 | 12.66 | % | | | | | | | | | |
| IRRIGATION AREAS | Year | Value | Unit | | | | | | | | | |
| Area equipped for irrigation | | | | | | | | | | | | |
| Full control irrigation | 2010 | 2 500 | 1 000 ha | | | | | | | | | |
| <table border="1"> <tr> <td>surface irrigation (2010)</td> <td>2 010</td> <td>1 000 ha</td> </tr> <tr> <td>sprinkler irrigation (2010)</td> <td>430</td> <td>1 000 ha</td> </tr> <tr> <td>localized irrigation (2010)</td> <td>60</td> <td>1 000 ha</td> </tr> </table> | surface irrigation (2010) | 2 010 | 1 000 ha | sprinkler irrigation (2010) | 430 | 1 000 ha | localized irrigation (2010) | 60 | 1 000 ha | | | |
| surface irrigation (2010) | 2 010 | 1 000 ha | | | | | | | | | | |
| sprinkler irrigation (2010) | 430 | 1 000 ha | | | | | | | | | | |
| localized irrigation (2010) | 60 | 1 000 ha | | | | | | | | | | |
| Equipped lowland areas | | - | 1 000 ha | | | | | | | | | |
| Spate irrigation | | - | 1 000 ha | | | | | | | | | |
| Total area equipped for irrigation | 2010 | 2 500 | 1 000 ha | | | | | | | | | |
| As % of cultivated area | 2010 | 54.96 | % | | | | | | | | | |
| Area actually irrigated | 2006 | 2 600 | 1 000 ha | | | | | | | | | |
| As % of area equipped for irrigation | 2006 | 92.86 | % | | | | | | | | | |

Notes: 1 km³ = 10⁹ m³ = 1 000 million m³; 1 ha = 1 hectare = 10 000 m²