

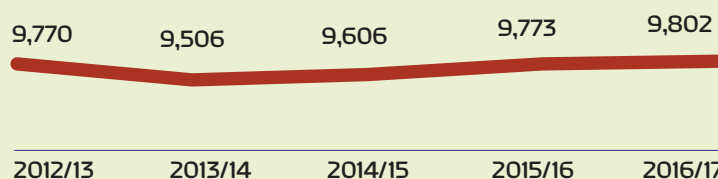


**HIGHER EDUCATION  
FACTSHEET:  
POSTGRADUATE RESEARCH**

# Total<sup>1</sup> Postgraduate Research Enrolments<sup>2</sup>

## Enrolment Numbers

### 5 Year Trend in Enrolments

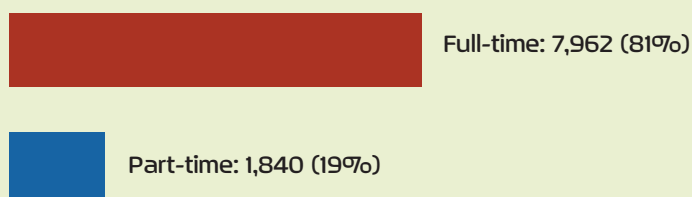


### Enrolments by ISCED<sup>3</sup> 2016/17

#### Postgraduate Research Enrolments by ISCED

Natural sciences, mathematics and statistics	2,187	22%
Health and Welfare	1,720	18%
Engineering, manufacturing and construction	1,394	14%
Arts and humanities	1,174	12%
Social sciences, journalism and information	1,097	11%
Business, administration and law	845	9%
ICTs	549	6%
Education	547	6%
Agriculture, forestry, fisheries and veterinary	222	2%
Services	67	1%
<b>Total</b>	<b>9,802</b>	

### Enrolments by Mode of Study 2016/17



### Enrolments by Gender 2016/17

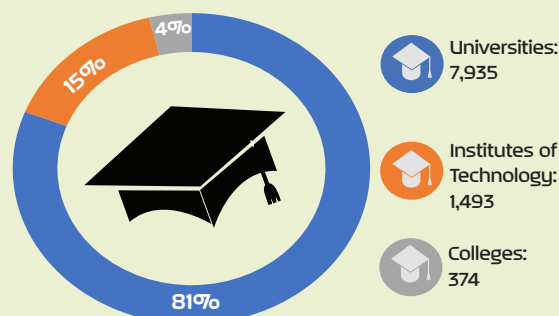


Male: 4,857



Female: 4,945

### Enrolments by Institution 2016/17



#### Universities

DCU	767
MU	437
NUIG	1,246
TCD	1,591
UCC	1,321
UCD	1,742
UL	831
<b>Total</b>	<b>7,935</b>

#### Institutes of Technology

Athlone IT	80
Cork IT	167
DIT	495
IADT	10
Dundalk IT	46
Galway-Mayo IT	58
IT Blanchardstown	41
IT Carlow	81
IT Sligo	73
IT Tallaght	59
IT Tralee	44
Letterkenny IT	23
Limerick IT	112
Waterford IT	204
<b>Total</b>	<b>1,493</b>

#### Colleges

MIC Limerick	139
NCAD	14
RCSI	221
St. Angela's College	—
St. Pat's College	—
<b>Total</b>	<b>374</b>

<sup>1</sup> Total refers to full-time and part-time Research Masters and doctorate enrolments.

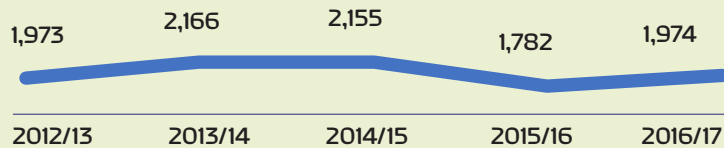
<sup>2</sup> Enrolments figures are a snapshot in time, encompassing all enrolled students (i.e. sum of year 1, year 2, year 3, year 4 etc). All data on pp 2-5 are taken from the HEA Student Record System database.

<sup>3</sup> ISCED: Field of Study coding developed and used by UNESCO.

# Total Postgraduate Research Graduates

## Graduate Numbers

### 5 Year Trend in Graduates



### Graduates by ISCED 2016<sup>1</sup>

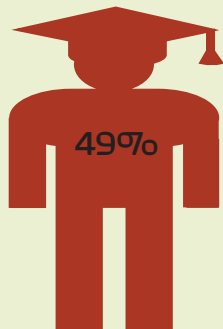
#### Postgraduate Research Graduates by ISCED

Natural sciences, mathematics and statistics	471	24%
Health and Welfare	432	22%
Engineering, manufacturing and construction	258	13%
Arts and humanities	255	13%
Social sciences, journalism and information	223	11%
Business, administration and law	116	6%
ICTs	84	4%
Education	63	3%
Agriculture, forestry, fisheries and veterinary	61	3%
Services	10	1%
<b>Total</b>	<b>1,974</b>	

### Graduates by Gender 2016

Male: 965

Female: 1,009



### Graduates by Institution 2016

#### Universities

DCU	117
MU	86
NUIG	243
TCD	449
UCC	293
UCD	390
UL	140
<b>Total</b>	<b>1,718</b>

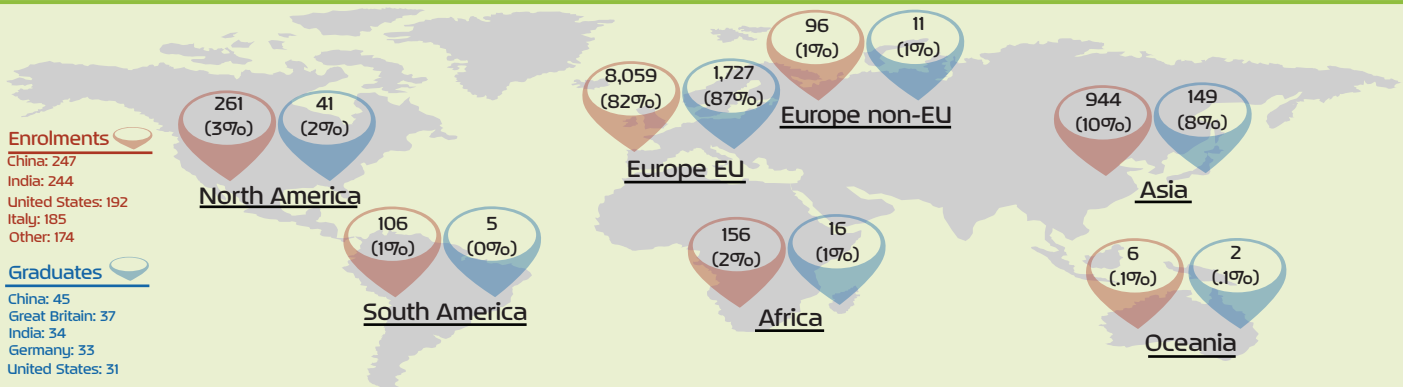
#### Institutes of Technology

Athlone IT	12
Cork IT	26
DIT	34
IADT	6
Dundalk IT	—
Galway-Mayo IT	6
IT Blanchardstown	4
IT Carlow	15
IT Sligo	7
IT Tallaght	7
IT Tralee	15
Letterkenny IT	3
Limerick IT	8
Waterford IT	23
<b>Total</b>	<b>166</b>

#### Colleges

MIC Limerick	22
Mater Dei Institute	1
NCAD	7
RCSI	54
St. Angela's College	—
St. Patrick's College	6
<b>Total</b>	<b>90</b>

## Enrolments and Graduates by Domicile of Origin 2016<sup>2</sup>



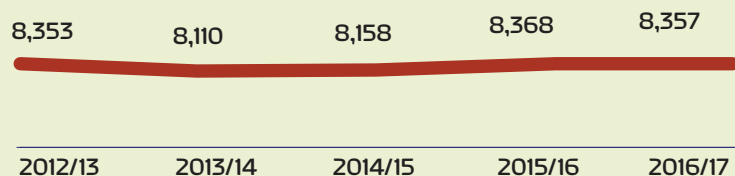
<sup>1</sup> 2016 Graduates refers to calendar year graduates.

<sup>2</sup> The country of permanent address for three of the five years prior to entry to the programme of study.

# Doctorate Enrolments

## Enrolment Numbers

### 5 Year Trend in Doctorate Enrolments

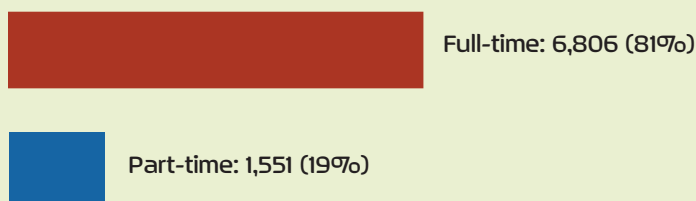


### Doctorate Enrolments by ISCED

#### Doctorate Enrolments by ISCED

Natural sciences, mathematics and statistics	1,779	21%
Health and Welfare	1,557	19%
Engineering, manufacturing and construction	1,145	14%
Social sciences, journalism and information	1,041	12%
Arts and humanities	984	12%
Business, administration and law	751	9%
Education	509	6%
ICTs	416	5%
Agriculture, forestry, fisheries and veterinary	161	2%
Services	14	0%
<b>Total</b>	<b>8,357</b>	

### Doctorate Enrolments by Mode of Study 2016/17



### Enrolments by Gender 2016/17

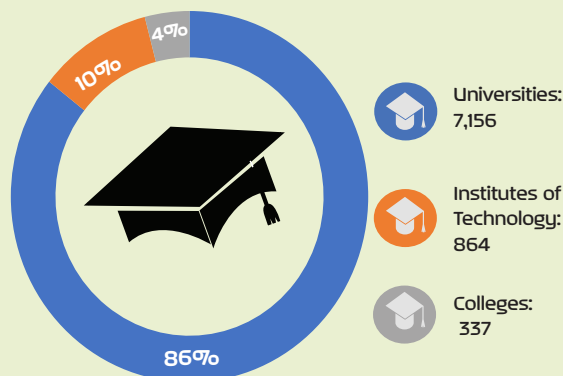


Male: 4,050



Female: 4,307

### Doctorate Enrolments by Institution 2016/17



#### Universities

DCU	711
MU	366
NUIG	1,166
TCD	1,516
UCC	1,122
UCD	1,536
UL	739
<b>Total</b>	<b>7,156</b>

#### Institutes of Technology

Athlone IT	22
Cork IT	116
DIT	448
Dundalk IT	20
Galway-Mayo IT	26
IT Blanchardstown	12
IT Carlow	9
IT Sligo	35
IT Tallaght	9
IT Tralee	2
Letterkenny IT	–
Limerick IT	17
Waterford IT	148
<b>Total</b>	<b>864</b>

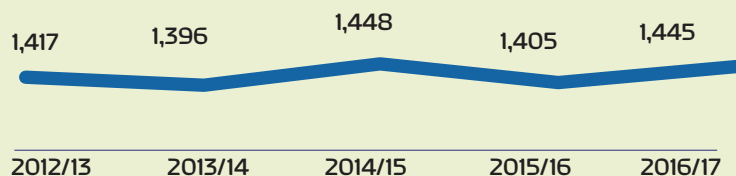
#### Colleges

MIC Limerick	119
NCAD	14
RCSI	204
St. Angela's College	–
St. Patrick's College	–
<b>Total</b>	<b>337</b>

# Research Masters Enrolments

## Enrolment Numbers

### 5 Year Trend in Enrolments

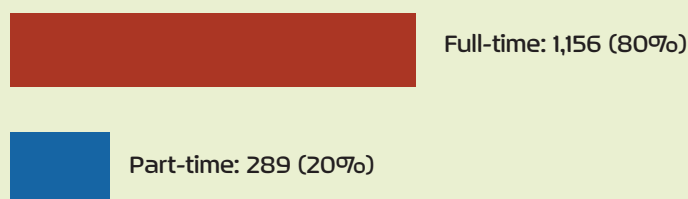


### Research Masters Enrolments by ISCED 2016/17

#### Research Masters Enrolments by ISCED

Natural sciences, mathematics and statistics	408	28%
Engineering, manufacturing and construction	249	17%
Arts and humanities	190	13%
Health and welfare	163	11%
ICTS	133	9%
Business, administration and law	94	7%
Agriculture, forestry, fisheries and veterinary	61	4%
Social sciences, journalism and information	56	4%
Services	53	4%
Education	38	3%
<b>Total</b>	<b>1,445</b>	

### Enrolments by Mode of Study 2016/17



### Enrolments by Gender 2016/17

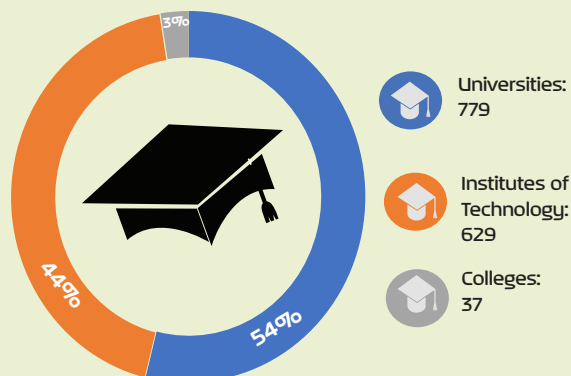


Male: 807



Female: 638

### Enrolments by Institution 2016/17



#### Universities

DCU	56
MU	71
NUIG	80
TCD	75
UCC	199
UCD	206
UL	92
<b>Total</b>	<b>779</b>

#### Institutes of Technology

Athlone IT	58
Cork IT	51
DIT	47
IADT	10
Dundalk IT	26
Galway-Mayo IT	32
IT Blanchardstown	29
IT Carlow	72
IT Sligo	38
IT Tallaght	50
IT Tralee	42
Letterkenny IT	23
Limerick IT	95
Waterford IT	56
<b>Total</b>	<b>629</b>





#### Colleges

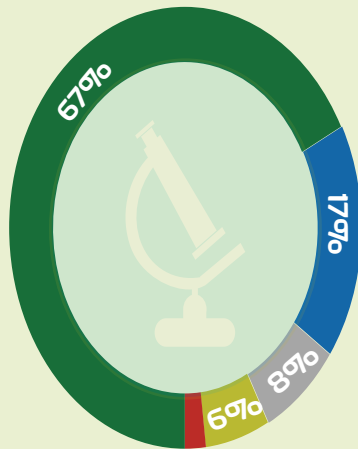
MIC Limerick	20
NCAD	–
RCSI	17
St. Angela's College	–
St. Patrick's College	–
<b>Total</b>	<b>37</b>

# Doctorate Graduate Outcomes<sup>1</sup>

## What do they go on to do?

### First Destination of Doctorate Graduates 2016

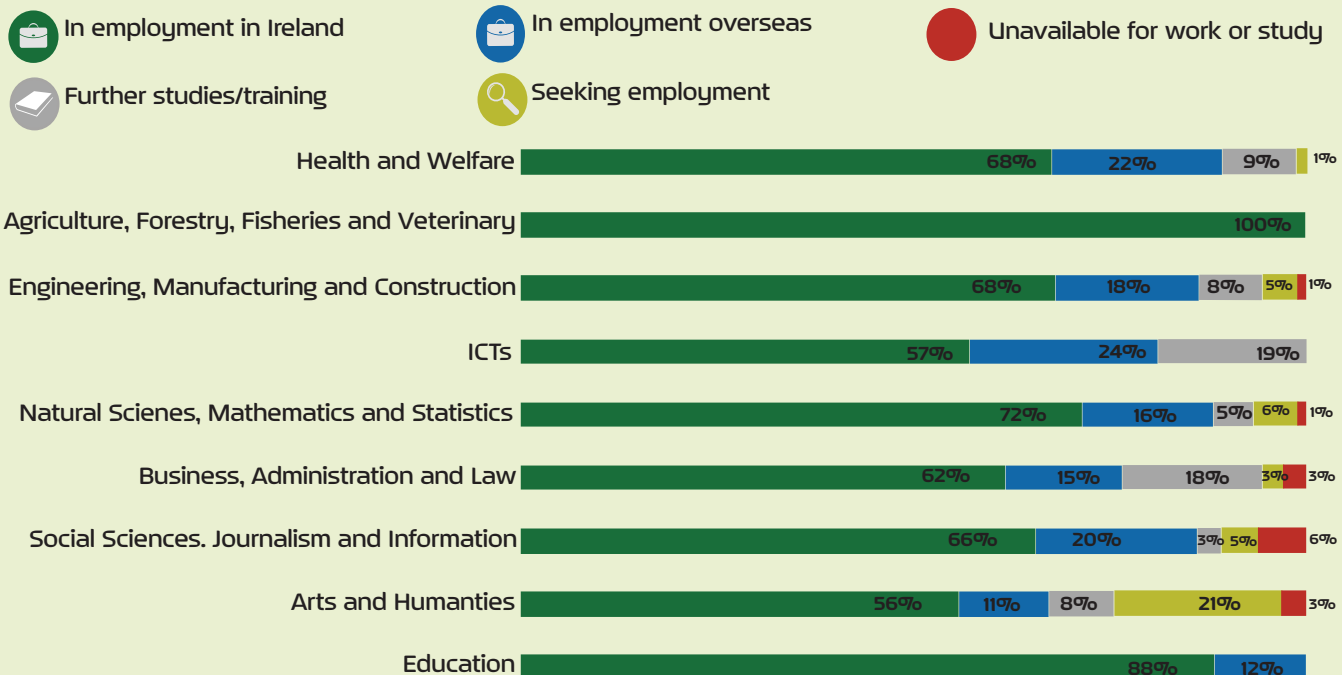
-  67% In employment in Ireland
-  17% In employment overseas
-  8% Further studies/training
-  6% Seeking employment
-  2% Unavailable for work or study






### Doctorate Graduate Salary Bands 2016

Salary Bands	Male		Female		Total
→€45K	54	35.5%	49	33.8%	103
€25K-45K	83	54.6%	85	58.6%	168
←€25K	15	9.9%	11	7.6%	26
		100%		100%	

## Doctorate Graduate Employment by ISCED Field of Study 2016



## Key Doctorate Employment Sectors 2016<sup>2</sup>

-  65% of 2016 Doctorate graduates work in non-market services.<sup>3</sup>
-  41% of Doctorate graduates work in Higher Education.
-  While manufacturing Industries employ 30% of Engineering, Manufacturing and Construction Doctorate graduates and 28% of Natural Sciences, Mathematics and Statistics Doctorate graduates, a higher percentage of these graduates – 36% of Engineering, Manufacturing and Construction and 37% of Natural Sciences, Mathematics and Statistics graduates – work in non-market services.

<sup>1</sup> These data are based on the first destinations survey (Doctorate graduates only in this instance), collected nine months after graduation.

<sup>2</sup> This encompasses Doctorate graduates working in Ireland and overseas.

<sup>3</sup> Non-market services includes health services, civil and public services, education and social services.

## **February 2018**



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**HEA**

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HIGHER EDUCATION AUTHORITY**