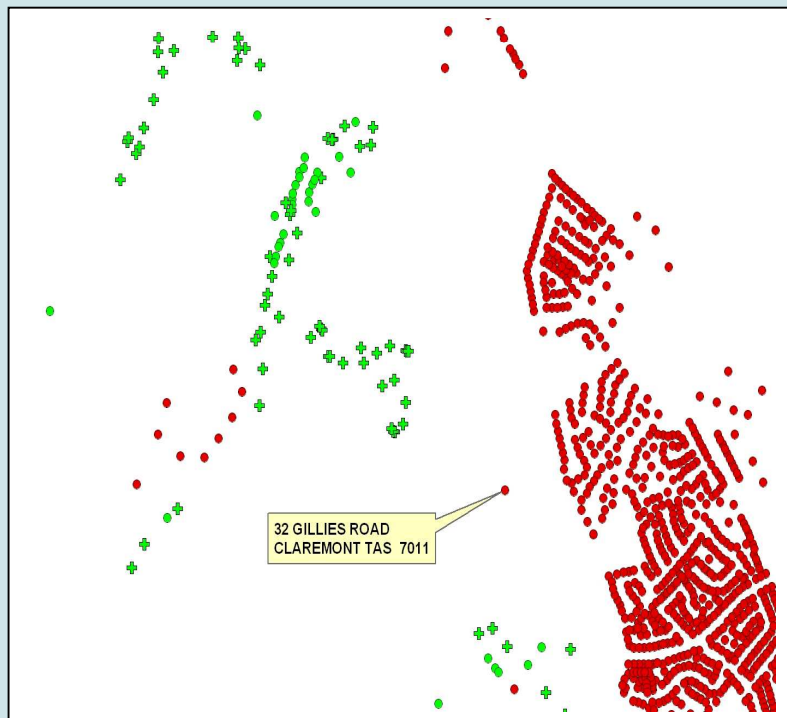


Address Points

Dataset



February 2007

Address Points

The Address Points data set is the authoritative jurisdictional address geocodes dataset for Tasmania. This dataset is updated weekly.

Address Maintenance

Allocation of addresses in Tasmania remains the responsibility of Local Government, who advise of any address allocation or changes to The Department of Primary Industries and Water (DPIW). Address information is maintained at a State basis in the Valuer-Generals VISTAS (Valuation Information System for Tasmania) database, which holds records of every rateable property in Tasmania.

Generally within Tasmanian Cities, all properties will have an address allocated. Within some of the smaller towns and some rural areas the Local Government authorities have not fully completed the property addressing within these areas. This is gradually being undertaken by Councils but currently it is estimated that outside cities and major towns approximately 5% of properties containing a residence are yet to be fully addressed.

Address Management

The VISTAS database has the PID (Property Identification Number) as the key field. A range of property attributes including property address information is maintained for each property. Address information is stored against the PID in a table structured to AS 4590.

To allow effective management of Rural Addressing and to facilitate the production of the Address Point data set, Addresses allocated according to the Rural Addressing Standard are flagged accordingly. Extensive spatial quality assurance has been undertaken to ensure that street names match approved names and that the address for the property matches the correct gazetted locality.

Production of the Address Point Data Set

Generation of the address point data set has relied upon significant completion of the LIST Cadastral Parcels data set. In this data set cadastral parcels are attributed with the PID number. This attribution is currently completed to over 99%.

In areas where the property has been identified as having an urban address or for those rural addressed properties having a property area of less than 1hectare, the address point has been determined by allocating a centroid corresponding to the property centroid. The property is defined by dissolving all those internal parcel boundaries for regions attributed with the same PID.

Datum points have been established from the road centreline dataset to coincide with the start point for the rural addressing numbering. This initial dataset has progressed a point based on the measured distance along a road from the defined datum and placed the geocode at a right angle offset to the appropriate side of the road. Any points falling outside the property boundary having the same ID have then been then moved in increments up or down the road to a maximum of 500 metres until placed in properties having the same PID value. Address geocodes failing to be placed beyond this point have been rejected and will be subject to further verification at a later stage.

Spatial Accuracy

The LIST Cadastral Parcels in urban areas including towns have been derived from the Tasmanian 1:5,000 Orthophoto/Cadastral map series. From this basis it is expected that 90% of cadastral boundaries will fall within 5 metres of true location.

Cadastral boundaries for the remainder of Tasmania have been derived from the 1:25,000 topographic/cadastral map series. It is expected that 90% of boundaries derived from this data will fall within 20 metres of true location. Address Points in urban areas derived from property centroids will therefore carry the same nominal accuracy with regard to the actual property centroid. It is expected that the spatial accuracy of measured rural address points would be such 90% of points would within 50 metres of the true position of the property access point from a public road.

This data set is limited in that only one address can be recorded for a property. Large commercial or rural properties may contain various other tenancies or features capable of having a discreet address. Some properties may be further divided into “Flats”. It is intended that allowances will be made for holding geocodes for discreet addresses but not private flats having the same street number components as their parent property.

Address Point - Data Structure

This dataset is available in a number of formats to suit most GIS / Desktop Mapping platforms. Datum is GDA94. Data can also be supplied as tab delimited text upon request. As this dataset is still under development, some fields may not be populated with data. Shaded fields indicate those fields that will contain zero or null values or may not be included with the data set.

Field	Type	Description
GEocode_ID	INT32	The unique database identifier for a Geocode
GEO_TYPE	CHAR(60)	The type of point that has been geocoded
ACCURACY	CHAR(60)	The description of the planimetric accuracy of the Geocode
RELIABILIT	CHAR(60)	The description of the reliability of the geocoded feature
EASTING	DECIMAL(11,3)	The Easting in metres of Zone 55 Map Grid Australia (MGA)
NORTHING	DECIMAL(11,3)	The Northing in metres of Zone 55 Map Grid Australia (MGA)
SITE_NAME	CHAR(50)	An identifier that relates to this specific geocoded site
SITE_DESC	CHAR(100)	Additional descriptive information relating to a specific geocoded site
NOM_REG_NO	CHAR(7)	The unique identifier recorded in the Nomenclature Register for a named road feature
FUND_GCODE	INT32	The Fundamental Geocode being the Geocode Identifier considered to be the preferred point for the display of the address number
PID	INT32	The Property Identification Number for the VISTAS database
RA_ADJUST	INT16	The distance in metres that the measured rural address point has been moved to fit inside the property having the same PID value.
UNIT_CODE	CHAR(7)	The code identifying a separately identifiable portion of a sub-property
UNIT_TYPE	CHAR(60)	The type identifying a separately identifiable portion of a sub-property
UNIT_NUMB	CHAR(11)	The number of the subunit component
PROP_NAME	CHAR(45)	The name used to identify a physical building or property name as part of its location
ST_NO_FROM	INT(32)	The numeric reference of a house or property or the starting number for a house or property number range
NO1_SUFFIX	CHAR(2)	A character representing the house number suffix for the house or property, or the starting number suffix for a house or property number range
ST_NO_TO	INT32	The numeric reference of the finishing number for a house or property number range
NO2_SUFFIX	CHAR(2)	A character representing the house number suffix for the finishing number of a house or property number range
STREET	CHAR(45)	The approved thoroughfare name for an address
ST_TY_CODE	CHAR(4)	The street type abbreviation conforming to AS 4590-1999
ST_TYPE	CHAR(60)	The full street type of the thoroughfare
ST_SU_CODE	CHAR(4)	The letter representing the cardinal point direction reference used as an extension for a street name
ST_SUFFIX	CHAR(60)	The full suffix used as an extension to a street name
LOCALITY	CHAR(46)	The full name of the gazetted locality or suburb area containing the specific address
STATE	CHAR(3)	The abbreviation for the State of Tasmania
POSTCODE	INT16	The Postcode approved by Australia Post for a gazetted locality
RURAL_ADD	CHAR(1)	A flag to signify whether an address has been allocated in accordance with the rural addressing system, defined in AS/NZS 4724-2000
ALTERED_ON	CHAR(19)	The date upon which any element of a property address was altered
UFI	CHAR(12)	Unique Feature Identifier – a unique identifier attached to every representation of a feature instance within The LIST
FMP	CHAR(12)	Feature Metadata Pointer – a code relating to information on lineage and accuracy of each feature
CREATED_ON	CHAR(19)	Date which the point was created in the Geocode table. Format YYYY-MM-DD HH:MM:SS

Metadata

<http://www.thelist.tas.gov.au/asdd/ANZTA0005000014.html>

Links



<http://www.thelist.tas.gov.au>

Data Pricing – Standard Commercial Rate

Base Data Fee (Standard state supply)	\$1250.00
Administration & Licencing	\$ 100.00
GST	\$ 135.00
Total	\$1485.00

Extracts of the Address Points can be supplied to client specifications at \$0.01 per address with a minimum charge of \$100.00 plus GST

Contact

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