



Emergency Management Spatial Information Network Australia



Australian Government

Geoscience Australia

APPLYING GEOSCIENCE TO AUSTRALIA'S
MOST IMPORTANT CHALLENGES

National Emergency Services Facilities - 2018

Metadata Statement

Version 2

Last updated in 2018

eCatID: 104040

Use Constraint:



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Keywords:

ambulance, police, metro fire, rural fire, SES, emergency management

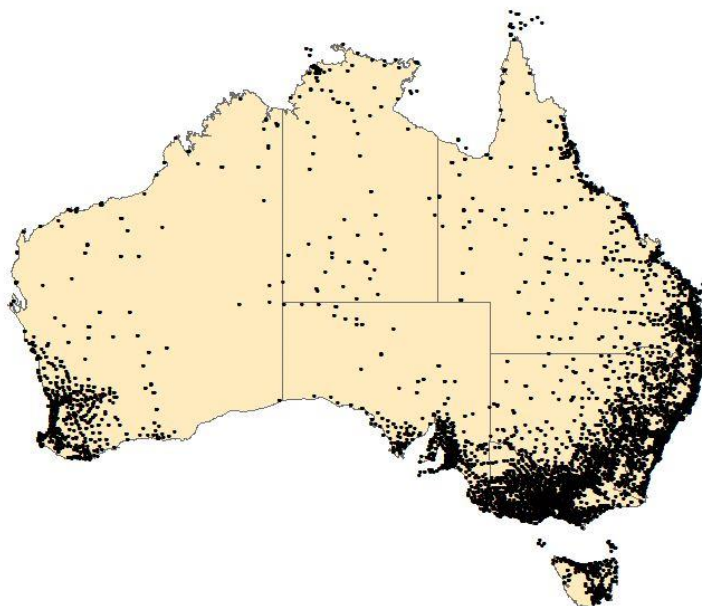
Definition:

For the purposes of this dataset an Emergency Services Facility is defined as: *A facility from which a particular agency's resources are commanded, coordinated and assigned to an incident or emergency.*

Abstract:

The National Emergency Services Facilities dataset presents the spatial locations; in point format, of all known police stations, ambulance stations, metropolitan fire facilities, rural fire facilities and SES facilities and Emergency Management facilities within Australia.

National Map of Emergency Services Facilities:



Lineage Statement:

Using the latest Emergency Services Facilities datasets acquired from State and Territory agencies, the data was uploaded into an ArcSDE environment using Feature Manipulation Engine (FME). The process included the extraction of the themed features, and the translation of the data into a schema created by the Built Environment & Exposure Section, National Location Information Branch, Geoscience Australia (GA).

Reference System:

GDA94 (EPSG:4283)

This data was captured in GDA94, it is compatible to GDA2020

Source Information:

The primary information sources used to produce the National Emergency Services Facilities Dataset was acquired from each Emergency Management State and Territory agency. Access to the required spatial data and attributes for each facility was coordinated with the support of Emergency Management Spatial Information Network Australia (EMSINA).

1. Australian Capital Territory
ACT Emergency Services Agency
<http://esa.act.gov.au/>
Australian Federal Police
<http://afp.gov.au/>
2. New South Wales
Emergency Information Coordination Unit
http://spatialservices.finance.nsw.gov.au/about_us/eicu
Australian Federal Police
<http://afp.gov.au/>
3. Northern Territory
NT Police Fire & Emergency Services
<https://www.pfes.nt.gov.au/>
Australian Federal Police
<http://afp.gov.au/>
4. Queensland
Qld Government Data Directory
<http://www.data.qld.gov.au/>
Australian Federal Police
<http://afp.gov.au/>
5. South Australia
SA Country Fire Service
<https://www.cfs.sa.gov.au>
SA State Emergency Service
<https://www.ses.sa.gov.au>
SA Government Data Directory
<http://data.sa.gov.au/dataset/emergency-services>
SA Police
<https://www.police.sa.gov.au/>
Australian Federal Police
<http://afp.gov.au/>
6. Tasmania
Department of Primary Industries, Parks, Water and Environment
<http://dpiuwe.tas.gov.au/>
Australian Federal Police
<http://afp.gov.au/>
7. Victoria
Vic Government Data Directory
<https://www.data.vic.gov.au/>
Australian Federal Police
<https://afp.gov.au/>

8. Western Australia

WA Government Data Directory

<https://data.wa.gov.au/>

St John Ambulance WA

<https://stjohnwa.com.au/>

Australian Federal Police

<https://afp.gov.au/>

Positional (Spatial Confidence) Accuracy:

The relative spatial accuracy of the features in the National Emergency Services Facilities Dataset reflects that of the jurisdictional datasets. No attempt was made to confirm and/or revise the spatial location of any of the features acquired from the State/Territory datasets.

The 'Spatial Confidence' attribute is a GIS specialist's estimation/interpretation of the location accuracy of the digitized feature without taking into account the planimetric accuracy of the imagery used during the process. Values range from 1 to 5 and are assigned based on the following criteria:

5	Feature positively identified from imagery (expert ID) and, along with reliable reference material, feature located with 100% certainty; or expert ID from imagery or reliable reference material and individual knowledge sufficient to be 100% certain of location
4	Feature positively identified from imagery (expert ID) but reference material insufficient to be 100% positive
3	Feature placed on location of full address / known coordinates but can't be positively identified from imagery; or feature placed on suspected location of facility identified from imagery, within a known, more general, location (such as a hospital grounds)
2	Feature placed on street / general facility site
1	Feature placed in the centre of district / town

Attribute Accuracy:

The accuracy of the attribute information is reliant upon the sources outlined above.

Completeness:

Approval for the public release of the National Emergency Services Facilities dataset was sought from the State and Territory custodians responsible for the release of their department's data. All emergency management facilities included in this National dataset have been approved for public distribution.

Attribute information fields have been populated where data was available. Where there is no data available, incomplete fields are assigned a <Null> value. Attribute fields will be updated or populated during future scheduled maintenance cycles if new information or updated information is identified and publically available.

Data Dictionary:

The following data dictionary table covers the full suite of attribute fields that define the National Emergency Services Facilities Dataset.

Attribute Name	Attribute Alias	Description
OBJECTID*	Object ID	Automatically generated system ID
SHAPE*	Shape	Geometry type (Point)
FEATURETYPE	Feature_Type	A singled feature type "Emergency Facility" is the collective name of the different facility subtypes identified in the CLASS field.
DESCRIPTION	Feature_Description	Brief description of the feature type
CLASS	Subtype_Class	The feature type subtypes: <ul style="list-style-type: none">• Ambulance Station• Emergency Management Facility• Metro Fire Facility• Police Station• Rural/Country Fire Service Facility• SES Facility
FID	Feature_ID	A unique alphanumeric code
NAME	Name	The station/facility name of each individual feature

OPERATIONALSTATUS	Operational_Status	A description of the facility status <ul style="list-style-type: none"> Operational (functioning as an Emergency Services facility, does not indicate opening hours or if the facility is staffed) Non-operational (no longer operational as an Emergency Services facility)
STRUCTURETYPE	Structure_Type	A structure type identifier that describes the type of facility
ADDRESS	Address	The address of this feature, as supplied by the data source
SUBURB	Suburb	The suburb where this feature is located, as supplied by the data source
STATE	State	The state where this feature is located, as supplied by the data source
ATTRIBUTESOURCE	Attribute_Source	The name of the agency/data custodian for the source of this feature's attribute information
ATTRIBUTEDATE	Attribute_Date	Date of the source material used to capture the feature's attribute
FEATURESOURCE	Feature_Source	The name of the agency/data custodian for the source of the material used to capture the location of this feature
FEATUREDATE	Feature_Date	Date of the source material used to capture this feature
SPATIALCONFIDENCE	Spatial_Confidence	Confidence rating of the accuracy of the feature's spatial location (5 high – 1 low)
REVISED	Revised	The date the feature was last revised
COMMENT	Comment	A free text field for adding general comments about this feature to external users

Data Maintenance:

Timeframes for the revision of this database will be reliant upon the EMSINA Group and its members to continue to co-ordinate access to each of the State and Territory agency data providers and supply regular updates to Geoscience Australia.

Known Limitations of the Data:

The National Emergency Services Facilities Dataset does not include the following features:

1. Non-operational emergency services facilities
2. Closed emergency services facilities which includes historical sites and tourist attractions

Revision Dates and Descriptions:

January 2019	<ul style="list-style-type: none"> The National Emergency Services Facilities 2018 dataset was published to ArcGIS Online https://services9.arcgis.com/ZFIIZBMHgtgl0EYj/arcgis/rest/services/National_Emergency_Services_Facilities_2018/FeatureServer
November 2018	<ul style="list-style-type: none"> Version 2 of the National Emergency Services Dataset was created Full metadata statement update
July 2018 - September 2018	<ul style="list-style-type: none"> Data sourced from State and Territory agency data providers to update the National Emergency Services Facilities Dataset – Version 1
January 2017	<ul style="list-style-type: none"> Version 1 of the Dataset was reviewed and updated as per the latest data acquired from State and Territory agency data providers Full metadata statement update Revised Use Constraint <ul style="list-style-type: none"> Logo - © Commonwealth of Australia (Geoscience Australia) 2017 Creative Commons Attribution 4.0 International Licence
November 2014 - March 2015	<ul style="list-style-type: none"> Researched and sourced data from States and Territory agency data providers Initial National spatial dataset and associated metadata document created

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