

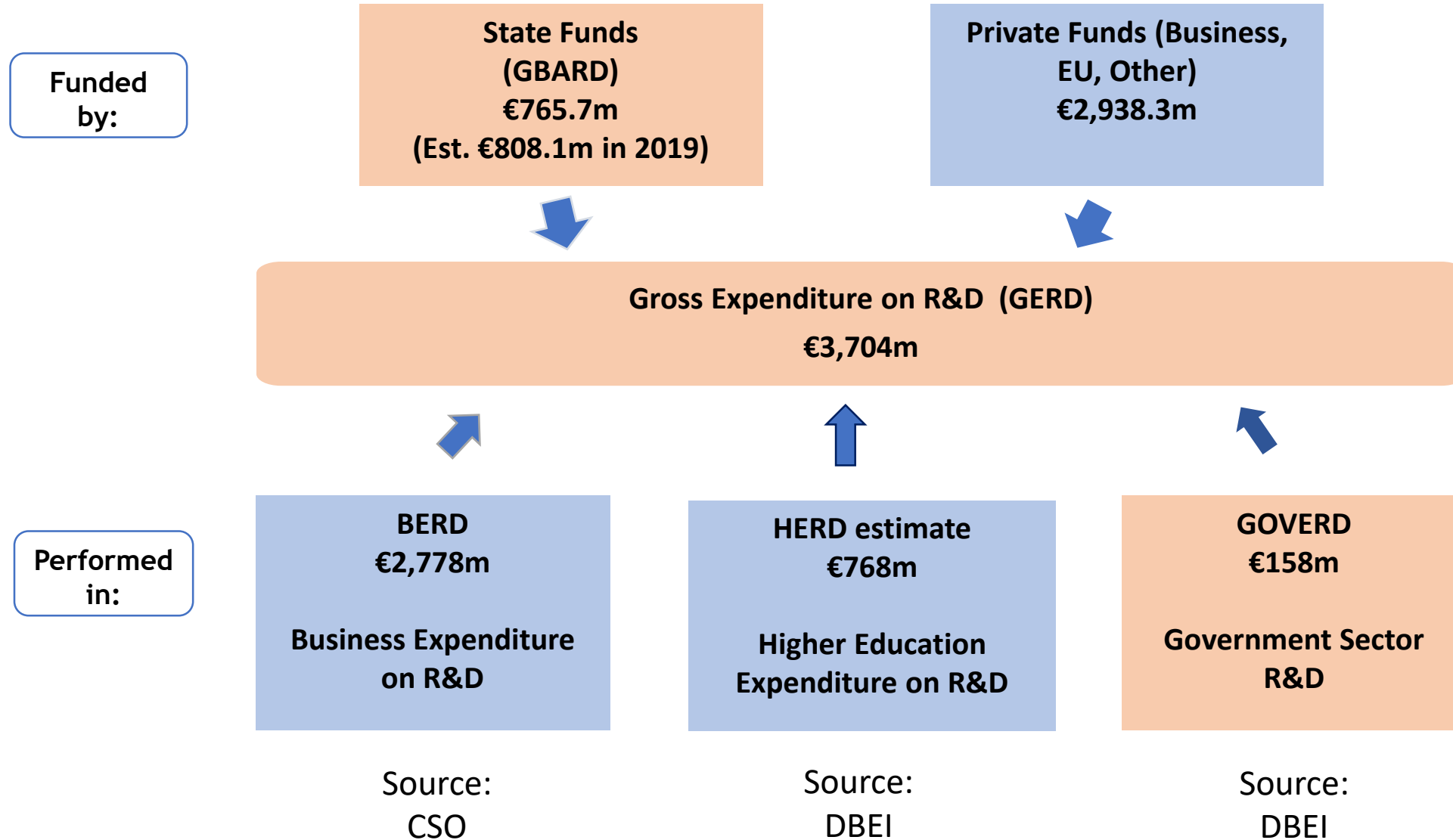


Rialtas na hÉireann  
Government of Ireland

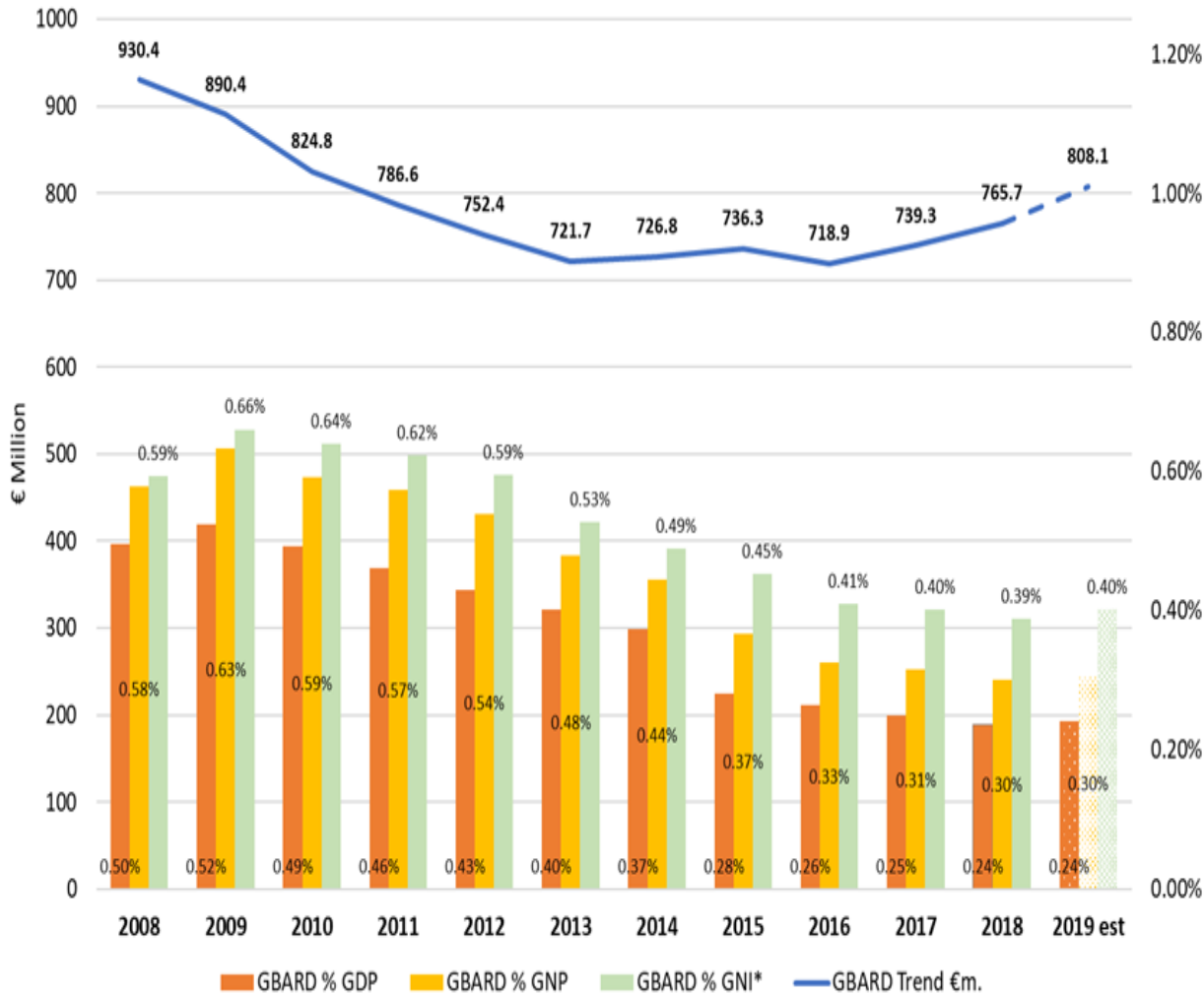
# The R&D Budget 2018-2019

Prepared by the Department of Business, Enterprise and Innovation  
November 2019

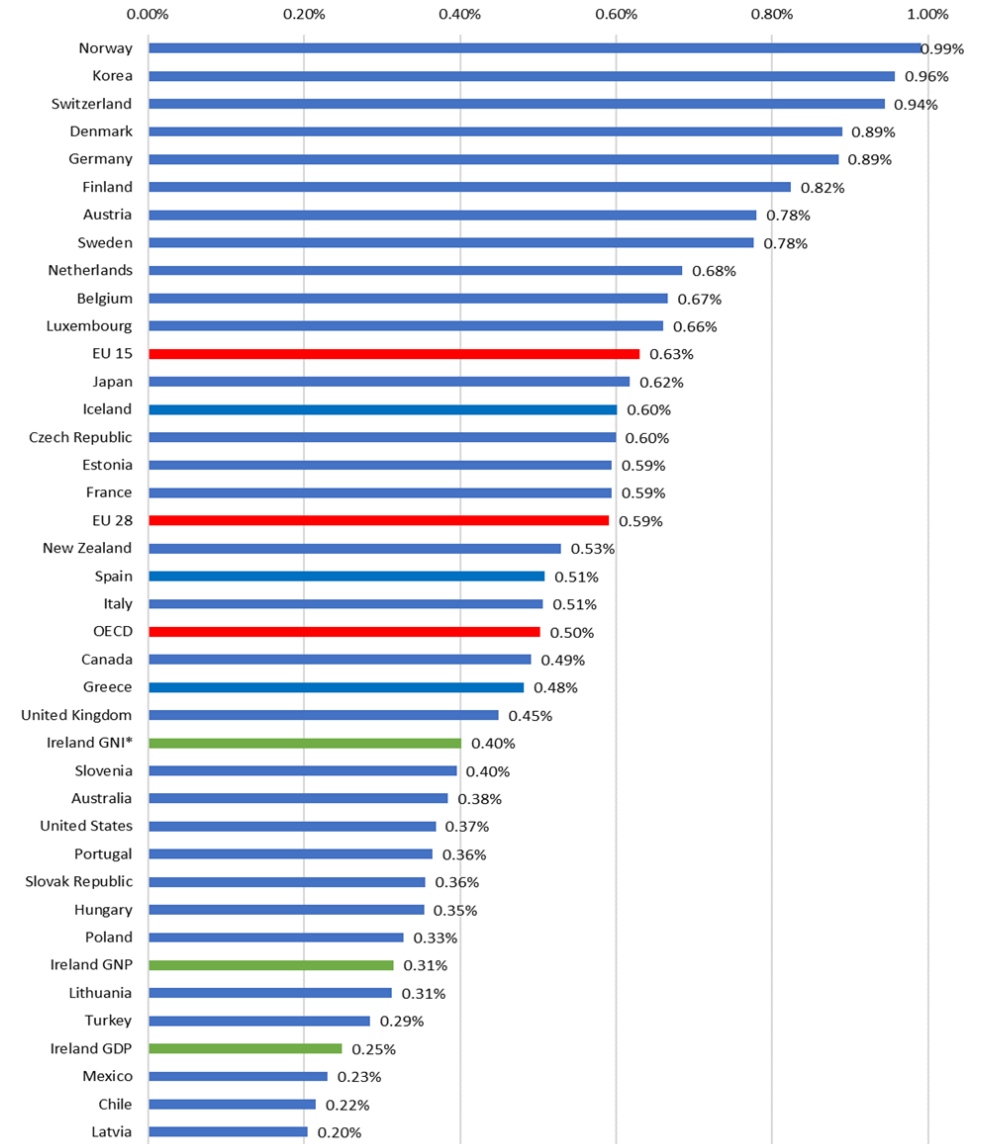
# The R&D Budget 2018



# GBARD - Government R&D Budget (€m) and as % of GDP/GNP/GNI\*, 2008-2019

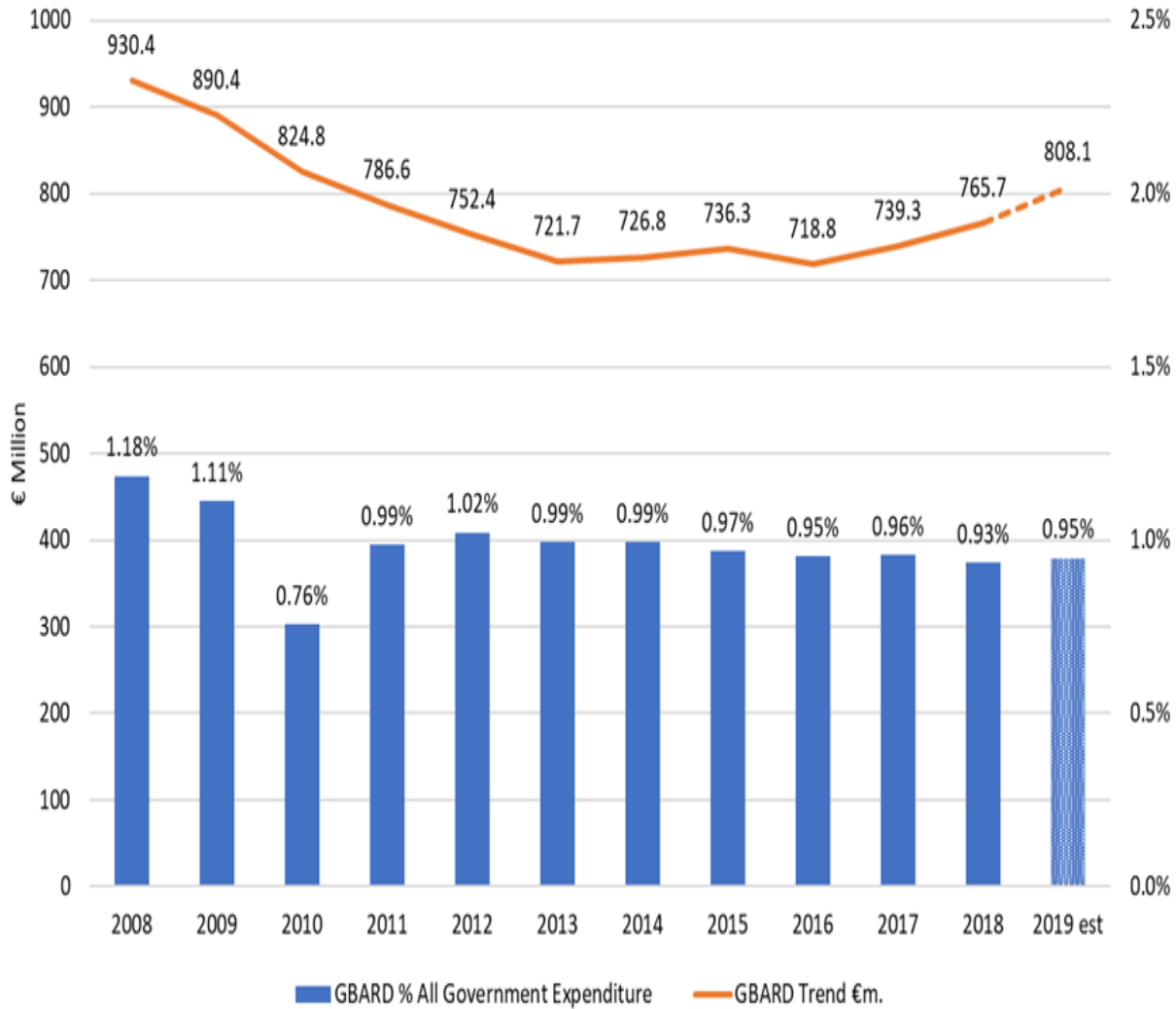


# International Comparison – Civil GBARD as % of GDP & GNP/GNI\* for Ireland, 2017

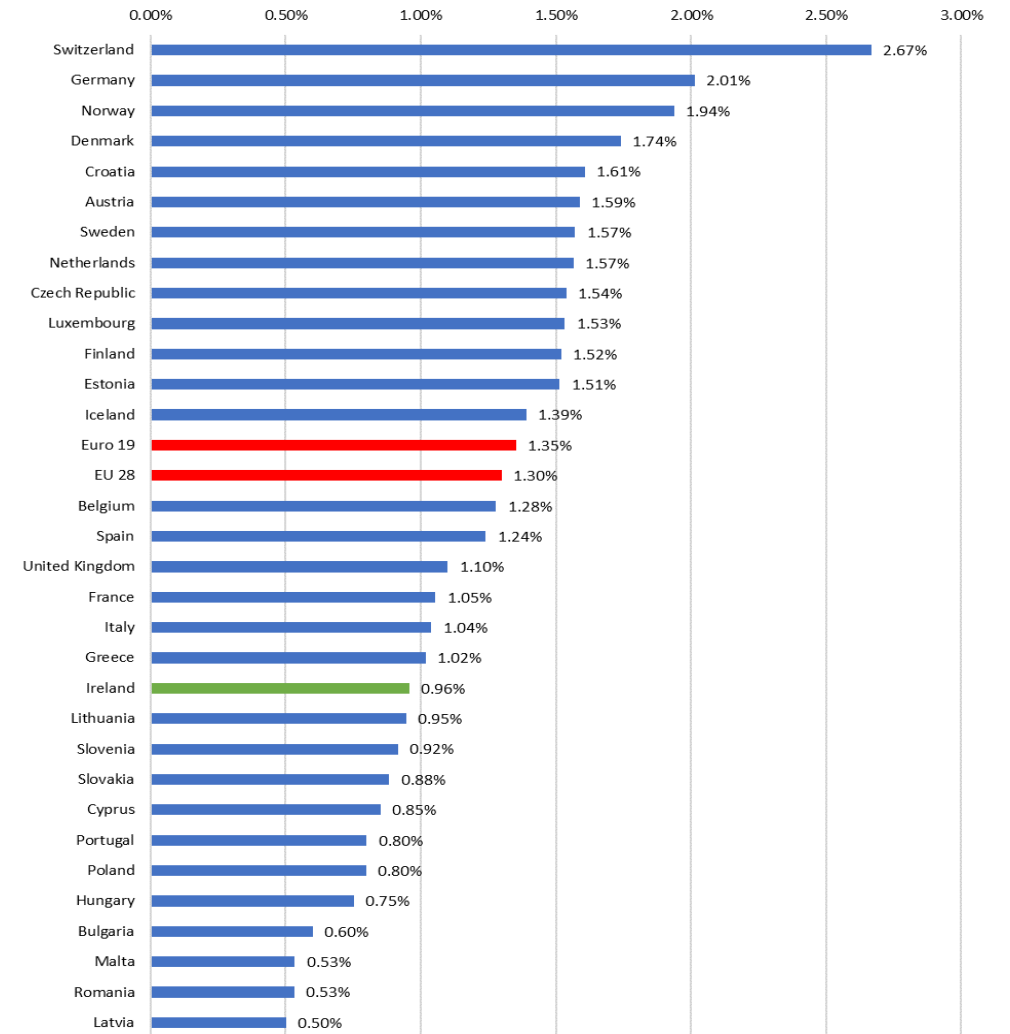


Source: OECD

## GBARD as a % of Total Government Expenditure, 2008-2019

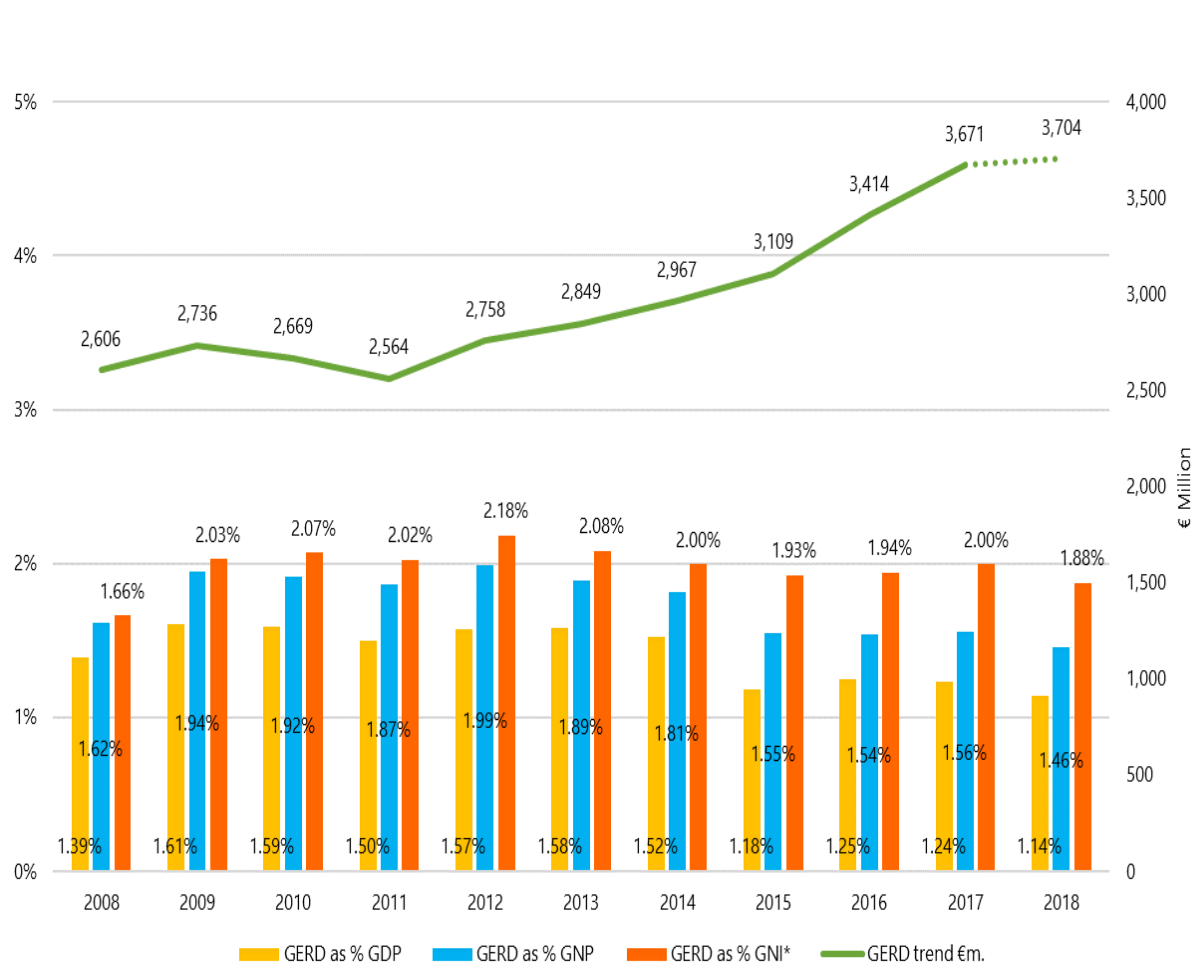


## International Comparison - Civil GBARD as a % of Total Government Expenditure, 2017

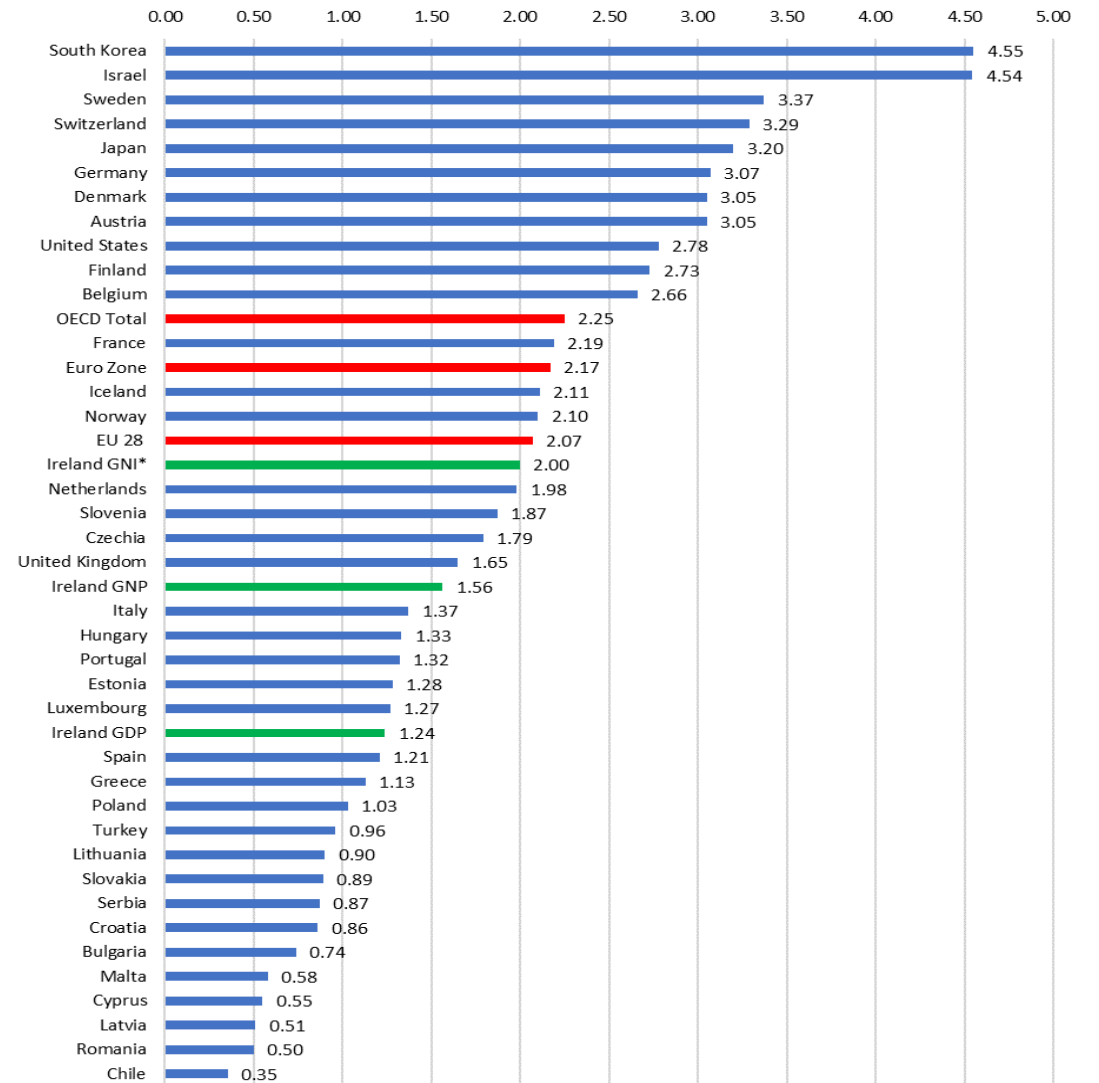


Source: Eurostat

## Gross Expenditure on R&D (GERD) and as a percentage of GDP/GNP/GNI\*, 2008-2018

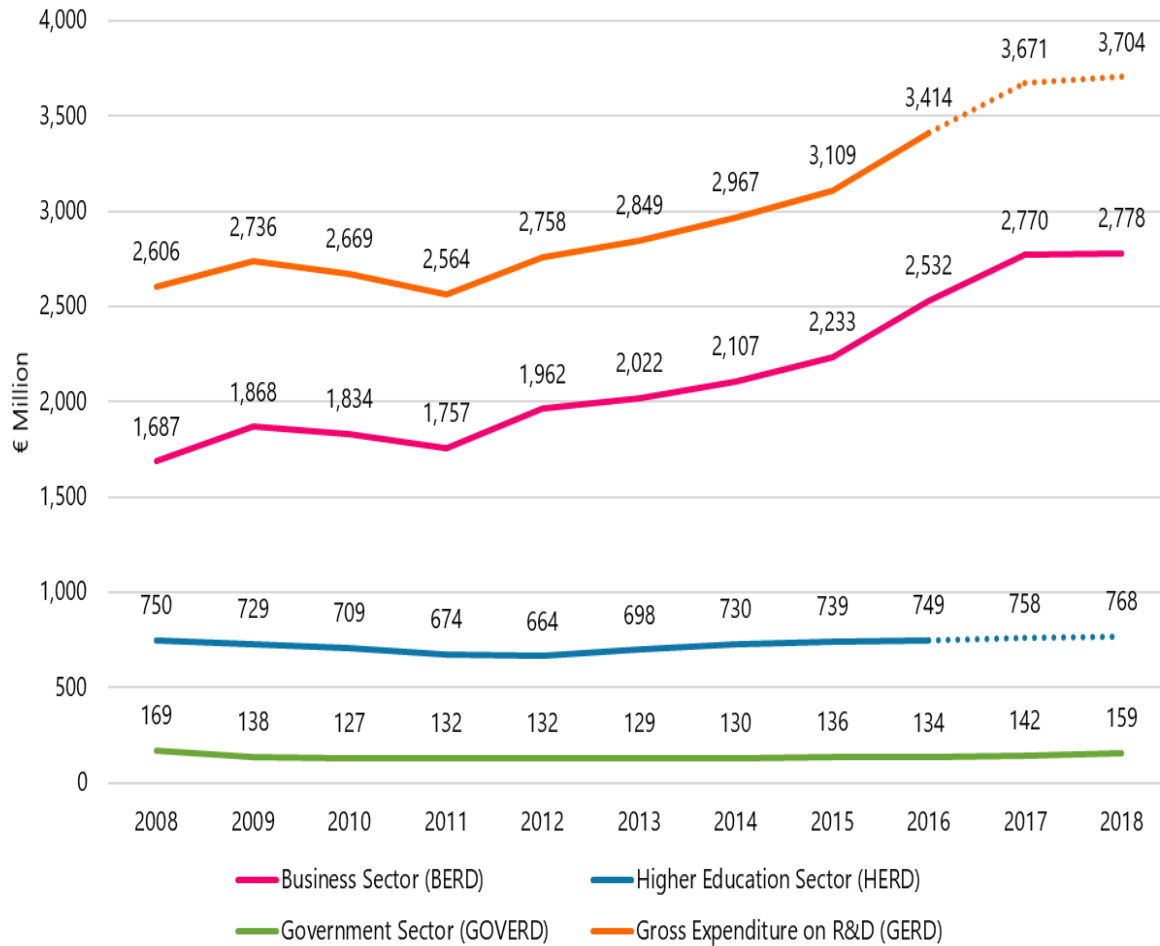


## International Comparison - Civil GERD as % of GDP & GNP/GNI\* for Ireland, 2017



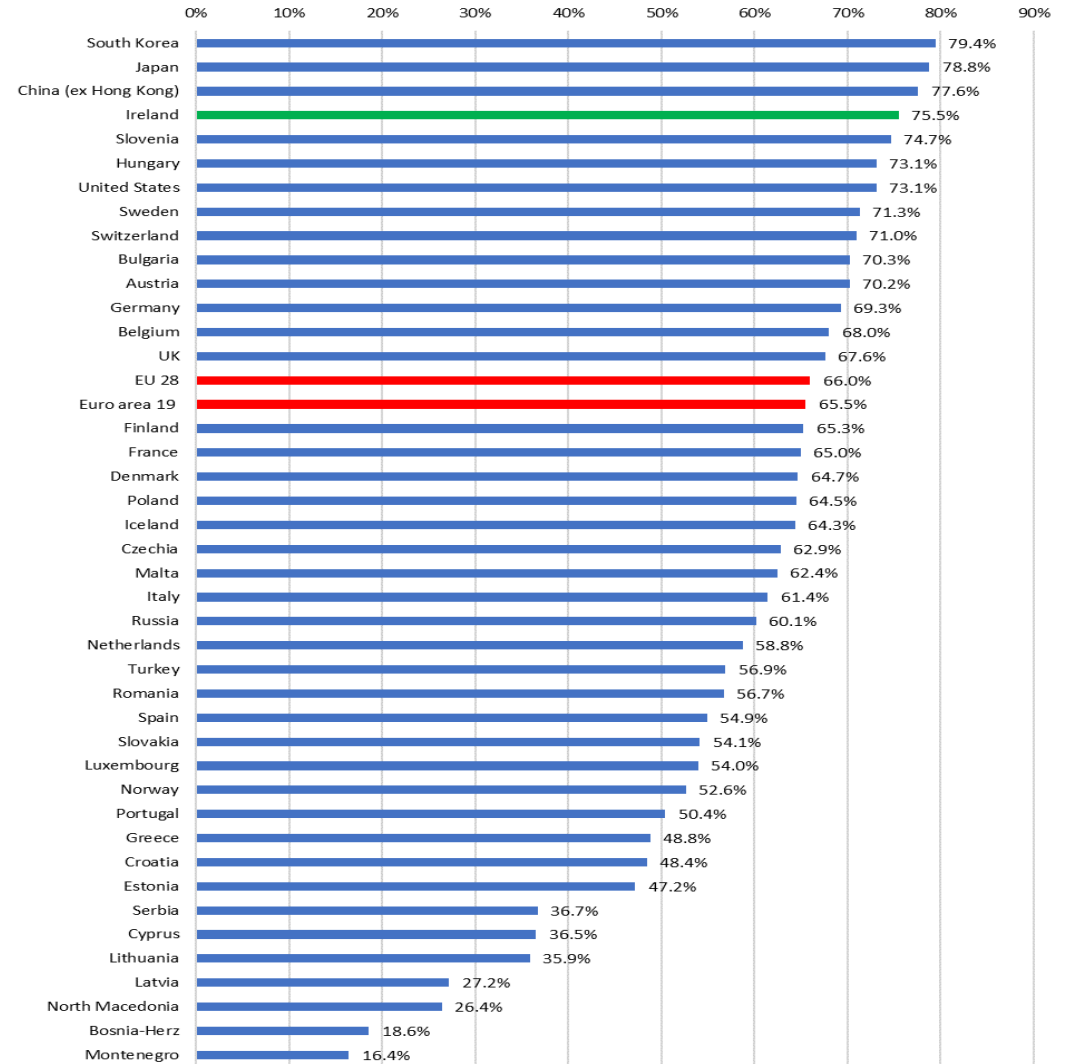
Source: OECD and Eurostat

## Gross Expenditure on R&D (GERD) by Sector, 2008-2018



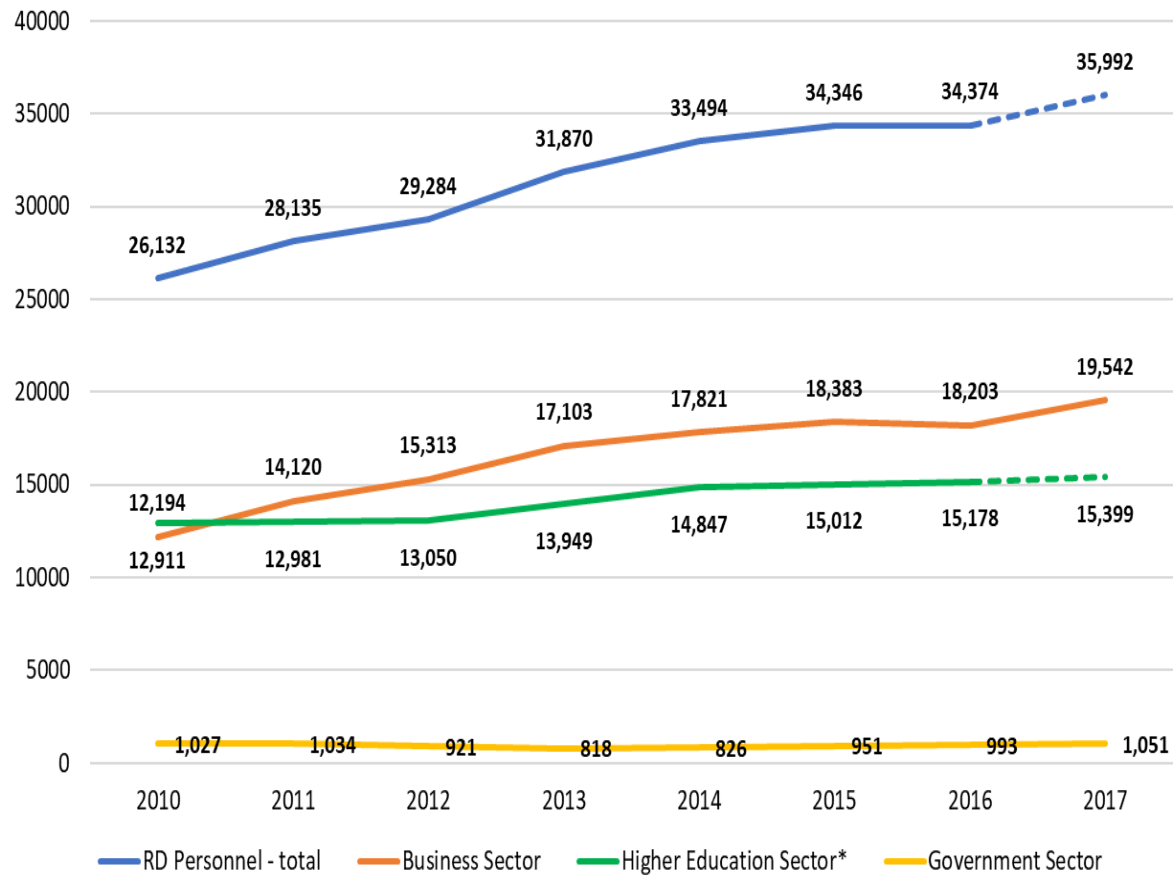
**Note: HERD figures for 2017 and 2018 are estimates**

## International Comparison – Share of GERD performed in Business Sector, 2017

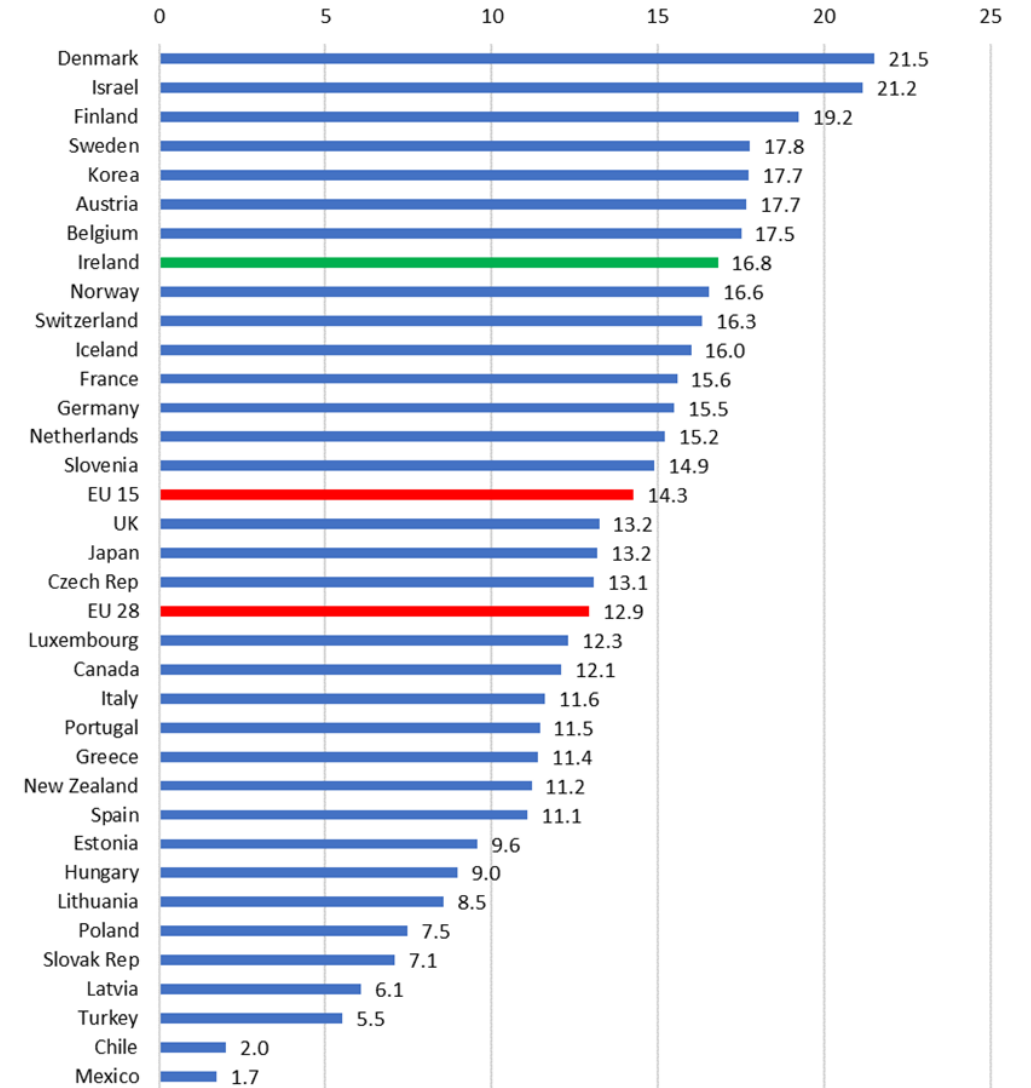


Source: OECD

# R&D Personnel (FTE) in Ireland by Sector, 2010-2017

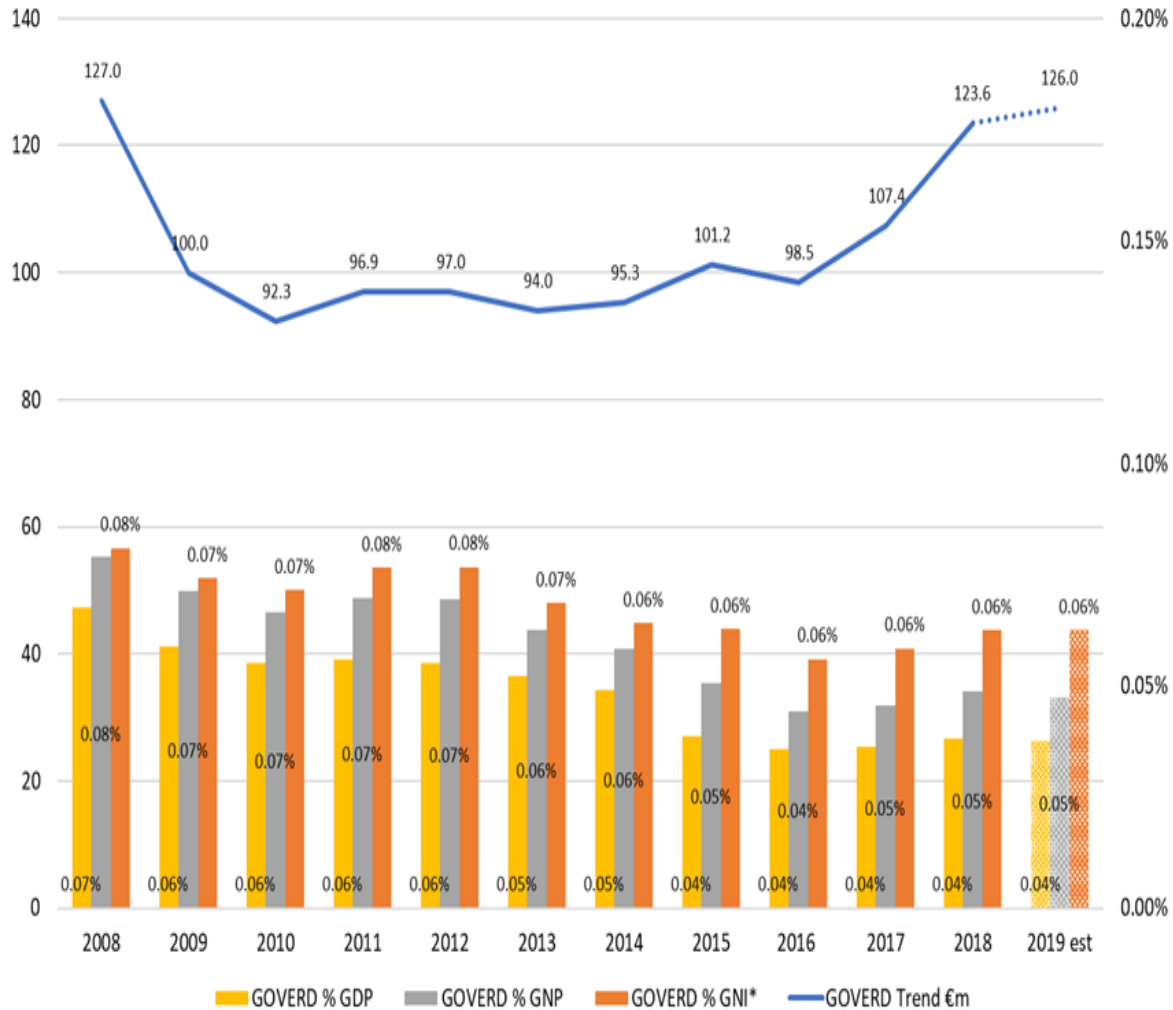


# International Comparison - R&D Personnel per Thousand Employed, 2017

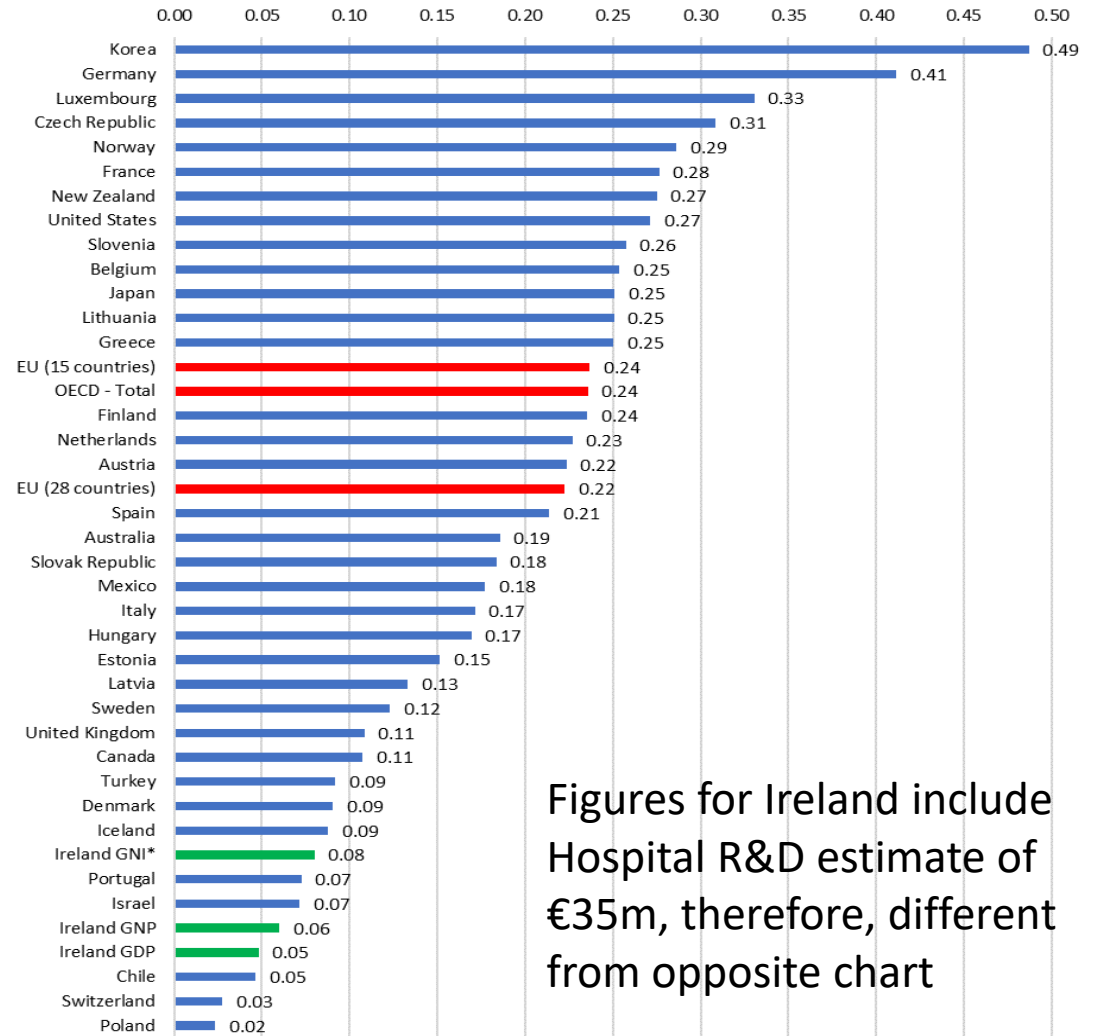


Source: OECD

# GOVERD trend (€m) and GOVERD as % of GDP/GNP/GNI\* (2008-2019)



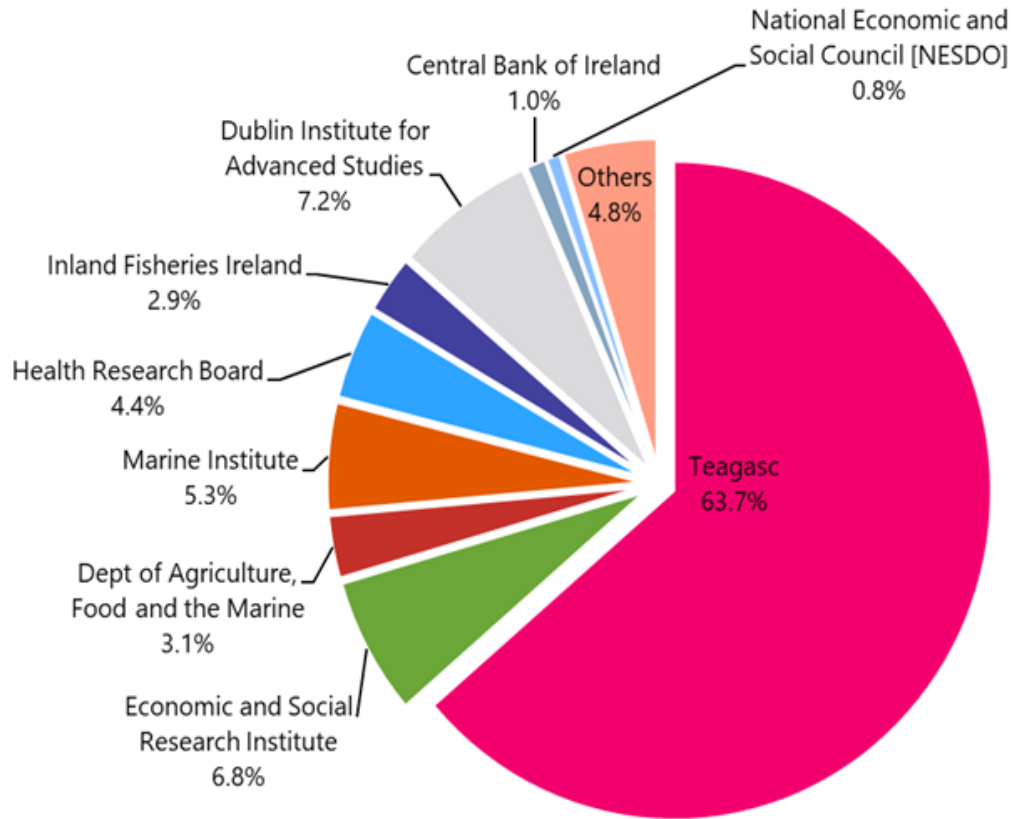
# International comparison – GOVERD % GDP/GNI\*, 2017



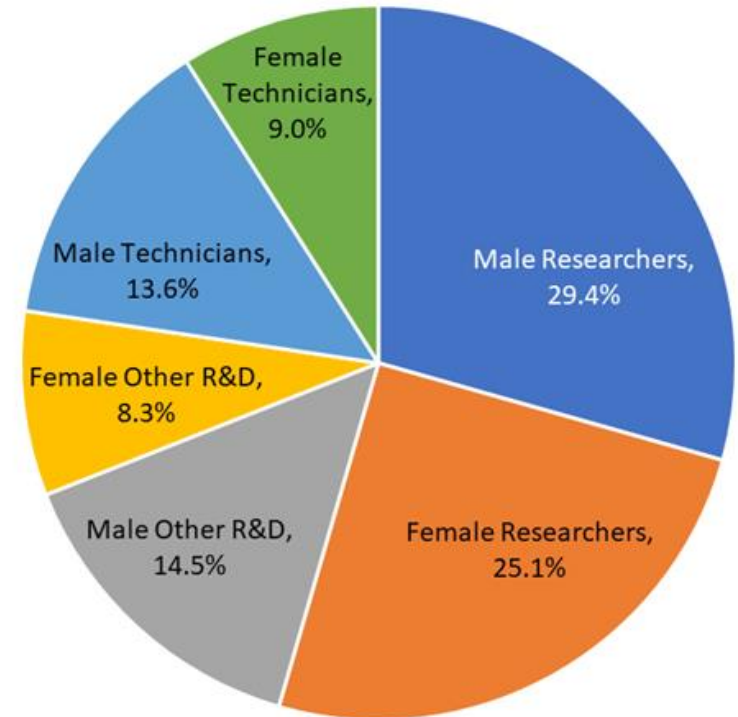
Figures for Ireland include Hospital R&D estimate of €35m, therefore, different from opposite chart



# Major Government Sector R&D performers, 2018



# R&D Personnel (FTE) in the Government Sector, 2018



# From GDP to GNI\*

