



## **1259.0.30.002 – Statistical Geography - Australian Standard Geographical Classification (ASGC) Digital Boundaries, Australia, July 2006**

### **PRODUCT BRIEF**

The Australian Standard Geographical Classification (ASGC) is a hierarchical classification system of geographical areas and consists of a number of interrelated structures. It provides a common framework of statistical geography and enables the production of statistics which are comparable and can be spatially integrated.

This product, **Statistical Geography - Australian Standard Geographical Classification (ASGC) Digital Boundaries, Australia 2006** (cat.no. 1259.0.30.002), contains the digital boundaries for the ASGC Edition 2006 (date of effect 1 July 2006). The digital boundaries are presented in MapInfo Interchange Format (mid/.mif) and ESRI Shapefile (.shp) Format, and are based on the datum GDA94.

The ASGC covers Geographic Australia including the external territories of Cocos (Keeling) Islands and Christmas Island, but excluding all other external territories.

The product includes boundaries of Census Collection Districts (CD), Local Government Areas, Statistical Local Areas, Statistical Divisions, Statistical Subdivisions, States, Statistical Districts, Major Statistical Regions, Statistical Regions and Statistical Region Sectors, effective from 1 July 2006. The digital boundaries are available only at one level of detail. These boundaries are intended for import and display in GIS and desktop mapping packages, and because of the high level of detail, they are not suitable for use in 'low-end' mapping packages such as those included in Excel.

The various levels of the classification are aggregated from the CDs. ASGC levels above the CD level exclude water CDs.

Note that it is vitally important to understand which edition of the ASGC has been applied to the statistical data which you are analysing. ABS data are generally

disseminated on either the ASGC edition used for the collection and dissemination of Census data (2006) or the edition which was current when data was being collected.

### **Data Format**

The digital boundary files are in MapInfo Interchange Format (.mid/.mif) and ESRI Shapefile (.shp) format.

The digital boundary files have the datum specified as GDA94.

### **File Nomenclature**

Each file name has the format <file type><06><a><AUST> where:

<file type> represents the type of boundaries in each file

CD = Census Collection District

SLA = Statistical Local Area

SSD = Statistical Subdivision

SD = Statistical Division

STE = State

SDIST = Statistical District

LGA = Local Government Area

SRS = Statistical Region Sector

SR = Statistical Region

MSR = Major Statistical Region

<06> represents 2006 the year of the Australian Standard Geographical Classification (ASGC) Edition.

<a> indicates the data is at a high level of detail i.e. "all points" data

<AUST> indicates the data covers all of Australia as defined in ABS publication Catalogue No. 1216.0.

## File Attributes

All column headers show spatial unit type, spatial unit attribute and year of edition.

File Type	Fields (.mid/.mif)	Fields (ESRI .shp)	Data Type
CD	STATE_CODE_2006	State_code	Character (8)
	CD_CODE_2006	Cd_code06	Character (8)
	SLA_MAINCODE_2006	Sla_code06	Character (10)
	SLA_NAME_2006	Sla_name06	Character (50)
	LGA_CODE_2006	Lga_code06	Character (10)
	LGA_NAME_2006	Lga_name06	Character (50)
SLA	STATE_CODE_2006	State_code	Character (1)
	SLA_MAINCODE_2006	Sla_code06	Character (9)
	SLA_NAME_2006	Sla_name06	Character (50)
	SLA_5DIGITCODE_2006	Sla_5digit	Character (5)
SSD	STATE_CODE_2006	State_code	Character (1)
	SSD_CODE_2006	Ssd_code06	Character (5)
	SSD_NAME_2006	Ssd_name06	Character (50)
SD	STATE_CODE_2006	State_code	Character (1)
	SD_CODE_2006	Sd_code06	Character (3)
	SD_NAME_2006	Sd_name06	Character (50)
STE	STATE_CODE_2006	State_code	Character (1)
	STATE_NAME_2006	State_name	Character (50)
LGA	STATE_CODE_2006	State_code	Character (1)
	LGA_CODE_2006	Lga_code06	Character (5)
	LGA_NAME_2006	Lga_name06	Character (50)
SDIST	SDIST_CODE_2006	Sdist_code	Character (4)
	SDIST_NAME_2006	Sdist_name	Character (50)
SRS	STATE_CODE_2006	State_code	Character (1)
	SRS_CODE_2006	Srs_code06	Character (5)
	SRS_NAME_2006	Srs_name06	Character (50)
SR	STATE_CODE_2006	State_code	Character (1)
	SR_CODE_2006	Sr_code06	Character (4)
	SR_NAME_2006	Sr_name06	Character (30)
MSR	STATE_CODE_2006	State_code	Character (1)
	MSR_CODE_2006	Msr_code06	Character (2)
	MSR_NAME_2006	Msr_name06	Character (50)

## State and Territory

Within the files, the States/Territories (S/T) are identified by unique one digit codes.

Code	S/T
1	New South Wales
2	Victoria
3	Queensland
4	South Australia
5	Western Australia
6	Tasmania
7	Northern Territory
8	Australian Capital Territory
9	Other Territories

## Data Quality

The ASGC Edition 2006 digital boundaries are based upon the CD boundaries of the ASGC Edition 2006. The higher level spatial units were then aggregated from 2006 CDs.

While the topological consistency of the data can be regarded as high there may be very small errors such as gaps, overlaps and bow-ties.

## Metadata

Refer to the files Metadata Pro-forma.pdf and GDA94 Fact Sheet.pdf on this product.

## Reference

Information regarding the underlying concepts of the Australian Standard Geographical Classification and its Structures may be found in the publication **Statistical Geography Volume 1 - Australian Standard Geographical Classification (ASGC) 2006** (cat. No. 1216.0).

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For more information on statistical geography please view the ABS Geography portal on [www.abs.gov.au/geography](http://www.abs.gov.au/geography)

For enquiries please email [geography@abs.gov.au](mailto:geography@abs.gov.au)