

# Humanities Technologies

## Research methods and ICT use by humanities researchers

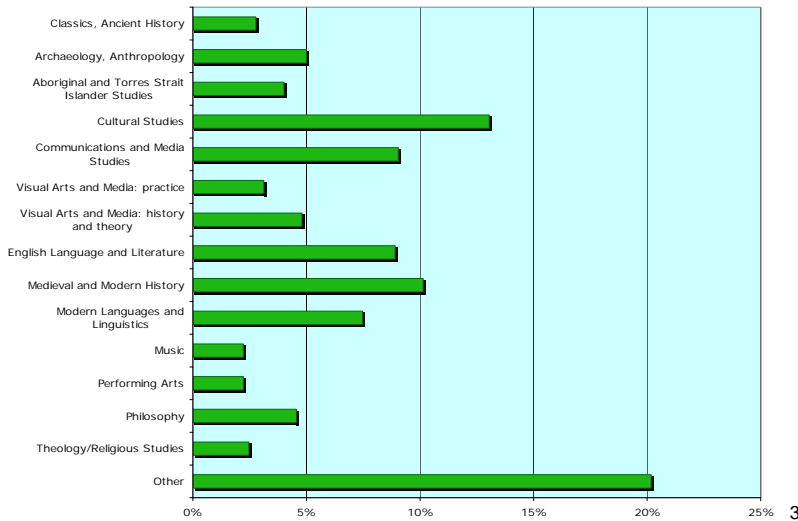
Sarah Howard and John Byron  
Australian Academy of the Humanities

A Linkage-Learned Academy Special Project  
funded by the Australian Research Council

## UK Survey

- 'Gathering evidence: current ICT use and future needs for arts and humanities researchers.'
- Lesley Huxley, Christine Mullings, Tamar Hodos, Diane Jones, University of Bristol.
- Survey conducted December 2005.

## Subject Areas Represented



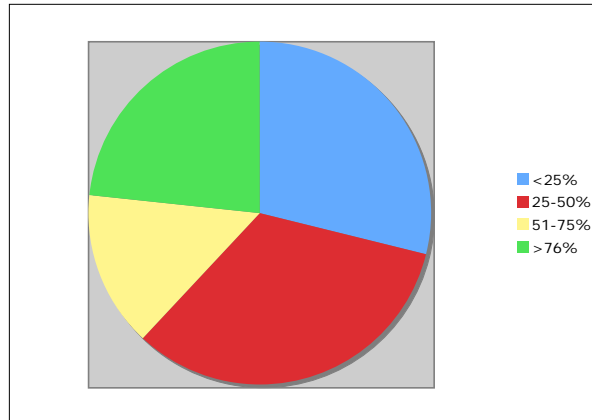
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## Other subjects

Advertising Media	Geography, GIS	Premodern Chinese Environmental And
American History	Governance And Public Management	Economic History
Ancient Near Eastern Languages:	Health	Professional And Creative
Hebrew, Ugaritic	Health Sociology	Communication
Art History	Hindi Language	Psychology
Asian Studies	Historical Cultural Heritage	Psychology
Australian Culture	History	Queensland History
Australian History	History Of Science And Medicine	Renaissance
Australian Social And Welfare History	Human Geography	Rock Art- Could Be Aboriginal And
Chinese Studies	Information Management For The	Torres St Islander Studies, Or Visual
Cinema History And Theory	Humanities	Arts
Contemporary American Politics	Information Studies (Librarianship)	Sleep Research
Counselling And Psychotherapy	International Relations	Social And Community Welfare
Creative Writing	International Studies	Social Planning
Criminology And Criminal Justice	Internet Studies	Social Policy
Cultural Heritage	Japanese Studies, Asian Studies	Social Research - Asset Mapping, Social
Cultural Industries Research	Journalism	Impact Assessment
Cultural Policy And Arts Management	Law And Criminology	Social Science
Cultural Sociology	Leadership In Catholic Education	Social Theory
Development Studies	Library And Information Studies	Sociology
Digital Cultures	Literacy And Bridging Subjects For ESL	Sociology And History Of Knowledge
Early Modern/Science/Religion	Learners	Sociology Of Race And Identity
Economics	Literary Criticism	Sociology/Labour Studies
Economics And Asian Studies	Management	Sound Studies And Media Art
Education	Medieval Languages And Literatures	Southeast Asian History: Indonesian
Education/Policy	Military History	Literatures
Environment	Modern History	Southeast Asian Modern History
Environmental Management	Munitions Production	Speech Pathology
Environmental Science	Music Includes Musicology	Teacher Education
Ethics	Old Norse-Icelandic Studies	Theory And Practice Of E-Research In
European Studies	Political Biography	Humanities
Film Studies/Documentary	Political Science	Tourism
French Literature And Culture	Political Sociology	Training And Development (Adult)
Gender Studies		Translation

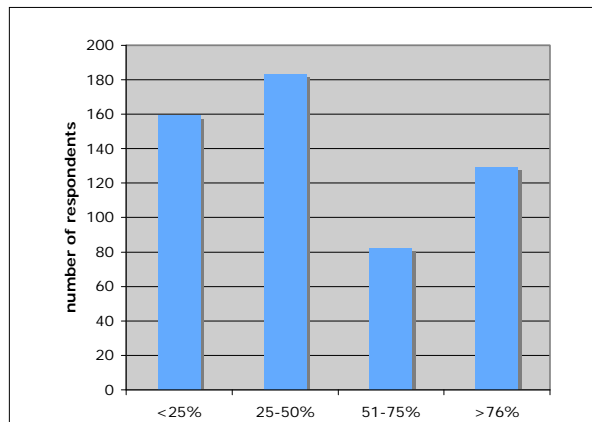
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## Time spent on research



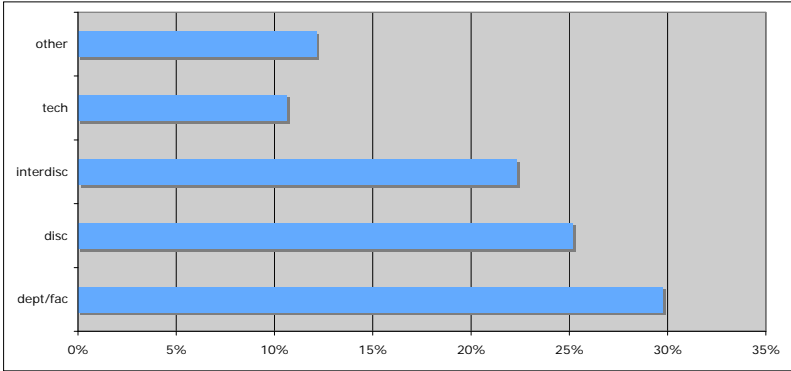
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## Time spent on research



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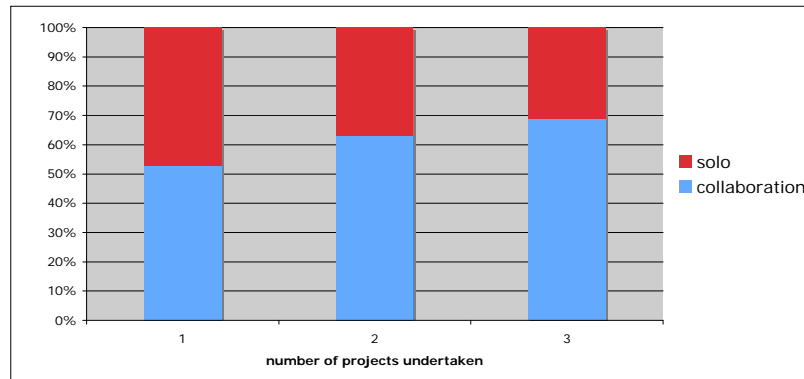
# Collaborations



# Other Collaborations

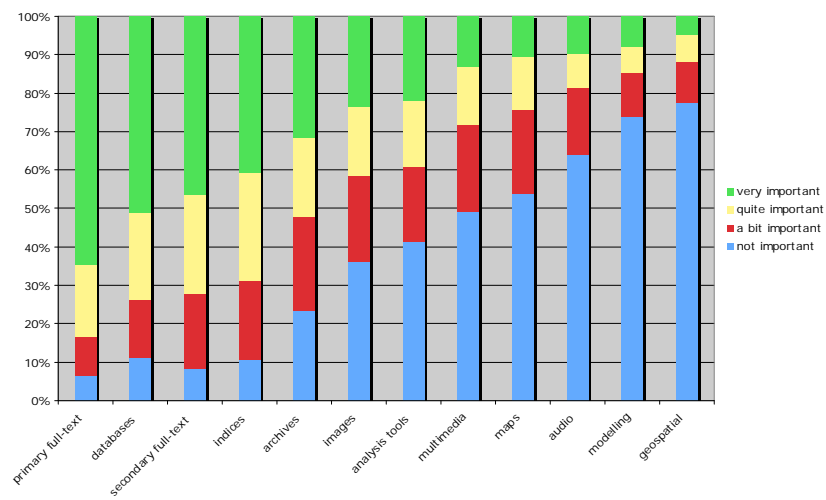
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|---|---|----------------------------|
| Aboriginal NGO And Health Organisations | Curator                                 | Performing Artists         |
| Academics And Community Groups          | Departmental Officers, Project Managers | Research Institutes        |
| Archives                                | Film Sound Designer                     | School Community           |
| Artists                                 | General Editor Of Series                | Soft-Money Researchers     |
| As An Independent Commissioned          | Indigenous Australians                  | Statistician               |
| Historian                               | Journalists                             | Student Excavators         |
| Bioarchaeologist                        | My Wife                                 | Taxi Drivers               |
| Commercial Research Organisations       | National Museum Of Australia            | Teachers                   |
| Community Collaborators                 | Conservators                            | Translators & Interpreters |
| Community Organisation                  | NGOs                                    | Visual Artists             |
| Community Women                         | Palynologist                            |                            |

## Collaborations vs multiple projects



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## Use of e-resources



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## Other e-resources

Audio podcasts	metadata clearing houses
audio/video recording	mobile media
blogs and other social networking devices	my own data sets from fieldwork
collaborative software	Net art sites and portals
Concordances	Networked communications
EEBO and ECCO	N-VIVO - a qualitative data analysis computer program
EEG equipment	On-line exhibitions
E-mail	Online news media and discussion groups/blogs
email- for journal editing	On-line news sources and trade journals
Endnote	On-line survey strategies
Global Positioning System	other e-repositories
High performance supercomputers	Radar images and remote sensing data
I Tunes, I Pod	statistical programs
Internet searching	survey data
Japanese script on the web	voice recognition programs
listservs	web search engines
media reports, government and NGO reports	Word-processed transcripts formatted for analysis

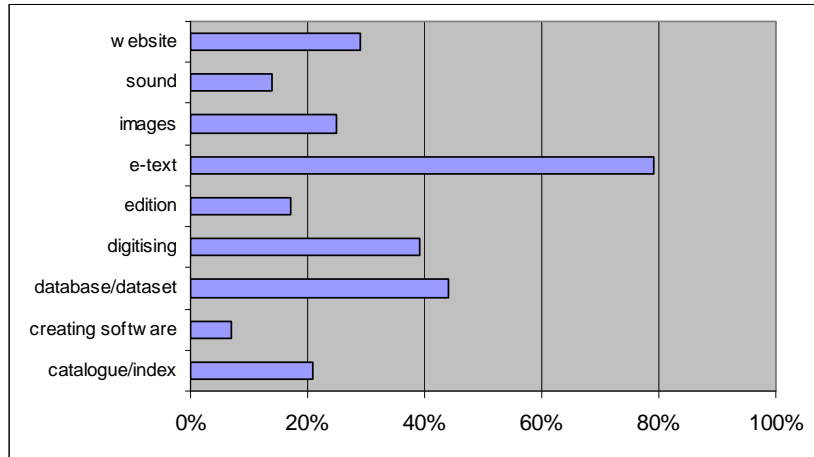
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## Science tools

ArchGIS; statistical programmes; databases	modelling software
Bibliography management software	Network modelling software: PNet
Blogs/Wikis	NUD*IST
Collate, Paupo, Splitstree	NVivo
Computer programs designed to calculate data	on-line surveys/questionnaires
Concordance to major texts	Photo manipulation, GIS
Database designed for a project	Population databases eg HILDA
database software for biographical and chronological data	Population modelling software
drupal cms, social software	Programme written for real-time sound presentation and data collection
excel	search engines and data harvesters an date base
File maker	simulation applications
Fontographer (creates Font for Mac)	SNA visualisation tools
GPS and GIS	SPSS
I Pod	statistical analysis of pictures
iCinema project involves digital projection	statistical analysis packages
IDL and fortran routines	Statistical manipulation of chemical analysis of ancient ceramics
image databases for gardens and paintings	Templates for entering field data and metadata
Info Select PIM	use of software to record screen action in order to monitor computer-aided collaborative writing processes in L2
IssueCrawler (www.issuecrawler.net)	use of qualitative video analysis software
LAM/SALT	Using EEG recording to get power values in electrodes
Leximencer text analysis	wafe-form analysis software
Linguistic data software from CHILDES and SIL	Write own PERL programs (notably modelling) for demographic analysis

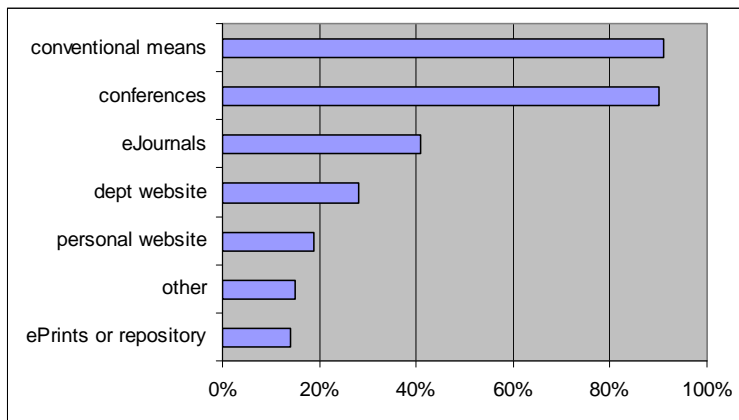
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## Types of e-resources



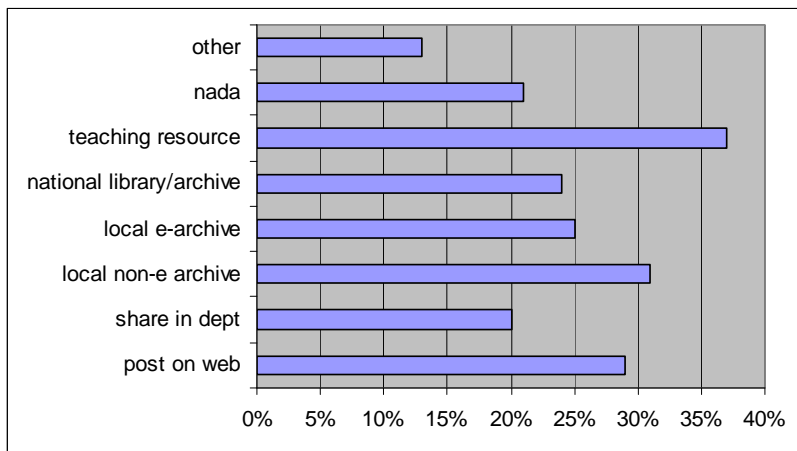
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## Getting it out there



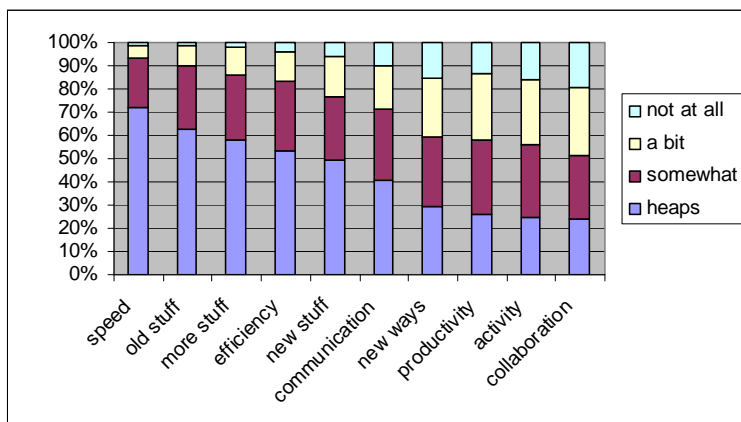
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## The fate of the digitalia



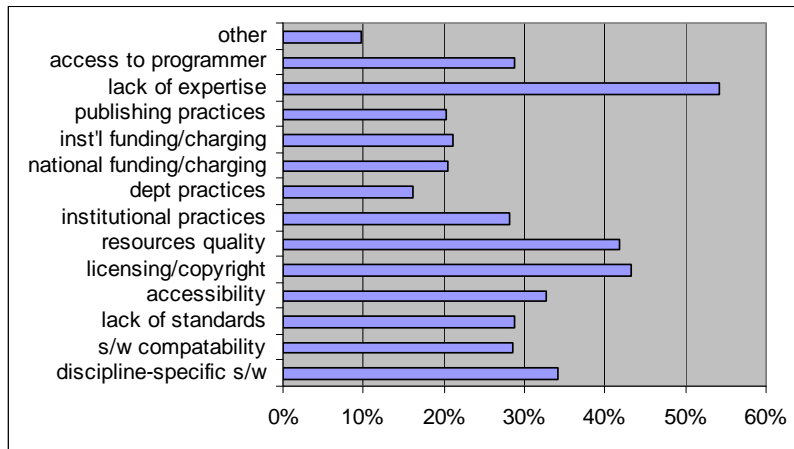
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## Impacts of ICT on research



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## We are experiencing technical difficulties...



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## *Humanities Technologies Online Survey link*

- <http://www.humanities.org.au/survey>

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