

END MATTER

References

Australian Bureau of Statistics (ABS) (2006) Australian and New Zealand Standard Industrial Classification (ANZSIC), Australian Bureau of Statistics.

- (2016a) *Australian Statistical Geography Standard (ASGS): Volume 1 – Main structure and Greater Capital City Statistical Areas*, July 2016, Cat. 1270.0.55.001, ABS, Canberra.
- (2016b) *Census of Population and Housing: Census Dictionary*, 2016, Cat. 2901.0, ABS, Canberra.
- (2017a) *Census of Population and Housing: Understanding the census and census data, Australia*, 2016, Cat. 2900.0, ABS, Canberra.
- (2017b) *Census of Population and Housing: Mesh Block Counts, Australia*, 2016, ABS Cat. 2074.0, 2016, Released 4 July 2017, [<https://www.abs.gov.au/ausstats/abs@.nsf/mf/2074.0>]
- (2021) How ANZSCO works | Australian Bureau of Statistics (abs.gov.au), Released 21 June 2021

ABS (n.d.) What do you mean by “Estimated Resident Population (ERP)?”, accessed August 2021.

Australian Urban Observatory (AUO) (2021) Metadata, RMIT University, accessed August 2022.

Bailey M (2022), *Public transport patronage surges to post-pandemic high*, Ministerial media statement, <statements.qld.gov.au/statements/96002>, accessed 27 August 2022.

Barnes G (2001) *Population and Employment Density and Travel Behaviour in large U.S. cities*, Center for Transportation Studies, University of Minnesota, report number: MN/RC – 2001–24.

BITRE (Bureau of Infrastructure, Transport and Regional Economics) (2013a) *Population growth, jobs growth and commuting flows in South East Queensland*, Research Report 134, Canberra.

- (2013b) *Population growth, jobs growth and commuting flows- a comparison of Australia's four largest cities*, Research Report 142, Canberra.
- (2015) *Australia's commuting distance: cities and regions*, Information Sheet 73, BITRE, Canberra.
- (2021a) *National Cities Performance Framework*, www.bitre.gov.au/national-cities-performance-framework, September 2021 release.
- (2021b) *Yearbook 2021: Australian Infrastructure and Transport Statistics*, Statistical Report, BITRE, Canberra ACT.

Buckle C, Gurrán N, Harris P, Phibbs P, Shrivastava R and Lea T (2020) What did COVID do to rental markets? Rents fell as owners switched from Airbnb?, the Conversation.

Davern M, Farra A, Kenda D and Giles-Coritt B (2017) *Quality green spaces supporting health, wellbeing and biodiversity: A literature review* Adelaide, South Australia: Heart Foundation of Australia.

Davern M, Gunn L, Whitzman C, Higgs C, Giles-Corti B, Simons K, Villanueva K, Mavoa S, Roberts R and Badland H (2017) 'Using spatial measures to test a conceptual model of social infrastructure that supports health and wellbeing', *Cities & Health*, 1(2):194–209.

Delbosc A, Currie G, Nicholls L and Maller C (2015) 'The impact of a new bus route on a new suburban development in Melbourne', *Australasian Transport Research Forum*, 30 September – 2 October 2015, Sydney.

Florida R (2002) *The rise of the creative class: and how it's transforming work, leisure, community and everyday life*. New York: Basic Books.

- (2003) 'Cities and the creative class', *City & Community*, 2(1): 3–19.

Frey C B and Osborne M (2013) 'The Future of Employment: How Susceptible Are Jobs to Computerisation', Oxford, UK: University of Oxford.

Google Mobility Report (2022) COVID-19 Community Mobility Report, < COVID-19 Community Mobility Reports (google.com)>, accessed 8 June 2022.

Gunn L D, Mavoa S, Boulangé C, Hooper P, Kavanagh and Giles-Corti B (2017) 'Designing healthy communities: creating evidence on metrics for built environment features associated with walkable neighbourhood activity centres', *International Journal of Behavioral Nutrition and Physical Activity*, 14(1):1–12.

Hu, R. (2014) 'Migrant knowledge workers: An empirical study of global Sydney as a knowledge city', *Expert Systems with Applications*, 41(12), 5605–5613.

– – (2016) 'Concentration and mobility of knowledge workers: An intercity analysis of Sydney, Melbourne, and Brisbane', *Journal of Urban Technology*, 23(1), 1–18.

iMOVE (2022) *The future of Australian cities/regions in a post-pandemic world*, <imoveaustralia.com/project/future-of-australian-cities-regions-in-a-post-pandemic-world/>, accessed 8 September 2022.

Kroen A, Goodman R, Gunn L and Pemberton S (2021) *Co-ordinated and sequenced growth area development: Transport options in new suburbs Policy Brief*, RMIT Centre for Urban Research, accessed 27 July 2022.

Kulish M, Richards A and Gillitzer C (2011) *Urban structure and housing prices: some evidence from Australian cities*, Reserve Bank of Australia Research Discussion Paper 2011–03, www.rba.gov.au, accessed 27 July 2022.

Machlup F (2014) 'Knowledge industries and knowledge occupations, Psacharopoulos, G., ed. *Economics of Education: Research and Studies*. Oxford, UK: Pergamon Press 14–20.

Mellander C (2009) 'Creative and knowledge industries: an occupational distribution approach', *Economic Development Quarterly*, 23(4):294–305.

Moreton Bay Regional Council (2013) Caboolture West – Structure Plan Summary (moretonbay.qld.gov.au), accessed 20 November, 2021.

Moreton Bay Regional Council (2021) Planning Scheme Amendments, accessed 20 November, 2021.

Morton A (2014) *Population-Weighted Density, Density-Weighted Population, Granularity, Paradoxes: a Recapitulation*, University of Melbourne.

National Skills Commission (2022a) *Employment Outlook (five years to November 2026)*, accessed 20 March 2022.

National Skills Commission (2022b) *Labour Market Update: June 2022 quarter*, <www.nationalskillscommission.gov.au>, accessed 5 September 2022.

National Skills Commission (2021) Employment projections, accessed February 2022.

Productivity Commission (2015) *Housing decisions of older Australians*, *Productivity Commission Research Paper*, <www.pc.gov.au>, accessed 4 September 2022.

Productivity Commission (2021) *Working from home. Research paper*, <Working from home – Research Paper (pc.gov.au)> accessed 04 February 2022.

Queensland Government (2016) *Regional employment projections (2010–11 to 2040–41)*, www.qgso.qld.gov.au/issues/2901/regional-employment-projections-methodology-assumptions-2010-11-2040-41.pdf, accessed 26 August 2022.

– – (2017) Department of Infrastructure, Local Government and Planning, *The South East Queensland Regional Plan 2017, ShapingSEQ*, accessed 20 July 2021.

- (2018a) Queensland Government's Cities Transformation Taskforce (CTT), [South East Queensland Economic Foundations Paper](#), accessed 20 July 2021.
- (2018b) Queensland Government Population Projections, 2018 edition, [Population projections: Overview | Queensland Government Statistician's Office \(qgso.qld.gov.au\)](#), accessed 21 September 2022.
- (2019) Queensland Treasury, [Household and dwelling projections](#), accessed 14 September 2022.
- (2020a) Jobs Queensland, [Anticipating Future Skills Series, and Pre-COVID-19 projected employment in Queensland, 2019 – 2024](#), accessed February 2022.
- (2020b) Queensland Health, [Home Confinement, Movement and Gathering Direction 1 – 2 April 2020 \(superseded\)](#), accessed 27 July 2022.
- (2020c) Queensland Treasury, [DNRME Digital Cadastral Database \(DCDB\): Local government authority planning schemes](#), accessed 17 November 2021.
- (2020d) Queensland Treasury, [Residential land supply and development, QGSO Broadhectare Study](#), accessed 16 November 2021.
- (2021a) Jobs Queensland [Projected employment in Queensland between 2020–21 and 2024–25](#), accessed 16 April 2022.
- (2021b) [Land supply and growth challenges in South East Queensland](#), The Growth Areas Team, accessed 16 November 2021.
- (2022) Department of Transport and Main Roads, [Public transport patronage and go card usage](#), accessed 12 July 2022.

Raphael A (2022) 'At least 15 builders have already gone bust, and more could collapse', [www.news.com.au](#), accessed 4 September 2022.

Scenic Rim Regional Council (2022) [Our Community](#), accessed August 2022.

SGS Economics and Planning (2021) [Rental Affordability Index](#), accessed 4 November 2021.

Storen R and Corrigan N (2020) [COVID-19: a chronology of state and territory government announcements \(up until 30 June 2020\)](#), Parliamentary Library Research Paper, accessed 27 July 2020.

TomTom (2022) [Brisbane traffic report](#), electronic dataset, accessed 3 May 2022.

Tonts M (2005) 'Competitive sport and social capital in rural Australia', *Journal of Rural Studies*, 21(2):137–149.

Tuli S C and Hu R (2018) 'Knowledge economy and migrant knowledge workers in the global city: a case study of Melbourne, Australia', *Australian Planner*, 55 (2): 126–144.

Tuli S C, Hu R and Dare L (2019) 'Planning a global knowledge city: experience from Melbourne, Australia', *International Journal of Knowledge-Based Development*, 10(1):26–42.

Victorian Auditor General (2013) [Developing transport infrastructure and services for population growth areas](#), accessed 27 July 2022.

Vij A, Barrie H, Anilan V, Onur I, Souza F, Goodwin-Smith I, Beer A (2021) [Encouraging the continuation of work-from-home practices in a post-pandemic world](#), University of South Australia.

List of abbreviations and acronyms

Abbreviation	Meaning
ABS	Australian Bureau of Statistics
ANZSIC	Australian and New Zealand Standard Industrial Classification
ANZSCO	Australian and New Zealand Standard Classification of Occupations
AQF	Australian Qualifications Framework
ASGS	Australian Statistical Geography Standard
AUO	Australian Urban Observatory
BCARR	Bureau of Communications, Arts and Regional Research
BITRE	Bureau of Infrastructure and Transport Research Economics
Cat.	Catalogue number of source citation
CBD	Central Business District
CTT	Cities Transformation Taskforce
DZ	Destination zones
e.g.	For example
ERP	Estimated Residential Population
et al.	Et alia. Used to cite sources with more than 3 authors
etc.	Et cetera. Used at the end of a list to indicate that similar items are included
G-NAF	Geocoded National Address File
HILDA	Household, Income and Labour Dynamics in Australia
ibid.	In the same place – used to indicate reference is from same source as previous reference
ICT	Information and Communications Technology
km²	Square kilometre
KTP	Knowledge and Technology Precinct
LFS	Labour Force Survey
LGA	Local Government Area
m²	Square metre
N/A	Not applicable
NCPF	National Cities Performance Framework
nec	Not elsewhere classified
nfd	No further details
NPD1	Neighbourhood Development Plan 1
NSC	National Skills Commission
NZQF	New Zealand Qualifications Framework
PDA	Priority Development Area
POR	Place of usual residence
POS	Public open space
POW	Place of work
PWD	Population-weighted density

Abbreviation	Meaning
RAI	Rental Affordability Index
REC	Regional Economic Cluster
RPC	Regional Planning Committee
SA1	Statistical Area Level 1
SA2	Statistical Area Level 2
SA4	Statistical Area Level 4
SEQ	South East Queensland
SIP	State Infrastructure Plan
SOI	Statement of Intent
SOS	Section of State

Appendix A

Appendix A provides the complete list of industries that are included under the definition of knowledge intensive industries developed based on the Australian and New Zealand Standard Industrial Classification (ANZSIC) (ABS 2006). The report uses a group of knowledge industries comprising 126 sub-industries (see Table A.1) from eight broad industries.

Table A.1: List of Knowledge Intensive Industries from the Australian and New Zealand Standard Industrial Classification (ANZSIC)

Knowledge intensive industries list
Professional, Scientific and Technical Services
Accounting Services
Advertising Services
Architectural Services
Architectural, Engineering and Technical Services, nfd
Computer System Design and Related Services
Corporate Head Office Management Services
Engineering Design and Engineering Consulting Services
Legal Services
Legal and Accounting Services, nfd
Management Advice and Related Consulting Services
Management and Related Consulting Services, nfd
Market Research and Statistical Services
Other Professional, Scientific and Technical Services nec
Other Professional, Scientific and Technical Services, nfd
Other Specialised Design Services
Professional Photographic Services
Professional, Scientific and Technical Services (except Computer System Design and Related Services), nfd
Professional, Scientific and Technical Services, nfd
Scientific Research Services
Scientific Testing and Analysis Services
Surveying and Mapping Services
Veterinary Services
Information Media and Telecommunications
Book Publishing
Broadcasting (except Internet), nfd
Cable and Other Subscription Broadcasting
Data Processing and Web Hosting Services
Data Processing, Web Hosting and Electronic Information Storage Services, nfd
Directory and Mailing List Publishing
Electronic Information Storage Services

Knowledge intensive industries list

Free-to-Air Television Broadcasting

Information Media and Telecommunications, nfd

Internet Publishing and Broadcasting

Internet Service Providers and Web Search Portals

Internet Service Providers, Web Search Portals and Data Processing Services, nfd

Libraries and Archives

Library and Other Information Services, nfd

Magazine and Other Periodical Publishing

Motion Picture and Sound Recording Activities, nfd

Motion Picture and Video Activities, nfd

Motion Picture and Video Distribution

Motion Picture and Video Production

Motion Picture Exhibition

Music and Other Sound Recording Activities

Music Publishing

Newspaper Publishing

Newspaper, Periodical, Book and Directory Publishing, nfd

Other Information Services

Other Publishing (except Software, Music and Internet)

Other Telecommunications Network Operation

Other Telecommunications Services

Post-production Services and Other Motion Picture and Video Activities

Publishing (except Internet and Music Publishing), nfd

Radio Broadcasting

Software Publishing

Sound Recording and Music Publishing, nfd

Telecommunications Services, nfd

Television Broadcasting, nfd

Wired Telecommunications Network Operation

Financial and Insurance Services

Auxiliary Finance and Insurance Services, nfd

Auxiliary Finance and Investment Services, nfd

Auxiliary Insurance Services

Banking

Building Society Operation

Central Banking

Credit Union Operation

Depository Financial Intermediation, nfd

Finance, nfd

Knowledge intensive industries list

Financial and Insurance Services, nfd

Financial Asset Broking Services

Financial Asset Investing

General Insurance

Health and General Insurance, nfd

Health Insurance

Insurance and Superannuation Funds, nfd

Life Insurance

Non-Depository Financing

Other Auxiliary Finance and Investment Services

Other Depository Financial Intermediation

Superannuation Funds

Education and Training

Higher Education

Technical and Vocational Education and Training

Tertiary Education, nfd

Public Administration and Safety

Central Government Administration

Defence

Domestic Government Representation

Foreign Government Representation

Government Representation, nfd

Justice

Local Government Administration

Public Administration and Safety, nfd

Public Administration, nfd

Public Order, Safety and Regulatory Services, nfd

State Government Administration

Health Care and Social Assistance

Allied Health Services, nfd

Ambulance Services

Chiropractic and Osteopathic Services

Dental Services

General Practice Medical Services

Health Care and Social Assistance, nfd

Medical and Other Health Care Services, nfd

Medical Services, nfd

Optometry and Optical Dispensing

Other Allied Health Services

Knowledge intensive industries list

Other Health Care Services nec

Other Health Care Services, nfd

Pathology and Diagnostic Imaging Services

Physiotherapy Services

Specialist Medical Services

Manufacturing

Aircraft Manufacturing and Repair Services

Communication Equipment Manufacturing

Computer and Electronic Equipment Manufacturing, nfd

Computer and Electronic Office Equipment Manufacturing

Electric Cable and Wire Manufacturing

Electric Lighting Equipment Manufacturing

Electrical Equipment Manufacturing, nfd

Medical and Surgical Equipment Manufacturing

Other Electrical Equipment Manufacturing

Other Electronic Equipment Manufacturing

Other Professional and Scientific Equipment Manufacturing

Photographic, Optical and Ophthalmic Equipment Manufacturing

Professional and Scientific Equipment Manufacturing, nfd

Arts and Recreation Services

Creative Artists, Musicians, Writers and Performers

Creative and Performing Arts Activities, nfd

Museum Operation

Performing Arts Operation

Performing Arts Venue Operation

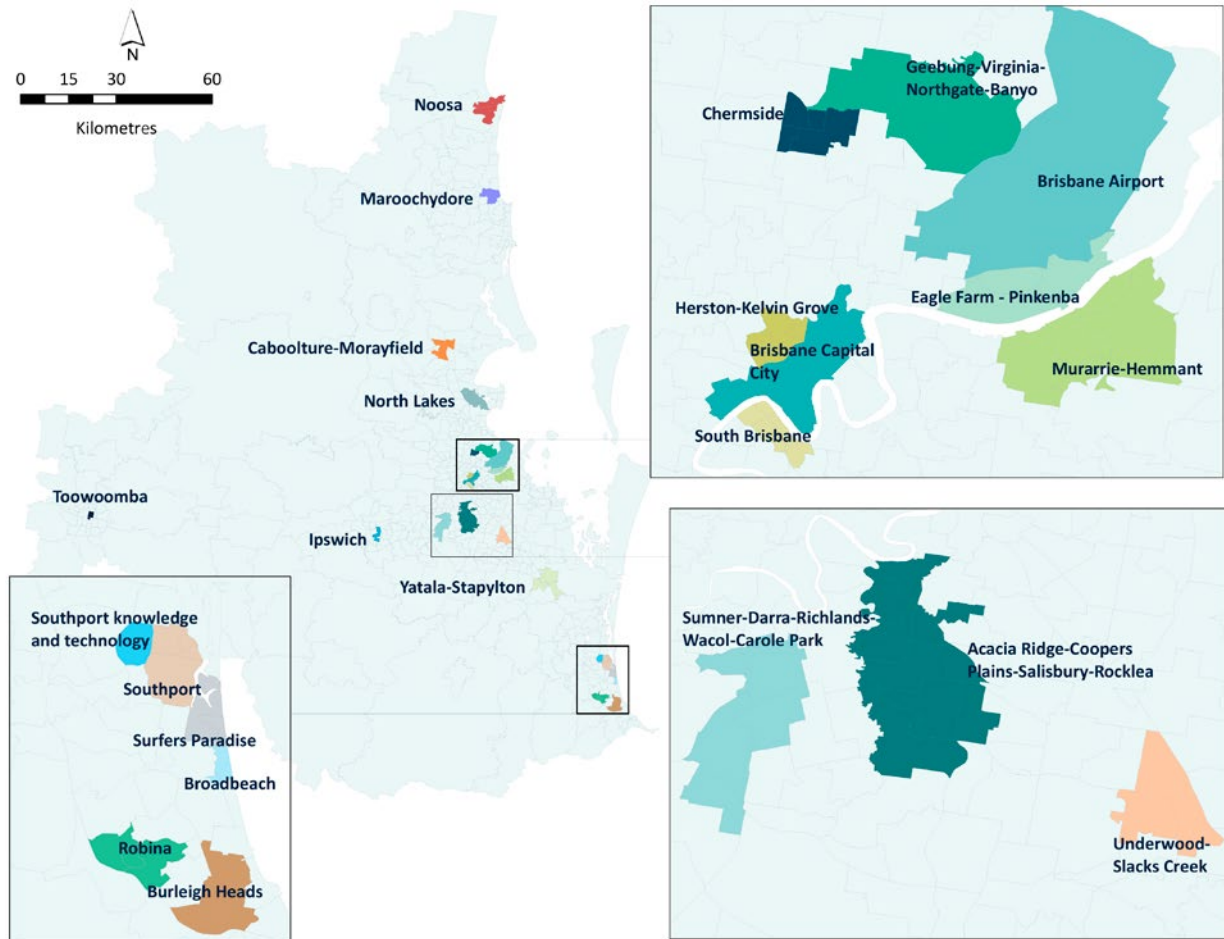
Note: The above listing is based on 4 digit industry classification as applied in the 2016 ABS Census of Population and Housing.

Source: ABS (2006), Tuli and Hu (2019)

Appendix B

Appendix B identifies 24 major employment precincts in SEQ in 2016 by place of work. Appendix B, Figure B.1 maps the 24 major employment precincts as shown below.

Figure B.1: 24 major employment precincts in SEQ as of 2016



Source: BCARR analysis of ABS Census of Population and Housing, 2016 place of work data for destination zones (extracted from Tablebuilder Pro) and key employment precincts identified in SEQ Regional Plan 2017.

Appendix C

Table C.1: List of 4 digit occupations under Managers major group from the Australian and New Zealand Standard Classification of Occupations (ANZSCO)

Managers unit groups
Chief Executives and Managing Directors
General Managers
Legislators
Aquaculture Farmers
Crop Farmers
Livestock Farmers
Mixed Crop and Livestock Farmers
Advertising, Public Relations and Sales Managers
Corporate Services Managers
Finance Managers
Human Resource Managers
Policy and Planning Managers
Research and Development Managers
Construction Managers
Engineering Managers
Importers, Exporters and Wholesalers
Manufacturers
Production Managers
Supply, Distribution and Procurement Managers
Child Care Centre Managers
Health and Welfare Services Managers
School Principals
Other Education Managers
ICT Managers
Commissioned Officers (Management)
Senior Non-commissioned Defence Force Members
Other Specialist Managers
Cafe and Restaurant Managers
Caravan Park and Camping Ground Managers
Hotel and Motel Managers
Licensed Club Managers
Other Accommodation and Hospitality Managers
Retail Managers
Amusement, Fitness and Sports Centre Managers
Call or Contact Centre and Customer Service Managers
Conference and Event Organisers
Transport Services Managers
Other Hospitality, Retail and Service Managers

Source: ABS ANZSCO 2013.

Table C.2: List of 4 digit occupations under Professionals major group from the Australian and New Zealand Standard Classification of Occupations (ANZSCO)

Professionals unit groups
Actors, Dancers and Other Entertainers
Music Professionals
Photographers
Visual Arts and Crafts Professionals
Artistic Directors, and Media Producers and Presenters
Authors, and Book and Script Editors
Film, Television, Radio and Stage Directors
Journalists and Other Writers
Accountants
Auditors, Company Secretaries and Corporate Treasurers
Financial Brokers
Financial Dealers
Financial Investment Advisers and Managers
Human Resource Professionals
ICT Trainers
Training and Development Professionals
Actuaries, Mathematicians and Statisticians
Archivists, Curators and Records Managers
Economists
Intelligence and Policy Analysts
Land Economists and Valuers
Librarians
Management and Organisation Analysts
Other Information and Organisation Professionals
Advertising and Marketing Professionals
ICT Sales Professionals
Public Relations Professionals
Technical Sales Representatives
Air Transport Professionals
Marine Transport Professionals
Architects and Landscape Architects
Surveyors and Spatial Scientists
Fashion, Industrial and Jewellery Designers
Graphic and Web Designers, and Illustrators
Interior Designers
Urban and Regional Planners
Chemical and Materials Engineers

Professionals unit groups

Civil Engineering Professionals

Electrical Engineers

Electronics Engineers

Industrial, Mechanical and Production Engineers

Mining Engineers

Other Engineering Professionals

Agricultural and Forestry Scientists

Chemists, and Food and Wine Scientists

Environmental Scientists

Geologists, Geophysicists and Hydrogeologists

Life Scientists

Medical Laboratory Scientists

Veterinarians

Other Natural and Physical Science Professionals

Early Childhood (Pre-primary School) Teachers

Primary School Teachers

Middle School Teachers (Aus) / Intermediate School Teachers (NZ)

Secondary School Teachers

Special Education Teachers

University Lecturers and Tutors

Vocational Education Teachers (Aus) / Polytechnic Teachers (NZ)

Education Advisers and Reviewers

Private Tutors and Teachers

Teachers of English to Speakers of Other Languages

Nutrition Professionals

Medical Imaging Professionals

Occupational and Environmental Health Professionals

Optometrists and Orthoptists

Pharmacists

Other Health Diagnostic and Promotion Professionals

Chiropractors and Osteopaths

Complementary Health Therapists

Dental Practitioners

Occupational Therapists

Physiotherapists

Podiatrists

Audiologists and Speech Pathologists \ Therapists

General Practitioners and Resident Medical Officers

Anaesthetists

Professionals unit groups

Specialist Physicians

Psychiatrists

Surgeons

Other Medical Practitioners

Midwives

Nurse Educators and Researchers

Nurse Managers

Registered Nurses

ICT Business and Systems Analysts

Multimedia Specialists and Web Developers

Software and Applications Programmers

Database and Systems Administrators, and ICT Security Specialists

Computer Network Professionals

ICT Support and Test Engineers

Telecommunications Engineering Professionals

Barristers

Judicial and Other Legal Professionals

Solicitors

Counsellors

Ministers of Religion

Psychologists

Social Professionals

Social Workers

Welfare, Recreation and Community Arts Workers

Source: ABS ANZSCO 2013.

INFRASTRUCTURE.GOV.AU

