

Structure of “Science in figures”: overview of themes, factsheets and data publications

Sub-theme	Factsheets	Type ¹	Data publications
<u>Policy and structure</u>	The Dutch knowledge infrastructure Governance of science Science policy and innovation policy		
<u>Investments</u>	Funding and performance of R&D in the Netherlands Government funding of R&D Summary of Total Investment in Research and Innovation (TWIN) 2015-2021 R&D investment in international perspective R&D expenditure and capacity by field of science Public knowledge organisations	NLD NLD NLD NLD NLD NLD NLD NLD NLD/INT INT INT INT INT NLD NLD NLD NLD NLD NLD NLD	R&D expenditure in the Netherlands Total R&D in the Netherlands by sector of performance, source of funds, activity type and type of costs R&D expenditure in the Netherlands by funding source and sector of performance R&D funding flows of companies going abroad and coming from abroad R&D expenditure in the Netherlands by funding source (total) R&D expenditure in the Netherlands by sector of performance (trend) Total R&D in the Netherlands by sector of performance R&D expenditure of the business enterprise sector by subsector and company size Government support in the Netherlands for R&D Government support for R&D in the Netherlands - by type of funding R&D expenditure: international R&D expenditure by sector of performance and field of science R&D expenditure, funded by the government and business enterprises, as % of GDP Government budgets for R&D, in % of GDP R&D expenditure in the public sector, privately funded, in % R&D expenditure by sector of performance, as a % of GDP Scientific education and research institutes: Income Budget Ministry of OCW for research and science Income of universities in the Netherlands by source of funds Income NWO by source of funds Income KNAW by source of funds Income TNO by funding source Income Wageningen Research institutes by funding source Income of the Large Technological Institutes by funding source

¹ 'NLD' implies the data concern the Netherlands; 'INT' implies comparative data from other countries are included in the data publication.

		<p>NLD NLD NLD NLD NLD</p> <p>NLD NLD NLD</p>	<p>Scientific education and research institutes: Expenditure Expenditure of universities in the Netherlands by type of expenditure NWO expenditure by purpose KNAW expenditure by purpose TNO turnover by theme and areas of expertise Research expenditure by private non-profit funds</p> <p>The Netherlands in European research programmes The Netherlands in the EU Framework Programmes EU Framework Programme funding compared to national public funding Division of H2020 revenues in the Netherlands, by type of organization and societal challenge</p>
Personnel	<p>Academic careers of researchers Academic careers of researchers Postdocs Professors</p>	<p>NLD INT NLD/INT</p> <p>NLD NLD NLD NLD NLD</p> <p>NLD NLD/INT NLD NLD</p> <p>NLD NLD NLD</p>	<p>R&D personnel: all sectors R&D personnel and researchers in the Netherlands, by sector R&D personnel as a share of the labour force (international) The share of women researchers in the Netherlands and other countries</p> <p>University personnel University personnel by main category (scientific and non-scientific personnel) University personnel by function category and temporary contract University positions by age and gender University personnel by category and gender University scientific personnel by age and function</p> <p>University personnel: share of women and by region Share of women university personnel by function category Share of women professors in the Netherlands and EU countries The share of foreign scientific personnel at Netherlands universities, by area of origin The share of foreign scientific personnel at Netherlands universities</p> <p>University research capacity Research capacity of universities in the Netherlands Research capacity by university and funding flow University research capacity, by scientific area and funding flow</p>

<p><u>Process</u></p>	<p>Scientific excellence Rankings</p> <p>Collaboration in R&D</p>	<p>INT NLD NLD NLD</p> <p>NLD INT INT INT INT</p>	<p>Excellence: NWO and ERC</p> <p>ERC research grants by country, university and domain</p> <p>NWO "Vernieuwingsimpuls" research grants by university and type of grant</p> <p>Career development of the "Vernieuwingsimpuls" laureates</p> <p>NWO acceptance rates</p> <p>Collaboration</p> <p>Publication output universities by type of collaboration</p> <p>Share of international co-publications (international)</p> <p>International co-publications of the Netherlands: growth per scientific domain</p> <p>Share of public - private co-publications (international)</p> <p>Collaboration between innovative companies and public research organisations</p>
<p><u>Products</u></p>	<p>Academic output</p>	<p>INT INT NLD NLD NLD NLD NLD</p> <p>NLD INT INT NLD NLD</p> <p>NLD/INT NLD/INT NLD/INT INT</p>	<p>Publication output</p> <p>Scientific publications, international benchmark (WoS)</p> <p>Publication output by scientific field, international benchmark (WoS)</p> <p>Scientific publications in the Netherlands by institutional sector (WoS)</p> <p>Scientific publication output per university (WoS)</p> <p>NWO and KNAW institutes: scientific publication output and citation impact (WoS)</p> <p>Scientific publications by Dutch universities</p> <p>PhD-theses by Dutch universities</p> <p>Citation impact</p> <p>Citation impact of all scientific publications and international co-publications (WoS)</p> <p>Top 1% and top 10% cited publications (WoS)</p> <p>Citation impact of scientific publications in the Netherlands (WoS)</p> <p>Citation impact score of Dutch universities (WoS)</p> <p>Performance profile of the Netherlands research system (based on WoS)</p> <p>Patents</p> <p>Absolute number of EPO-patent requests by priority year</p> <p>EPO-patent requests per billion euro business R&D expenditure</p> <p>EPO-patents per million population</p> <p>Number of patent requests filed at three patent offices</p>

	PhD and master degrees in the Netherlands	NLD INT INT NLD	Doctorate holders and higher education graduates New doctorate holders in the Netherlands Relative number of doctorate degrees (PhD degrees) Share of graduates in science and technology in higher education Share of women amongst new doctorate holders in the Netherlands
Impact	The innovative capacity of the Netherlands Public trust in science	INT NLD/INT INT	The share of innovative enterprises The innovative performance of the Netherlands and the EU-28 The innovative performance of EU countries