

Resource title	Tenure of Australia's forests (2023) dataset
Citation	Australian Bureau of Agricultural and Resource Economics and Sciences, <i>Tenure of Australia's forests (2023)</i> , Australian Bureau of Agricultural and Resource Economics and Sciences, Canberra, December. CC BY 4.0
Digital object identifier (DOI)	https://doi.org/10.25814/rb7t-hv26
Custodian	Australian Government Department of Agriculture, Fisheries and Forestry – Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES)
Jurisdiction	Australia
Contact organisation	ABARES
Address	GPO Box 858 Canberra ACT Australia 2601
Email	info.ABARES@aff.gov.au
Abstract	<p><i>Tenure of Australia's forests (2023)</i> is a continental spatial dataset of national land tenure types, assembled for the <i>Australia's State of the Forests Report – 2023 update</i>. It was developed from land tenure information from multiple sources, including contributions from Australian, state and territory government agencies and external sources. The tenure dataset is then combined with forest cover information sourced from the Forests of Australia (2023) dataset.</p> <p>The dataset was compiled by the Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES) for the National Forest Inventory (NFI), a collaborative partnership between the Australian and state and territory governments. The role of the NFI is to collate, integrate and communicate information on Australia's forests. The NFI applies a national classification to state and territory data to allow seamless integration of these datasets. Multiple independent sources of external data are used to fill data gaps and improve the quality of the final dataset.</p> <p>The NFI classifies land tenure into six national tenure classes suitable for application to forest: Leasehold forest, Multiple-use public forest, Nature conservation reserve, Other Crown land, Private forest and Unresolved tenure.</p> <p>The <i>Tenure of Australia's forests (2023)</i> dataset is produced to fulfil requirements of Australia's <i>National Forest Policy Statement</i> and the <i>Regional Forests Agreement Act 2002</i> (Cwth), and is used by the Australian Government for domestic and international reporting.</p> <p>Previous versions of this dataset are available on the Forests Australia website spatial data page and the Australian Government open government data portal data.gov.au.</p>
Purpose	For describing Australia's forest extent by tenure, as reported in the <i>Australia's State of the Forests Report – 2023 update</i> .
ANZLIC search words	FORESTS

	<p>FORESTS Natural FORESTS Plantation AGRICULTURE LAND Ownership VEGETATION VEGETATION Floristic VEGETATION Structural</p>
Keyword(s)	<p>Tenure Land tenure Forest Forest tenure Ownership Forest ownership Conservation reserve Multiple use forest Private forest State forest National park Australia</p>
Sources used to generate this resource	<p>Jacobsen et al. (2019) describes the process for assembling and reporting the tenure of Australia's forests. This method recognises state and territory land title registers as the formal legal sources of tenure information, specifies the sourcing of data from the most accurate spatial representations of these land registers, and provides transparent translation of the range of jurisdictional tenure classes into the six national tenure classes.</p> <p>For each jurisdiction the input datasets were layered (ordered) based on the overall evaluation of accuracy/fitness for reporting tenure of forest land. Where data coverage was incomplete, gaps were filled first using the PSMA Land Tenure dataset, then using land tenure data from the NFI <i>Tenure of Australia's forests (2018)</i> dataset. The dataset layering priority, from highest to lowest:</p> <ol style="list-style-type: none"> 1. State and territory land tenure data 2. PSMA Land Tenure data 3. NFI <i>Tenure of Australia's forests (2018)</i> <p>Table 1 (Appendix 1) lists the sources of information used to develop the <i>Tenure of Australia's forests (2023)</i> dataset.</p> <p>The output national tenure dataset was then combined (intersected) with the forest cover information identified by the Multiple Lines of Evidence (MLE) approach used to develop the <i>Forests of Australia (2023)</i> dataset. This enabled the forest cover status of tenure areas to be identified.</p>
Publication date	15 December 2023
Latest date of information/currency	2022

Data file name	Aus_ForTen23
Stored data format	GIS files created using Esri software: Esri Grid (raster) and Layer file formats – zipped GeoTIFF – zipped Table 2 (Appendix 1) provides details of the layer symbology
Compressed file size	64 MB (Esri Grid) 67 MB (GeoTIFF)
Geographic extent	Australia excluding external territories North bounding Latitude: -8.2° South bounding Latitude: -44.4° East bounding Longitude: 157.2° West bounding Longitude: 109.5°
Spatial resolution/ cell size	1 hectare/100 x 100 metre
Spatial reference	ESPG:3577 GDA94 Australian Albers Coordinate system: GDA_1994_Albers False Easting: 0 False Northing: 0 Central meridian: 132° Standard parallels: -18°, -36° Latitude of origin: 0° Datum: D_GDA_1994
Positional accuracy	Horizontal: ±100 metres Vertical: not applicable
Attribute accuracy	Attributes are compiled exercising due care and skill. However, accuracy of attributes is in part dependent on accuracy of data supplied to ABARES and therefore cannot be guaranteed.
Completeness	Coverage: Dataset provides coverage of 100% of Australia excluding external territories. Attributes: Tenure information for areas with forest cover is present for over 99.8% of Australia.
Update frequency	5 years
Licencing	Creative Commons by Attribution 4.0 International (CC BY 4.0)
Access constraints	No restriction, nil cost.
Use constraints	CC BY 4.0 permits: Share – users may copy and redistribute the material in any medium or format. Adapt – users may remix, transform, and build upon the material for any purpose, even commercially. Attribution – users must give appropriate credit using the citation listed, provide a link to the licence, and indicate if changes were made. Users may do so in any reasonable manner, but not in any way that suggests the licensor endorses the use.

Security constraints	Classification: Unclassified
Legal constraints	The Australian Government acting through the Department of Agriculture Fisheries and Forestry, represented by the Australian Bureau of Agricultural and Resource Economics and Sciences, has exercised due care and skill in preparing and compiling the information and data in this publication. Notwithstanding, the Department of Agriculture, Fisheries and Forestry, ABARES, its employees and advisers disclaim all liability, including liability for negligence and for any loss, damage, injury, expense or cost incurred by any person as a result of accessing, using or relying on any of the information or data in this publication to the maximum extent permitted by law.
Metadata date	30 November 2023
Additional metadata	Documentation on attribute data descriptions and lookup tables for the <i>Tenure of Australia's forests (2023)</i> dataset, are available from the Tenure of Australia's forests (2023) spatial data webpage.

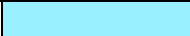





Appendix 1

Table 1: List of input datasets used to develop the *Tenure of Australia's forests (2023)*.

Jurisdiction	Dataset	Data custodian	Dataset date
Australian Capital Territory	Territory Plan Overlay Zones	ACT Office of the Surveyor-General and Land Information	May 2021
	Multiple Use Forests	ACT Government	2008
New South Wales	National Parks and Wildlife Reserves Digital Cadastre Database	NSW Department of Finance, Services and Innovation – Spatial Services	June 2021
	State Forests Digital Cadastre Database	NSW Department of Finance, Services and Innovation – Spatial Services	June 2021
	Lot Digital Cadastral Database	NSW Department of Finance, Services and Innovation – Spatial Services	May 2021
	Crown Reserve Tenure	NSW Department of Planning and Environment	2021
Northern Territory	Digital Cadastral Database of the Northern Territory	NT Department of Infrastructure, Planning and Logistics	December 2021
	Parks and reserves	NT Department of Environment, Parks and Water Security	April 2022
Queensland	Digital Cadastral Database	Queensland Department of Resources	April 2021
	Stock routes – Queensland	Queensland Department of Resources	June 2021
South Australia	Parcel Cadastre	SA Department for Infrastructure and Transport	May 2021
	Conservation Reserve Parcels	SA Department for Environment and Water	June 2021
Tasmania	LIST Land Tenure	Department of Natural Resources and Environment Tasmania	July 2021
	LIST Crown Leases	Department of Natural Resources and Environment Tasmania	July 2021
	LIST Authority Land	Department of Natural Resources and Environment Tasmania	July 2021
Victoria	Public Land Management (PLM25)	Victoria Department of Energy, Environment and Climate Action	July 2021

Jurisdiction	Dataset	Data custodian	Dataset date
	Vicmap Crown Land Tenure	Victoria Department of Energy, Environment and Climate Action	May 2021
	Victorian Land Use Information System	Victoria Department of Jobs, Precincts and Regions	May 2021
	Vicmap Property – Parcel Map Polygons	Victoria Department of Energy, Environment and Climate Action	February 2020
Western Australia	DBCA - Lands of Interest (DBCA-012)	WA Department of Biodiversity, Conservation and Attractions	April 2021
	DBCA - Legislated Lands and Waters (DBCA-011)	WA Department of Biodiversity, Conservation and Attractions	April 2021
	Client Property Event System - Properties (DPIRD-018)	WA Department of Primary Industries and Regional Development	April 2021
National	CadLite and Land Tenure	PSMA Australia	August 2019
National	Tenure of Australia's forests (2018)	ABARES for the National Forest Inventory	June 2016

Table 2: Layer symbology for the *Tenure of Australia's forests (2023)*.

National tenure class (Field: FOR_TEN)	RGB value			Hex value	Colour
	R	G	B		
Leasehold forest (LEASE)	153	240	255	#99f0ff	
Multiple-use public forest (MUF)	128	191	30	#80bf1e	
Unresolved tenure (NR)	199	199	199	#c7c7c7	
Other Crown land (OCL)	255	230	0	#ffe600	
Private forest (PRIV)	153	50	175	#9932af	
Nature conservation reserve (NCR)	40	90	0	#285a00	

References

Jacobsen R, Mutendeudzi M, Howell CI, Read SM 2019, *Development of a national tenure dataset for reporting the tenure of Australia's forests*, ABARES technical report, Canberra, August. CC BY 4.0. <https://doi.org/10.25814/5d5e34e2d3dcc>