**Percent of Commercial buildings to Total Grid Cell Acreage**

**Summary**

The purpose of this map is to the percent of commercial buildings to the total grid cell acreage for the parcels in each grid cell.

**Description**

This map contains the percent of commercial buildings to the total grid cell acreage for each grid cell.

**Credits**

The data for this map was collected by the City of San Marcos, Department of GIS.

**ArcGIS Metadata**

**Topics and Keywords**

 **Themes or categories of the resource:** Planning Cadastral

 **Place Keywords:** San Marcos, city of San Marcos, San Marcos, Texas

 **Theme Keywords:** city grid cells, parcels

 **Citation**

 **Title** Percent of Commercial buildings to the Total Grid Cell Acreage

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 **Layers used:** Parcels, City\_Grid

 **Citation Contacts**

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**How?**

We used the select by attributes to the “category” field for each building layer to be either institutional, governmental, or commercial, to make a master layer called “Buildings Daytime”. We clipped each specific grid cell to the master layer to show each and every commercial building in that gridcell. Then using the calculate geometry button switched the acreage field to “Acres US” and totaled each commercial buildings acreage and the total acreage of each gridcell (using the calculate geometry button again for “acres US”). Taking the total commercial buildings acreage dividing it by the total acreage and multiplying it by 100 we found the percent of commercial buildings acreage to total grid acreage.

**Why?**

We calculated the Percent of Commercial buildings to Total Grid Cell Acreageto compare the two for the entire City of San Marcos grid cell.

**Metadata Contact**

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