
PREFILLING U-MULTIRANK DATA FOR THE UNITED KINGDOM

U-Multirank is a multidimensional and inclusive ranking for higher education institutions (HEIs). To increase the coverage and therefore, the representativeness of the data, we use publicly available data sources to prefill the values for institutions. Publicly available sources are also used to cross-reference the information retrieved from institutions themselves. This document provides an overview of the sources found and reviewed, their use for cross-referencing and prefilling values for higher education institutions in the United Kingdom.

While we try to consult national experts to validate the data as much as possible, we recognise that available data and definitions can change over time and better sources emerge. Thus, we welcome your feedback in case you think that the approach used here is not representative of your institution or country, or you are aware of alternative or better sources.

The publicly available data sources used for populating data for the UK HEIs are:

- **HESA:** (the) Higher Education Statistics Agency
- The **World Bank:** exchange rate and PPP for revenue and expense data

NATIONAL

Measurement level: Institutional level (HE Provider). Data aggregated at a higher level is not suitable for U-Multirank.

HESA (the Higher Education Statistics Agency) encompass the experts in UK higher education data, and the designated data body for England. HESA collects, assures and disseminates data about higher education (HE) in the UK on behalf of their Statutory Customers. HESA works with HE providers across the UK and provides a rich, open source of HE information for data users¹.

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¹ HESA. (2022). About HESA. Retrieved from HESA: <https://www.hesa.ac.uk/about>

² HESA. (2022). About HESA Open Data. Retrieved from HESA: <https://www.hesa.ac.uk/data-and-analysis>

Data obtained for U-Multirank:

- Student data (e.g. enrolment, new entrants, graduate, international student data)
- Academic staff data (e.g. academic staff employed(FTE/HC), female academic staff employ)
- Financial data (e.g. revenue data, including external revenue sources and expense categories)
- Start-up data

U-Multirank is based on a 3-year average with a two-year time lag. Thus, U-Multirank 2022 will contain 2018-2020 data. For 2022 U-Multirank ranking we will use HESA data for 2018 (2018/19 data released on January 2020), 2019 (2019/20 data released on January 2021) 2020 (2020/21 data).

INTERNATIONAL SOURCES

Measurement level: Institutional level except for exchange rate and PPP, which is required on a country level.

(the) **World Bank** provides financial and technical assistance to developing countries. At the World Bank, the Development Data Group coordinates statistical and data work and maintains a number of macro, financial and sector databases. The World Bank's data bank contains a large array of publicly available data³, including exchange rate and PPP data.

Data obtained:

- Data on exchange rates and PPP rates to convert and compare revenue and expense data.

³ World Bank. (2019). The World Bank Data. Retrieved from the World Bank: <https://data.worldbank.org/about>

APPENDIX

U-Multirank Question	Data element	Mapped element
Q1: Name	Legal name of the institution	
	English name to appear in U-Multirank	
Q2: General characteristics	Type of institution:	
	Public/ private character:	WHED
	Foundation year of current institution:	WHED
Q3: Contact	Contact person first name:	
	Contact person last name:	Institution website
	Position /Unit:	Institution website
	E-mail	Institution website
Q5: Students	Students enrolled	<p><i>source:</i> HESA data; last updated January 19 (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> 2018-2020 table-1.csv</p> <p><i>variables:</i> UKPRN First year marker Level of study Mode of study Region of HE provider Country of HE provider Category marker</p>

U-Multirank Question	Data element	Mapped element
		<p>Academic Year</p> <p><i>filters:</i> First year marker=All, Level of study=All, Mode of study=All, Region of HE provider=All, Country of HE provider=All, Category marker=Total, Academic Year=2018/19, Academic Year=2019/20, Academic Year=2020/21</p> <p><i>function:</i> Total number of students per institution(by UKPRN code) for academic year 2018/19 Total number of students per institution(by UKPRN code) for academic year 2019/20 Total number of students per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-1</p>
	Female students enrolled	<p><i>source:</i> HESA data; last updated January 19 (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> 2018-2020 table-1.csv</p> <p><i>variables:</i> UKPRN First year marker Level of study Mode of study Region of HE provider Country of HE provider Category marker</p>

U-Multirank Question	Data element	Mapped element
		<p>Category Academic Year</p> <p><i>filters:</i> First year marker=All, Level of study=All, Mode of study=All, Region of HE provider=All, Country of HE provider=All, Category marker=Sex, Category=Female Academic Year=2018/19, Academic Year=2019/20, Academic Year=2020/21</p> <p><i>function:</i> Total number of female students per institution(by UKPRN code) for academic year 2018/19 Total number of female students per institution(by UKPRN code) for academic year 2019/20 Total number of female students per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-1</p>
Q6: International students	Foreign degree seeking students	<p><i>source:</i> HESA data; last updated January 19 (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> 2018-2020 table-1.csv</p> <p><i>variables:</i> UKPRN</p>

U-Multirank Question	Data element	Mapped element
		<p> First year marker Level of study Mode of study Region of HE provider Country of HE provider Category marker Category Academic Year </p> <p> <i>filters:</i> First year marker=All, Level of study=All, Mode of study=All, Region of HE provider=All, Country of HE provider=All, Category marker=Domicile, Category=Total Non-UK, Academic Year=2018/19, Academic Year=2019/20, Academic Year=2020/21 </p> <p> <i>function:</i> Total number of foreign students per institution(by UKPRN code) for academic year 2018/19 Total number of foreign students per institution(by UKPRN code) for academic year 2019/20 Total number of foreign students per institution(by UKPRN code) for academic year 2020/21 </p> <p> <i>link:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-1 </p>

U-Multirank Question	Data element	Mapped element
Q7: New entrants	New entrants enrolled in 1st year bachelor programmes	<p><i>source:</i> HESA data; last updated January 19 (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> 2018-2020 table-1.csv</p> <p><i>variables:</i> UKPRN First year marker Level of study Mode of study Region of HE provider Country of HE provider Category marker Academic Year</p> <p><i>filters:</i> First year marker= First year, Level of study= First degree, Mode of study= Full-time, Region of HE provider=All, Country of HE provider=All, Category marker=Total, Academic Year=2018/19, Academic Year=2019/20, Academic Year=2020/21</p> <p><i>function:</i> New full-time entrants into Bachelors programs per institution(by UKPRN code) for academic year 2018/19 New full-time entrants into Bachelors programs per institution(by UKPRN code) for academic year 2019/20 New full-time entrants into Bachelors programs per institution(by UKPRN code) for academic year 2020/21</p>

U-Multirank Question	Data element	Mapped element
	New entrants enrolled in 1st year bachelor parttime programmes	<p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-1</p> <p><i>source:</i> HESA data; last updated January 19 (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> 2018-2020 table-1.csv</p> <p><i>variables:</i> UKPRN First year marker Level of study Mode of study Region of HE provider Country of HE provider Category marker Academic Year</p> <p><i>filters:</i> First year marker= First year, Level of study= First degree, Mode of study= Part-time, Region of HE provider=All, Country of HE provider=All, Category marker=Total, Academic Year=2018/19, Academic Year=2019/20 Academic Year=2020/21</p> <p><i>function:</i> New part-time entrants into Bachelors programs per institution(by UKPRN code) for academic year 2018/19 New part-time entrants into Bachelors programs per institution(by UKPRN code) for academic year 2019/20</p>

U-Multirank Question	Data element	Mapped element
		<p>New part-time entrants into Bachelors programs per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-1</p>
	<p>New entrants enrolled in 1st year master programmes</p>	<p><i>source:</i> HESA data; last updated January 19 (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> 2018-2020 table-1.csv</p> <p><i>variables:</i> UKPRN First year marker Level of study Mode of study Region of HE provider Country of HE provider Category marker Academic Year</p> <p><i>filters:</i> First year marker= First year, Level of study=Postgraduate (taught), Mode of study=Full-time, Region of HE provider=All, Country of HE provider=All, Category marker=Total, Academic Year=2018/19, Academic Year=2019/20, Academic Year=2020/21</p>

U-Multirank Question	Data element	Mapped element
		<p><i>function:</i> New full-time entrants into Masters programs per institution(by UKPRN code) for academic year 2018/19 New full-time entrants into Masters programs per institution(by UKPRN code) for academic year 2019/20 New full-time entrants into Masters programs per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-1</p>
	<p>New entrants enrolled in 1st year master parttime programmes</p>	<p><i>source:</i> HESA data; last updated January 19 (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> 2018-2020 table-1.csv</p> <p><i>variables:</i> UKPRN First year marker Level of study Mode of study Region of HE provider Country of HE provider Category marker Academic Year</p> <p><i>filters:</i> First year marker= First year, Level of study=Postgraduate (taught), Mode of study=Part-time,</p>

U-Multirank Question	Data element	Mapped element
		<p>Region of HE provider=All, Country of HE provider=All, Category marker=Total, Academic Year=2018/19, Academic Year=2019/20, Academic Year=2020/21</p> <p><i>function:</i> New part-time entrants into Masters programs per institution(by UKPRN code) for academic year 2018/19 New part-time entrants into Masters programs per institution(by UKPRN code) for academic year 2019/20 New part-time entrants into Masters programs per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-1</p>
Q9: Graduates	Short degree	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-16</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Qualification Classification marker Level of qualification Degree classification Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Qualification Classification marker=Level of qualification,</p>

U-Multirank Question	Data element	Mapped element
		<p>Level of qualification Degree classification=Other undergraduate, Level of qualification Degree classification=Foundation degree, Level of qualification Degree classification=HNC/HND,</p> <p><i>function:</i> Short-degree graduates per institution(by UKPRN code) for academic year 2018/19 Short-degree graduates per institution(by UKPRN code) for academic year 2019/20 Short-degree graduates per institution(by UKPRN code) for academic year 2020/21</p>
	Bachelor	<p><i>source:</i> HESA data (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-16</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Qualification Classification marker Level of qualification Degree classification Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Qualification Classification marker=Level of qualification, Level of qualification Degree classification=First degree,</p> <p><i>function:</i> Bachelor graduates per institution(by UKPRN code) for academic year 2018/19 Bachelor graduates per institution(by UKPRN code) for academic year 2019/20</p>

U-Multirank Question	Data element	Mapped element
		Bachelor graduates per institution(by UKPRN code) for academic year 2020/21
	Master	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-16</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Qualification Classification marker Level of qualification Degree classification Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Qualification Classification marker=Level of qualification, Level of qualification Degree classification=Masters taught,</p> <p><i>function:</i> Masters graduates per institution(by UKPRN code) for academic year 2018/19 Masters graduates per institution(by UKPRN code) for academic year 2019/20 Masters graduates per institution(by UKPRN code) for academic year 2020/21</p>

U-Multirank Question	Data element	Mapped element
	Doctorate/Phd	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-16</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Qualification Classification marker Level of qualification Degree classification Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Qualification Classification marker=Level of qualification, Level of qualification Degree classification=Doctorate research,</p> <p><i>function:</i> Doctorate graduates per institution(by UKPRN code) for academic year 2018/19 Doctorate graduates per institution(by UKPRN code) for academic year 2019/20 Doctorate graduates per institution(by UKPRN code) for academic year 2020/21</p>
Q10: Graduates by field	Education	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-19 (2018/19)</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Level of qualification obtained Subject of study marker Subject of study</p>

U-Multirank Question	Data element	Mapped element
		<p>Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Level of qualification obtained= All, Subject of study marker= Subject area, Subject of study= (I) Education</p> <p><i>function:</i> Graduates per field(Education) per institution(by UKPRN code) for academic year 2018/19</p>
	Humanities and arts	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-19 (2018/19)</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Level of qualification obtained Subject of study marker Subject of study Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Level of qualification obtained= All, Subject of study marker= Subject area, Subject of study= (F) Languages & (G) Historical and philosophical studies & (H) Creative arts and design</p>

U-Multirank Question	Data element	Mapped element
		<p><i>function:</i> Graduates per field (Humanities and arts) per institution(by UKPRN code) for academic year 2018/19</p>
	Social sciences	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-19 (2018/19)</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Level of qualification obtained Subject of study marker Subject of study Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Level of qualification obtained= All, Subject of study marker= Subject area, Subject of study= (B) Social studies & (E) Mass communications and documentation</p> <p><i>function:</i> Graduates per field (Social sciences) per institution(by UKPRN code) for academic year 2018/19</p>
	Business and law	<p><i>source:</i> HESA data;</p>

U-Multirank Question	Data element	Mapped element
		<p>(Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-19 (2018/19)</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Level of qualification obtained Subject of study marker Subject of study Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Level of qualification obtained= All, Subject of study marker= Subject area, Subject of study= (C)Law & (D) Business and administrative studies</p> <p><i>function:</i> Graduates per field (Business and law) per institution (by UKPRN code) for academic year 2018/19</p>
	Natural science, mathematics and statistics	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-19 (2018/19)</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Level of qualification obtained Subject of study marker Subject of study</p>

U-Multirank Question	Data element	Mapped element
		<p>Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Level of qualification obtained= All, Subject of study marker= Subject area, Subject of study= (3) Biological sciences & (6) Physical sciences & (7) Mathematical sciences,</p> <p><i>function:</i> Graduates per field (Natural science, mathematics and statistics) per institution (by UKPRN code) for academic year 2018/19</p>
	Information and communication technologies	<p><i>source:</i> HESA data (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-19 (2018/19)</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Level of qualification obtained Subject of study marker Subject of study Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Level of qualification obtained= All, Subject of study marker= Subject area, Subject of study= (8) Computer science</p>

U-Multirank Question	Data element	Mapped element
		<p><i>function:</i> Graduates per field (Information and communication technologies) per institution (by UKPRN code) for academic year 2018/19</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-19</p>
	Engineering, manufacturing and construction	<p><i>source:</i> HESA data (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-19 (2018/19)</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Level of qualification obtained Subject of study marker Subject of study Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Level of qualification obtained= All, Subject of study marker= Subject area, Subject of study= (9) Engineering and technology & (A) Architecture, building and planning</p> <p><i>function:</i> Graduates per field (Engineering, manufacturing and construction) per institution (by UKPRN code) for academic year 2018/19</p>
	Agriculture forestry, fisheries and veterinary	<p><i>source:</i> HESA data (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-19 (2018/19)</p> <p><i>variables:</i> UKPRN Region of HE provider</p>

U-Multirank Question	Data element	Mapped element
		<p>Country of HE provider Level of qualification obtained Subject of study marker Subject of study Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Level of qualification obtained= All, Subject of study marker= Subject area, Subject of study= (5) Agriculture and related subjects & (4) Veterinary science</p> <p><i>function:</i> Graduates per field (Agriculture forestry, fisheries and veterinary) per institution (by UKPRN code) for academic year 2018/19</p>
	Health and social welfare	<p><i>source:</i> HESA data(Creative Commons Attribution 4.0 International Licence) <i>table:</i> https://www.hesa.ac.uk/data-and-analysis/students/table-19 (2018/19) <i>variables:</i> UKPRN Region of HE provider Country of HE provider Level of qualification obtained Subject of study marker Subject of study Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Level of qualification obtained= All, Subject of study marker= Subject area, Subject of study=(1) Medicine and dentistry & (2) Subjects allied to medicine</p>

U-Multirank Question	Data element	Mapped element
		<p><i>function:</i> Graduates per field (Health and social welfare) per institution (by UKPRN code) for academic year 2018/19</p>
Q12: Graduate unemployment	Bachelor	<p>Source: HESA data table Graduate outcomes; unemployment.</p> <p>Table 6: Graduate activities by provider (academic year 2019/20)</p> <p>Filters: Country=All; domicile=All; Mode of former study=All; Level of qualification=Undergraduate; Interim study=Exclude significant interim study; Activity=Unemployed + Unemployed and due to start further study + Unemployed and due to start work</p> <p>Link: https://www.hesa.ac.uk/data-and-analysis/graduates/activities</p>
	Master	<p>Source: table Graduate outcomes; unemployment. Country=All; domicile=All; Mode of former study=All; Level of qualification=Postgraduate; Interim study=Exclude significant interim study; Activity=Unemployed + Unemployed and due to start further study + Unemployed and due to start work</p>
Q14: Academic staff	Academic staff in FTEs	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/staff/table-6</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Contract marker</p>

U-Multirank Question	Data element	Mapped element
		<p>Activity standard occupational classification Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Contract marker=Total academic staff (including atypical), Activity standard occupational classification=Total academic staff (including atypical)</p> <p><i>function:</i> Academic staff in FTEs per institution(by UKPRN code) for academic year 2018/19 Academic staff in FTEs per institution(by UKPRN code) for academic year 2019/20 Academic staff in FTEs per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/staff/table-6</p>
	Academic staff head-count	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/staff/table-8</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Mode of employment Activity standard occupational classification Category Marker Category Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Mode of employment=All, Activity standard occupational classification=All, Category Marker=Total academic staff,</p>

U-Multirank Question	Data element	Mapped element
		<p>Category=Total academic staff,</p> <p><i>function:</i> Academic staff headcount per institution(by UKPRN code) for academic year 2018/19 Academic staff headcount per institution(by UKPRN code) for academic year 2019/20 Academic staff headcount per institution(by UKPRN code) for academic year 2020/21</p>
	female academic staff	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/staff/table-8</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Mode of employment Activity standard occupational classification Category Marker Category Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Mode of employment=All, Activity standard occupational classification=All, Category Marker=Sex, Category=Female,</p> <p><i>function:</i> Female academic staff headcount per institution(by UKPRN code) for academic year 2018/19, Female academic staff headcount per institution(by UKPRN code) for academic year 2019/20, Female academic staff headcount per institution(by UKPRN code) for academic year 2020/21,</p>

U-Multirank Question	Data element	Mapped element
Q16: Currency and Unit	Currency	
Q17: Revenues	Unit	1
	Total revenues	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-1</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Category Marker Category Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Category Marker=Income, Category=Total Income,</p> <p><i>function:</i> Total revenues per institution(by UKPRN code) for academic year 2018/19, Total revenues per institution(by UKPRN code) for academic year 2019/20, Total revenues per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-1</p>
	Core budget	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-1</p> <p><i>variables:</i> UKPRN</p>

U-Multirank Question	Data element	Mapped element
		<p>Region of HE provider Country of HE provider Category Marker Category Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Category Marker=Income, Category=Funding body grants,</p> <p><i>function:</i> Core budget per institution(by UKPRN code) for academic year 2018/19, Core budget per institution(by UKPRN code) for academic year 2019/20, Core budget per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-1</p>

U-Multirank Question	Data element	Mapped element
	Tuition fees from students in degree programmes	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-6</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Source of fees Tuition fees and education contracts marker Tuition fees and education contracts Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Source of fees=Total, Tuition fees and education contracts marker=Total HE course fees, Tuition fees and education contracts=Total HE course fees,</p> <p><i>function:</i> Tuition fee revenues per institution(by UKPRN code) for academic year 2018/19, Tuition fee revenues per institution(by UKPRN code) for academic year 2019/20, Tuition fee revenues per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-6</p>
	Fees from courses organised within the framework of continuing professional development (CPD)	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-6</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider</p>

U-Multirank Question	Data element	Mapped element
		<p>Source of fees Tuition fees and education contracts marker Tuition fees and education contracts Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Source of fees=Total, Tuition fees and education contracts marker=Non-credit bearing course fees, Tuition fees and education contracts=Total HE course fees & FE course fees & Research training support grants</p> <p><i>function:</i> Core revenues per institution(by UKPRN code) for academic year 2018/19, Core revenues per institution(by UKPRN code) for academic year 2019/20, Core revenues per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-6</p>
	External revenues from research	<p><i>source:</i> HESA data (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-1</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Category Marker Category Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All,</p>

U-Multirank Question	Data element	Mapped element
		<p>Category Marker=Income, Category=Research grants and contracts,</p> <p><i>function:</i> External research revenues per institution(by UKPRN code) for academic year 2018/19, External research revenues per institution(by UKPRN code) for academic year 2019/20, External research revenues per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-1</p>
	external revenues from privately funded research contracts	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-5</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider HESA cost centre marker HESA cost centre Source of income Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, HESA cost centre marker=207 Total research grants and contracts, HESA cost centre=207 Total research grants and contracts, Source of income=2 UK-based charities (open competitive process) & 3 UK based charities (other) & 6 UK industry, commerce and public corporations & 9 EU-based charities (open competitive process & 10 EU industry, commerce and public corporations & 12 Non-EU-based charities (open competitive process) & 13 Non-EU industry, commerce and public corporations</p>

U-Multirank Question	Data element	Mapped element
		<p><i>function:</i> External private research revenues per institution(by UKPRN code) for academic year 2018/19, External private revenues per institution(by UKPRN code) for academic year 2019/20, External private research revenues per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-5</p>
	Revenues from licensing agreements, copyrighted products and royalties	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/providers/business-community/table-4c</p> <p><i>variables:</i> UKPRN Academic Year</p> <p><i>All sub-categories of other variables selected since category "all" was not available</i> <i>Other variables are:</i> Region of HE provider Country of HE provider Income source Type of organisation Unit</p> <p><i>filters:</i> No filters besides academic year applied</p> <p><i>function:</i> Revenues from licensing agreements, copyrighted products and royalties per institution(by UKPRN code) for academic year 2018/19, Revenues from licensing agreements, copyrighted products and royalties per institution(by UKPRN code) for academic year 2019/20,</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/providers/business-community/table-4c</p>
	Other revenues	

U-Multirank Question	Data element	Mapped element
Q19: Expenditure	Total expenditure	<p><i>source:</i> HESA data (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-1</p> <p><i>variables:</i> UKPRN Region of HE provider Country of HE provider Category Marker Category Academic Year</p> <p><i>filters:</i> Region of HE provider=All, Country of HE provider=All, Category Marker=Expenditure, Category=Total Expenditure,</p> <p><i>function:</i> Total expenditure per institution(by UKPRN code) for academic year 2018/19, Total expenditure per institution(by UKPRN code) for academic year 2019/20 Total expenditure per institution(by UKPRN code) for academic year 2020/21</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/finances/table-1</p>
Q21: Graduate companies	Number of graduate founded companies	<p><i>source:</i> HESA data; (Creative Commons Attribution 4.0 International Licence)</p> <p><i>table:</i> https://www.hesa.ac.uk/data-and-analysis/providers/business-community/table-4e</p> <p><i>variables:</i> UKPRN Academic Year Metric Category Marker</p> <p><i>filters:</i> Metric=Number (of newly registered companies within the reporting period), Category Marker=Graduate start-ups</p>

U-Multirank Question	Data element	Mapped element
		<p><i>function:</i> Number of graduate founded companies per institution(by UKPRN code) for academic year 2018/19, Number of graduate founded companies per institution(by UKPRN code) for academic year 2019/20</p> <p><i>link:</i> https://www.hesa.ac.uk/data-and-analysis/providers/business-community/table-4e</p>