



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	Brendan Picker
Department/Division	Public Art
Phone	768-3566
Email	bpicker@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	Public Art
Short Description	Public Art on Display in the City of Albuquerque
Full Non-Technical Description	
Public Art on Display in 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/community/art/publicart/PublicArt.kmz>

http://data.cabq.gov/community/art/publicart/PublicArtJSON_ALL

<http://data.cabq.gov/community/art/publicart/PublicArtREST>

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:

<i>Field</i>	<i>Definition</i>
<i>Start Date</i>	<i>Start date of the time period within which this data falls. Format: MM/DD/YYYY HH:MM:SS.</i>
<i>End Date</i>	<i>End date of the time period within which this data falls. Format: MM/DD/YYYY HH:MM:SS.</i>
<i>Dataset Refresh Interval</i>	<i>Time period between Dataset refreshes. Format: “nn [seconds/minutes/hours/days/weeks/months/years]” or the word “Static” if never refreshed.</i>
<i>Data Expiration Date</i>	<i>Date after which the data must be considered stale and no longer of sufficient utility (fit-for-purpose). Format: MM/DD/YYYY HH:MM:SS.</i>
<i>Dataset Review Date</i>	<i>Date after which this dataset will be reviewed by the City for utility (fit-for-purpose) and usage. Format: MM/DD/YYYY HH:MM:SS.</i>
<i>Comments</i>	<i>Specific comments related to any time-specific features of this dataset.</i>

Start Date	1945
End Date	Present
Dataset Refresh Interval	JSON: Continuous – KMZ: updated as needed and posted to the web weekly
Dataset Expiration Date	Never
Dataset Review Date	As Needed
Comments	

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.

Please refer to <https://developers.google.com/kml/documentation/kmlreference> for information on the KML file format. The KMZ file described here contains one or more KML files zipped together.

The specific data elements described below are unique to the PublicArt.kmz file and are found in the KML element <description> <![CDATA[<html>. The data is embedded in an html table using standard HTML code for Table, Table Row, Table Header and Table data.

Field Name	Format	Description
PublicArt.kmz		
Name	Text	Placemark name
Field Name	Text	Table Header
Field Value	Text	Table Header
Art Code	Text	The code that identifies this piece of art – Table Data
Title	Text	Title of the piece of art – Table Data
Type	Text	The type of art. i.e. public sculpture – Table Data
Year	Text	Year the art was put on display – Table Data
Artist	Text	The name of the artist that created the piece of art – Table Data
Address	Text	The street address where the piece of art is located – Table Data
Location	Text	The name of the location where the art is located – Table Data
Shape	Text	General shape of the art
Image_URL	Text	The URL address of the Flickr page – Table Data
JPG_URL	Text	The URL where the image on Flickr – Table Data
PublicArtJSON_ALL		
ART CODE	Text	The code that identifies this piece of art
TITLE	Text	Title of the piece of art
TYPE	Text	The type of art. i.e. public sculpture

YEAR	Text	Year the art was put on display
ARTIST	Text	The name of the artist that created the piece of art
ADDRESS	Text	The street address where the piece of art is located
LOCATION	Text	The name of the location where the art is located
X	Numeric	X coordinate (wkid 4326)
Y	Numeric	Y coordinate (wkid 4326)
Image_URL	Text	The URL address of the Flickr page
JPG_URL	Text	The URL where the image on Flickr

REST Format

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

The **PublicArtREST** file takes you to the ArcGIS REST Services Directory for the Public Art layer. Here you find the REST Metadata for the Public Art 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 **Public Art** layer.

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 **PublicArtJSON** files. Each **PublicArtJSON** in the directory listing will take you to the query results described in the file name.

For Example:

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

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

KML Format

Please refer to <https://developers.google.com/kml/documentation/kmlreference> for information on the KML file format. The KMZ file described here contains one or more KML files zipped together.

The specific data elements described above are unique to the CityParks.kmz file and are found in the KML element <description> <![CDATA[<html>. The data is embedded in an html table using standard HTML code for Table, Table Row, Table Header and Table data.

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/PublicArt/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=json

http://coagisweb.cabq.gov/arcgis/rest/services/public/PublicArt/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=json

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>

PublicArtJSON _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.

PublicArtREST:

This file navigates you to the ArcGIS REST Services Directory for the Public Art layer.

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

KMZ File

This file complies with the Google Earth standard for kml files.

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.

Public artwork locations are entered by Cultural Services and exported to a csv file with coordinate values. These coordinates are used to create a geospatial dataset. The process that reads and converts the csv file runs daily, whether or not changes have been made by Public Art.

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.

Brendan Picker, City of Albuquerque Cultural Services manages data content.

The Information Technology Services Division (ITSD) manages the process that spatially enables Pubic Art locations.

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

Who Manages the Data?

Where did this data originate? Who owns the data used in this dataset? Note that this might not always be the dataset producer. An example of this could be a dataset that ITSD produced on behalf of EHD who owned the data.

City of Albuquerque Cultural Services manages the data content. The Information Technology Services Division manages the process that spatially enables public art locations.

Why was the Dataset Created?

All datasets should have an explicit reason for existence and should, somehow, have value to someone. What is the perceived value that this dataset will bring?

The dataset was created to provide a map of the public art on the City website.

The process was created to provide Public Art location updates within 24 hours. It also adds the ability to consume the data as JSON. The ArcGIS Server service can also be consumed for the City's ArcGIS Online Public Art Map, bypassing any data caching issue not controlled by the City of Albuquerque.

How was the Dataset Created?

How was this dataset produced? Was it a manual process? An automated process? What were the main IT systems involved in producing this dataset?

The kmz file was created by exporting data from the Public Art Division's Public Art Database.

Cultural Services maintains a database with records for public art within the City of Albuquerque. When it is updated, the records are exported to a comma separated value file (csv) and stored at <http://www.cabq.gov/culturalservices/public-art/documents/ABQPublicArtMap.csv>. The City's ITSD Applications Group GIS developed a process to read the online csv and convert it into two additional geospatial formats using the coordinates supplied by Cultural Services.

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?

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

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>

Parks

<http://data.cabq.gov/community/parksandrec/parks/CityParks.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?

Are there any concerns about overall data reliability? Are there any data problems that the user needs to be aware of? Are there any constraints with data accuracy? What levels of confidence with this dataset could the user reasonably assume?

Data are continuously updated. Coordinates are supplied by Cultural Services.

How Well Have the Observations Been Checked?

What quality assurance steps have been performed? Sometimes, a third-party verification/audit process may also be required. If so, provide the name of the third-party who performed the verification.

Cultural Services oversees the management of public artworks for the City of Albuquerque make updates accordingly when artwork is added to the collection, moved to a new location or removed from the collection.

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/>.