Germany is a Strong Innovator.
Over time, performance has remained the same compared to that of the EU in 2012.

Firm investments, Innovators and Linkages are the strongest innovation dimensions. Germany performs particularly well on Public-private co-publications, R&D expenditure in the business sector, Enterprises providing ICT training, and Public R&D expenditures. Attractive research systems, Human resources and Innovation-friendly environment are the weakest innovation dimensions. Germany’s lowest indicator scores are on Foreign doctorate students, Population with tertiary education, Lifelong learning, and Venture capital expenditures.

Structural differences with the EU are shown in the table below. Germany shows the highest positive difference to the EU in Top R&D spending enterprises, Employment share high and medium high-tech manufacturing and Government procurement of advanced technology products, and the biggest negative difference in Average annual change in GDP, Enterprise births and FDI net inflows.

European Innovation Scoreboard 2020

<table>
<thead>
<tr>
<th>Indicator</th>
<th>2015</th>
<th>Latest</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross domestic expenditure on R&amp;D (% of GDP)</td>
<td>2.93</td>
<td>3.13</td>
<td>3.00</td>
</tr>
<tr>
<td>Tertiary educational attainment (% of population aged 30-34)</td>
<td>32.3</td>
<td>35.2</td>
<td>42.0</td>
</tr>
</tbody>
</table>

1 Sources are provided in the introduction to the country profiles.

EU targets for 2020

**Summary Innovation Index**

**Europe**

**Germany**

The colours show normalised performance in 2019 relative to that of the EU in 2019: dark green: above 125%; light green: between 95% and 125%; yellow: between 50% and 95%; orange: below 50%. Normalised performance uses the data after a possible imputation of missing data and transformation of the data.