



City of Albuquerque Information Technology Services Division Data Management

Data.cabq.gov Core Metadata Requirements

Contact Information

Who is the contact for this dataset? The contact will be the City employee who is accountable for the data provided in this dataset and can act as front-line support in the event of any questions about the data.

Name	Robert Nuñez
Department/Division	Department of Municipal Development, Parking Division
Phone	768-2957
Email	rnunez@cabq.gov

What Does this Dataset Describe?

What is the name of this dataset? How should a user identify this dataset in any communication with contact above? Provide a shorter description of the Dataset that can act as a one-line summary of the dataset when dealing with stakeholders. Provide a longer description of the data that can be readily understood by non-technical users.

Dataset Title	Parking Citations
Short Description	General Location of Parking Citations Issued
Full Non-Technical Description	
General Location of the Parking Citations issued by the City of Albuquerque	

How Should this Dataset be Cited?

How should external sources refer to this dataset in publications or documentation? Often this will simply be the URL and the date retrieved.

http://data.cabq.gov/publicsafety/parkingcitations/parkingcitationsJSON_All

Does the Dataset Reflect a Particular Time Period?

Provide any date restrictions that may affect the validity of the data. The table fields are defined as follows:

Start Date	2008
End Date	Current
Dataset Refresh Interval	Daily
Dataset Expiration Date	
Dataset Review Date	As needed
Comments	
This dataset and spatial representation was derived from another official tabular database and should only be used for information purposes only. In this form, it does not represent official data and should not be used for anything other than experimental , academic, and/or unofficial purposes.	

Dataset Definition/Format

Provide a field-by-field breakdown and definition of each record. This section acts as the formal data dictionary for an individual record.

Field Name	Format	Description
CitationNum	Text	Citation Number
IssueDate	Date, esriFieldTypeDate	Date issued. Format may vary depending on how the REST endpoint is consumed. JSON is milliseconds since Jan 1, 1970 UTC
IssueTime	Date, esriFieldTypeDate	Time issued. Format may vary depending on how the REST endpoint is consumed. JSON is milliseconds since Jan 1, 1970 UTC
Street_Location	Text	General Address location of parking violation
Violation	Text	Description of violation

REST Format

Please refer to [REST API](#) for information on how to use the REST API.

The **Parking_CitationsREST** file takes you to the ArcGIS REST Services Directory for the Parking Citations layer. Here you find the REST Metadata for the Parking Citations layer. You can click on the [JSON](#) link at the top of the page to see the same info in JSON format.

There are three supported options at the bottom of the page. [Query](#) [Generate Renderer](#) [Return Updates](#). You can click on each of the links to navigate to corresponding page in the ArcGIS REST Services Directory for the **Parking Citation** slayer.

To generate JSON data based on selected attributes or spatial inputs, [see the REST Query page](#).

- Note that it is also possible to generate KMZ and HTML output from this page (Format selection)
- To return all records use "1=1" for the "Where" field.
- To return all fields use "*" for "Out Fields". For selected fields enter the name of the fields separated by commas.

ArcGIS JSON Format

Please refer to <http://www.json.org/> for general information on the JSON file format.

The specific attributes described below are unique to the **parkingcitationsJSON** files. Each **parkingcitationsJSON** in the directory listing will take you to the query results described in the file name.

For Example:

* **parkingcitationsJSON_All** returns all of the data for all of the parking citations in parking citations layer.

The file name is: **parkingcitationsJSON_xxxx** where xxx a description of the data in the file.

Dataset Technical Description

Provide a technical description of the dataset. This should be a complete technical description aimed at developers and expert users who need to understand the scope, strengths and limitations of the dataset.

Projection: **NAD_1983_HARN_StatePlane_New_Mexico_Central_FIPS_3002_Feet**

Changing Projection

Please note that the default projection for data accessed through the REST endpoint is Web Mercator. This is to assist integration with services such as Google and Bing. Developers can change projection by modifying the outSR parameter in the URL like this:

<http://coagisweb.cabq.gov/arcgis/rest/services/public/ParkingCitationLocations/MapSer>

http://coagisweb.cabq.gov/arcgis/rest/services/public/ParkingCitationLocations/MapServer/0/query?where=1%3D1&text=&objectIds=&time=&geometry=&geometryType=esriGeometryEnvelope&inSR=&spatialRel=esriSpatialRelIntersects&relationParam=&outFields=* &returnGeometry=true&maxAllowableOffset=&geometryPrecision=&outSR=4326&returnIdsOnly=false&returnCountOnly=false&orderByFields=&groupByFieldsForStatistics=&outStatistics=&returnZ=false&returnM=false&gdbVersion=&returnDistinctValues=false&f=pjson

as opposed to the default of:

http://coagisweb.cabq.gov/arcgis/rest/services/public/ParkingCitationLocations/MapServer/0/query?where=1%3D1&text=&objectIds=&time=&geometry=&geometryType=esriGeometryEnvelope&inSR=&spatialRel=esriSpatialRelIntersects&relationParam=&outFields=* &returnGeometry=true&maxAllowableOffset=&geometryPrecision=&outSR=&returnIdsOnly=false&returnCountOnly=false&orderByFields=&groupByFieldsForStatistics=&outStatistics=&returnZ=false&returnM=false&gdbVersion=&returnDistinctValues=false&f=pjson

The value of &outSR is the Well Known ID (wkid) of the projection required. One popular wkid for latitude and longitude is WGS_1984 – this has a wkid of 4326. A full list of supported projections, coordinates and wkid’s can be found at <https://developers.arcgis.com/en/javascript/jsapi/spatialreference.html>

parkingcitationsJSON_xxx:

This returns the result of the query directly from the REST service.

Please refer to <http://www.json.org/> for information on the JSON file format.

Parking_CitationsREST:

This file navigates you to the ArcGIS REST Services Directory for the Parking Citations layer.

Please refer to [REST API](#) for information on how to use the REST API.

Dataset Assumptions

What technical and business assumptions are implied in the creation of this dataset? Examples could include the way in which a salary figure was calculated or data that was omitted for a specific reason.

General Parking Citation Locations are updated daily. Citations issued by City of Albuquerque as paper tickets may take longer than 24 hours to be entered.

Who Produced the Dataset?

Which department in the City produced this dataset? Note that this might not always be the data owner. An example of this could be a dataset that ITSD produced on behalf of EHD who owned the data.

The Information Technology Services Division (ITSD) manages the process that spatially enables Parking Citations.

GIS Team
Information Technology Services Division
Email: gis@cabq.gov

Who Manages the Data?

City of Albuquerque, Department of Municipal Development (DMD) Parking Division. The Information Technology Services Division (ITSD) manages the process that spatially enables Parking Citations.

Why was the Dataset Created?

ParkingCitationLocations was created to provide City of Albuquerque parking citation locations to the public.

How was the Dataset Created?

DMD parking citations are stored in a SQL Server database. The table is exported to an ArcSDE table daily. Text fields containing date values are converted during export. A view compares DMD's source data to the table containing the geocoded citations. This view contains all citations that have not been geocoded. These records are appended into a table that participates in a dynamic geocoder based on City of Albuquerque street centerlines. Newly added records are automatically geocoded. Finally, a spatially enabled view is created from the geocoded locations and the citation table to include the relevant citation data for each point.

What Similar or Related Data Should the User be Aware of?

Are there any other datasets available that may contain related or similar information? Might there be situations in which these other datasets might be a better alternative? This dataset is unique.

Please see the metadata file in each of the dataset folders for information on how to use the information.

The City of Albuquerque has other GIS information available. Below is a list of a few of the datasets that are available.

Bike Paths

<http://data.cabq.gov/community/bikepaths/BikePaths.kmz>

Neighborhoods

<http://data.cabq.gov/community/neighborhoods/NeighborhoodAssociations.kmz>

Open Space

<http://data.cabq.gov/community/openspace/CityOpenSpace.kmz>

<http://data.cabq.gov/community/openspace/OpenSpaceFoothillsTrails.kmz>

Police Beats

http://data.cabq.gov/publicsafety/policebeats/APD_BCSO_Beats.kmz

Transit Scheduled Route

<http://data.cabq.gov/transit/realtime/route/allroutes.kml>

<http://data.cabq.gov/transit/realtime/route/routeX.kml>

Where X is the route number between 1 and 9.

<http://data.cabq.gov/transit/realtime/route/routeXX.kml>

Where XX is the route number between 10 and 99

<http://data.cabq.gov/transit/realtime/route/routeXXX.kml>

Where XXX is the route number between 100 and 999.

<http://data.cabq.gov/transit/realtime/route/routeXXXX.kml>

Where XXXX is the route number between 1000 and 9999.

Bus Location and Direction

<http://data.cabq.gov/transit/realtime/>

Where you have folders for: image, route, trace.

Building Permits

<http://data.cabq.gov/business/buildingpermits/BuildingPermit.kmz>

FEMA Exemptions Certificates

http://data.cabq.gov/FEMA/FEMA_exemptions_CABQ.kmz

How Reliable are the Data?

This dataset is unofficial . It has been reproduced and spatially enabled from the official production data and is as spatially accurate as the ESRI tools, utilities, and geoprocessing models used to spatially enable the data.

How Well Have the Spatial Observations Been Checked?

Occasionally verified by the ITSD GIS Professionals.

Are there Legal Restrictions on the Access or Use of the Data?

Are there any specific legal or compliance restrictions for this data? How might this affect the way in which end users might access and use this data?

None

Legal Disclaimer

The City's standard copyright, disclaimers and legal statements may be found at <http://www.cabq.gov/about/legal>. The City data policy governing data.cabq.gov may be found at <http://data.cabq.gov/policy/>.