

AAIR FORUM 2016

**WE ARE ENTERING THE CLOUD –
RULES AND PERCEPTIONS**

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WHAT IS 'CLOUD' AT DEAKIN?

Cloud (online) mode 'definition'

The dominant mode of delivery is through the University's online environment. There may or may not be compulsory contact hours online. In some Units students may be required to attend an event such as an exam or an assessment at a designated physical site.

CloudDeakin is Deakin University's cloud learning environment.

[CloudDeakin Login](#)

Your online learning environment

[Sign in as a different user?](#)

CloudDeakin for Students

Guides for students seeking assistance using CloudDeakin and associated applications.

[Student Help & Guides](#)

CloudDeakin for Staff

Guides for staff seeking assistance creating resources for CloudDeakin and associated applications.

[Staff Help & Guides](#)

AIMS

Share **Predimings and Prelimings and** Thoughts

Thought Provoking

Possible Implications

Discussion

Sharing



OVERVIEW

Difference between HEIMS and Student's perceptions via how they responded in the Student Experience Survey

Findings and possible implications for:

- My institution ie Deakin University
- Federal Government definitions/data
- National Surveys and QILT presentation
- Your institution?



FEDERAL GOVERNMENT REPORTING

Higher Education Information Management System (HEIMS)

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Department of Education & Training | Site Map | RSS Feed

Australian Government
Department of Education and Training

HEIMSHelp

Information about requirements and procedures for higher education and VET providers

CONTACT
HEIMS Data Collections team

 search

Home

Higher Education Student reporting requirements

Higher Education Staff reporting requirements

University Applications and Offers reporting requirements

VET FEE-HELP reporting requirements

Student data collection

- Several types of files
- Lots of variables
- Multiple reporting periods



STUDENT DATA COLLECTION

Field: Attendance mode

CODE	MEANING
1	Internal Mode of Attendance at an on-shore or off-shore campus (includes classroom based)
2	External Mode of Attendance at an on-shore or off-shore campus (includes electronic based, on line and correspondence)
3	Multi-modal Mode of Attendance
6	Employer based (VET providers only)

In Deakin Lingo: External = Cloud

ATTENDANCE MODE

Derived Field at Student/Course Level

The Mode of attendance code (E329) value is **derived** at the course level based on the individual values reported for each Unit of study code (E354). If there is only one Mode of attendance code (E329) for a student over the period the reported value is used, otherwise the value is set to "multi-modal".

<http://heimshelp.education.gov.au/sites/heimshelp/resources/reports/pages/he-student-enrolment-summary-report-coding-notes>



ATTENDANCE MODE

Explanation via Examples

Three Students each doing 4 units

A: all units on campus = **Internal**

B: all units online/distance = **External**

C: 3 on campus & 1 off campus = **Multimodal**



STUDENT EXPERIENCE SURVEY

National survey

‘Compulsory’ for universities

Population – 1st and 3rd year undergraduates

Conducted annually in August

Started in 2012 and from 2015, Non-University Higher Education Institutions participated

Measures performance on 5 aggregated scales

Comparative outcomes on QILT website



SES QUESTION - ONLINE

How much of your study do you do online?

- None
- About a quarter
- About half
- all or nearly all



SES QUESTION - ONLINE

How much of your study do you do online?

None	19%
About a quarter	33%
About half	27%
All or nearly all	20%



SES QUESTION - CAMPUS

Where has your study been mainly based in 2015?

- on one campus
- on two or more campuses
- mix of external, distance and on campus
- external/distance



SES QUESTION - CAMPUS

Where has your study been mainly based in 2015?

- 79% on one campus
- 6% on two or more campuses
- 7% mix of external, distance and on campus
- 9% external/distance



Yet 20% said they studied all or nearly all online!!

FROM HEIMS – MODE OF ATTENDANCE

Same students

80% Internal

11% External

10% Multimodal

Confused Yet?



SELF REPORTING

Students that **say** they are external/distance also **say** (overwhelmingly) they study all or nearly all online.

95% of Deakin SES respondents who said their 'Campus' was External also said their Proportion of study online was 'All or nearly all'



SELF REPORTING

Students that **say** they study all or nearly all online have a mixture of Campus responses.

- 44% On one campus
- 4% On two or more campuses
- 12% Mix of external, distance and on-campus
- 40% External/ Distance



HEIMS VERSUS SELF REPORT

Many students who are reported by HEIMS as being external **say** they are not studying 'solely' online, and conversely many reported by HEIMS as internal say they are studying online.

HEIMS Internal Deakin SES respondents to Online question :

12% said All or nearly all

29% said about half

36% said about a quarter

Only 23% said None!!



SO WHAT DOES THIS MEAN?

Deakin has large numbers of students who either are HEIMS identified as internal, or self-identified as other than external/distance when referencing location of study, that are nevertheless substantially online in regards their study.

So,... the most correct variable to use to see the effects of online on satisfaction et.al. is ONLINE



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How much of your study do you do online?

- None
- About a quarter
- About half
- all or nearly all



EFFECTS OF ONLINE STUDY ON OUTCOME VARIABLES

SES Scale Means by ONLINE - % Satisfied

	Skills development	Student Support	Learner engagement	Learning resources	Teaching quality
None	81%	77%	63%	93%	84%
About a quarter	85%	79%	65%	93%	86%
About half	86%	77%	64%	94%	85%
All or nearly all	78%	72%	40%	89%	78%
Total	83%	77%	59%	93%	84%

SES REPORT EXCERPT

Students who indicated that their proportion of study online is 'all or nearly all' are significantly less positive. At 20%, Deakin has one of the highest proportions amongst universities in regard to students who indicated their study online is 'all or nearly all'.

Eight universities have higher proportions varying from University of Tasmania at 26% through to Charles Darwin University at 71%. Eight universities have proportions of less than 10%

SUMMARY

HEIMS 'External' doesn't match
with Students 'ONLINE'

HEIMS External isn't a robust measure

Units aren't just Internal or External

Students have choices!

Students may and do study differently across time



IMPLICATIONS FOR DEAKIN

Rethink our analysis and definition of Cloud students to inform changes to improve their experience

Rethink categories/cohorts of students



AIMS

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LEARNINGS

Many more students perceive themselves as 'Cloud' than the formal (HEIMS) definition would have us believe

Government reporting is 'dated' in its definitions

Students change how they study across time – not static

Don't assume the data is correct - crosscheck



AIMS

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