



Business Expenditure on Research and Development (BERD) Survey 2017/2018

Before you begin, you will need...

Your CSO reference number [i](#)

The form should take approximately 20 minutes to complete

Enter your CSO reference number:

.....
.....

1. General classification data

1.1 Did your enterprise perform any in-house R&D in 2017? [i](#) Yes No

1.2 Was any R&D performed on your behalf by other parties in 2017? [i](#) Yes No
(i.e. Sub-contracted R&D performed by other companies/institutes)

1.3 Does your enterprise control any branches/plants engaged in R&D activities? Yes No

The information provided should cover all branches/plants run by the enterprise (company) at all locations in the State. Some further information regarding any such branches/plants that are engaged in R&D activities and are controlled by your enterprise is required in section 8.

1.4 Is your enterprise part of an enterprise group? [i](#) Yes No

In which country is the head office of your group located?

If your enterprise is part of an enterprise group, please answer all further questions only for your enterprises in Ireland. Do not include results for subsidiaries or parent companies based abroad.

1.5 Does your enterprise have a dedicated R&D unit/department? Yes No

2 Expenditure on in-house R&D activity

Resources allocated to In-House performed R&D [i](#)

Example

Please enter all monetary values in Euro and to the nearest 1,000

Example €10,000 =

 000's

2.1 Please specify your expenditure in 2017 on in-house R&D under each of the following headings


Current expenditure on in-house R&D in 2017

€ 000's

Labour costs (*wages, salaries and all costs of personnel directly associated with R&D*)

--	--	--	--	--	--	--	--	--	--


 000's

Other current costs 

--	--	--	--	--	--	--	--	--	--

 000's

Capital expenditure directly linked to R&D in 2017

Land and buildings 


--	--	--	--	--	--	--	--	--	--

 000's

Payments made for licences to use intellectual products for more than a year

--	--	--	--	--	--	--	--	--	--

 000's

Instruments and equipment excl. software 

--	--	--	--	--	--	--	--	--	--

 000's

Software Purchased (*acquired wholly for R&D purposes*)

--	--	--	--	--	--	--	--	--	--

 000's

Software Developed by your Company in-house and used in-house (*developed for R&D purposes*)

--	--	--	--	--	--	--	--	--	--

 000's

Total expenditure on in-house R&D in 2017

--	--	--	--	--	--	--	--	--	--

 000's

2.2 Please specify your ESTIMATED expenditure in 2018 in-house R&D under each of the following headings

Current expenditure on in-house R&D in 2018


€ 000's

Labour costs (*wages, salaries and all costs of personnel directly associated with R&D*)

2018

--	--	--	--	--	--	--	--	--	--

 000's


Other current costs 

2018

--	--	--	--	--	--	--	--	--	--

 000's

Capital expenditure directly linked to R&D in 2018

Land and buildings 

2018

--	--	--	--	--	--	--	--	--	--

 000's

Payments made for licences to use intellectual products for more than a year

2018

--	--	--	--	--	--	--	--	--	--

 000's

Instruments and equipment excl. software 

2018

--	--	--	--	--	--	--	--	--	--

 000's

Software Purchased (*acquired wholly for R&D purposes*)

2018
000's

--	--	--	--	--	--	--	--

Software Developed by your Company in-house and used in-house
(*developed for R&D purposes*)

2018
000's

--	--	--	--	--	--	--	--

Total ESTIMATED expenditure on in-house R&D in 2018

2018
000's

--	--	--	--	--	--	--	--

2.3 Field of Science & Technology

1. Natural Sciences

Please estimate what % of your total R&D expenditure relates to

Mathematics, Computer and Information Science

2017				%	2018				%

Physical or Chemical Sciences

2017				%	2018				%

Earth and related Environmental Sciences

2017				%	2018				%

Biological Sciences

2017				%	2018				%

2. Engineering and Technology

Please estimate what % of your total R&D expenditure relates to

Civil or Environmental Engineering

2017				%	2018				%

Electrical, Electronic or Information Engineering

2017				%	2018				%

Mechanical or Medical Engineering

2017				%	2018				%

Chemical or Materials Engineering

2017				%	2018				%

Environmental or Industrial Biotechnology

2017				%	2018				%

Nano-technology

2017				%	2018				%

3. Medical and Health Sciences

Please estimate what % of your total R&D expenditure relates to

Basic or Clinical Medicine

2017	2018
<input type="text"/> <input type="text"/> <input type="text"/> %	<input type="text"/> <input type="text"/> <input type="text"/> %

Health Sciences

2017	2018
<input type="text"/> <input type="text"/> <input type="text"/> %	<input type="text"/> <input type="text"/> <input type="text"/> %

Health Biotechnology

2017	2018
<input type="text"/> <input type="text"/> <input type="text"/> %	<input type="text"/> <input type="text"/> <input type="text"/> %

4. Agricultural Sciences

Please estimate what % of your total R&D expenditure relates to

Agriculture, Forestry and Fisheries, Animal and Dairy Science

2017	2018
<input type="text"/> <input type="text"/> <input type="text"/> %	<input type="text"/> <input type="text"/> <input type="text"/> %

Veterinary Science

2017	2018
<input type="text"/> <input type="text"/> <input type="text"/> %	<input type="text"/> <input type="text"/> <input type="text"/> %

Agricultural Biotechnology

2017	2018
<input type="text"/> <input type="text"/> <input type="text"/> %	<input type="text"/> <input type="text"/> <input type="text"/> %

3 Sources of funds for in-house R&D in 2017 (from within and outside the Republic of Ireland)

3.1 Please specify the source of funds within the Republic of Ireland for in-house R&D undertaken in 2017

R&D funding from:

Within the Republic of Ireland

€ 000's

Own company/internal funds

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	000's
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Other companies (R&D performed on their behalf)

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	000's
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Government grants for R&D

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	000's
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Other public funding

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	000's
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Higher education institutes

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	000's
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Private non-profit institutes

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	000's
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Other sources (specify)

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	000's
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Total R&D funding (within the Republic of Ireland)

<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	000's
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3.2 Please specify the source of funds from outside the Republic of Ireland for in-house R&D undertaken in 2017

R&D funding from:

Outside the Republic of Ireland

€ 000's

Own company/internal funds

000's

Other companies (*R&D performed on their behalf*)

000's

Government grants for R&D

000's

Other public funding

000's

Higher education institutes

000's

Private non-profit institutes

000's

European Commission

000's

International organisations

000's

Other sources (*specify*)

000's

Total R&D funding (outside the Republic of Ireland)

000's

Total in-house R&D funding for 2017 (should equal the total funding in 2.1)

000's

4 Type of in-house R&D activity in 2017

4.1 Please indicate the breakdown of total in-house R&D expenditure in terms of the following categories as defined below:

(a) Basic research



%

(b) Applied research



%

(c) Experimental development



%

5 Expenditure on R&D performed on your behalf by other parties in 2017

5.1 Please specify how much, if anything, you paid to the following parties within the Republic of Ireland for R&D performed on your behalf outside the company in 2017 (This expenditure is in addition to the in-house expenditure recorded at Q2.1 above)

Payments made to :

Within the Republic of Ireland

€ 000's

Related companies (*parent, subsidiary, other affiliates*)

--	--	--	--	--	--	--	--	--	--

 000's

Non-related companies

--	--	--	--	--	--	--	--	--	--

 000's

Government research companies

--	--	--	--	--	--	--	--	--	--

 000's

Higher education institutes/universities

--	--	--	--	--	--	--	--	--	--

 000's

Private R&D institutes/laboratories

--	--	--	--	--	--	--	--	--	--

 000's

Other (*please specify*)

--	--	--	--	--	--	--	--	--	--

 000's

Total (within the Republic of Ireland)

--	--	--	--	--	--	--	--	--	--

 000's

5.2 Please specify how much, if anything, you paid to the following parties outside the Republic of Ireland for R&D performed on your behalf outside the company in 2017 (This expenditure is in addition to the in-house expenditure recorded at Q2.1 above)

Payments made to :

Outside the Republic of Ireland

€ 000's

Related companies (*parent, subsidiary, other affiliates*)

--	--	--	--	--	--	--	--	--	--

 000's

Non-related companies

--	--	--	--	--	--	--	--	--	--

 000's

Government research companies

--	--	--	--	--	--	--	--	--	--

 000's

Higher education institutes/universities

--	--	--	--	--	--	--	--	--	--

 000's

Private R&D institutes/laboratories

--	--	--	--	--	--	--	--	--	--

 000's

Other (*please specify*)

--	--	--	--	--	--	--	--	--	--

 000's

Total (outside the Republic of Ireland)





--	--	--	--	--	--	--	--	--	--

 000's

6 In-house R&D personnel in 2017

6.1 Please specify the number of staff (male and female) in each category involved in in-house R&D during 2017.

As staff may share their time between R&D and non-R&D activities, please estimate the average percentage of time spent on R&D for each of these categories of staff.

Employed as:	Number of staff			Average % of time spent on R&D during 2017
	Male	Female	Total	
PhD qualified researcher 	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> %
Other researchers 	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> %
Technicians 	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> %
Support staff 	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> %
Total R&D staff	<input type="text"/>	<input type="text"/>	<input type="text"/>	

6.2 Recruitment of Researchers: At what level of qualification are you likely to increase R&D personnel (researchers) over the period 2018 - 2023?

(a) Diploma Very Likely Quite Likely Not Likely No

(b) Bachelors Degree Very Likely Quite Likely Not Likely No

(c) Masters Very Likely Quite Likely Not Likely No

(d) PhD Very Likely Quite Likely Not Likely No

7 Collaboration

7.1 Did your company engage in joint research projects with any of the following parties in 2017?

(a) Other firms in Ireland Yes No

(b) Other firms outside of Ireland Yes No

(c) Higher education or other institutions in Ireland Yes No

(d) Higher education or other institutions outside Ireland Yes No

8 Local units

8.1 Please list all local units (branches/plants) which are engaged in R&D activities

Local unit information		Total number of persons engaged in R&D related activities (during 2017)	R&D related expenditure in 2017 (should equal the total funding in 2.1) € 000's
Branch/Plant name	County		
1.	<input type="text"/>	<input type="text"/>	<input type="text"/> 000's
2.	<input type="text"/>	<input type="text"/>	<input type="text"/> 000's
3.	<input type="text"/>	<input type="text"/>	<input type="text"/> 000's
4.	<input type="text"/>	<input type="text"/>	<input type="text"/> 000's
5.	<input type="text"/>	<input type="text"/>	<input type="text"/> 000's
6.	<input type="text"/>	<input type="text"/>	<input type="text"/> 000's
7.	<input type="text"/>	<input type="text"/>	<input type="text"/> 000's
8.	<input type="text"/>	<input type="text"/>	<input type="text"/> 000's

9 Your comments and feedback

We welcome your feedback. Please tell us what you think about this form and also let us know what type of published data would be useful to your business. You can also highlight any major changes since your last return, to help us interpret the data and avoid queries.

Comments

How much time was needed to fill in this questionnaire?

..... minutes
.....

Declaration

Return completed by :

Name :

Enterprise
Eircode:



(Routing Key)

(Unique Identifier)

Position :

eMail :

Phone :