

# PSAP 911 Service Area Boundaries

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## Identification Information:

### Citation:

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**Publication Date:** 20090713

**Title:** PSAP 911 Service Area Boundaries

**Edition:** 3rd Quarter 2009

**Geospatial Data Presentation Form:** vector digital data

### Description:

**Abstract:** 911 Public Safety Answering Point (PSAP) service area boundaries in the United States According to the National Emergency Number Association (NENA), a Public Safety Answering Point (PSAP) is a facility equipped and staffed to receive 9-1-1 calls. The service area is the geographic area within which a 911 call placed using a landline is answered at the associated PSAP. This dataset only includes primary PSAPs. Secondary PSAPs, backup PSAPs, and wireless PSAPs have been excluded from this dataset. Primary PSAPs receive calls directly, whereas secondary PSAPs receive calls that have been transferred by a primary PSAP. Backup PSAPs provide service in cases where another PSAP is inoperable. Most military bases have their own emergency telephone systems. To connect to such a system from within a military base, it may be necessary to dial a number other than 9 1 1. Due to the sensitive nature of military installations, TGS did not actively research these systems. If civilian authorities in surrounding areas volunteered information about these systems, or if adding a military PSAP was necessary to fill a hole in civilian provided data, TGS included it in this dataset. Otherwise, military installations are depicted as being covered by one or more adjoining civilian emergency telephone systems. In some cases, areas are covered by more than one PSAP boundary. In these cases, any of the applicable PSAPs may take a 911 call. Where a specific call is routed may depend on how busy the applicable PSAPs are (i.e., load balancing), operational status (i.e., redundancy), or time of day / day of week. If an area does not have 911 service, TGS included that area in the dataset along with the address and phone number of their dispatch center. These are areas where someone must dial a 7 or 10 digit number to get emergency services. These records can be identified by a "Y" in the [NON911EMNO] field. This indicates that dialing 911 inside one of these areas does not connect one with emergency services. This dataset was constructed by gathering information about PSAPs from state level officials. In some cases, this was geospatial information; in other cases, it was tabular. This information was supplemented with a list of PSAPs from the Federal Communications Commission (FCC). Each PSAP was researched to verify its tabular information. In

cases where the source data was not geospatial, each PSAP was researched to determine its service area in terms of existing boundaries (e.g., city and county boundaries). In some cases, existing boundaries had to be modified to reflect coverage areas (e.g., "entire county north of Country Road 30"). However, there may be cases where minor deviations from existing boundaries are not reflected in this dataset, such as the case where a particular PSAPs coverage area includes an entire county plus the homes and businesses along a road which is partly in another county. At the request of NGA, text fields in this dataset have been set to all upper case to facilitate consistent database engine search results. At the request of NGA, all diacritics (e.g., the German umlaut or the Spanish tilde) have been replaced with their closest equivalent English character to facilitate use with database systems that may not support diacritics.

**Purpose:** Homeland Security Use Cases: Use cases describe how the data may be used and help to define and clarify requirements. 1) A disaster has struck, or is predicted for, a locality. The PSAP that may be affected must be identified and verified to be operational. 2) In the event that the local PSAP is inoperable, adjacent PSAP locations could be identified and utilized.

**Supplemental Information:** If you are using this dataset as a shapefile, please be aware that it was converted from a Geodatabase. As a result, this shapefile may have attribution and metadata errors resulting from the conversion process. The following are known issues: null values may have been changed to 0s (zeros) or to blank values, numbers (including latitude and longitude) may have been rounded up or down, there may be issues with Unicode character strings, and time cannot be stored in a date field. Field names may have been truncated to no longer than 10 characters or completely changed, lengthy string attributes may have been truncated to 254 characters, and attribute columns may have been deleted. Shapefiles do not support coded domains and subtypes therefore the original file geodatabase attribution and metadata information for coded domains and subtypes could be incorrect or missing in the shapefile version. Please visit the following ESRI website for more information: <http://pro.arcgis.com/en/pro-app/tool-reference/appendices/geoprocessing-considerations-for-Shapefile-output.htm>

**Time Period of Content:**

**Time Period Information:**

**Range of Dates/Times:**

**Beginning Date:** 20070910

**Ending Date:** 20090609

**Currentness Reference:** ground condition

**Status:**

**Progress:** Complete

**Spatial Domain:**

**Bounding Coordinates:**

**West Bounding Coordinate:** -179.168566

**East Bounding Coordinate:** 145.830451

**North Bounding Coordinate:** 71.38961

**South Bounding Coordinate:** -14.665425

**Keywords:**

**Theme:**

**Theme Keyword Thesaurus:** ISO 19115 Topic Category

**Theme Keyword:** boundaries

**Theme Keyword:** location

**Theme:**

**Theme Keyword Thesaurus:** LCSH - Library of Congress subject headings  
(Washington, DC: LC, Cataloging Distribution Service) <http://authorities.loc.gov>

**Theme Keyword:** Boundaries.

**Theme Keyword:** Telephone--Emergency reporting systems.

**Place:**

**Place Keyword Thesaurus:** LCSH - Library of Congress subject headings  
(Washington, DC: LC, Cataloging Distribution Service) <http://authorities.loc.gov>

**Place Keyword:** North Carolina

**Place Keyword:** Georgia

**Place Keyword:** Oregon

**Place Keyword:** Puerto Rico

**Place Keyword:** Nebraska

**Place Keyword:** Minnesota

**Place Keyword:** West Virginia

**Place Keyword:** South Dakota

**Place Keyword:** Wyoming

**Place Keyword:** Kansas

**Place Keyword:** Pennsylvania

**Place Keyword:** Missouri

**Place Keyword:** Vermont

**Place Keyword:** Montana

**Place Keyword:** Arizona

**Place Keyword:** Hawaii

**Place Keyword:** Oklahoma

**Place Keyword:** Iowa

**Place Keyword:** Nevada

**Place Keyword:** Indiana

**Place Keyword:** United States.

**Place Keyword:** Washington

**Place Keyword:** Wisconsin  
**Place Keyword:** Texas  
**Place Keyword:** United States--Territories and possessions.  
**Place Keyword:** Florida  
**Place Keyword:** New Mexico  
**Place Keyword:** Kentucky  
**Place Keyword:** Mississippi  
**Place Keyword:** California  
**Place Keyword:** Idaho  
**Place Keyword:** Illinois  
**Place Keyword:** South Carolina  
**Place Keyword:** Arkansas  
**Place Keyword:** North Dakota  
**Place Keyword:** Louisiana  
**Place Keyword:** Guam  
**Place Keyword:** Maine  
**Place Keyword:** Alaska  
**Place Keyword:** Colorado  
**Place Keyword:** Virgin Islands  
**Place Keyword:** Alabama  
**Place Keyword:** American Samoa  
**Place Keyword:** Connecticut  
**Place Keyword:** Utah  
**Place Keyword:** New Jersey  
**Place Keyword:** New York  
**Place Keyword:** Washington (D.C.)  
**Place Keyword:** New Hampshire  
**Place Keyword:** Rhode Island  
**Place Keyword:** Virginia  
**Place Keyword:** Massachusetts  
**Place Keyword:** Maryland  
**Place Keyword:** Michigan  
**Place Keyword:** Tennessee  
**Place Keyword:** Northern Mariana Islands  
**Place Keyword:** Ohio  
**Place Keyword:** Delaware  
**Access Constraints:** None (Public Domain Information)  
**Use Constraints:** None (Public Use)  
**Point of Contact:**  
**Contact Information:**

**Contact Organization Primary:**

**Contact Organization:** TechniGraphics, Inc.

**Contact Address:**

**Address Type:** mailing and physical

**Security Information:**

**Security Classification System:** None

**Security Handling Description:** None (Public Use)

**Native Data Set Environment:** Microsoft Windows XP Version 5.1 (Build 2600)  
Service Pack 3; ESRI ArcCatalog 9.3.1.1850

**Spatial Data Organization Information:**

**Direct Spatial Reference Method:** Vector

**Entity and Attribute Information:**

**Detailed Description:**

**Entity Type:**

**Entity Type Label:** Public Safety Answering Point (PSAP) 911 Service Area  
Boundaries

**Entity Type Definition:** According to the National Emergency Number Association (NENA), a Public Safety Answering Point (PSAP) is a facility equipped and staffed to receive 9-1-1 calls. The service area is the geographic area within which a 911 call placed using a landline is answered at the associated PSAP.

**Entity Type Definition Source:** TGS

**Attribute:**

**Attribute Label:** FAX

**Attribute Definition:** Ten (10) digit fax number for the primary PSAP for the district formatted as nnn-xxx-nnnn. All alphabetic characters have been translated to the corresponding numeric digit.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Phone numbers formatted as nnn-nnnn. Only numeric digits are used. The first three (3) digits (the exchange) must form a valid combination with the area code. A list of valid area code and exchange combinations can be obtained from <http://www.nanpa.com>

**Attribute:**

**Attribute Label:** COUNTY

**Attribute Definition:** Name of the largest county in which the district covers. The district may not cover the entire county. If multiple counties are covered, the county with the largest amount of coverage is represented.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Codeset Domain:**

**Codeset Name:** Geographic Names Information System (GNIS)  
**Codeset Source:** US Department of the Interior - US Geologic Survey

**Attribute:**

**Attribute Label:** OBJECTID

**Attribute Definition:** Internal feature number.

**Attribute Definition Source:** ESRI

**Attribute Domain Values:**

**Unrepresentable Domain:** Sequential unique whole numbers that are automatically generated.

**Attribute:**

**Attribute Label:** PSAP\_NAME

**Attribute Definition:** Name of the primary PSAP for the district. If the primary PSAP is unknown, TGS has attributed this with the same information found in the [NAME] attribute.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** ID

**Attribute Definition:** Unique identifier for feature.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** CITY

**Attribute Definition:** The name of the city associated with the physical address for the primary PSAP that serves the district.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** NON911EMNO

**Attribute Definition:** Indicates if an area does not have 911 service.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Enumerated Domain:**

**Enumerated Domain Value:** N

**Enumerated Domain Value Definition:** Indicates that dialing 911 inside the area connects one with emergency services.

**Enumerated Domain Value Definition Source:** TGS

**Attribute Domain Values:**

**Enumerated Domain:**

**Enumerated Domain Value:** Y

**Enumerated Domain Value Definition:** Indicates that dialing 911 inside the area does not connect one with emergency services. It is necessary to dial a 7 or 10 digit number to contact emergency services.

**Enumerated Domain Value Definition Source:** TGS

**Attribute:**

**Attribute Label:** NAICSCODE

**Attribute Definition:** NAICS (North American Industry Classification System) Code for entity. NAICS codes (and NAICS Descriptions) have been assigned based upon the entity's primary function, regardless of if that is the function that qualified it to be included in this dataset. On the other hand, HSIP Themes are assigned based upon the function that qualified an entity for inclusion in this dataset. It is possible that if an entity appears in more than one dataset, it will have a different HSIP Theme in each dataset; however, it should have the same NAICS Code and NAICS Description in each case.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Codeset Domain:**

**Codeset Name:** North American Industry Classification System (NAICS 2002)

**Codeset Source:** US Census Bureau - <http://www.census.gov/epcd/www/naics.html>

**Attribute:**

**Attribute Label:** Shape\_Length

**Attribute Definition:** Length of feature in internal units.

**Attribute Definition Source:** ESRI

**Attribute Domain Values:**

**Unrepresentable Domain:** Positive real numbers that are automatically generated.

**Attribute:**

**Attribute Label:** FCC\_ID

**Attribute Definition:** FCC ID for the primary PSAP that serves the district.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** EMERGTITLE

**Attribute Definition:** Title of person or name of office for emergency point of contact.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** STATE

**Attribute Definition:** Two (2) character abbreviation for state associated with the physical address of the primary PSAP that serves the district. In almost all cases, this is the same as the state where the entity has been depicted geospatially. However, there are cases, particularly where an entity is part of a larger facility that cuts across state lines, where the entity's location may be depicted in a state other than the one indicated in this attribute. Also, the state in which an entity appears to be located may change depending on the scale of the state boundaries theme being used.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Codeset Domain:**

**Codeset Name:** Official USPS Abbreviations - State Abbreviations

**Codeset Source:** United States Postal Service

[http://www.usps.com/ncsc/lookups/usps\\_abbreviations.html](http://www.usps.com/ncsc/lookups/usps_abbreviations.html)

**Attribute:**

**Attribute Label:** SHAPE

**Attribute Definition:** Feature geometry.

**Attribute Definition Source:** ESRI

**Attribute Domain Values:**

**Unrepresentable Domain:** Coordinates defining the features.

**Attribute:**

**Attribute Label:** NAME

**Attribute Definition:** Name of the 911 Response District. If the name is unknown, TGS has attributed this field with the same information found in the [PSAP\_NAME] attribute.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** ZIP

**Attribute Definition:** Five (5) digit USPS zip code associated with the physical address of the primary PSAP that serves the district.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Codeset Domain:**

**Codeset Name:** USPS Address Information System - Domain is further restricted by only allowing physical (non PO Box only) zip codes.

**Codeset Source:** United States Postal Service

**Attribute:**

**Attribute Label:** ADDRESS2

**Attribute Definition:** Location within physical address, e.g., floor, suite, building.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** STATE\_ID

**Attribute Definition:** State ID for the primary PSAP that serves the district.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** EMERGEXT

**Attribute Definition:** Telephone extension for emergency point of contact for the primary PSAP that serves the District.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** NAICSDESCR

**Attribute Definition:** NAICS (North American Industry Classification System)

Description for entity. At the request of NGA, the "Index Entries" that appear on the NAICS webpage (<http://www.census.gov/epcd/www/naics.html>) are being used to

populate this attribute as opposed to the "NAICS Title". While there is a one to one

correspondence between NAICS Codes and "NAICS Titles", there is a one to many

relationship between NAICS Codes and the "Index Entries". By using the "Index

Entries", we have placed the entities that make up this layer into more specific

categories; however, the user of this data should be aware that this was not the

intended purpose of these "Index Entries". The "Index Entries" were intended as a

way to search the NAICS database and as a way of enumerating ways in which

establishments falling under the given NAICS Code may be named. Thus, there are

often two or more "Index Entries" that are synonyms, for example: "Prisons" and

"Penitentiaries". In cases like this, one of these synonyms was chosen and is now the

standard "Index Entry" that TGS will use. If a specific "Index Entry" could not be

determined for an entity, the NAICS title was used. For "Index Entries" truncated on

the NAICS webpage (<http://www.census.gov/epcd/www/naics.html>), another

website (<http://www.naics.com>) was referenced. NAICS descriptions (and NAICS

codes) have been assigned based upon the entity's primary function, regardless of

the function that qualified it to be included in this dataset. On the other hand, HSIP Themes are assigned based upon the function that qualified an entity for inclusion in this dataset. It is possible that if an entity appears in more than one dataset, it will have a different HSIP Theme in each dataset; however, it should have the same NAICS Code and NAICS Description in each case.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Enumerated Domain:**

**Enumerated Domain Value:** DISASTER PREPAREDNESS AND MANAGEMENT OFFICES, GOVERNMENT

**Enumerated Domain Value Definition:** DISASTER PREPAREDNESS AND MANAGEMENT OFFICES, GOVERNMENT - [NAICS Code 922190]: This industry comprises government establishments primarily engaged in public order and safety (except courts, police protection, legal counsel and prosecution, correctional institutions, parole offices, probation offices, pardon boards, and fire protection).

**Enumerated Domain Value Definition Source:** U.S. Census Bureau

**Attribute:**

**Attribute Label:** EMERGTEL

**Attribute Definition:** Ten (10) digit telephone number of emergency point of contact for the primary PSAP that serves the District formatted as nnn-xxx-xxxx. All alphabetic characters have been translated to the corresponding numeric digit.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Phone numbers, including area code, formatted as nnn-xxx-xxxx. A list of valid area code and exchange combinations can be found at <http://www.nanpa.com>

**Attribute:**

**Attribute Label:** TELEPHONE

**Attribute Definition:** Ten (10) digit telephone number for entity formatted as nnn-xxx-xxxx.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Only numeric digits are used.

**Attribute:**

**Attribute Label:** ZIPP4

**Attribute Definition:** Four (4) digit USPS zip code extension associated with the physical address of the primary PSAP that serves the district. This attribute was automatically assigned using the entity's physical address and USPS address information system (AIS) data.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Codeset Domain:**

**Codeset Name:** USPS Address Information System (AIS) - ZIP9

**Codeset Source:** United States Postal Service

**Attribute:**

**Attribute Label:** Shape\_Area

**Attribute Definition:** Area of feature in internal units squared.

**Attribute Definition Source:** ESRI

**Attribute Domain Values:**

**Unrepresentable Domain:** Positive real numbers that are automatically generated.

**Attribute:**

**Attribute Label:** WEB

**Attribute Definition:** Web address for the primary PSAP of the District.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** FIPS

**Attribute Definition:** Five (5) digit FIPS (Federal Information Processing Standards) Code for the largest County or Counties which the district covers. The district may not cover the entire county. If multiple counties are covered, the county FIPS with the largest amount of coverage is represented. The first two (2) digits represent the state and the last three (3) digits identify the county within the state.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Codeset Domain:**

**Codeset Name:** Federal Information Processing Standards Publications - Counties and Equivalent Entities of the U.S., Its Possessions, and Associated Areas

**Codeset Source:** National Institute of Standards and Technology (NIST)

<<http://www.itl.nist.gov/fipspubs/co-codes/states.txt>>

**Attribute:**

**Attribute Label:** ADDRESS

**Attribute Definition:** Physical street address for the primary PSAP that serves the district. "PO Box", "General Delivery", "Rural Route", and "Highway Contract" addresses are not considered physical addresses and should not appear in this attribute. Some areas do not have regular city style addressing so entities in those areas may not have a street number. In such cases, the name of the road they are located on is listed in this attribute. Some rural areas may not have named roads. In these rare cases, this attribute will be blank.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Text

**Attribute:**

**Attribute Label:** UPDT\_DATE

**Attribute Definition:** Date that the data was updated by TGS.

**Attribute Definition Source:** TGS

**Attribute Domain Values:**

**Unrepresentable Domain:** Date

**Distribution Information:**

**Distributor:**

**Contact Information:**

**Contact Organization Primary:**

**Contact Organization:** (NGA) National Geospatial-Intelligence Agency

**Contact Person:** HSIP Team

**Contact Position:** Database Administrator

**Contact Address:**

**Address Type:** mailing

**Address:** Mail Stop D-115

**Address:** 4600 Sangamore Road

**City:** Bethesda

**State or Province:** MD

**Postal Code:** 20816-5003

**Country:** US

**Contact Electronic Mail Address:** [hsip\\_team@nga.mil](mailto:hsip_team@nga.mil)

**Hours:** Monday - Friday 0800 - 1700 EST

**Resource Description:** HSIP 911 Public Safety Answering Point Boundaries Resend

**Distribution Liability:** Users must assume responsibility to determine the usability of this data for their purposes.

**Standard Order Process:**

**Digital Form:**

**Digital Transfer Information:**

**Format Name:** Shapefile

**Format Version Number:** ARC Version 9.x

**Digital Transfer Option:**

**Offline Option:**

**Offline Media:** dvd

**Fees:** None

**Ordering Instructions:** HSIP data may be ordered by going to:

<https://www.hifldwg.org/HSIPRequest/request.asp> and filling out the request form found there.

**Metadata Reference Information:**

**Metadata Date:** 20090713

**Metadata Contact:**

**Contact Information:**

**Contact Organization Primary:**

**Contact Organization:** TechniGraphics, Inc.

**Contact Address:**

**Address Type:** mailing and physical

**Metadata Standard Name:** FGDC Content Standard for Digital Geospatial Metadata

**Metadata Standard Version:** FGDC-STD-001-1998

**Metadata Time Convention:** local time