

Attribute lookup tables (LUT) for the *Australia's Indigenous land and forest estate (2020)* dataset

Field	Field type	Description
VALUE	Integer	Unique identifier for each unique combination of attribute field values.
COUNT	Integer	The number of cells that occur for a particular VALUE. For this dataset the cell size is 100 by 100 metres. The COUNT value is equivalent to the area in hectares.
STATE	String (Text)	State or territory in which the cell occurs.
IND_OWN	Integer	A binary code that describes whether the cell is or is not in the extent that is Indigenous owned.
IND_MNG	Integer	A binary code that describes whether the cell is or is not in the extent that is Indigenous managed.
IND_COMNG	Integer	A binary code that describes whether the cell is or is not in the extent that is Indigenous co-managed.
IND_OSR	Integer	A binary code that describes whether the cell is or is not in the extent that is subject to other special rights for Indigenous peoples and communities.
IND_ESTATE	Integer	A binary code that describes whether the cell is or is not in the extent that forms the total Indigenous estate. This field is the aggregate of the IND_OWN, IND_MNG, IND_COMNG and IND_OSR fields.
OVERLAP	Integer	A binary code that describes whether the cell includes overlapping attributes within the total Indigenous estate. That is, two or more of the fields for the four Indigenous attributes (IND_OWN, IND_MNG, IND_COMNG, IND_OSR).
IND_DESC	String (Text)	Text description of the Indigenous estate attributes that apply to the cell. The IND_DESC.LUT below describes each Indigenous estate attribute.
FOR_CODE	Integer	A code linking to an NFI forest type (FOR_TYPE) and forest formation derived from the broad forest type, and forest structure (height and crown cover class). The FOR_CODE.LUT below documents each code.
FOR_CAT	String (Text)	NFI forest category name.
FOR_TYPE	String (Text)	NFI forest type name. Forest types are documented in the FOR_CODE.LUT below.
IND_F_DESC	String (Text)	Indigenous estate land category combined (intersected) with the forest cover extent from the NFI <i>Forests of Australia (2018)</i> ¹ dataset. The IND_DESC.LUT below describes each Indigenous estate attribute. Shows the extent which is forest land only – blank values are non-forest land.

¹ agriculture.gov.au/abares/forestsaustralia/forest-data-maps-and-tools/spatial-data/forest-cover

SYM_IE	String (Text)	Combination of the IND_ESTATE and FOR_CODE fields to fulfil a symbology layer that shows the land and forest that is in the entire Indigenous estate.
SYM_IO	String (Text)	Combination of the IND_OWN and FOR_CODE fields to fulfil a symbology layer that shows the land and forest that is Indigenous owned.
SYM_IMICM	String (Text)	Combination of the IND_MNG, IND_COMNG and FOR_CODE fields to fulfil a symbology layer that shows the land and forest that is Indigenous managed or Indigenous co-managed.
SYM_OSR	String (Text)	Combination of the IND_OSR and FOR_CODE fields to fulfil a symbology layer that shows the land and forest that is subject to other special rights for Indigenous peoples and communities.

The Indigenous estate land attributes are as follows (ABARES 2020; Jacobsen et al. 2020):

Indigenous owned: Freehold land or forest that is owned by Indigenous communities, or land and forest for which ownership is vested through other mechanisms.

Indigenous managed: Land or forest that is managed by Indigenous communities.

Indigenous co-managed: Land or forest that has formal, legally binding agreements in place to include input from Indigenous people in the process of developing and implementing a management plan.

Other special rights: Land or forest subject to native title determinations, registered Indigenous Land Use Agreements and legislated special cultural use provisions.

IND_DESC.LUT NFI Indigenous estate code and Indigenous estate land attribute combinations

Indigenous estate description (IND_DESC)
Indigenous owned and Indigenous managed (and not subject to other special rights)
Indigenous owned, Indigenous managed and subject to other special rights
Indigenous owned and Indigenous co-managed (and not subject to other special rights)
Indigenous owned, Indigenous co-managed and subject to other special rights
Indigenous managed (and not Indigenous owned or subject to other special rights)
Indigenous managed and subject to other special rights (and not Indigenous owned)
Indigenous co-managed (and not Indigenous owned or subject to other special rights)
Indigenous co-managed and subject to other special rights (and not Indigenous owned)
Subject to other special rights (and not Indigenous owned or Indigenous managed)

Note:

All Indigenous owned land is either Indigenous managed or Indigenous co-managed. There is no identified land that is Indigenous owned that does not have a form of Indigenous management or co management.

FOR_CODE.LUT Forest Code lookup table

Forest code (FOR_CODE)	NFI Forest type (FOR_TYPE)	NFI Forest category (FOR_CAT)	Forest Formation
0	Non forest	Non forest	Non forest
1	Acacia	Native forest	Acacia Low Woodland
2	Acacia	Native forest	Acacia Medium Woodland
3	Acacia	Native forest	Acacia Tall Woodland
4	Acacia	Native forest	Acacia Low Open
5	Acacia	Native forest	Acacia Medium Open
6	Acacia	Native forest	Acacia Tall Open
7	Acacia	Native forest	Acacia Low Closed
8	Acacia	Native forest	Acacia Medium Closed
9	Acacia	Native forest	Acacia Tall Closed
10	Other native forest	Native forest	Banksia Low Woodland
11	Other native forest	Native forest	Banksia Medium Woodland
12	Other native forest	Native forest	Banksia Low Open
13	Other native forest	Native forest	Banksia Medium Open
14	Other native forest	Native forest	Banksia Low Closed
15	Other native forest	Native forest	Banksia Medium Closed
16	Callitris	Native forest	Callitris Low Woodland
17	Callitris	Native forest	Callitris Medium Woodland
18	Callitris	Native forest	Callitris Tall Woodland
19	Callitris	Native forest	Callitris Low Open
20	Callitris	Native forest	Callitris Medium Open
21	Callitris	Native forest	Callitris Tall Open
22	Callitris	Native forest	Callitris Low Closed
23	Callitris	Native forest	Callitris Medium Closed
24	Callitris	Native forest	Callitris Tall Closed
25	Casuarina	Native forest	Casuarina Low Woodland
26	Casuarina	Native forest	Casuarina Low Open
27	Casuarina	Native forest	Casuarina Low Closed
28	Casuarina	Native forest	Casuarina Medium Woodland
29	Casuarina	Native forest	Casuarina Medium Open
30	Casuarina	Native forest	Casuarina Medium Closed
31	Casuarina	Native forest	Casuarina Tall Woodland
32	Casuarina	Native forest	Casuarina Tall Open
33	Casuarina	Native forest	Casuarina Tall Closed
34	Eucalypt Mallee Woodland	Native forest	Eucalypt Mallee Low Woodland
35	Eucalypt Mallee Woodland	Native forest	Eucalypt Mallee Medium Woodland
36	Eucalypt Mallee Woodland	Native forest	Eucalypt Mallee Tall Woodland
37	Eucalypt Mallee Open	Native forest	Eucalypt Mallee Low Open
38	Eucalypt Mallee Open	Native forest	Eucalypt Mallee Medium Open
39	Eucalypt Mallee Open	Native forest	Eucalypt Mallee Tall Open
40	Eucalypt Low Woodland	Native forest	Eucalypt Low Woodland
41	Eucalypt Medium Woodland	Native forest	Eucalypt Medium Woodland
42	Eucalypt Tall Woodland	Native forest	Eucalypt Tall Woodland
43	Eucalypt Low Open	Native forest	Eucalypt Low Open
44	Eucalypt Medium Open	Native forest	Eucalypt Medium Open
45	Eucalypt Tall Open	Native forest	Eucalypt Tall Open
46	Eucalypt Low Closed	Native forest	Eucalypt Low Closed
47	Eucalypt Medium Closed	Native forest	Eucalypt Medium Closed
48	Eucalypt Tall Closed	Native forest	Eucalypt Tall Closed
49	Other native forest	Native forest	Leptospermum Low Woodland

Australia's Indigenous land and forest estate (2020) attribute lookup tables

Forest code (FOR_CODE)	NFI Forest type (FOR_TYPE)	NFI Forest category (FOR_CAT)	Forest Formation
50	Other native forest	Native forest	Leptospermum Medium Woodland
51	Other native forest	Native forest	Leptospermum Tall Woodland
52	Other native forest	Native forest	Leptospermum Low Open
53	Other native forest	Native forest	Leptospermum Medium Open
54	Other native forest	Native forest	Leptospermum Tall Open
55	Other native forest	Native forest	Leptospermum Low Closed
56	Other native forest	Native forest	Leptospermum Medium Closed
57	Other native forest	Native forest	Leptospermum Tall Closed
58	Mangrove	Native forest	Mangrove Low Woodland
59	Mangrove	Native forest	Mangrove Low Open
60	Mangrove	Native forest	Mangrove Low Closed
61	Mangrove	Native forest	Mangrove Medium Woodland
62	Mangrove	Native forest	Mangrove Medium Open
63	Mangrove	Native forest	Mangrove Medium Closed
64	Melaleuca	Native forest	Melaleuca Low Woodland
65	Melaleuca	Native forest	Melaleuca Low Open
66	Melaleuca	Native forest	Melaleuca Low Closed
67	Melaleuca	Native forest	Melaleuca Medium Woodland
68	Melaleuca	Native forest	Melaleuca Medium Open
69	Melaleuca	Native forest	Melaleuca Medium Closed
70	Melaleuca	Native forest	Melaleuca Tall Woodland
71	Melaleuca	Native forest	Melaleuca Tall Open
72	Melaleuca	Native forest	Melaleuca Tall Closed
73	Other native forest	Native forest	Mixed Low Woodland
74	Other native forest	Native forest	Mixed Low Open
75	Other native forest	Native forest	Mixed Low Closed
76	Other native forest	Native forest	Mixed Medium Woodland
77	Other native forest	Native forest	Mixed Medium Open
78	Other native forest	Native forest	Mixed Medium Closed
79	Other native forest	Native forest	Mixed Tall Woodland
80	Other native forest	Native forest	Mixed Tall Open
81	Other native forest	Native forest	Mixed Tall Closed
82	Other native forest	Native forest	Other Low Woodland
83	Other native forest	Native forest	Other Low Open
84	Other native forest	Native forest	Other Low Closed
85	Other native forest	Native forest	Other Medium Woodland
86	Other native forest	Native forest	Other Medium Open
87	Other native forest	Native forest	Other Medium Closed
88	Other native forest	Native forest	Other Tall Woodland
89	Other native forest	Native forest	Other Tall Open
90	Other native forest	Native forest	Other Tall Closed
91	Hardwood plantation	Commercial plantation	Plantation Hardwood
92	Softwood plantation	Commercial plantation	Plantation Softwood
93	Mixed species plantation	Commercial plantation	Plantation Mixed
94	Unknown species plantation	Commercial plantation	Plantation Unknown
95	Rainforest	Native forest	Rainforest Low Open
96	Rainforest	Native forest	Rainforest Low Closed
97	Rainforest	Native forest	Rainforest Medium Open
98	Rainforest	Native forest	Rainforest Medium Closed
99	Rainforest	Native forest	Rainforest Tall Open

Forest code (FOR_CODE)	NFI Forest type (FOR_TYPE)	NFI Forest category (FOR_CAT)	Forest Formation
100	Rainforest	Native forest	Rainforest Tall Closed
101	Other native forest	Native forest	Unknown native forest
102	Other forest [#]	Other forest	Other forest [#]

[#]May include planted forests not deemed commercially viable and environmental plantings.

Further reading

ABARES 2020, [Australia's forests and forestry glossary](#), ABARES, Canberra, CC BY 4.0.

Jacobsen R, Howell C, Read SM 2020, [Australia's Indigenous land and forest estate: separate reporting of Indigenous ownership, management and other special rights](#), ABARES technical report, Canberra DOI: doi.org/10.25814/bqr0-4m20. CC BY 4.0.