



## Country Fact Sheet Republic of Korea

LAND AND POPULATION	Year	Value	Unit									
<b>Area</b>												
Country total area	2016	10 034	1 000 ha									
Cultivated area (arable land + permanent crops)	2016	1 644	1 000 ha									
<b>Population</b>												
Total population	2015	50 293	1 000									
Population density	2016	501.2	inhab/km <sup>2</sup>									
Rural population	2015	9 262	1 000									
Economically active population in agriculture	2014	1 016	1 000									
As % of total economically active population	2014	3.994	%									
RENEWABLE WATER RESOURCES (RWR)	Year	Value	Unit									
<b>Long-term average annual precipitation</b>												
Depth		1 274	mm/year									
Volume		127.8	km <sup>3</sup> /year									
<b>Long-term average annual RWR</b>												
Internal (IRWR)		64.85	km <sup>3</sup> /year									
External (ERWR)		4.85	km <sup>3</sup> /year									
Total Actual (TRWR)		69.7	km <sup>3</sup> /year									
Dependency ratio		6.958	%									
TRWR per capita	2014	1 386	m <sup>3</sup> /year									
<b>Total dam capacity</b>	1994	16.2	km <sup>3</sup>									
WATER WITHDRAWAL	Year	Value	Unit									
<b>By sector</b>												
Agricultural	2003	15.96	km <sup>3</sup>									
Municipal	2005	6.924	km <sup>3</sup>									
Industrial	2002	4.45	km <sup>3</sup>									
<b>Total</b>	2005	29.2	km <sup>3</sup>									
Total water withdrawal per capita	2005	605.7	m <sup>3</sup>									
<b>By source</b>												
Surface water withdrawal	2005	25.48	km <sup>3</sup>									
Groundwater withdrawal	2005	3.717	km <sup>3</sup>									
<b>Total freshwater withdrawal</b>	2005	29.04	km <sup>3</sup>									
Desalinated water produced	2005	0.0002	km <sup>3</sup>									
Direct use of treated municipal wastewater	2003	0.157	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	41.66	%									
Agricultural water withdrawal as % of TRWR	2003	22.9	%									
IRRIGATION AREAS	Year	Value	Unit									
<b>Area equipped for irrigation</b>												
Full control irrigation	2009	806.5	1 000 ha									
<table border="1"> <tr> <td>surface irrigation (1996)</td> <td>888.8</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 (1996)	888.8	1 000 ha	sprinkler irrigation		1 000 ha	localized irrigation		1 000 ha			
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localized irrigation		1 000 ha										
Equipped lowland areas		-	1 000 ha									
Spate irrigation		-	1 000 ha									
<b>Total area equipped for irrigation</b>	2009	806.5	1 000 ha									
As % of cultivated area	2009	46.62	%									
Area actually irrigated	2009	806.5	1 000 ha									
As % of area equipped for irrigation	2009	100	%									

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>