

Welcome to COHGIS

GIS data provided by the City of Houston Enterprise GIS Team

Beginner's guide to COHGIS data and services



Public access to COHGIS dataset

COHGIS data is a collection of core GIS datasets used for many departments at the City of Houston. This dataset includes city service and administrative boundaries, addresses, street centerline, parcels, etc... Public can access this dataset in two ways:

1. Web service call via COHGIS map services directory, or
2. Download data via COHGIS open data download sites.

COHGIS map services directory

To enhance citizen engagement, HITS Enterprise GIS (EGIS) team at the City of Houston publishes map services on "COHGIS" ArcGIS map services directory:

<http://mycity.houstontx.gov/cohgis/rest/services>

There are two types of map services in COHGIS map services directory:

1. Public map services: Public map services are map services that provide common GIS information for general purpose use. Map folders with public map services are list in Table 1.
2. Application specific map services: Application specific map services were designed for city internal business processes or applications. EGIS team plans to move those map services to a different server. Table 2 contains a list of application specific services folders.

Table 1. The list of folders with public map services

Folder Name	Description	Data Owner
311	311 service calls	311
COUNTY	Dataset from regional counties	Counties
HFD	Fire department datasets	HFD
HPD	Recent crime and others	HPD
IT	Core COHGIS datasets	EGIS
PD	Planning & development datasets	PDD
PWE	PWE datasets	PWE

Table 2. The list of folders with application specific map services

Folder Name	Description	Data Owner
CTP	Consolidated Transportation Planning	PDD; PWE
HLT	Health related datasets	HHS
HoustonHope	Datasets to support Houston Hope program	PDD; HCD
HPL	Historic Houston digital archive maps	HPL
PropertyData	Datasets to support DON IPS application	EGIS; DON
SWD	Datasets to support SWD applications	SWD

Notes:

1. EGIS team is migrating City's GIS infrastructure to a new server/storage platform to improve city-wide GIS services. The migration should not affect the URL of the COHGIS map services directory (<http://mycity.houstontx.gov/cohgis/rest/services>); however, EGIS team may need to rename or modify some map services during the migration. We will post the changes on MyCity website [\[URL\]](#).
2. Please visit COHGIS map service catalog page for detailed information [\[URL\]](#).

COHGIS open data portal

EGIS team provides two GIS data download locations.

1. Up-to-data GIS datasets on COHGIS open data portal on ESRI ArcGIS Online cloud [\[URL\]](#).
2. Annual updated GIS datasets on COHGIS public data website [\[URL\]](#).
3. COHGIS metadata is available here [\[URL\]](#).

More questions about COHGIS datasets?

Please send email to MyCityHelpdesk@houstontx.gov



Or, visit the MyCity page.



Last updated: September 27, 2016