

Tel: +65 6457 4822 Fax: +65 6457 7832 Email: enquiries@qs-asia.com Website: www.qs-asia.com

# **QS Data Definitions**

#### Notes:

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1.	General	
1a	Full time	Standard number of working/study units.
1b	Full Time Equivalent (FTE)	<ul> <li>Full Time Equivalent (FTE) is the total number of full-time personnel it would take to meet the commitments currently met by both the full-time and part-time personnel. If there are no part-time personnel, then FTE figure is equal to the headcount figure.</li> <li>A student/staff can be represented more than once as an FTE – if a student/staff is taking a full-time program and a part-time program, he/she will be counted into the Full-Time Headcount AND Part-Time Headcount.</li> <li><i>FTE = full-time headcount + (part-time headcount/3)</i></li> <li><i>Example: Derivation of FTE for faculty staff:</i> <ul> <li><i>number of full-time faculty staff headcount = 3000</i></li> <li><i>number of total faculty staff headcount = (3000+300) = 3300</i></li> <li><i>number of total faculty staff headcount = (3000+300) = 3200</i></li> </ul> </li> </ul>
1c	Average Fees	<ul> <li>number of FTE faculty staff = (3000 + 300/3) = 3100</li> <li>The average tuition fees is fees per academic year (two semesters) that a local/international student would be expected to pay for an undergraduate/postgraduate program, with program referring to the complete range of courses contributing to a degree/postgraduate degree.</li> <li>Please include all compulsory annual fees a local/international undergraduate/postgraduate student is expected to pay.</li> <li><u>Calculation of Average Fees</u> <ul> <li>(i) Calculation by <u>program</u>:</li> <li>= Sum of all yearly fees for each program ÷ Number of programs</li> <li>Remove outliers eg a certain medical program offered with an exceptionally high fee</li> <li>(ii) Calculation by <u>fee level</u>:</li> <li>= (Fee level × Number of students paying this level) ÷ Total number of students</li> <li>(iii) Calculation by <u>median</u>:</li> <li>= (Highest in total range + Lowest in total range) ÷ 2</li> <li>Suitable for distribution with outliers</li> <li>(iv) Calculation by <u>mode</u>:</li> <li>= The value that appears the most</li> </ul> </li> </ul>

### 2. Critical Data

Academic Faculty Staff	• Total number of <b>academic faculty staff</b> who are responsible for planning, directing and undertaking academic teaching only, research only or both teaching and research within Higher Education Institutions.
	<ul> <li>Include: vice-chancellors, deputy vice-chancellors, principals, deputy principals, professors, heads of school, associate professors, assistant professors, principal lecturers, readers, tutors, researchers, research fellows or postdoctoral researchers who contribute to teaching or research or both at your university for a minimum period of at least three months.</li> </ul>
	• Exclude: research assistants, PhD students who contribute to teaching, hospital residents who do not teach and/or undertake research in addition to clinical duties, exchange scholars or visiting faculty staff who are members of a university other than yours and who spend less than three months at your university.
	• Exclude: Off-shore academic faculty staff and staff that hold an academic post but are not active due to retirement or honorary appointment should also be excluded.
	<ul> <li>The important distinction for us is that staff counted as 'research only' should be academically involved in that research and should be likely to publish research outputs. A research assistant, in our understanding, is any individual who is not conducting their own research and is therefore not likely to publish research outputs. Said individual is (only) involved in research in terms of operational execution, such as a lab technician or equipment operator.</li> </ul>



QS ASIA QUACQUARELLI SYMONDS PTE LTD

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2b	International	• Number of coolemic family staff, who contribute to and an interaction and and the state
∠0	International Academic	• Number of academic faculty staff who contribute to academic teaching or research or both at your university for a minimum period of at least three months and who are of foreign nationality.
	Faculty Staff	<ul> <li>The term 'international' is hereby determined by citizenship.</li> </ul>
	I dealty Stall	<ul> <li>EU countries: include all foreign nationals, even if from another EU state.</li> </ul>
		<ul> <li>Hong Kong: include an roleign nationals, even in non-another Eo state.</li> <li>Hong Kong: include professors from Mainland China.</li> </ul>
		<ul> <li>Inclusion and exclusion mirrors those for academic faculty staff.</li> </ul>
		<ul> <li>It is important to note that visiting international faculty staff who are of foreign origin but members</li> </ul>
		of a university other than yours and who spend less than three months at your university should
		NOT be counted under this category.
		• In case of dual citizenship, the 'deciding' criteria should be 'citizenship obtained through birth',
		basically first passport obtained.
		• Include: vice-chancellors, deputy vice-chancellors, principals, professors, heads of school, associate
		professors, assistant professors, principal lecturers, tutors or postdoctoral researchers; faculty staff
		<ul> <li>who are permanent residents</li> <li>Exclude research assistants, PhD students who contribute to teaching, hospital residents, exchange</li> </ul>
		scholars or visiting faculty staff who are members of another university.
		<ul> <li>Exclude: Off-shore academic faculty staff</li> </ul>
2c	Academic	<ul> <li>Number of academic faculty staff employed during the last annual reporting period by your</li> </ul>
-	Faculty Staff with	institution that have been awarded a PhD or equivalent terminal degree
	PhD	• The annual reporting period is the last complete academic, financial or calendar year. Please supply
		whichever is easier to collect.
		• A terminal degree is the highest academic qualification in a given field.
2c	Undergraduate	• Total number of students pursuing a Bachelor's level or equivalent degree.
	Students	This includes programmes designed to provide intermediate academic and /or professional
		knowledge, skills and competencies leading to a first tertiary degree or equivalent qualification.
		Exclude: students pursuing certificates/diplomas and associates degrees
21	TT 1 1 4	Exclude: off-shore students from this count.
2d	Undergraduate International	• Number of undergraduate students who are foreign nationals and who spend at least three months at your university. (This figure is a proportion of the total number of undergraduate students.)
	Students	<ul> <li>The term 'international' is hereby determined by citizenship.</li> </ul>
	bradentis	<ul> <li>For EU countries, this includes all foreign nationals, even nationals of other EU states.</li> </ul>
		<ul> <li>In Hong Kong, this includes students from Mainland China.</li> </ul>
		<ul> <li>In case of dual citizenship, the 'deciding' criteria should be 'citizenship obtained through birth',</li> </ul>
		basically first passport obtained.
		Please exclude all exchange students and off-shore students.
		• As for summer school and/or language students, if they take up a particular (language) course that is
		outlined as 'undergraduate degree program' and the student can earn credits towards their final
		degree they should be included under 'international undergraduate students'.
		• Summer school and/or language students who take part in a course not contributing to a degree
		<ul><li>qualification should be counted under 'Total International Students'.</li><li>Foreign dual degree students can be included under 'international undergraduate students' if they</li></ul>
		• Foreign dual degree students can be included under international undergraduate students if they fulfil above criteria, spend at least three months at your university, earn credits towards their final
		degree and have your university's name written on their diploma.
2e	Undergraduate	<ul> <li>Number of undergraduate students attending your university on international exchange programmes</li> </ul>
	Exchange	for at least 1 semester during the annual reporting period.
	Students –	• The annual reporting period is the last complete academic, financial or calendar year. Please supply
	Inbound	whichever is easier to collect.
		• Exchange programmes that give out credit points but are less than 1 semester in duration are to be
		excluded.
		• The student exchange must be academic in nature and acknowledged by a formal agreement
		between the two Higher Education providers.
		• The exchange program must be between universities, NOT between a university and a company OR corporation OR a university with its offshore campuses.
		corporation OK a university with its orisitore campuses.



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2f	Undergraduate	Number of undergraduate students registered at your university who have attended another
	Exchange Students -	university abroad on international exchange programmes for at least 1 semester during the annual reporting period.
	Outbound	<ul> <li>The annual reporting period is the last complete academic, financial or calendar year. Please supply whichever is easier to collect.</li> </ul>
		<ul> <li>Exchange programmes that give out credit points but are less than 1 semester in duration are to be excluded.</li> </ul>
		• The student exchange must be academic in nature and acknowledged by a formal agreement
		<ul> <li>between the two Higher Education Providers.</li> <li>The exchange program must be between universities, NOT between a university and a</li> </ul>
		company/corporation OR a university with its offshore campus.
2g	Graduate/ Postgraduate Students	• For clarity, 'graduate' and 'postgraduate' are synonyms to embrace all students pursuing Masters, Doctoral or similar degrees such as 'Specialist', mainly referring to Eastern European and Central Asian countries. The term 'graduate' is more broadly used in US institutions and 'postgraduate' in British and European institutions.
		• Total number of students pursuing a higher-level degree (Master and Doctorate), including both taught and research postgraduates (e.g. PhD students)
		<ul> <li>That refers to programmes designed to provide advanced academic and/or professional knowledge,</li> </ul>
		skills and competencies leading to a second tertiary degree or equivalent qualification and programmes designed primarily to lead to an advanced research qualification, usually concluding with the submission and defence of a substantive dissertation of publishable quality based on original research.
		• Exclude off-shore students.
2h	Graduate/ Postgraduate International	• Number of graduate/ postgraduate students who are foreign nationals and who spend at least three months at your university. (This figure is a proportion of the 'total number of graduate/postgraduate students'.)
	Students	• The term 'international' is hereby determined by citizenship.
		<ul> <li>EU countries: include all foreign nationals, even nationals of other EU states.</li> <li>Hong Kong: include students from Mainland China.</li> </ul>
		• In case of dual citizenship, the 'deciding' criteria should be 'citizenship obtained through birth', basically first passport obtained.
		• Exclude: all exchange students and off-shore students.
		• As for summer school and/or language students, if they take up a particular (language) course that is outlined as 'postgraduate degree program' and the student can earn credits toward their final degree, they should be included under 'international postgraduate students'.
		• Summer school and/or language students who take part in a course not contributing to a degree qualification should be counted under 'Total International Students'.
		<ul> <li>Foreign dual degree students can be included under 'international graduate/postgraduate students' if they fulfil above criteria, spend at least three months at your university, earn credits towards their final degree and have your university's name written on their diploma.</li> </ul>
2i	Graduate/	Number of graduate/ postgraduate students attending the university on international exchange
	Postgraduate	programs for at least 1 semester during the annual reporting period.
	Exchange Students -	• The annual reporting period is the last complete academic, financial or calendar year. Please supply whichever is easier to collect.
	Inbound	• Exchange programmes that give out credit points but are less than 1 semester in duration are to be excluded.
		<ul> <li>The student exchange program must be academic in nature and acknowledged by a formal agreement between two Higher Education Providers.</li> </ul>
		<ul> <li>The exchange program must be between universities, NOT between a university and a company OR corporation, OR a university with its offshore campus</li> </ul>
2j	Graduate/	Number of graduate/postgraduate students registered at the university who have attended another
	Postgraduate	university abroad on international exchange programmes for at least 1 semester during the annual
	Exchange	reporting period.
	Students - Outbound	• The annual reporting period is the last complete academic, financial or calendar year. Please supply whichever is easier to collect.
		• Exchange programmes that give out credit points but are less than 1 semester in duration are to be excluded.



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	• The student exchange program must be academic in nature and acknowledged by a formal
	<ul><li>agreement between the two Higher Education Providers.</li><li>The exchange program must be between universities, NOT between a university and a company OR</li></ul>
	corporation, OR a university with its offshore campus.

### 3. Faculty Level Staff

<u>J.</u>	Faculty Dever	
3a	Visiting International Academic Faculty Staff - Inbound	<ul> <li>Number of academic faculty staff contributing to teaching or research at your university in the last annual reporting period who are visiting from an international institution for a minimum period of at least 3 months.</li> <li>The annual reporting period is the last complete academic, financial or calendar year. Please supply whichever is easier to collect.</li> </ul>
3b	Visiting International Academic Faculty Staff - Outbound	<ul> <li>Number of academic faculty staff employed by your institution contributing to teaching or research at an international institution in the annual reporting period for a minimum period of at least 3 months.</li> <li>The annual reporting period is the last complete academic, financial or calendar year. Please supply whichever is easier to collect.</li> </ul>
3с	Academic Staff with PhD	<ul> <li>Number of academic faculty staff employed during the last annual reporting period by your institution that have been awarded a PhD or equivalent terminal degree<sup>1</sup></li> <li>The annual reporting period is the last complete academic, financial or calendar year. Please supply whichever is easier to collect.</li> <li><sup>1</sup> A terminal degree is the highest academic qualification in a given field.</li> </ul>

## 4. Students - Undergraduate

4a	Undergraduate Fees - International	<ul> <li>Average tuition fees <u>per academic year (two semesters)</u> that an international student would be expected to pay for an undergraduate program, with program referring to the complete range of courses contributing to a degree.</li> <li>Please include all compulsory annual fees an international undergraduate student is expected to pay.</li> <li>For methods of calculation of average fees, refer to 1c of Section 1 – General</li> </ul>	
4b	Undergraduate Fees - Domestic	<ul> <li>Average tuition fees per academic year (two semesters) that a domestic student would be expected to pay for an undergraduate program, with program referring to the complete range of courses contributing to a degree.</li> <li>Please include all compulsory annual fees a domestic undergraduate student is expected to pay.</li> <li>For methods of calculation of average fees, refer to 1c of Section 1 – General</li> </ul>	
4c	Undergraduate Students – First Year	<ul> <li>Number of students pursuing a Bachelor's level or equivalent degree in their first year of study.</li> <li>Exclude: students pursuing certificates/diplomas and associate's degrees</li> </ul>	

## 5. Students - Graduate/Postgraduate

5a	Graduate / Postgraduate Fees – International	<ul> <li>Average tuition fees per academic year (two semesters) that an international student would be expected to pay for a graduate/postgraduate program, with "program" referring to the complete range of courses contributing to a degree.</li> <li>Please include all compulsory annual fees an international graduate/postgraduate student is</li> </ul>
		<ul> <li>expected to pay.</li> <li>For methods of calculation of average fees, refer to 1c of Section 1 – General</li> </ul>
5b	Graduate/Postgrad uate Fees – Domestic	<ul> <li>Average tuition fees per academic year (two semesters) that a domestic student would be expected to pay for a graduate/postgraduate program, with program referring to the complete range of courses contributing to a degree.</li> <li>Please include all compulsory annual fees a domestic graduate/postgraduate student is expected to pay.</li> <li>For methods of calculation of average fees, refer to 1c of Section 1 – General</li> </ul>



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#### 6. Students - Overall mlete this sectio

0.	(Complete this section	'all n only if separate data for undergraduate and graduate/postgraduate students are not available)
6a	Students	• Total number of students.
		• Where possible, please only include students pursuing degree level programs or higher.
		Exclude all students who are not currently active
6b	International Students	<ul> <li>Number of students who are foreign nationals. (This figure is a proportion of the 'total number of students'.)</li> <li>The term 'international' is hereby determined by citizenship.</li> </ul>
		• EU countries: include all foreign nationals, even nationals of other EU states.
		Hong Kong: include students from Mainland China.
		• In case of dual citizenship, the 'deciding' criteria should be 'citizenship obtained through birth', basically first passport obtained.
6с	Exchange Students – Inbound	• Total number of students attending your university on international exchange programs for at least 1 semester during the annual reporting period.
		• The annual reporting period is the last complete academic, financial or calendar year. Please supply whichever is easier to collect.
		• The exchange program must be academic in nature and acknowledge by a formal agreement between two Higher Education Providers.
		• The exchange program must be between universities, NOT between a university and a company
		OR corporation, OR a university with its offshore campus.
6d	Exchange Students – Outbound	<ul> <li>Total number of students registered at your university who have attended another university on an exchange program for at least 1 semester during the annual reporting period.</li> <li>The annual reporting period is the last complete academic, financial or calendar year. Please</li> </ul>
		supply whichever is easier to collect.
		<ul> <li>The exchange program must be academic in nature and acknowledged by a formal agreement between the two Higher Education Providers.</li> </ul>
		• The exchange program must be between universities, NOT between a university and a company OR corporation, OR a university with its offshore campus.
6e	Student Fees - International	• Average tuition fees per academic year (two semesters) that an international student would be expected to pay for a program, with program referring to the complete range of courses contributing to a degree.
		Please include all compulsory annual fees an international student is expected to pay
		• For methods of calculation of average fees, refer to 1c of Section 1 – General
	Student Fees -	• Average tuition fees per academic year (two semesters) that a domestic student would be expected
6f	Domestic	to pay for any program, with program referring to the complete range of courses contributing to a degree.
		<ul> <li>Please include all compulsory annual fees a domestic student is expected to pay.</li> </ul>
		<ul> <li>For methods of calculation of average fees, refer to 1c of Section 1 – General</li> </ul>
6g	Number of Male	<ul> <li>Number of students who are male out of the total number of students (item 6a) studying at your</li> </ul>
~0	Students	university.
6h	Number of Female	<ul> <li>Number of students who are female out of the total number of students (item 6a) studying at your</li> </ul>
	Students	university.
		<i>↓</i>

### 7. Financial

7a	Annual Library Spending	<ul> <li>Library expenditure for the most recent annual reporting period.</li> <li>Please focus on acquisitions and exclude operating costs.</li> </ul>
7b	Research Funding – Total	<ul> <li>Total funding amount for ONLY externally sourced funding, such as government and industrial funding, allocated specifically for research for the latest completed academic year or for the last 12 months.</li> <li>Total funding for research = government funding + industrial funding + other funding (eg private individual or charity)</li> </ul>



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7c	Facilities Investment	<ul> <li>Total amount spent in the last annual reporting period on infrastructure and facilities investment (e.g. new buildings, refurbishments and upgrades, communications infrastructure, sports facilities, laboratory equipment etc)</li> <li>This can include external sources as well as private donors.</li> </ul>
7d	Research Funding – Government	• Please provide a total figure for government funding allocated specifically for research for the last <b>annual reporting period</b> – funds from the EU or similar trans-national body can be included.
7e	Research Funding – Industry	<ul> <li>The total amount of income from industry either for use of facilities, commissioning of research or licensing of intellectual property referring to the latest annual reporting period.</li> <li>Please include only externally sourced funding from the public and private sectors and exclude private donor support.</li> </ul>
7f	Alumni Donations	• Total amount for alumni donations in the last annual reporting period.

### 8. Graduate Output

0.	Oracuate Out	
8a	Graduates Pursuing Further Study	• Percentage of graduates (from undergraduate programs in the academic year ending prior to the last <b>annual reporting period</b> <sup>1</sup> ) pursuing further study at your own institution or any other within 12 months after graduation.
8b	Graduates Employment	<ul> <li>Percentage of graduates (excluding those opting to pursue further study) in permanent employment within 12 months<sup>1</sup> of graduation.</li> <li><sup>1</sup> We do not want to instigate additional work, if you already collect graduate employment data for a different period post graduation (e.g. 3 months or 6 months) please supply those numbers and specify the period in the messages box.</li> </ul>
8c	PhDs Awarded	<ul> <li>Total number of PhDs (or equivalent terminal degree<sup>1</sup>) awarded in the last annual reporting period.</li> <li><sup>1</sup> A terminal degree is the highest academic qualification in a given field.</li> </ul>
8d	Number of Full- Time Careers Advisors	• Total number of staff employed by your institution on a full-time basis who are exclusively responsible for career support for your students (undergraduate and/or postgraduate)

### 9. Student Satisfaction

9a	Overall Student Satisfaction Rate	<ul> <li>Percentage of all students expressing satisfaction with their overall university experience</li> <li>Note: This data can be sourced from an existing survey completed by your students, for example the NSS (UK) or AuSSI (Australia), in which case please specify the source in the accompanying message box. Alternatively, the QS Intelligence Unit can provide a customised survey for you to distribute to students.</li> </ul>
9b	Teaching Student Satisfaction Rate	<ul> <li>Percentage of all students expressing satisfaction with the quality of their program.</li> <li>Note: This data can be sourced from an existing survey completed by your students, for example the NSS (UK) or AuSSI (Australia), in which case please specify the source in the accompanying message box. Alternatively, the QS Intelligence Unit can provide a customised survey for you to distribute to students.</li> </ul>



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### **10. Internationalisation**

10.							
10a	International	•	Number of universities (in the global top 500) your institution has research collaborations or				
	Research		partnership agreements with.				
	Collaborations	•	Include: student and teaching exchanges, collaborative research projects, exchange of academic				
			materials and other information, jointly offered executive development programmes.				
		•	Include: collaborations at either a university or faculty level.				
		•	State the names of these universities in the Submission Notes box.				

### 11. Third Mission

11a Community / • Total amount spent on community projects or cultural preservations within 200km of any campus							
Cultural       Investment         Investment       of affiliated facility in the last annual reporting period.         Cultural       Community investment relates to investment in the community local to where the university is based. This could be anything from urban redevelopment to investing in local primary and secondary education or to members of or groups within the local community service etc)         Cultural preservation could be perceived as investment in projects that directly contribute to the preservation of otherwise waning aspects of a university's national culture. Universities in Wales,	Cultural	<ul> <li>al of affiliated facility in the last annual reporting period.</li> <li>Community investment relates to investment in the community local to where the university is based. This could be anything from urban redevelopment to investing in local primary and secondary education or to members of or groups within the local community through any other conduit (e.g hospitals, prisons, homeless shelters, students involved in community service etc)</li> <li>Cultural preservation could be perceived as investment in projects that directly contribute to the preservation of otherwise waning aspects of a university's national culture. Universities in Wales, for example, spend a great deal on protecting the Welsh language and extending its use. There may be other aspects of a national culture which a university may explicitly or implicitly take a</li> </ul>					