Report card: Croatia

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Split, Croatia
Report card: Croatia

Structures
# Report card: Croatia

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Population</td>
<td>4,284,889</td>
</tr>
<tr>
<td>GDP</td>
<td>US$ 48.73 billion (2015)</td>
</tr>
<tr>
<td>Gross exp on R&amp;D</td>
<td>HRK 354,205,837 (2015 US$ 5.2 million)</td>
</tr>
<tr>
<td>Amount of spending on research (as part of GDP)</td>
<td>0.79% BDP (2014)</td>
</tr>
<tr>
<td>% private, public and charity funding (as part of GDP)</td>
<td>Not available</td>
</tr>
</tbody>
</table>
## Report card: Croatia

<table>
<thead>
<tr>
<th>Number of researchers</th>
<th>9308 researchers (MS/MA or/and PhD degrees) in 2013, fully employed; 767 part-time; 1093 on contract</th>
</tr>
</thead>
</table>
| Number of research institutions | - 119 higher education institutions (8 public universities, 2 private universities, 68 univ. schools and art academies, 1 university center at a public university; 4 private polytechnics; 11 public polytechnics, 22 private colleges, 2 public colleges)  
- 25 public scientific institutes  
- 70 legal entities outside the system of higher education and research (National and University Library, Croatian Academy of Sciences and Arts, the Lexicographic Institute “Miroslav Krleža”), hospitals and healthcare institutions with research units, national institutes, archives, museums etc. |
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Processes
# Report card: Croatia

<table>
<thead>
<tr>
<th>Whether a country has scientific strategy</th>
<th>Strategy for Education, Science and Technology of the Parliament of the Republic of Croatia</th>
</tr>
</thead>
<tbody>
<tr>
<td>National bodies</td>
<td>National Committee for Ethics in Research and Higher Education – national body appointed by the Parliament of the Republic of Croatia</td>
</tr>
</tbody>
</table>

**Laws with implications for research integrity**

- **Law on Research and Higher Education** (in 2009, Croatia cited as one of the rare European countries that introduced RI into law)

**Organizational structure of research integrity**

- Professional bodies (such as Chamber of Physicians)
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Environment
<table>
<thead>
<tr>
<th>Number of researchers and others involved in research integrity</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage of postdoctoral students who get paid positions</td>
<td>Not available</td>
</tr>
<tr>
<td>Percentage of grant success for applications to national funders</td>
<td>~30% (2014)</td>
</tr>
<tr>
<td>Budget of funding agencies</td>
<td>CSF: ~ HRK 100 million (2105 US$ 12 million)</td>
</tr>
<tr>
<td>National code of research conduct and how it is disseminated and enforced</td>
<td>Ethics code of the Committee for Ethics in Research and Higher Education</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Whether there is training and education in research integrity, whether it is mandatory and for whom, and by whom it is requested if so, and whether such training is evaluated and monitored</td>
<td>No training required</td>
</tr>
<tr>
<td>How and by whom investigations of alleged misconduct and undesirable conduct are done, and whether outcomes of proven misconduct are publicly available</td>
<td>Committee for Ethics in Research and Higher Education Institutions</td>
</tr>
<tr>
<td>Degree of cooperation between institutions</td>
<td>Not known</td>
</tr>
<tr>
<td>Protection of whistleblowers</td>
<td>Not addressed in regulations related to RI</td>
</tr>
<tr>
<td>Designated research integrity officers in institutions, whether they are mandatory, and who educates them</td>
<td>Not defined</td>
</tr>
<tr>
<td>Question</td>
<td>Answer</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Whether there is research into research integrity and how much funding is there for it and who funds</td>
<td>None</td>
</tr>
<tr>
<td>Annual meetings on research integrity</td>
<td>None</td>
</tr>
<tr>
<td>Is mandatory registration of clinical trials and other research and of result</td>
<td>Registration mandatory only for medicines, as defined by the Ordinance on Clinical Trials of Medicines and Good Clinical Practice</td>
</tr>
<tr>
<td>Open and accessible data</td>
<td>No</td>
</tr>
</tbody>
</table>
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Outcomes
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incentives for institutions or individuals or both based on research outputs, including research assessment frameworks and exercises</td>
<td>Yes for institutions, part of accreditation procedure</td>
</tr>
<tr>
<td>Is research integrity part of institutional quality assessment?</td>
<td>Not so far, but possible</td>
</tr>
<tr>
<td>Is there research impact assessment and translation of research findings to the community?</td>
<td>Yes</td>
</tr>
<tr>
<td>What is the public’s perception of research integrity in their country, what is their trust in science?</td>
<td>Low</td>
</tr>
<tr>
<td>Is research integrity discussed in the lay press</td>
<td>Yes, in relation to scandals</td>
</tr>
<tr>
<td>Are there rewards for collaborative science and incentives for networks</td>
<td>Not known</td>
</tr>
<tr>
<td>Efforts to increase the value of research to society and reduce wasteful research.</td>
<td>Not known</td>
</tr>
<tr>
<td>Disincentives</td>
<td>Corruption in academia</td>
</tr>
<tr>
<td>Resources</td>
<td>None official or systematic</td>
</tr>
</tbody>
</table>
Thank you!

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