PREFILLING U-MULTIRANK DATA FOR AUSTRALIA

U-Multriank 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 Australia.

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 Australian HEIs are:

- **Australian Government, Department of Education, Skills and employment**
- The **World Bank:** exchange rate and PPP for revenue and expense data

NATIONAL

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

The data from the Australian Government, Department of Education, Skills and employment is free to copy, use, share, and adapt for any purpose. The data are provided in an interactive tool (ucube) and static datatables.

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)
- Financial data (revenue 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 used 2018 (2018/19 data) and 2019 (2019/20).

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 data[1], including exchange rate and PPP data.

Data obtained:

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

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[1] World Bank. (2022). The Wolrd Bank Data. Retrieved from the World Bank: https://data.worldbank.org/about

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
Q5: Students	Students enrolled	Source: ucube [enrolments] Selection Enrollment count by year [2018, 2019] by course level [total]
	Female students enrolled	Source: ucube [enrolments] Selection Enrollment count by gender [women] by year [2018, 2019] by course level [total]
Q6: International students	Foreign degree seeking students	Source: ucube [enrolments] Selection Enrollment count by citizenship category [overseas] by year [2018, 2019] by course level [total]

U-Multirank Question	Data element	Mapped element
Q7: New entrants	New entrants enrolled in 1st year bachelor programmes	Source: ucube [enrolments] Selection: Enrolment count by commencing name [commencing] by year [2015-2019] by course level [bachelor]
	New entrants enrolled in 1st year bachelor parttime programmes	Source: ucube [enrolments] Selection: Enrolment count by commencing name [commencing] by year [2015-2019] by course level [bachelor] by mode [parttime] of attendance
	New entrants enrolled in 1st year master programmes	Source: Selected Higher Education Statistics, 2019 Student data Selection Master_i programmes: `Master's by Coursework` Master_ii programmes: sum(`Master's by Research`,`Master's (Extended)
Q9: Graduates	bachelor	Source: Selected Higher Education Statistics, 2019 Student data Selection Table 14.8, [bachelor]
	Master	Source: Selected Higher Education Statistics, 2019 Student data Selection Table 14.8,

U-Multirank Question	Data element	Mapped element
		Master_i programmes: `Master's by Coursework` Master_ii programmes: sum(`Master's by Research`,`Master's (Extended)
	Doctorate/Phd	Source: Selected Higher Education Statistics, 2019 Student data Selection Table 14.8, [sum(`Higher Doctorate`,`Doctorate by Research`,`Doctorate by Coursework)]
Q10: **Graduates by field**	Education	Source: ucube [completions] Selection: Completion count by broad field of education [Education]

U-Multirank Question	Data element	Mapped element
	Humanities and arts	Source: ucube [completions] Selection: Completion count by broad field of education [Creative Arts]
	Social sciences	Source: ucube [completions] Selection: Completion count by broad field of education [Society and Culture]
	Business and law	Source: ucube [completions] Selection: Completion count by broad field of education [Management and Commerce]
	Natural science, mathematics and statistics	Source: ucube [completions] Selection: Completion count by broad field of education [Natural and Physical Sciences]
	Information and communication technologies	Source: ucube [completions] Selection: Completion count by broad field of education [Information Technology]
	Engineering, manufacturing and construction	Source: ucube [completions] Selection: Completion count by broad field of education [Engineering and Related Technologies] [Architecture and Building]
	Agriculture forestry,	Source: ucube [completions] Selection: Completion count by broad field of education [Agriculture Environmental and Related Studies]

U-Multirank Question	Data element	Mapped element
	fisheries and veterinary	[Architecture and Building
	Health and social welfare	Source: ucube [completions] Selection: Completion count by broad field of education [Health]
	Services	Source: ucube [completions] Selection: Completion count by broad field of education [Food Hospitality and Personal Services]
Q14: Academic staff	Academic staff in FTEs	Source: ucube [staff] Selection: FTE Staff Count by current duty classification [all except non-academic classification level group]
	Academic staff head-count	**Source: ucube [staff]** **Selection:**

U-Multirank Question	Data element	Mapped element
		Staff Count by current duty classification [all except non-academic classification level group]
	female academic staff	Source: ucube [staff] Selection: Staff Count by current duty classification [all except non-academic classification level group] by gender [female]
Q16: Currency and Unit	Currency	
Q17: Revenues	Unit	1000
	Total revenues	Source: Finance 2019 – Financial reports of higher education providers Table 1 [Total Revenues from Continuing Operations]
	Fees from courses organised within the framework of continuing	Source: Finance 2019 – Financial reports of higher education providers Table 1 [Fees and Charges/ Continuing education]

U-Multirank Question	Data element	Mapped element
	professional development (CPD)	