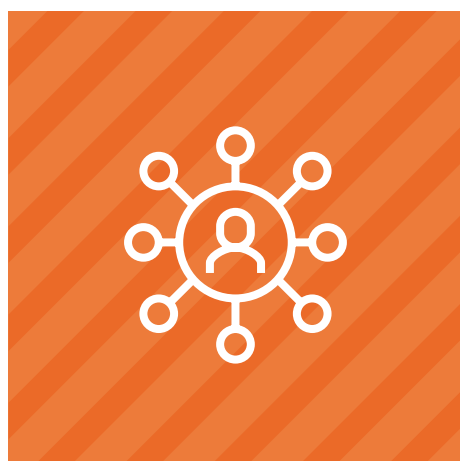


HIGHER EDUCATION FACT SHEET:

ICT



INFORMATION AND COMMUNICATION TECHNOLOGIES¹

FACT SHEET

DECEMBER 2018

For further information please contact: Victor Pigott (Senior Statistics Manager), Miriam Liston (Data and Policy Analyst) or David Sheils (Data Analyst) at statistics@hea.ie

ICT NEW ENTRANTS

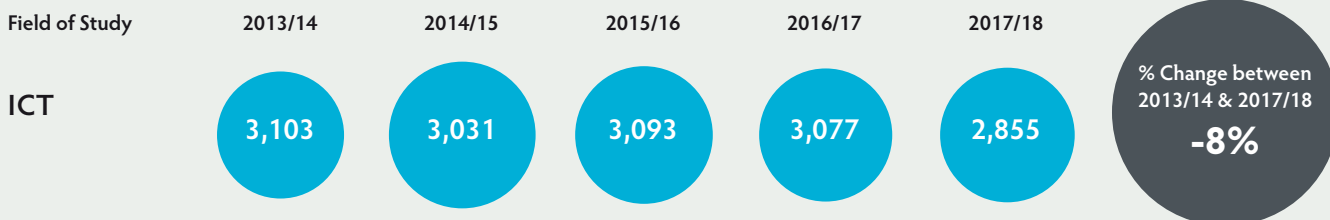
6%

of all new entrants undertook an ICT course in 2017/18; 71% at Level 8, 22% at Level 7 and 3% at Level 6. In 2013/14, 7% of all new entrants undertook an ICT course.

What HEA-funded institutions provide ICT courses?

DCU, NUIG, MU, TCD, UCC, UCD, UL, Athlone IT, Cork IT, Dublin IT, Dun Laoghaire IADT, Dundalk IT, Galway-Mayo IT, IT Blanchardstown, IT Carlow, IT Sligo, IT Tallaght, IT Tralee, Letterkenny IT, Limerick IT, Waterford IT and NCAD.

Full-time ICT New Entrants, 2013/14 – 2017/18



Who are ICT New Entrants in 2017/18?

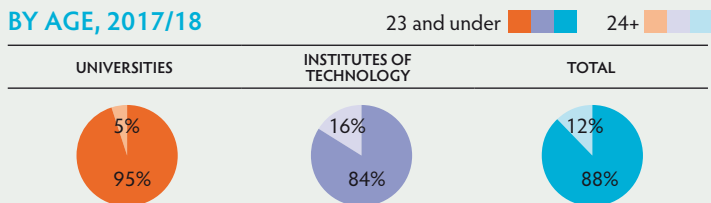


53%

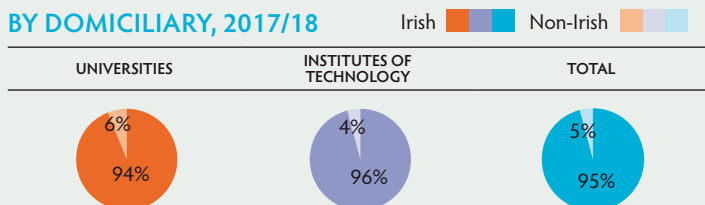
of Irish ICT new entrants are in receipt of a SUSI grant in 2017/18. This compares to 44% of all Irish new entrants in the same year.

ICT New Entrants

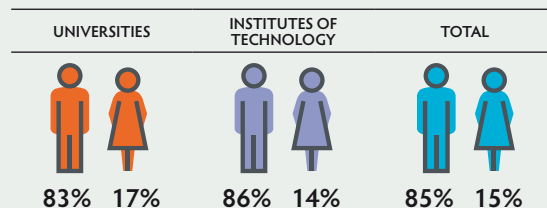
BY AGE, 2017/18



BY DOMICILIARY, 2017/18

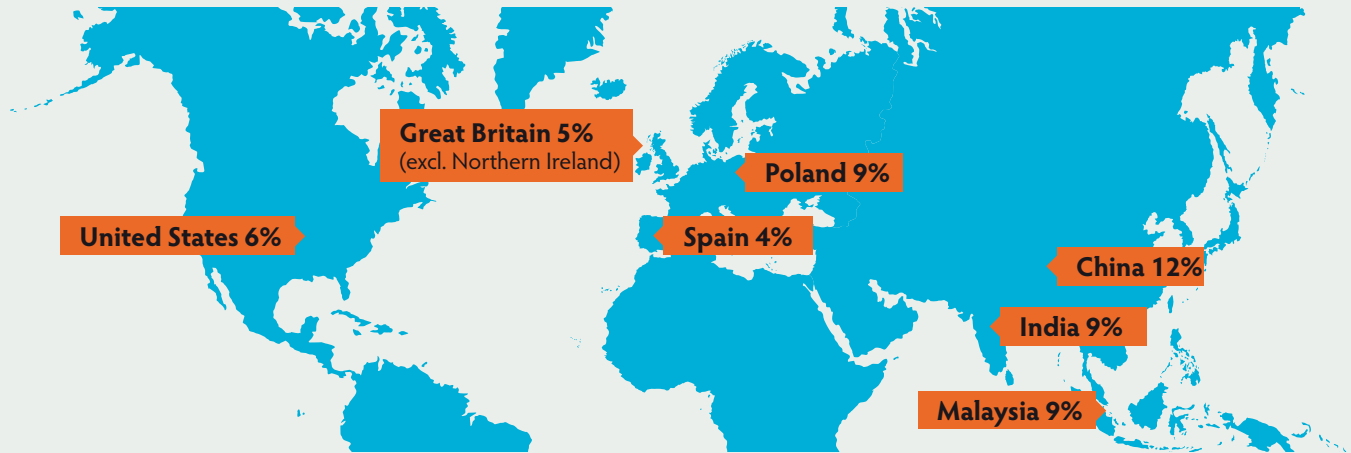


BY GENDER, 2017/18



¹ Refers to all courses under the broad discipline of 'Information and Communication Technologies' (from 2014/15 onwards) and computing courses under 'Science, Mathematics and Computing' (up to and including 2013/14).

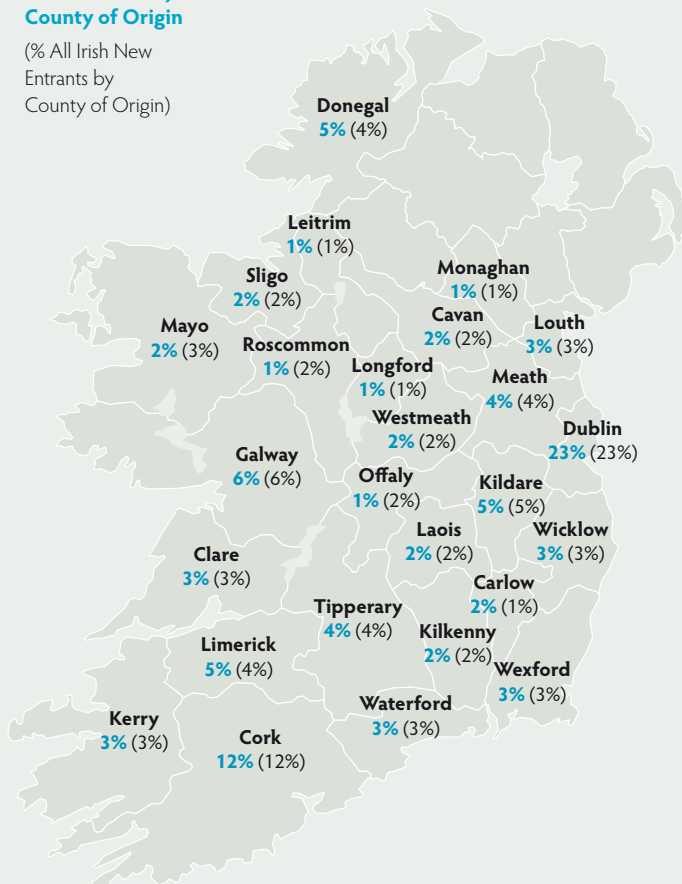
Non-Irish ICT New Entrants by Domiciliary of Origin, 2017/18



Irish ICT New Entrants and All Irish New Entrants by County of Origin, 2017/18

% Irish ICT New Entrants by County of Origin

(% All Irish New Entrants by County of Origin)

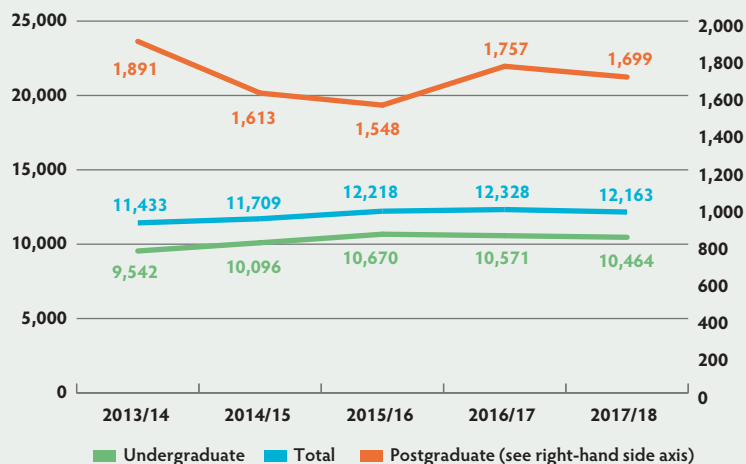


Non-Irish ICT New Entrants by Domicile Continent, 2017/18

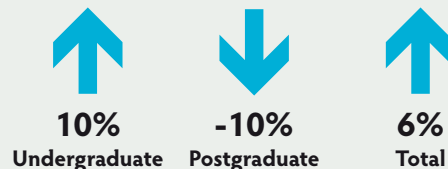
EU/NON EU	CONTINENT	UNIVERSITIES	INSTITUTES OF TECHNOLOGY	TOTAL
(Other) EU	Europe EU	33%	34%	33%
Non-EU	Africa	3%	4%	4%
	America North	9%	4%	6%
	Asia	45%	37%	40%
	Europe non-EU	7%	1%	4%
Unknown	Other	3%	20%	12%
Total		100%	100%	100%



Full-time Undergraduate and Postgraduate ICT Enrolments, 2013/14 – 2017/18



% Change between 2013/14 & 2017/18



ICT Undergraduate Enrolments

Who Enrolled in Full-Time Undergraduate ICT Courses in 2017/18?

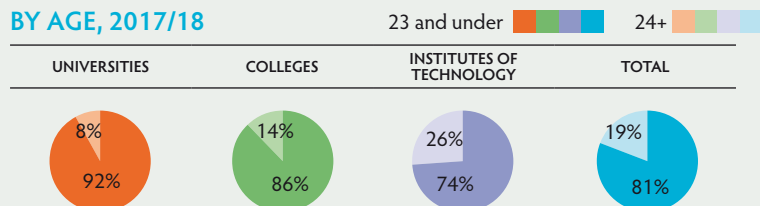
49%

of Irish full-time undergraduate ICT enrolments are in receipt of a SUSI grant in 2017/18. This compares to 42% of all Irish full-time undergraduates in the same year. 7% of all full-time undergraduates enrolled in ICT in 2017/18 compared to 6% in 2013/14.

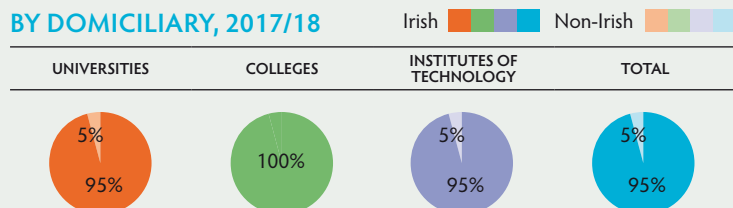
Non-Irish ICT Undergraduate Enrolments by Domicile Continent, 2017/18

EU/NON EU	CONTINENT	UNIVERSITIES	INSTITUTES OF TECHNOLOGY	TOTAL
(Other) EU	Europe EU	27%	22%	24%
Non-EU	Africa	4%	5%	4%
	America North	12%	5%	7%
	America South	1%	1%	1%
	Asia	49%	59%	56%
	Europe non-EU	4%	2%	3%
Unknown	Other	3%	6%	5%
Total		100%	100%	100%

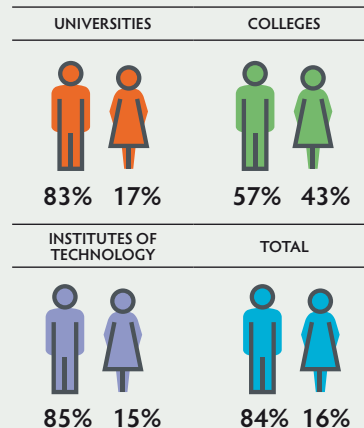
BY AGE, 2017/18



BY DOMICILIARY, 2017/18



BY GENDER, 2017/18



ICT Postgraduate Enrolments

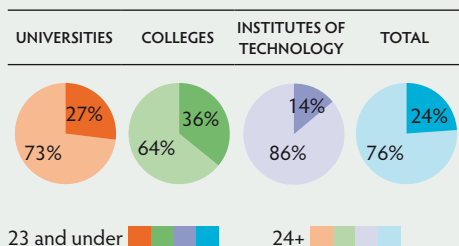
Who Enrolled in Full-Time Postgraduate ICT Courses in 2017/18?

5% of Irish full-time postgraduate ICT enrolments are in receipt of a SUSI grant in 2017/18. This compares to 11% of all Irish full-time postgraduate enrolments in the same year. 5% of all full-time postgraduates are enrolled in ICT in 2017/18, compared to 8% in 2013/14.

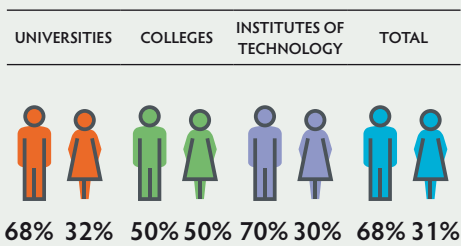
Non-Irish ICT Postgraduate Enrolments by Domicile Continent, 2017/18

EU/NON EU	CONTINENT	UNIVERSITIES	INSTITUTES OF TECHNOLOGY	TOTAL
(Other) EU	Europe EU	9%	6%	8%
Non-EU	Africa	2%	4%	2%
	America North	3%	4%	3%
	America South	2%	5%	2%
	Asia	80%	77%	79%
	Europe (non EU)	2%	3%	2%
Unknown	Other	2%	1%	2%
Total		100%	100%	100%

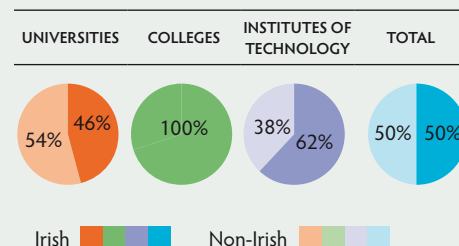
BY AGE, 2017/18



BY GENDER, 2017/18

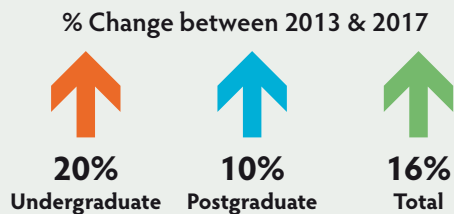
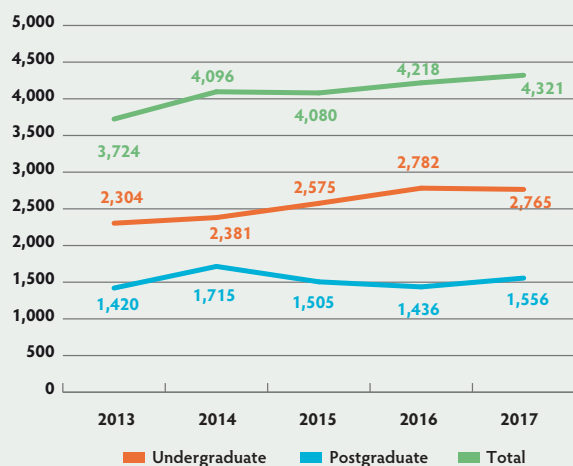


BY DOMICILIARY, 2017/18



ICT Graduates

All Graduates in ICT, 2013-2017



6% (of all graduates) graduated from ICT courses in 2017.

ICT Graduate Outcomes

Where did they end up **nine months after graduation**? First Destination
Data for DCU, MU, NUIG, TCD, UCC, UCD & UL ICT Graduates (Levels 8-10)

ICT 2016 Graduates by Gender

	MALE	FEMALE	TOTAL
In employment	81%	79%	80%
In Ireland	74%	71%	74%
Overseas	7%	8%	7%
Further Studies/Training	8%	10%	8%
Seeking Employment	10%	8%	9%
Unavailable for Work/Study	2%	3%	2%

41% of ICT graduates employed in Ireland are working in Computer & Software Applications, 27% are employed in Business, Finance & Insurance Services and 13% are working in Manufacturing Industries.

44% of ICT graduates employed overseas are working in Computing & Software Applications, 21% are working in Non-Market Services and 19% are working in Business, Finance & Insurance Services.

First Destination of 2016 Irish and Non-Irish ICT Graduates

	IRISH	NON-IRISH
In employment	81%	73%
In Ireland	76%	53%
Overseas	5%	20%
Further Studies/Training	8%	10%
Seeking Employment	9%	15%
Unavailable for Work/Study	2%	2%

76% of ICT graduates responded to the survey

ICT 2016 Undergraduate² Graduates in employment by Salary & Gender vs All Undergraduate 2016 Graduates (in brackets)

	MALE	FEMALE	TOTAL
<€25,000	15% (35%)	19% (45%)	16% (40%)
€25,000 - €45,000	75% (60%)	75% (53%)	75% (56%)
€45,000 +	10% (5%)	6% (2%)	9% (3%)
Total	100% (100%)	100% (100%)	100% (100%)

ICT 2016 Postgraduate³ Graduates in employment by Salary & Gender vs All Postgraduate 2016 Graduates (in brackets)

	MALE	FEMALE	TOTAL
<€25,000	15% (24%)	16% (25%)	15% (25%)
€25,000 - €45,000	72% (58%)	74% (58%)	73% (58%)
€45,000 +	13% (18%)	10% (16%)	12% (17%)
Total	100% (100%)	100% (100%)	100% (100%)

² Undergraduate refers to Honours Bachelor Degree graduates in employment.

³ Postgraduate refers to Higher Diploma, (Level 8) Postgraduate Diploma, Master's Research, Master's Degree Taught (Level 9) and Doctorate (Level 10) graduates in employment.

Where did Irish 2016 ICT Graduates go for Employment?

Ireland	94%
Great Britain	2%
Other	3%
Total	100%

Where do non-Irish ICT Graduates go for Employment?

Ireland	75%
Other EU (excl Great Britain)	12%
China	4%
USA	1%
Great Britain	1%
Overseas Other	7%
Total	100%

ICT 2016 Graduates in Employment – Summary of Most Common Job Titles



12%

Software Engineer



11%

Software Developer



3%

IT Consultant



1%

Business Analyst



1%

Technical Support



1%

Data Analyst