

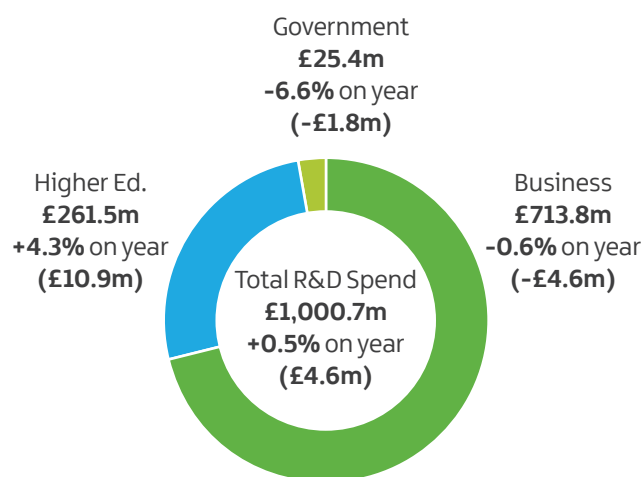
# R&D EXPENDITURE

## 2024

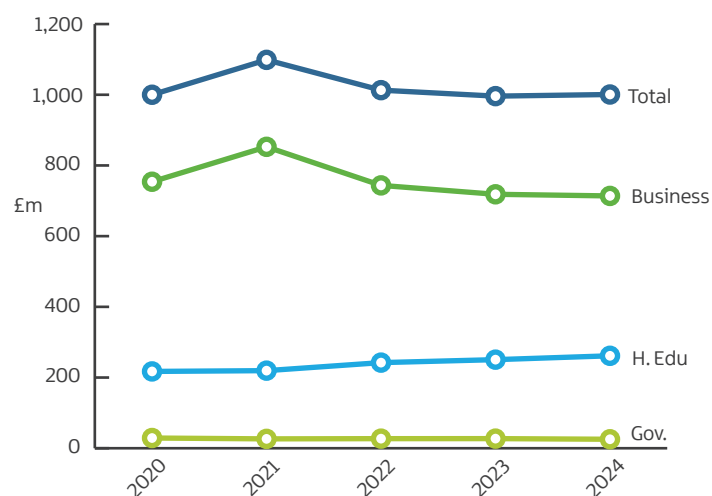
Source: Northern Ireland Research & Development Statistics, NISRA (Nov 2025)

R&D activity is defined as research or technological development with an appreciable level of novelty or innovation in line with international criteria (the Frascati manual). Results are based on cash terms unless 'real terms' are referenced i.e. where deflators are used to take out the effect of price changes over time.

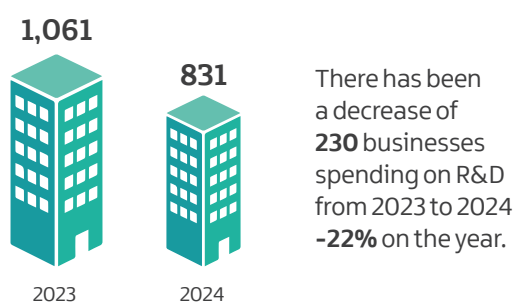
### Total R&D Expenditure



### Total Expenditure 2020-2024

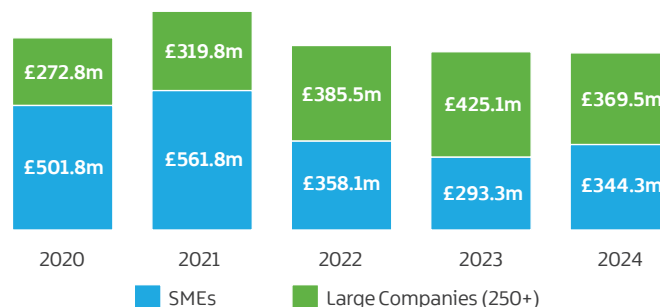


### Businesses Spending on R&D

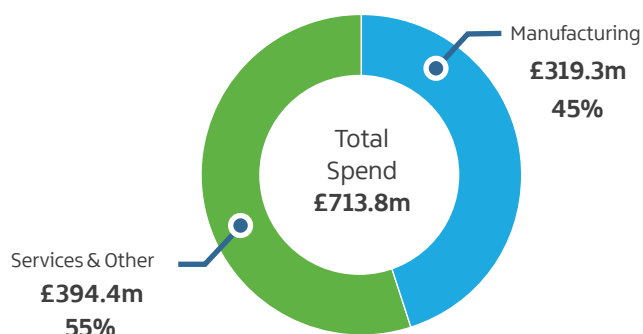


### Business Expenditure on R&D (BERD)

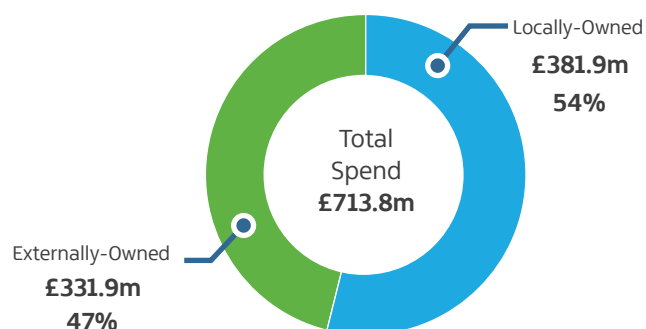
SME expenditure has decreased by **31%** and large company spend has increased by **35%** over a 5 year period. Large companies account for **52%** of spend and SMEs **48%**.



### BERD by Sector

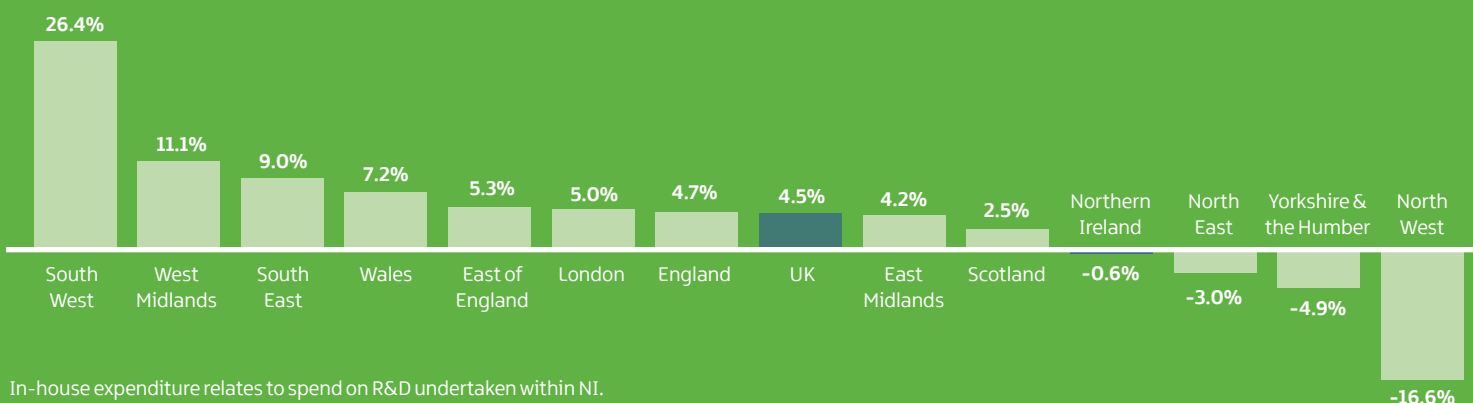


### BERD by Ownership

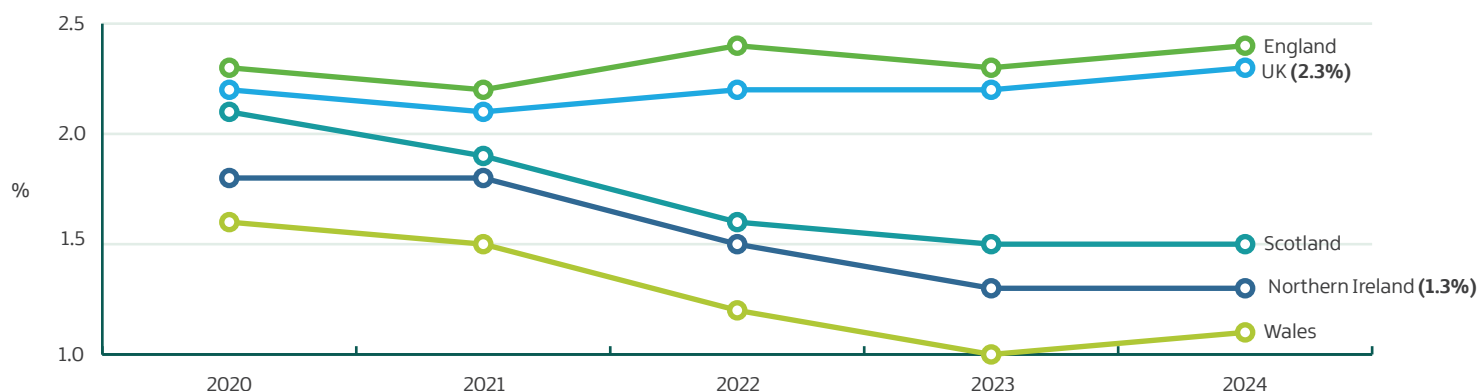


## BERD In-house Expenditure 2023-24

Of the regions and countries, NI was one of four that reported a decrease in (in-house) R&D expenditure over the year **(-0.6%) £718m to £714m**

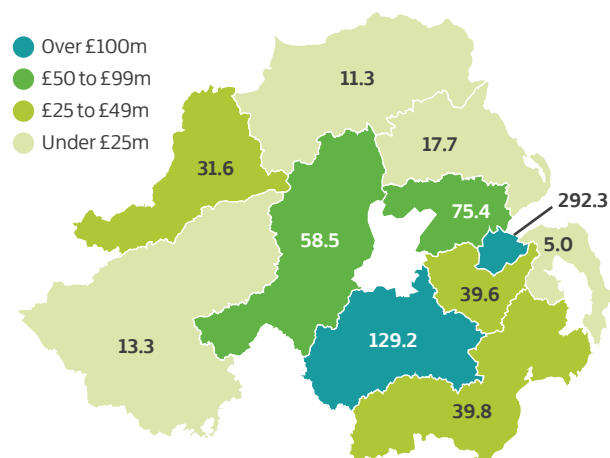


## R&D Investment Rate<sup>1</sup>

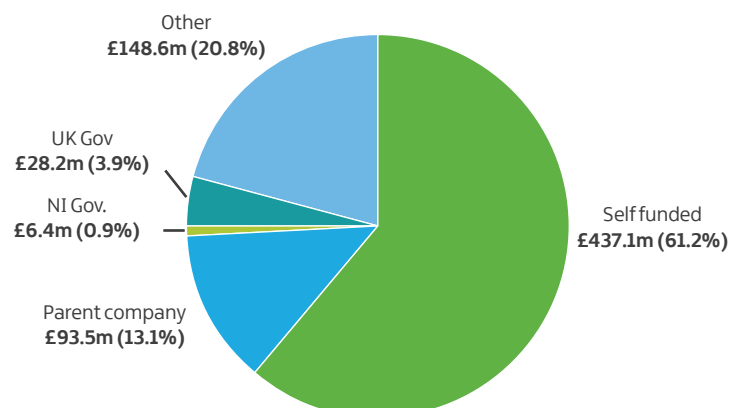


The most recent GVA data available are for 2023. To calculate the 2024 R&D investment rate we have divided the 2024 R&D data by 2023 GVA.

## R&D Expenditure by Council



## BERD Funding by Source 2024



<sup>1</sup>Northern Ireland 2024 in-house R&D as a proportion of previous year's GVA.  
Source is ONS Regional GVA Reports 2023.