**Attribute lookup tables (LUT) for the *Australia’s Indigenous land and forest estate (2024)* dataset**

Table 1 Dataset attributes (Value attribute table or VAT)

| **Field name** | **Field type** | **Description** |
| --- | --- | --- |
| VALUE | Numeric | Unique identifier for each unique combination of attribute field values. |
| COUNT | Numeric | 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 | Numeric | Binary code where 0 = not Indigenous owned; 1 = is Indigenous owned. |
| IND\_MNG | Numeric | Binary code where 0 = not Indigenous managed; 1 = is Indigenous managed. |
| IND\_COMNG | Numeric | Binary code where 0 = not Indigenous co-managed; 1 = is Indigenous co-managed. |
| IND\_OSR | Numeric | Binary code where 0 = not subject to other special rights; 1 = is subject to other special rights. |
| IND\_EST | Numeric | Binary code where 0 = not in the total Indigenous estate; 1 = is in the total Indigenous estate.  This field is the aggregate of the IND\_OWN, IND\_MNG, IND\_COMNG and IND\_OSR fields. |
| OVERLAP | Numeric | Binary code that describes whether the cell includes overlapping attributes within the total Indigenous estate, specifically where two or more of the fields for the four Indigenous attributes (IND\_OWN, IND\_MNG, IND\_COMNG, IND\_OSR). Code 0 = no overlap of Indigenous estate attributes; 1 = overlap of two or more Indigenous estate attributes. |
| IND\_DESC | String (Text) | Text description of the Indigenous estate attributes that apply to the cell. Table 2 describes each Indigenous estate attribute. |
| IND\_FDES | String (Text) | Indigenous estate land category combined (intersected) with the forest cover extent from the ABARES *Forests of Australia (2023)*[[1]](#footnote-1) dataset. Table 2 describes each Indigenous estate attribute. Shows the extent which is forest land only – blank/null values are non-forest land. |
| FOR\_CAT | String (Text) | NFI forest category name. See ABARES *Forests of Australia (2023)*1 for further information. |
| FOR\_TYPE | String (Text) | NFI forest type name. See ABARES *Forests of Australia (2023)*1 for further information. |
| SYM\_IO | String (Text) | Combination of the IND\_OWN and FOR\_CAT fields to fulfil a symbology layer that shows the land and forest that is Indigenous owned. |
| SYM\_IMCM | String (Text) | Combination of the IND\_MNG, IND\_COMNG and FOR\_CAT 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\_CAT fields to fulfil a symbology layer that shows the land and forest that is subject to other special rights for Indigenous peoples and communities. |
| SYM\_IE | String (Text) | Combination of the IND\_EST and FOR\_CAT fields to fulfil a symbology layer that shows the land and forest that is in the total Indigenous estate. |
| IND\_CODE | Numeric | Unique code that outlines all unique combinations of Indigenous estate categories (IND\_OWN, IND\_MNG, IND\_COMNG and IND\_OSR), and correlates with the text descriptions in IND\_DESC.  See Table 2 for further information. |

Table 2 Lookup table for attribute fields IND\_CODE and IND\_DESC

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **IND\_CODE value** | **Full Indigenous estate description (IND\_DESC)** | **Corresponding Indigenous estate attributes** | | | |
| **Indigenous owned** | **Indigenous managed** | **Indigenous co-managed** | **Other special rights** |
| 1 | **Indigenous owned, Indigenous managed and subject to other special rights** | Yes | Yes | — | Yes |
| 2 | **Indigenous owned and Indigenous managed** (but not subject to other special rights) | Yes | Yes | — | — |
| 3 | **Indigenous owned, Indigenous co-managed and subject to other special rights** | Yes | — | Yes | Yes |
| 4 | **Indigenous owned and Indigenous co-managed** (but not subject to other special rights) | Yes | — | Yes | — |
| 5 | **Indigenous managed and subject to other special rights** (but not Indigenous owned) | — | Yes | — | Yes |
| 6 | **Indigenous managed** (but not Indigenous owned and not subject to other special rights) | — | Yes | — | — |
| 7 | **Indigenous co-managed and subject to other special rights** (but not Indigenous owned) | — | — | Yes | Yes |
| 8 | **Indigenous co-managed** (but not Indigenous owned and not subject to other special rights) | — | — | Yes | — |
| 9 | **Subject to other special rights** (but not Indigenous owned and not Indigenous managed or Indigenous co-managed) | — | — | — | Yes |
| 0 | **Non-Indigenous** | — | — | — | — |
| 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. | | | | | | |

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

**Indigenous ownership**

* **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 management**

* **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.

**Subject to other special rights**

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

Table 3 Attribute symbology and colour values for the Indigenous forest estate layer (IND\_FDES) and Indigenous land estate layer (IND\_DESC)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Values for field IND\_FDES or field IND\_DES** | **RGB values** | | | **Hexadecimal value** | **Colour** |
| **R** | **G** | **B** |
| **Indigenous owned, Indigenous managed and subject to other special rights** | 255 | 85 | 0 | #FF5500 |  |
| **Indigenous owned and Indigenous managed**  (but not subject to other special rights) | 144 | 42 | 42 | #902A2A |  |
| **Indigenous owned, Indigenous co-managed and subject to other special rights** | 52 | 52 | 52 | #343434 |  |
| **Indigenous owned and Indigenous co-managed**  (but not subject to other special rights) | 102 | 119 | 205 | #6677CD |  |
| **Indigenous managed and subject to other special rights**  (but not Indigenous owned) | 132 | 0 | 168 | #8400A8 |  |
| **Indigenous managed** (but not Indigenous owned and not subject to other special rights) | 223 | 115 | 255 | #DF73FF |  |
| **Indigenous co-managed and subject to other special rights** (but not Indigenous owned) | 170 | 255 | 0 | #AAFF00 |  |
| **Indigenous co-managed** (but not Indigenous owned and not subject to other special rights) | 54 | 126 | 54 | #367E36 |  |
| **Subject to other special rights** (but not Indigenous owned and not Indigenous managed or Indigenous co-managed) | 255 | 187 | 51 | #FFBB33 |  |
| Land that is non-Indigenous | 255 | 255 | 255 | #FFFFFF |  |
| Forest that is non-Indigenous | 204 | 204 | 204 | #CCCCCC |  |

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.

Table 4 Attribute symbology and colour values for the area of land and forest that is Indigenous owned layer (SYM\_IO)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Values for field SYM\_IO** | **RGB values** | | | **Hexadecimal value** | **Colour** |
| **R** | **G** | **B** |
| Forest that is Indigenous owned | 127 | 0 | 0 | #7F0000 |  |
| Forest that is not Indigenous owned | 204 | 204 | 204 | #CCCCCC |  |
| Non-forest land that is Indigenous owned | 255 | 127 | 127 | #FF7F7F |  |
| Non-forest land that is not Indigenous owned | 255 | 255 | 255 | #FFFFFF |  |

Table 5 Attribute symbology and colour values for the area of land and forest that is Indigenous

managed or Indigenous co-managed layer (SYM\_IMCM)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Values for field SYM\_IMCM** | **RGB values** | | | **Hexadecimal value** | **Colour** |
| **R** | **G** | **B** |
| Forest that is Indigenous managed | 0 | 0 | 80 | #000050 |  |
| Forest that is Indigenous co-managed | 149 | 91 | 62 | #955B3E |  |
| Forest that is not Indigenous managed and not Indigenous co-managed | 204 | 204 | 204 | #CCCCCC |  |
| Non-forest land that is Indigenous managed | 102 | 229 | 255 | #66E5FF |  |
| Non-forest land that is Indigenous co-managed | 255 | 221 | 51 | #FFDD33 |  |
| Non-forest land that is not Indigenous managed and not Indigenous co-managed | 255 | 255 | 255 | #FFFFFF |  |

Table 6 Attribute symbology and colour values for the area of land and forest that is subject to other special rights layer (SYM\_OSR)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Values for field SYM\_OSR** | **RGB values** | | | **Hexadecimal value** | **Colour** |
| **R** | **G** | **B** |
| Forest that is subject to other special rights | 100 | 75 | 0 | #644B00 |  |
| Forest that is not subject to other special rights | 204 | 204 | 204 | #CCCCCC |  |
| Non-forest land that is subject to other special rights | 255 | 187 | 51 | #FFBB33 |  |
| Non-forest land that is not subject to other special rights | 255 | 255 | 255 | #FFFFFF |  |

Table 7 Attribute symbology and colour values for the area of land and forest that is in the total Indigenous estate layer (SYM\_IE)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Values for field SYM\_IE** | **RGB values** | | | **Hexadecimal value** | **Colour** |
| **R** | **G** | **B** |
| Forest that is in the total Indigenous estate | 70 | 0 | 80 | #460050 |  |
| Forest that is not is in the total Indigenous estate | 204 | 204 | 204 | #CCCCCC |  |
| Non-forest land that is in the total Indigenous estate | 230 | 160 | 240 | #E6A0F0 |  |
| Non-forest land that is not is in the total Indigenous estate | 255 | 255 | 255 | #FFFFFF |  |

**References**

ABARES 2020, [Australia’s forests and forestry glossary](https://www.agriculture.gov.au/abares/forestsaustralia/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](https://doi.org/10.25814/bqr0-4m20), ABARES technical report, Canberra DOI: [doi.org/10.25814/bqr0-4m20](https://doi.org/10.25814/bqr0-4m20). CC BY 4.0.

1. [agriculture.gov.au/abares/forestsaustralia/forest-data-maps-and-tools/spatial-data/forest-cover](https://www.agriculture.gov.au/abares/forestsaustralia/forest-data-maps-and-tools/spatial-data/forest-cover) [↑](#footnote-ref-1)