

Dataset collection

Research and Innovation Observatory

Description:

The Research and Innovation Observatory (RIO) monitors and analyses research and innovation developments at country and EU levels to support better policy making in Europe. The Horizon2020 Policy Support Facility (PSF) offers practical support to Member States and Associated Countries to design, implement and evaluate reforms that enhance the quality of their research and innovation investments, policies and systems.

Contact point email:

jrc-ri-observatory@ec.europa.eu

Landing page:

<https://rio.jrc.ec.europa.eu/>

Datasets:

- Broadband – households having access to the internet [jrc-10113-rio_bband_acc]
- BERD financed by public (government only) funds [jrc-10113-rio_berd_by_publ]
- BERD performed by SMEs as % of GDP and as % of total BERD [jrc-10113-rio_berd_by_sme]
- Business enterprise R&D; expenditure (BERD) by source of funds (value or intensity) [jrc-10113-rio_berd_by_source]
- New graduates from tertiary education [jrc-10113-rio_educ_tert_shares]
- Employment in Knowledge Intensive Activities (KIA) as % of total employment [jrc-10113-rio_empl_kia_perc]
- Employment in medium-high and high-tech manufacturing [jrc-10113-rio_empl_med_ht_manuf]
- Expenditure on education as % of GDP (by education level) [jrc-10113-rio_exp_on_educ]
- Collection of patent data in different sectors, thematic areas and societal challenges [jrc-10113-rio_fh_patent_data]
- Government budget appropriations or outlays on R&D; (GBAORD) as % of general government expenditure [jrc-10113-rio_gbaord]
- Government budget appropriations or outlays for R&D; [jrc-10113-rio_gbaord_nabs07]
- Gender breakdown of employment in knowledge intensive business industries [jrc-10113-rio_gender_in_ki_biz]
- Total intramural R&D; expenditure (GERD) financed by abroad [jrc-10113-rio_gerd_by_abr]
- Total intramural R&D; expenditure (GERD) financed by business enterprise [jrc-10113-rio_gerd_by_bes]
- Total intramural R&D; expenditure (GERD) financed by government [jrc-10113-rio_gerd_by_gov]
- Total intramural R&D; expenditure (GERD) and R&D; intensity [jrc-10113-rio_gerd_by_rd_intensity]
- Total intramural R&D; expenditure (GERD) by sector of performance [jrc-10113-rio_gerd_by_sectperf]
- Total intramural R&D; expenditure (GERD) by source of funds [jrc-10113-rio_gerd_by_source]
- High growth enterprises (growth by 10% or more) and related employment by NACE 2-digit level [jrc-10113-rio_hg_entr_empl]
- Highly cited publications [jrc-10113-rio_highly_cited_publ]
- Human resources in science and technology (HRST) by sub-groups [jrc-10113-rio_hrst_st_total]
- High-tech exports [jrc-10113-rio_htech_exports]
- Share of enterprises cooperation with academia [jrc-10113-rio_inn_cis8_coop]
- Innovative enterprises as % of total enterprises – by size class and type of innovation [jrc-10113-rio_inno_ent_2012_by_size]
- Innovation Output Indicator [jrc-10113-rio_inno_output_mv]
- New doctoral graduates per thousand population aged 25-34 [jrc-10113-rio_new_doct_grad]
- Number of researchers (male, female) by sector (public and private) [jrc-10113-rio_num_of_researcher]
- Total Patent Cooperation Treaty (PCT) applications [jrc-10113-rio_oecd_patents]
- International co-patenting [jrc-10113-rio_oecd_pats_coop]
- The PREF study – Analysis of national public research funding, data [jrc-10113-rio_pref_data_distr]
- Private Enterprise Expenditure on R&D; {absolute value and intensity} [jrc-10113-rio_priv_exp_rd]
- Firm demography (birth and death rate) [jrc-10113-rio_prod_firm_demo]
- Growth rates of labour productivity [jrc-10113-rio_prod_lprod]
- Relative productivity levels by firm size compared to large firms [jrc-10113-rio_prod_lprod_by_firm_size]
- Public R&D; financed by business enterprise [jrc-10113-rio_publ_gerd_by_bes]
- Public (government and higher education) R&D; expenditure as % of GDP [jrc-10113-rio_publ_rd_as_gdp]
- R&D; performed by the public sector by source of funds [jrc-10113-rio_publ_sect_rd_by_source]
- Progress made to R&D; intensity targets (EU only) [jrc-10113-rio_rd_int_progress]
- Scientists and engineers as % of active population [jrc-10113-rio_scieng_of_act]

- [Students in tertiary education by gender](#) [jrc-10113-rio_students_in_tert]
- [The EU headline target on the tertiary attainment of 30-34 year olds](#) [jrc-10113-rio_t2020_41]
- [Turnover from innovation](#) [jrc-10113-rio_tsdec340]
- [Unemployment rates by education level](#) [jrc-10113-rio_unemp_edlevel]
- [Value added for knowledge-intensive services \(KIS\) and high-tech and medium-high-tech industries as % of total value added](#) [jrc-10113-rio_va_for_kis]
- [Value added of manufacturing by technological intensity \(as % of total value added and as % of manuf. value added\)](#) [jrc-10113-rio_va_for_manuf]
- [Value added in services by knowledge intensity](#) [jrc-10113-rio_va_for_serv]
- [Venture capital investments](#) [jrc-10113-rio_venture]