
PREFILLING U-MULTIRANK DATA FOR FINLAND

U-Multirank is a multidimensional and inclusive ranking. 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 will also be used to cross-reference the information retrieved from other sources. This document provides an overview of the sources found and reviewed, their use for cross-referencing and their use to prefill values for Swedish institutions included in U-Multirank and mapping choices made.

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 is not representative of your institution or country, or you are aware of alternative or better sources.

The key sources used for Sweden are:

- **VIPUNEN:** data on students, graduates, unemployment, academics, internationalization (some), research output
- **ETER:** data on students, academics, internationalization, revenues and expenditures
- The **World Bank:** exchange rate and PPP for revenue and expense data

NATIONAL OR REGIONAL SOURCES

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

VIPUNEN (eng.: Education Statistics Finland) is the education administration's reporting portal in Finland. Vipunen's statistics are based on data and registers collected by the Statistics Finland, the Ministry of Culture and Education and the Finnish National Agency for Education. Vipunen portal can be provides statistics and indicators for education in a number of educational sectors, placement of students after completion, research conducted in higher education institutions, the population's educational structure and the socio-economic background of students.¹

¹Vipunen. (2020). Vipunen – Education Statistics Finland. Retrieved from Vipunen: <https://vipunen.fi/en-gb/home>

Data obtained:

- Student data (e.g. number of students per program, graduates by field of specialisation, unemployment foreign students)
- Data on academic staff (e.g. academic staff employed(FTE), thereof doctoral candidates, female and foreign academic staff)
- Research Output (e.g. academic and professional publications, art-related research output)

EUROPEAN SOURCES

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

ETER (the European Tertiary Education Register) is a database collecting information on Higher Education Institutions (HEIs) in Europe. It contains data on educational activities, staff, finances and research activities as well as basic characteristics and geographical position. The main specificity of ETER is providing data at the level of individual higher education institutions, complementary to educational statistics at the country and regional level provided by EUROSTAT².

Data obtained*:

- Student data (e.g. number of students per program and gender, graduates by field of specialisation, student mobility)
- Data on academic staff (e.g. academic staff employed(FTE/HC; gender; foreign staff), doctoral students)
- Revenue data (e.g. amount per category, core, third-party funding)
- Expenditure data (e.g. personnel expenditures, non-personnel, capital expenditures)

*Note: Data is only used to validate corresponding fields in the national database if deemed necessary

INTERNATIONAL SOURCES

Measurement level: Institutional level except 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 converts and compare revenue and expense data

² ETER. (2019). About ETER. Retrieved from ETER Project: <https://www.eter-project.com/#/info/about>

³ World Bank. (2019). The World Bank Data. Retrieved from About us: <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:	
	Foundation year of current institution:	
	Availability of an institutional strategic plan for online learning	
Q3: Contact	Contact person first name:	
	Contact person last name:	
	Position /Unit:	
	Phone:	
	E-mail	
Q4: Programs	Short degree	
	Short degree online	
	Bachelor	3-year programs at Universities [180 ECTS]; 3.5 - 4 year programs at Universities of Applied Sciences [210-240 ECTS]

		<i>Note from a country expert: Study time in Vipunen database is gross-study time, meaning that it includes absent-periods. One might be absent because of military service or being on maternity leave.</i>
	Bachelor online	
	Bachelor part-time	
	Master	2 year programs at Universities [120 ECTS] <i>Note from a country expert: Study time in Vipunen database is gross-study time, meaning that it includes absent-periods. One might be absent because of military service or being on maternity leave.</i>
	Master online	
	Master Part-time	
	Long first degree	
	Doctorate/PhD	<i>Note from a country expert: Based on ECTS, usually not a full-time study. In the university act there is no limit on study time for doctoral students.</i>
	Doctorate/PhD online	
Q5: Students	Students enrolled	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University education <i>Category:</i> Students and degrees/ Students/ University <i>xlsx sheet:</i> Item 1 <i>variables:</i> [Students]; [Statistical year]; [University] <i>function:</i> Total students per institution for each year. UMR 2020 edition uses 2016,2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20opiskelijat-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsx</p> <p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University of applied sciences education <i>Category:</i> Students and degrees/ Students/ University of applied sciences</p>

		<p><i>xlsx sheet:</i> <i>Students in UAS education</i></p> <p><i>variables:</i> [Students]; [Statistical year]; [Univ. of applied sciences]</p> <p><i>function:</i> Total students per institution for each year. UMR 2020 edition uses 2016,2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20opiskelijat-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsx</p>
	Female students enrolled	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University education</p> <p><i>Category:</i> Students and degrees/ Students/ University</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Students]; [Gender]; [Statistical year]; [University]</p> <p><i>function:</i> Total female students per institution for each year. UMR 2020 edition uses 2016,2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20opiskelijat-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsx</p> <p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University of applied sciences education</p> <p><i>Category:</i> Students and degrees/ Students/ University of applied sciences</p> <p><i>xlsx sheet:</i> <i>Students in UAS education</i></p> <p><i>variables:</i> [Students]; [Gender]; [Statistical year]; [Univ. of applied sciences]</p> <p><i>function:</i> Total female students per institution for each year. UMR 2020 edition uses 2016,2017 and 2018 data.</p>

		<p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/_layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20opiskelijat-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsb</p>
Q6: International students	Foreign degree seeking students	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University education</p> <p><i>Category:</i> International activity/ Foreign students and graduates at universities/ University</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Foreign students]; [Statistical year]; [University]</p> <p><i>function:</i> Foreign students per institution for each year. UMR 2020 edition uses 2016,2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Kansainv%C3%A4lisyyss.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/_layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20ulkomaalaiset%20opiskelijat-%20n%C3%A4k%C3%B6kulma%20yliopisto_EN.xlsb</p> <p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University of applied sciences education</p> <p><i>Category:</i> International activity/ Foreign students/ University of applied sciences</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Foreign students]; [Statistical year]; [Univ. of applied sciences]</p> <p><i>function:</i> Foreign students per institution for each year. UMR 2020 edition uses 2016,2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Kansainv%C3%A4lisyyss.aspx</p>

		<i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulutuksen%20ulkomaalaiset%20opiskelijat-%20n%C3%A4k%C3%B6kulma%20amk_EN.xlsb
	Incoming students in international exchange programmes	
	Students sent out in international exchange programs	
	Students in international joint degree programmes	
Q7: New entrants	New entrants enrolled in 1st year bachelor programmes	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University education <i>Category:</i> Students and degrees/ New students/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [New students]; [Level of ed, tier 1(value – Bachelor’s or equivalent level)]; [Statistical year]; [University] <i>function:</i> Total new students per institution, categorized by level of education (bachelor’s degree) for each year. UMR 2020 edition uses 2016,2017 and 2018 data. *Internal transfers are excluded from new students while external transfers are included.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20uudet%20opiskelijat-n%C3%A4k%C3%B6kulma%20yliopisto_EN.xlsb</p> <p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University of applied sciences education</p>

		<p>Category Students and degrees/ New students/ University of applied sciences</p> <p>xlsx sheet: <i>Item 1</i></p> <p>variables: [New students]; [Level of ed, tier 1(value – Bachelor’s or equivalent level)]; [Statistical year]; [Univ. of applied sciences]</p> <p>function: Total new students per institution, categorized by level of education (bachelor’s degree) for each year.</p> <p>UMR 2020 edition uses 2016,2017 and 2018 data.</p> <p>Category description: https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p>data file: https://vipunen.fi/en-gb/_layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20aloittaneet%20vuodesta%202011%20-%20amk_EN.xlsb</p>
	Transfer into bachelor 2nd year	
	Transfer into bachelor 3rd year	
	New entrants enrolled in 1st year bachelor parttime programmes	
	New entrants enrolled in 1st year master programmes	<p>source: Vipunen [Education Statistics Finland]</p> <p>Type of HEI University education</p> <p>Category Students and degrees/ New students/ University</p> <p>xlsx sheet: <i>Item 1</i></p> <p>variables: [New students]; [Level of ed, tier 1(value – Master’s or equivalent level)]; [Statistical year]; [University]</p> <p>function: Total new students per institution, categorized by level of education (master’s degree) for each year.</p> <p>UMR 2020 edition uses 2016,2017 and 2018 data.</p>

		<p>*Internal transfers are excluded from new students while external transfers are included.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20uudet%20opiskelijat-n%C3%A4k%C3%B6kulma%20yliopisto_EN.xlsb</p> <p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University of applied sciences education</p> <p><i>Category:</i> Students and degrees/ New students/ University of applied sciences</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [New students]; [Level of ed, tier 1(value – Master’s or equivalent level)]; [Statistical year]; [Univ. of applied sciences]</p> <p><i>function:</i> Total new students per institution, categorized by level of education (bachelor’s degree) for each year.</p> <p>UMR 2020 edition uses 2016,2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20aloittaneet%20vuodesta%202011%20-%20amk_EN.xlsb</p>
	Transfer into master 2nd year	
	New entrants enrolled in 1st year master part-time programmes	
	Percentage of new entrants in bachelor programmes coming from the institution's region	

	Region used	
Q8: Internships	Students in internships	
	Students in internships in the institution's region	
	Students in internships abroad	
Q9: Graduates		
	Short degree	
	Bachelor	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University education <i>Category:</i> Students and degrees/ Degrees/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Level of ed, tier 1(value – Bachelor's or equivalent level)]; [Statistical year]; [University] <i>function:</i> Total number of Bachelor's degrees awarded per institution for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto EN.xlsb</p> <p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University of applied sciences education <i>Category:</i> Students and degrees/ Degrees/ University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Level of ed, tier 1(value – Bachelor's or equivalent level)]; [Statistical year]; [Univ. of applied sciences] <i>function:</i> Total number of Bachelor's degrees awarded per institution for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx</p>

		<p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk EN.xlsx</p>
	Bachelor part-time	
	Master	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University education <i>Category:</i> Students and degrees/ Degrees/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Level of ed, tier 1(value – Master’s or equivalent level)]; [Statistical year]; [University] <i>function:</i> Total number of Master’s degrees awarded per institution for each year. UMR 2020 edition uses one of the year’s for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto EN.xlsx</p> <p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University of applied sciences education <i>Category:</i> Students and degrees/ Degrees/ University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Level of ed, tier 1(value – Master’s or equivalent level)]; [Statistical year]; [Univ. of applied sciences] <i>function:</i> Total number of Master’s degrees awarded per institution for each year. UMR 2020 edition uses one of the year’s for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk EN.xlsx</p>
	Master Part-time	

<p>Long first degree</p> <p>Doctorate/PhD</p>	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI</i> University education</p> <p><i>Category</i> Students and degrees/ Degrees/ University</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Degrees]; [[Level of ed, tier 1(value – Doctoral or equivalent level)]; [Statistical year]; [University]</p> <p><i>function:</i> Total number of doctoral degrees awarded per institution for each year (includes Licentiate degrees). UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsb</p>
<p>Foreign doctorates</p>	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI</i> University education</p> <p><i>Category</i> Students and degrees/ Degrees/ University</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Degrees]; [Level of ed, tier 1(value – Doctoral or equivalent level)]; [Nationality (values – EU/EEA; Other)]; [Statistical year]; [University]</p> <p><i>function:</i> Total number of doctoral degrees awarded to foreign students per institution for each year (includes Licentiate degrees). UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsb</p>

	Female doctorates	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University education</p> <p><i>Category:</i> Students and degrees/ Degrees/ University</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Degrees]; [Level of ed, tier 1(value – Doctoral or equivalent level)]; [Gender]; [Statistical year]; [University]</p> <p><i>function:</i> Total number of doctoral degrees awarded to females per institution for each year (includes Licentiate degrees). UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsb</p>
Q10: Graduates by field	Education	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University education</p> <p><i>Category:</i> Students and degrees/ Degrees/ University</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Education)]; [Statistical year]; [University]</p> <p><i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsb</p> <p><i>source:</i> Vipunen [Education Statistics Finland]</p>

		<p>Type of HEI University of applied sciences education</p> <p>Category Students and degrees/ Degrees/ University of applied sciences</p> <p>xlsx sheet: <i>Item 1</i></p> <p>variables: [Degrees]; [Field of Education, tier 1 (value – Education)]; [Statistical year]; [Univ. of applied sciences]</p> <p>function: Total number of degrees awarded for all study levels per institution, categorized by field of study for each year.</p> <p>UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p>Category description: https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p>data file: https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk_EN.xlsb</p>
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	Humanities and arts	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University education <i>Category</i> Students and degrees/ Degrees/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Arts and Humanities)]; [Statistical year]; [University] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year’s for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsx</p> <p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University of applied sciences education <i>Category</i> Students and degrees/ Degrees/ University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Arts and Humanities)]; [Statistical year]; [Univ. of applied sciences] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year’s for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk_EN.xlsx</p>
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	Social sciences	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University education <i>Category</i> Students and degrees/ Degrees/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Social sciences, journalism and information)]; [Statistical year]; [University] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year’s for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsx</p> <p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University of applied sciences education <i>Category</i> Students and degrees/ Degrees/ University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Social sciences, journalism and information)]; [Statistical year]; [Univ. of applied sciences] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year’s for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk_EN.xlsx</p>
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	Business and law	<p> <i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University education <i>Category:</i> Students and degrees/ Degrees/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Business, administration and law)]; [Statistical year]; [University] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsx </p> <p> <i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University of applied sciences education <i>Category:</i> Students and degrees/ Degrees/ University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Business, administration and law)]; [Statistical year]; [Univ. of applied sciences] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk_EN.xlsx </p>
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<p>Natural science, mathematics and statistics</p>	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University education <i>Category</i> Students and degrees/ Degrees/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Natural sciences, mathematics and statistics)]; [Statistical year]; [University] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsx</p>
<p>Information and communication technologies</p>	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University of applied sciences education <i>Category</i> Students and degrees/ Degrees/ University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Natural sciences, mathematics and statistics)]; [Statistical year]; [Univ. of applied sciences] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk_EN.xlsx</p>

		<p> Category Students and degrees/ Degrees/ University xlsx sheet: <i>Item 1</i> variables: [Degrees]; [Field of Education, tier 1 (value – Information and Communication Technologies (ICT))]; [Statistical year]; [University] function: Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. Category description: https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx data file: https://vipunen.fi/en-gb/_layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsx </p> <p> source: Vipunen [Education Statistics Finland] Type of HEI University of applied sciences education Category Students and degrees/ Degrees/ University of applied sciences xlsx sheet: <i>Item 1</i> variables: [Degrees]; [Field of Education, tier 1 (value – Information and Communication Technologies (ICT))]; [Statistical year]; [Univ. of applied sciences] function: Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. Category description: https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx data file: https://vipunen.fi/en-gb/_layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk_EN.xlsx </p>
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	Engineering, manufacturing and construction	<p> <i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University education <i>Category</i> Students and degrees/ Degrees/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Engineering, manufacturing and construction)]; [Statistical year]; [University] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year’s for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto EN.xlsx </p> <p> <i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University of applied sciences education <i>Category</i> Students and degrees/ Degrees/ University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value –Engineering, manufacturing and construction)]; [Statistical year]; [Univ. of applied sciences] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year’s for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk EN.xlsx </p>
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<p>Agriculture forestry, fisheries and veterinary</p>	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University education <i>Category</i> Students and degrees/ Degrees/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value – Agriculture, forestry, fisheries and veterinary)]; [Statistical year]; [University] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year’s for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto EN.xlsx</p> <p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University of applied sciences education <i>Category</i> Students and degrees/ Degrees/ University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value - Agriculture, forestry, fisheries and veterinary)]; [Statistical year]; [Univ. of applied sciences] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year’s for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk EN.xlsx</p>
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	Health and social welfare	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University education <i>Category:</i> Students and degrees/ Degrees/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value - Health and welfare)]; [Statistical year]; [University] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsx</p> <p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University of applied sciences education <i>Category:</i> Students and degrees/ Degrees/ University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Degrees]; [Field of Education, tier 1 (value - Health and welfare)]; [Statistical year]; [Univ. of applied sciences] <i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year. UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk_EN.xlsx</p>
	Services	<p><i>source:</i> Vipunen [Education Statistics Finland]</p>

		<p>Type of HEI University education</p> <p>Category Students and degrees/ Degrees/ University</p> <p><i>xlsx sheet:</i> Item 1</p> <p><i>variables:</i> [Degrees]; [Field of Education, tier 1 (value - Services)]; [Statistical year]; [University]</p> <p><i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year.</p> <p>UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/_layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutuksen%20tutkinnot-n%C3%A4k%C3%B6kulma-yliopisto_EN.xlsx</p> <p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p>Type of HEI University of applied sciences education</p> <p>Category Students and degrees/ Degrees/ University of applied sciences</p> <p><i>xlsx sheet:</i> Item 1</p> <p><i>variables:</i> [Degrees]; [Field of Education, tier 1 (value - Services)]; [Statistical year]; [Univ. of applied sciences]</p> <p><i>function:</i> Total number of degrees awarded for all study levels per institution, categorized by field of study for each year.</p> <p>UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Opiskelijat-ja-tutkinnot.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/_layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulujen%20tutkinnot%20-%20amk_EN.xlsx</p>
Q11: Graduates on time	Bachelor	
	Bachelor part-time	

	Master	
	Master Part-time	
	Long first degree	
Q12: Graduate unemployment	Bachelor	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University education</p> <p><i>Category:</i> Placement after graduation/ Entry into employment/ University</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Main type of activity (values – Unemployed; Total)]; [1 yr after graduation]; [Level of education, tier 1 (value – Bachelor’s or equivalent)]; [Statistical year]; [University]</p> <p><i>function:</i> Percentage of graduates unemployed one year after completing their studies calculated as unemployed graduates over total graduates. UMR 2020 edition uses 2017 data for Finland (the latest available).</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Tutkinnon-suorittaneiden-sijoittuminen.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistosta%20valmistuneiden%20ty%C3%B6listyminen%20-%20yliopisto_EN.xlsb</p> <p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University of applied sciences education</p> <p><i>Category:</i> Placement after graduation/ Status in employment/University of applied sciences</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Main type of activity I (values – Unemployed; Total)]; [1 yr after graduation]; [Level of education, tier 1 (value – Bachelor’s or equivalent)]; [Statistical year]; [Univ. of applied sciences]</p> <p><i>function:</i> Percentage of graduates unemployed one year after completing their studies calculated as unemployed graduates over total graduates. UMR 2020 edition uses 2017 data for Finland (the latest available).</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Tutkinnon-suorittaneiden-sijoittuminen.aspx</p>

		<p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulusta%20valmistuneiden%20sijoittuminen%20-%20amk,%20ammattiasema_EN.xlsb</p>
	Master	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University education <i>Category:</i> Placement after graduation/ Entry into employment/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Main type of activity (values – Unemployed; Total)]; [1 yr after graduation]; [Level of education, tier 1 (value – Master’s or equivalent)]; [Statistical year]; [University] <i>function:</i> Percentage of graduates unemployed one year after completing their studies calculated as unemployed graduates over total graduates. UMR 2020 edition uses 2017 data for Finland (the latest available). <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Tutkinnon-suorittaneiden-sijoittuminen.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistosta%20valmistuneiden%20ty%C3%B6llistyminen%20-%20yliopisto_EN.xlsb</p> <p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University of applied sciences education <i>Category:</i> Placement after graduation/ Status in employment/University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Main type of activity I (values – Unemployed; Total)]; [1 yr after graduation]; [Level of education, tier 1 (value – Master’s or equivalent)]; [Statistical year]; [Univ. of applied sciences] <i>function:</i> Percentage of graduates unemployed one year after completing their studies calculated as unemployed graduates over total graduates. UMR 2020 edition uses 2017 data for Finland (the latest available).</p>

		<p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Tutkinnon-suorittaneiden-sijoittuminen.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/_layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulusta%20valmistuneiden%20sijoittuminen%20-%20amk,%20ammattiasema_EN.xlsb</p>
	Long first degree	
	Reference period used	
Q13: Graduates in region	Bachelor	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University education</p> <p><i>Category:</i> Placement after graduation/Regional Placement/ Region where the degree was attained</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Region of degree]; [Region of residence]; [1 yr after graduation]; [Level of education, tier 1 (value – Bachelor’s or equivalent)]; [Statistical year]; [University]</p> <p><i>function:</i> Percentage of Bachelor’s graduates employed in the region. UMR 2020 edition uses 2017 data for Finland (the latest available).</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Tutkinnon-suorittaneiden-sijoittuminen.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/_layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistosta%20valmistuneiden%20ty%C3%B6llistymisen%20-%20yliopisto_EN.xlsb</p> <p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University of applied sciences education</p> <p><i>Category:</i> Placement after graduation/ Regional Placement/ Region where the degree was attained</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Region of degree]; [Region of residence]; [1 yr after graduation]; [Level of education, tier 1 (value – Bachelor’s or equivalent)]; [Statistical year]; [Univ. of applied sciences]</p> <p><i>function:</i> Percentage of Bachelor’s graduates employed in the region.</p>

		<p>UMR 2020 edition uses 2017 data for Finland (the latest available).</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Tutkinnon-suorittaneiden-sijoittuminen.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulusta%20valmistuneiden%20aluell.%20sijoittuminen%20-%20suoritusmaakunta,%20asuinmaakunta EN.xlsx</p>
Master		<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p>Type of HEI University education</p> <p>Category Placement after graduation/ Entry into employment/ University</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Region of degree]; [Region of residence]; [1 yr after graduation]; [Level of education, tier 1 (value – Master’s or equivalent)]; [Statistical year]; [University]</p> <p><i>function:</i> Percentage of Master’s graduates employed in the region.</p> <p>UMR 2020 edition uses 2017 data for Finland (the latest available).</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Tutkinnon-suorittaneiden-sijoittuminen.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistosta%20valmistuneiden%20ty%C3%B6llistyminen%20-%20yliopisto EN.xlsx</p> <p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p>Type of HEI University of applied sciences education</p> <p>Category Placement after graduation/ Regional Placement/ Region where the degree was attained</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Region of degree]; [Region of residence]; [1 yr after graduation]; [Level of education, tier 1 (value – Master’s or equivalent)]; [Statistical year]; [Univ. of applied sciences]</p> <p><i>function:</i> Percentage of Master’s graduates employed in the region.</p> <p>UMR 2020 edition uses 2017 data for Finland (the latest available).</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Tutkinnon-suorittaneiden-sijoittuminen.aspx</p>

		<i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulusta%20valmistuneiden%20aluell.%20sijoittuminen%20-%20suoritusmaakunta,%20asuinmaakunta_EN.xlsb
	Long first degree	
	Region used	'Region of Residence' one year after graduation should match the 'Region of degree' (if an institution has campuses in multiple regions, the region of residence for a graduate needs to match the specific region where the degree was obtained.).
Q14: Academic staff	Academic staff in FTEs	<p> <i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University education <i>Category:</i> Personnel/Teaching and research staff at universities/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Research career phase or hourly teaching]; [Person work years in universities]; [Statistical year]; [University] <i>function:</i> Total number of academic staff expressed in full time equivalents (FTEs) <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Henkil%C3%B6st%C3%B6.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistojen%20opetus-%20ja%20tutkimushenkil%C3%B6kunta%20-%20yliopisto_en.xlsb </p> <p> <i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI:</i> University of applied sciences education <i>Category:</i> Personnel /Personnel in universities of applied sciences/ University of applied sciences education <i>xlsx sheet:</i> <i>Item 1</i> </p>

		<p>variables: [Task categorization (values – Teaching staff; RDI staff)]; [Person work years]; [Statistical year]; [University of applied sciences]</p> <p>function: Total number of academic staff expressed in full time equivalents (FTEs)</p> <p>Category description: https://vipunen.fi/en-gb/polytechnic/Pages/Henkil%C3%B6st%C3%B6.aspx</p> <p>data file: https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Amk%20henkil%C3%B6st%C3%B6%20-%20amk_EN.xlsx</p> <p><i>Note from a country expert: The variable [Person work years in universities] refers to the number of FTE employed in universities and [Person work years] refer to FTEs employed at Universities of applied science.</i></p>
	Academic staff head-count	
	academic staff with foreign nationality	<p>source: Vipunen [Education Statistics Finland]</p> <p>Type of HEI: University of applied sciences education</p> <p>Category: Personnel /Personnel in universities of applied sciences/ University of applied sciences education</p> <p>xlsx sheet: <i>Item 1</i></p> <p>variables: [Task categorization (values – Teaching staff; RDI staff)]; [Person work years]; [Statistical year]; [University of applied sciences]; [Nationality (value – Europe*; North America; Latin America and Caribbean; Africa, Asia)].</p> <p>function: Total number of academic staff expressed in full time equivalents (FTEs)</p> <p>Category description: https://vipunen.fi/en-gb/polytechnic/Pages/Henkil%C3%B6st%C3%B6.aspx</p> <p>data file: https://vipunen.fi/en-gb/ layouts/15/xlviewer.aspx?id=/en-gb/Reports/Amk%20henkil%C3%B6st%C3%B6%20-%20amk_EN.xlsx</p> <p><i>Note: [Person work years] refer to FTEs employed at Universities of applied science. U-Multirank will estimate the share of foreign academic staff from FTE's instead of headcount and acknowledge it on its website in the comment section next to the indicator. For the variable [nationality]* the category Europe excludes Finland.</i></p>

	female academic staff	<p> <i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University education <i>Category</i> Personnel/Teaching and research staff at universities/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Research career phase or hourly teaching]; [Person work years in universities]; [Statistical year]; [University]; [Gender(value – female)] <i>function:</i> Total number of female academic staff expressed in headcount (HC) <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Henkil%C3%B6st%C3%B6.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistojen%20opetus-%20ja%20tutkimushenkil%C3%B6kunta%20-%20yliopisto_en.xlsx </p> <p> <i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University of applied sciences education <i>Category</i> Personnel /Personnel in universities of applied sciences/ University of applied sciences education; [Gender(value – female)] <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Task categorization (values – Teaching staff; RDI staff)]; [Person work years]; [Statistical year]; [University of applied sciences] <i>function:</i> Total number of female academic staff expressed in full time equivalents (FTEs) <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Henkil%C3%B6st%C3%B6.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Amk%20henkil%C3%B6st%C3%B6%20-%20amk_EN.xlsx </p> <p> <i>Note from a country expert:</i> ‘The variable [Person work years in universities] refers to the number of FTE employed in universities and [Person work years] refer to FTEs employed at Universities of applied </p>
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		science.' U-Multirank will estimate the share of female academic staff from FTE's instead of headcount and acknowledge it on its website in the comment section next to the indicator.
	Status of doctoral candidates	
	Doctoral candidates counted as academic staff in FTEs	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University education</p> <p><i>Category:</i> Personnel/Teaching and research staff at universities/ University</p> <p><i>xlsx sheet:</i> Item 1</p> <p><i>variables:</i> [Research career phase or hourly teaching (value – Level 1 (e.g. Doctoral student)); [Person work years in universities]; [Statistical year]; [University]</p> <p><i>function:</i> Total number of doctoral candidates counted as academic staff expressed in full time equivalents (FTEs)</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Henkil%C3%B6st%C3%B6.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistojen%20opetus-%20ja%20tutkimushenkil%C3%B6kunta%20-%20yliopisto_en.xlsb</p>
	Doctoral candidates counted as academic staff in headcount	
	Doctoral candidates with foreign nationality	
	Female doctoral candidates	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University education</p> <p><i>Category:</i> Personnel/Teaching and research staff at universities/ University</p>

		<p><i>xlsx sheet:</i> Item 1</p> <p><i>variables:</i> [Research career phase or hourly teaching (value – Level 1 (e.g. Doctoral student)); [Person work years in universities]; [Statistical year]; [University]; [Gender(value – female)]]</p> <p><i>function:</i> Total number of female doctoral candidates expressed in headcount (HC)</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Henkil%C3%B6st%C3%B6.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistojen%20opetus-%20ja%20utkimushenkil%C3%B6kunta%20-%20yliopisto_en.xlsx</p> <p><i>Note from a country expert:</i> ‘The variable [Person work years in universities] refers to the number of FTE employed.’ U-Multirank will estimate the share of female doctoral candidates counted as academic staff from FTE’s instead of headcount and acknowledge it on its website in the comment section next to the indicator.</p>
<p>Q15: Post-docs</p>	<p>Post docs (head-count)</p>	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University education</p> <p><i>Category:</i> Personnel/Teaching and research staff at universities/ University</p> <p><i>xlsx sheet:</i> Item 1</p> <p><i>variables:</i> [Research career phase or hourly teaching (value – Level 1 (e.g. Postdoctoral researcher)); [Person work years in universities]; [Statistical year]; [University]]</p> <p><i>function:</i> Total number of doctoral candidates counted as academic staff expressed in full time equivalents (FTEs)</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Henkil%C3%B6st%C3%B6.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistojen%20opetus-%20ja%20utkimushenkil%C3%B6kunta%20-%20yliopisto_en.xlsx</p>

		<i>Note from a country expert: 'The variable [Person work years in universities] refers to the number of FTE employed in universities.' U-Multirank will estimate the share of postdocs from FTE's instead of headcount and acknowledge it on its website in the comment section next to the indicator.</i>
Q16: Currency and Unit	Currency	
Q17: Revenues	Unit	
	Total revenues	
	Core budget	
	Tuition fees from students in degree programmes	
	Fees from courses organised within the framework of continuing professional development (CPD)	
	External revenues from research	
	external revenues from privately funded research contracts	
	Revenues from licensing agreements, copyrighted products and royalties	
	Other revenues	
Q18: Revenues by source	Tuition fees from international sources as	

	% of total tuition fee revenues	
	External research revenues: % from international sources	
	External research revenues: % from national sources	
	External research revenues: % from regional sources	
Q19: Expenditure	Total expenditure	
	% on research	
	% on teaching	
	% on knowledge transfer	
	% on other activities	
Q20: Research outputs	Number of academic publications	<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p><i>Type of HEI:</i> University education</p> <p><i>Category:</i> Publications/Publications/ University</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Publications]; [Main Publication Category]; [Statistical year]; [University] <i>Values selected for [Main Publication Category]:</i> A Peer-reviewed scientific articles; C Scientific books (monographs); G Theses</p> <p><i>function:</i> Total number of academic publications; UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Julkaisut.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutus%20-%20julkaisut%20-%20yliopisto_en.xlsx</p>

		<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University of applied sciences education <i>Category</i> Publication/Publications/University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Publications]; [Main Publication Category]; [Statistical year]; [Univ. of applied sciences] <i>Values selected for [Main Publication Category]:</i> A Peer-reviewed scientific articles; C Scientific books (monographs); G Theses <i>function:</i> Total number of academic publications; UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Julkaisut.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulutus%20-%20julkaisut%20-%20ammattikorkeakoulu_en.xlsx</p>
	Number of professional publications	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University education <i>Category</i> Publications/Publications/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Publications]; [Main Publication Category]; [Statistical year]; [University] <i>Values selected for [Main Publication Category]:</i> D Publications intended for professional communities <i>function:</i> Total number of professional publications; UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data. <i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Julkaisut.aspx <i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutus%20-%20julkaisut%20-%20yliopisto_en.xlsx</p>

		<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University of applied sciences education <i>Category</i> Publication/Publications/University of applied sciences <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Publications]; [Main Publication Category]; [Statistical year]; [Univ. of applied sciences] <i>Values selected for [Main Publication Category]:</i> D Publications intended for professional communities</p> <p><i>function:</i> Total number of professional publications; UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Julkaisut.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulutus%20-%20julkaisut%20-%20ammattikorkeakoulu_en.xlsb</p>
	<p>Number of art-related research outputs</p>	<p><i>source:</i> Vipunen [Education Statistics Finland] <i>Type of HEI</i> University education <i>Category</i> Publications/Publications/ University <i>xlsx sheet:</i> <i>Item 1</i> <i>variables:</i> [Publications]; [Main Publication Category]; [Statistical year]; [University] <i>Values selected for [Main Publication Category]:</i> F Public artistic and design activities</p> <p><i>function:</i> Total number of arts output; UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/university/Pages/Julkaisut.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Yliopistokoulutus%20-%20julkaisut%20-%20yliopisto_en.xlsb</p>

		<p><i>source:</i> Vipunen [Education Statistics Finland]</p> <p>Type of HEI University of applied sciences education</p> <p>Category Publication/Publications/University of applied sciences</p> <p><i>xlsx sheet:</i> <i>Item 1</i></p> <p><i>variables:</i> [Publications]; [Main Publication Category]; [Statistical year]; [Univ. of applied sciences] <i>Values selected for [Main Publication Category]: F Public artistic and design activities</i></p> <p><i>function:</i> Total number of arts output; UMR 2020 edition uses one of the year's for 2016, 2017 and 2018 data.</p> <p><i>Category description:</i> https://vipunen.fi/en-gb/polytechnic/Pages/Julkaisut.aspx</p> <p><i>data file:</i> https://vipunen.fi/en-gb/layouts/15/xlviewer.aspx?id=/en-gb/Reports/Ammattikorkeakoulutus%20-%20julkaisut%20-%20ammattikorkeakoulu_en.xlsb</p>
Q21: Graduate companies	Number of graduate founded companies	
Q22: Spin-off companies	Number of newly founded spin-off companies	
Q23: Strategic partnerships	Total number of strategic partnerships [?92]	
	With enterprises	
	...thereof with enterprises in the region	
	With organisations in the civil society [

	...thereof with organisations in the civil society in the region	
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