

## What is the relation R&D spent vs. GDP?

### Relation between GDP and R&D - conclusions

We show below a table with the R&D variables analysed and its correlation with the GDP per capita in the countries. Marked in bold when significant correlation was found:

R&D variable assessed	Correlation factor with GDP per capita
<b>Gross Domestic Expenditure R&amp;D (GERD)</b>	<b>0.75 - high</b>
Total researchers per thousand labour force	0.52 - medium
<b>Total R&amp;D personnel per thousand labour force</b>	<b>0.66 - high</b>
Business enterprise sector: Total researchers	0.52 - medium
Government sector: Total researchers	0.29 - low
Business-financed GERD as a percentage of GDP	0.36 - low
<b>Government-financed GERD as a percentage of GDP</b>	<b>0.66 - high</b>
% of GERD by the Business Enterprise sector	0.24 low
% of GERD by the Higher Education sector	-0.03 - very low
% of GERD by the Government sector	-0.32 - low
% of GERD by the Private Non-Profit sector	0.13 - very low
<b>Business-financed BERD</b>	<b>0.64 - high</b>
BERD performed in the aerospace industry	0.16 - very low
BERD performed in the pharmaceutical industry	0.56 - medium
BERD performed in service industries	0.59 - medium
Defence Budget R&D as a % of Total GBARD	0.03 - very low
Civil Budget R&D as a % of Total GBARD	-0.03 - very low
Civil GBARD for Economic Development programmes	0.45 - medium
<b>Civil GBARD for Health and Environment programmes</b>	<b>0.63 - high</b>
Civil GBARD for Space programmes	0.18 - very low
<b>Civil GBARD for Non-oriented Research programmes</b>	<b>0.63 - high</b>
<b>Civil GBARD for General University Funds (GUF)</b>	<b>0.75 - high</b>