

Google Maps

&

Google Fusion Tables



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FOPEA - Córdoba
Mayo de 2014

2011DiF-PASO-General Andy Tow

File View Edit Visualize Merge Experiment

Showing all rows [options](#) 1 - 100 of 531 [View](#)

| INDRA | 0101 | 0104 | 0107 | 0102 | 0103 | 0105 |
|-------|------|-------|-------|--------|-------|-------|
| 01001 | 4.92 | 11.04 | -0.44 | -12.72 | 0.42 | -0.49 |
| 01002 | 3.59 | 16.07 | -0.86 | -18.48 | 2.65 | -0.62 |
| 01003 | 5.45 | 10.88 | -0.17 | -9.92 | -1.36 | -0.73 |
| 01004 | 5.21 | 9.91 | 0.00 | -9.12 | -1.92 | -0.41 |
| 01005 | 5.19 | 12.42 | -0.70 | -9.91 | -1.58 | -1.06 |
| 01006 | 5.02 | 15.15 | -1.12 | -11.97 | -1.40 | -1.21 |
| 01007 | 5.15 | 13.14 | -0.60 | -10.39 | -1.99 | -0.89 |
| 01008 | 5.75 | 8.47 | 0.51 | -8.64 | -2.59 | -0.10 |
| 01009 | 5.50 | 11.55 | 0.02 | -9.66 | -3.10 | -0.49 |
| 01010 | 5.45 | 13.57 | -0.69 | -10.16 | -2.89 | -0.66 |
| 01011 | 4.99 | 14.94 | -0.84 | -11.59 | -2.15 | -0.95 |
| 01012 | 4.69 | 15.19 | -0.67 | -11.70 | -2.00 | -0.88 |
| 01013 | 4.02 | 18.35 | -1.31 | -16.03 | -0.06 | -0.94 |
| 01014 | 4.29 | 16.51 | -1.25 | -16.86 | 0.87 | -1.07 |
| 01015 | 5.35 | 12.86 | -0.94 | -9.75 | -2.08 | -1.18 |
| 02001 | 6.87 | 4.89 | -2.68 | -6.35 | -0.90 | 0.01 |
| 02002 | 2.53 | 6.98 | 0.26 | -9.98 | 0.72 | 0.61 |
| 02003 | 1.51 | 5.15 | -0.76 | -5.77 | 2.69 | 0.29 |

Google Maps

<http://maps.google.com>

- Es un servicio de mapas accesibles por navegador web (dispositivos de escritorio, portátiles, móviles)
- Integrado con servicios Google (Google Earth, Map Maker, Street View, Fusion Tables)

Google Fusion Tables

<http://www.google.com/fusiontables/Home/>

- Es un servicio Google Docs de tablas o relaciones accesibles por navegador web
- Permite crear, almacenar, compartir, exportar, consultar y combinar datos por la web

Google Maps

&

Google Fusion Tables

Creación de mapas para visualización de datos



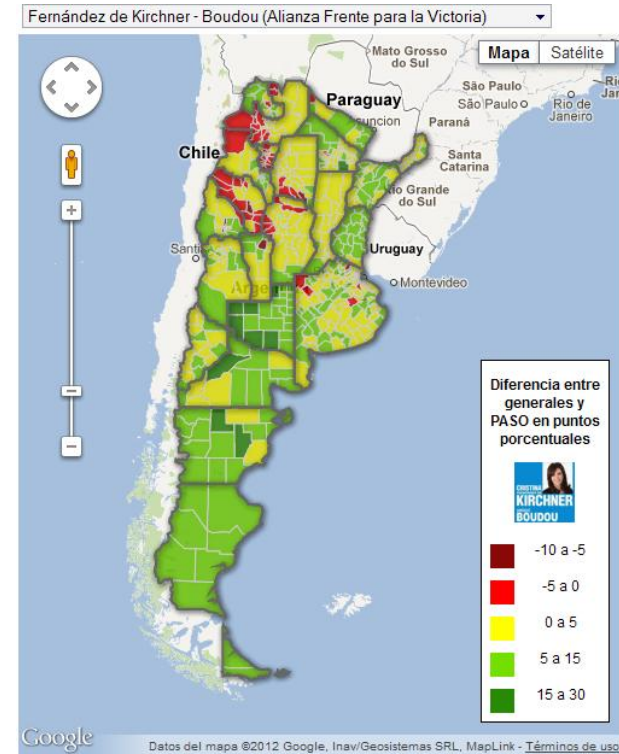
+

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Showing all rows [options](#) 1 - 100 of 531 [Next](#)

| INDRA | 0101 | 0104 | 0107 | 0102 | 0103 | 0105 |
|-------|------|-------|-------|--------|-------|-------|
| 01001 | 4.92 | 11.04 | -0.44 | -12.72 | 0.42 | -0.49 |
| 01002 | 3.59 | 16.07 | -0.06 | -10.48 | 2.65 | -0.62 |
| 01003 | 5.45 | 10.88 | -0.17 | -9.92 | -1.36 | -0.73 |
| 01004 | 5.21 | 9.91 | 0.00 | -9.12 | -1.92 | -0.41 |
| 01005 | 5.19 | 12.42 | -0.70 | -9.91 | -1.58 | -1.05 |
| 01006 | 5.02 | 15.15 | -1.12 | -11.97 | -1.40 | -1.21 |
| 01007 | 5.15 | 13.14 | -0.60 | -10.39 | -1.99 | -0.99 |
| 01008 | 5.75 | 8.47 | 0.51 | -8.64 | -2.59 | -0.10 |
| 01009 | 5.50 | 11.55 | 0.02 | -9.66 | -3.10 | -0.49 |
| 01010 | 5.45 | 13.57 | -0.68 | -10.16 | -2.89 | -0.86 |
| 01011 | 4.99 | 14.94 | -0.04 | -11.59 | -2.15 | -0.95 |
| 01012 | 4.69 | 15.19 | -0.67 | -11.70 | -2.00 | -0.88 |
| 01013 | 4.02 | 10.35 | -1.31 | -16.03 | -0.06 | -0.94 |
| 01014 | 4.29 | 16.51 | -1.25 | -15.86 | 0.07 | -1.07 |
| 01015 | 5.35 | 12.86 | -0.94 | -9.75 | -2.08 | -1.18 |
| 02001 | 6.87 | 4.89 | -2.68 | -6.35 | -0.90 | 0.01 |
| 02002 | 2.53 | 6.98 | 0.25 | -9.98 | 0.72 | 0.61 |
| 02003 | 1.51 | 5.15 | -0.76 | -5.77 | 2.69 | 0.20 |

=



<http://towsa.com/wordpress/2011/10/29/subas-y-bajas/>

Componentes de un GoogleMap de datos

1. **KML** : polígonos de formato Keyhole Markup Language
2. **Data**: valores numéricos o alfanuméricos correspondientes a las unidades geográficas definidas por los polígonos. En hojas de cálculo y bases de datos públicas y privadas.



| INDEC | PROV | DEPARTAMTO | X | Y | Z |
|-------|----------|------------------|-----|------|------|
| 82007 | Santa Fe | Belgrano | 0,7 | 19,3 | 9,4 |
| 82014 | Santa Fe | Caseros | 1,1 | 15,9 | 10,1 |
| 82021 | Santa Fe | Castellanos | 2,4 | 24,4 | 8,8 |
| 82028 | Santa Fe | Constitución | 3,1 | 24,4 | 12,2 |
| 82035 | Santa Fe | Ensay | 3,1 | 24,4 | 5,3 |
| 82042 | Santa Fe | General López | 3,1 | 24,4 | 22,4 |
| 82049 | Santa Fe | General Obligado | 3,1 | 24,4 | 5,7 |
| 82056 | Santa Fe | San Lorenzo | 1,1 | 15,9 | 9,1 |
| 82063 | Santa Fe | La Capital | 2,4 | 24,4 | 6,1 |
| 82070 | Santa Fe | Las Colonias | 3,3 | 24,2 | 6,6 |
| 82077 | Santa Fe | 9 de Julio | 3,3 | 24,2 | 7,5 |
| 82084 | Santa Fe | Rosario | 3,3 | 24,2 | 8,0 |
| 82091 | Santa Fe | San Cristóbal | 3,3 | 24,2 | 6,2 |
| 82098 | Santa Fe | San Javier | 3,3 | 24,2 | 3,7 |
| 82105 | Santa Fe | San Jerónimo | 3,3 | 24,2 | 6,2 |
| 82112 | Santa Fe | San Justo | 3,3 | 24,2 | 4,1 |
| 82119 | Santa Fe | San Lorenzo | 3,3 | 24,2 | 9,4 |
| 82126 | Santa Fe | San Martín | 1,2 | 22,1 | 6,8 |
| 82133 | Santa Fe | Vera | 5,2 | 8,4 | 8,3 |

Fusion Tables KML desde .shp

<http://www.shpescape.com/>

Shape Escape - Mozilla Firefox

Archivo Editar Ver Historial Marcadores Herramientas Ayuda

Shape Escape

www.shpescape.com

Más visitados Export Twitter Friends... Primeros pasos Últimas noticias Diccionario de la leng... Jugar a Oloko

Shape Escape

824 shapefiles uploaded in the last few days.

shp 2 fusion tables

shp 2 geoJSON topoJSON

Site by Josh Livni. Source code available at <http://code.google.com/p/shpescape/>

Shape Escape

Upload a zip archive of one (or more) shapefiles for import into Google Fusion Tables

Upload a Zipped Shapefile: Examinar...

Advanced Options

Create a Centroid Geometry column

Create a Simplified Geometry column

Upload

Notes:

- Your zipfile archive must include a *prj*, *shp*, *shx*, and *dbf* file for each shapefile
- You are limited to 200MB in total storage on Google Fusion Tables
- This application will upload a maximum of 100k rows
- If you have questions, leave a [comment](#)

limite_municipal_1996.zip - a

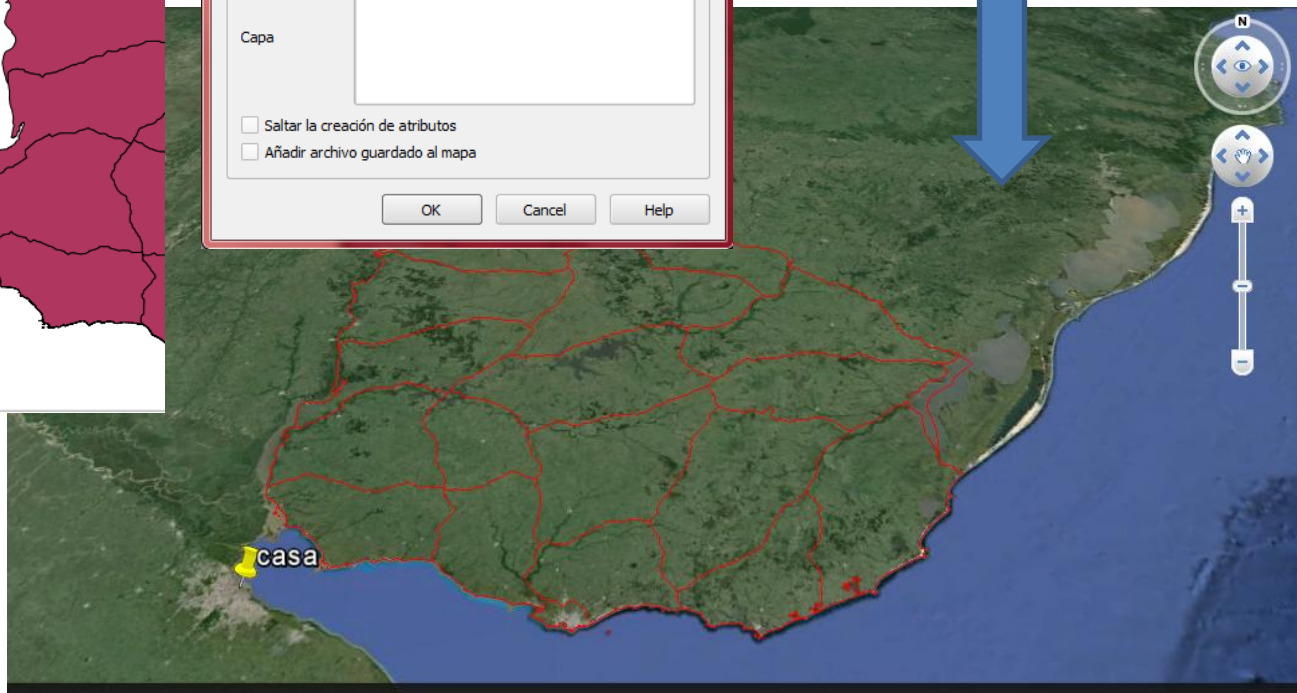
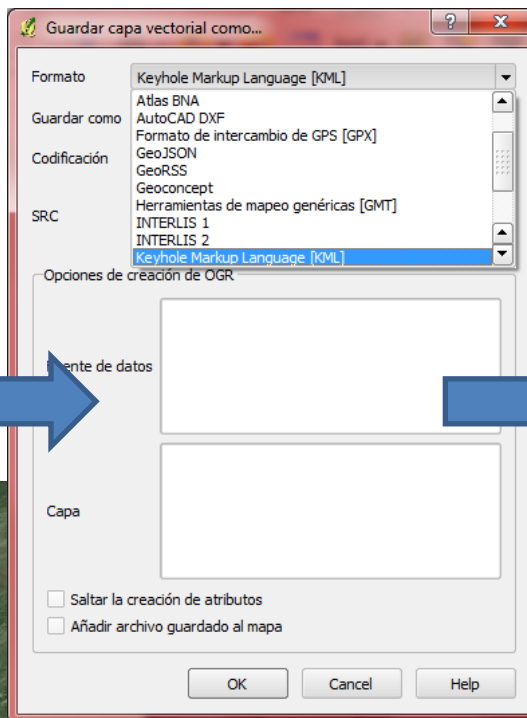
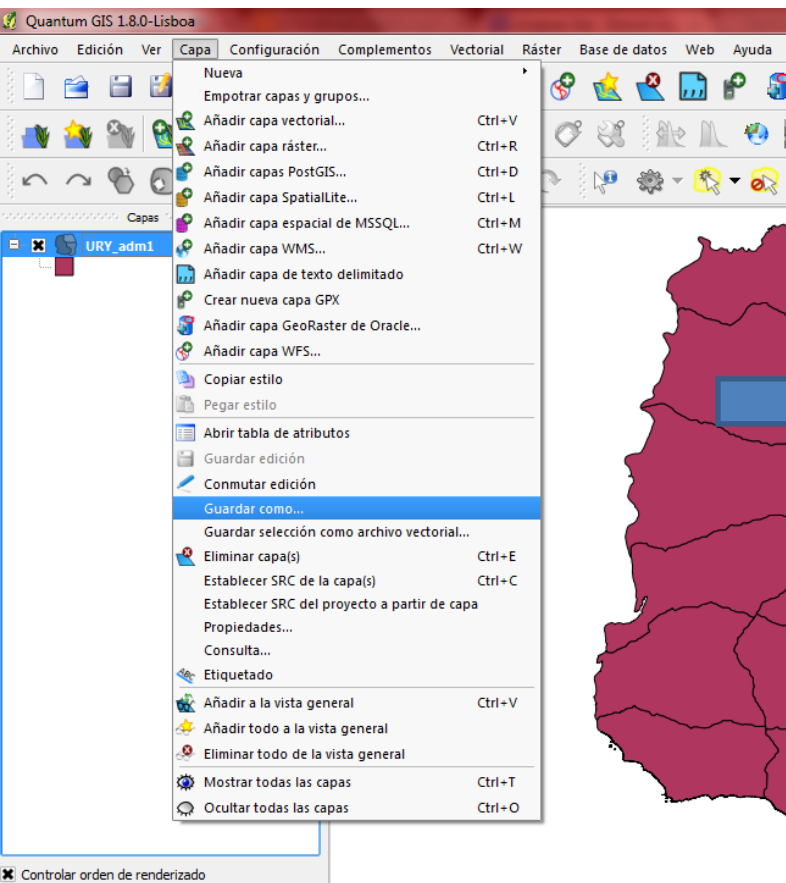
Nombre

- limite_municipal_1996.bt
- limite_municipal_1996.shx
- limite_municipal_1996.shp.xml
- limite_municipal_1996.shp
- limite_municipal_1996.sbx
- limite_municipal_1996.sbn
- limite_municipal_1996.prj
- limite_municipal_1996.dbf

Seleccionado 4.544 Total 4.575.482

Fusion Tables KML desde .kml (1)

<http://www.qgis.org/es/site/>



Fusion Tables KML desde .kml (2)

Drive

Mi unidad

CREAR

- Carpeta
- Documento
- Presentación
- Hoja de cálculo
- Formulario
- Dibujo

Tabla dinámica (exp...)

Conectar más aplicaciones

https://www.google.com/fusiontables/data?docid=1A6e8sQaQ4eIOG5UllqrC

URUGUAY_departamentos

Imported at Wed Mar 12 07:51:52 PDT 2014 from URUGUAY_departamentos.kml. [more >>](#)
Edited at 11:51 AM

File Edit Tools Help Rows 1 Cards 1 Map of geometry

Filter No filters applied

1-19 of 19

| description | name | ID_0 | ISO | NAME_0 | ID_1 | NAME_1 | HASC_1 | TYPE_1 |
|-------------|------|------|-----|---------|------|-------------|--------|--------------|
| | | 02 | URY | Uruguay | 3172 | Artigas | UY.AR | Departamento |
| | | 03 | URY | Uruguay | 3173 | Canelones | UY.CA | Departamento |
| | | 04 | URY | Uruguay | 3174 | Cerro Largo | UY.CL | Departamento |
| | | 05 | URY | Uruguay | 3175 | Colonia | UY.CO | Departamento |
| | | 06 | URY | Uruguay | 3176 | Durazno | UY.DU | Departamento |
| | | 07 | URY | Uruguay | 3177 | Florida | UY.FL | Departamento |
| | | 08 | URY | Uruguay | 3178 | Florida | UY.FL | Departamento |
| | | 09 | URY | Uruguay | 3179 | Lavalleja | UY.LA | Departamento |
| | | 10 | URY | Uruguay | 3180 | Maldonado | UY.MA | Departamento |
| | | 01 | URY | Uruguay | 3181 | Montevideo | UY.MO | Departamento |
| | | 11 | URY | Uruguay | 3182 | Payson | UY.PA | Departamento |
| | | 12 | URY | Uruguay | 3183 | Río Negro | UY.RN | Departamento |
| | | 13 | URY | Uruguay | 3184 | Rivera | UY.RI | Departamento |
| | | 14 | URY | Uruguay | 3185 | Rocha | UY.RO | Departamento |
| | | 15 | URY | Uruguay | 3186 | Salto | UY.SA | Departamento |
| | | 16 | URY | Uruguay | 3187 | San José | UY.SJ | Departamento |

Import new table

From this computer

Google Spreadsheets

Create empty table

You can upload spreadsheets, delimited text files (.csv, .tsv, or .txt), and Keyhole Markup Language files (.kml) [Learn more](#)

Or search public data tables

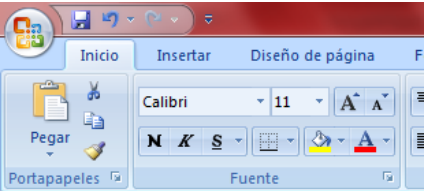
New to Fusion Tables?

Take a peek! [Play with a data set](#) or [try a tutorial](#).

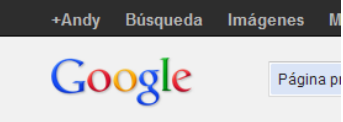
Cancel « Back Next »



Creación de un Google map temático simple



| ID | NAME | POB2011 |
|----|----------------|---------|
| 02 | Artigas | 73377 |
| 03 | Canelones | 520173 |
| 04 | Cerro Largo | 84698 |
| 05 | Colonia | 123203 |
| 06 | Durazno | 57084 |
| 07 | Flores | 25050 |
| 08 | Florida | 67047 |
| 09 | Lavalleja | 58815 |
| 10 | Maldonado | 164298 |
| 01 | Montevideo | 1318755 |
| 11 | Paysandú | 113107 |
| 12 | Río Negro | 54765 |
| 13 | Rivera | 103473 |
| 14 | Rocha | 68088 |
| 15 | Salto | 124861 |
| 16 | San José | 108304 |
| 17 | Soriano | 82594 |
| 18 | Tacuarembó | 90051 |
| 19 | Treinta y Tres | 34 |



Documentos

CREAR

- Documento
- Presentación

Import new table

- From this computer
- Google Spreadsheets
- Create empty table

Merge

FT-Data **FT-KML**

This table URUGUAY departamentos

| ID | ID_0 |
|----|------|
| 02 | 02 |
| 03 | 03 |
| 04 | 04 |
| 05 | 05 |
| 06 | 06 |
| 07 | 07 |
| 08 | |
| 09 | |
| 10 | |
| 01 | |

Matching values in these more

Cancel

Change map styles

- Points
 - Marker icon
- Polygons
 - Fill color
 - Border color
 - Border width
- Lines
 - Line color
 - Line width

Change map feature styles

Polygon background colors

Fixed Column Buckets Gradient

Fill color

Border color

Border width

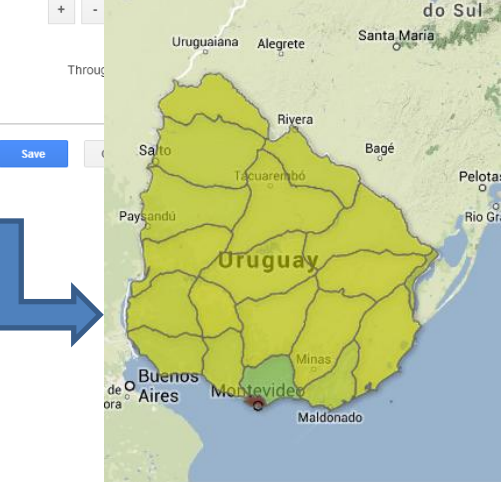
Lines

Line color

Line width

Legend

Automatic legend

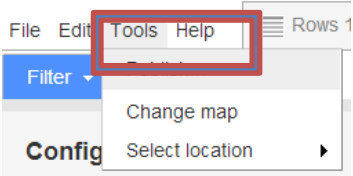


New to Fusion Tables?

Take a peek! [Play with a data set](#) or [try a tutorial](#).

Cancel « Back Next »

Publicación de un Google map temático simple



Publish

This table is private and will not be visible to the public. [Change visibility](#)

Send a link in email or IM

<https://www.google.com/fusiontables/embedviz?q=select+col14%3E9>

Paste HTML to embed in a website

```
<iframe width="500" height="300" scrolling="no" frameborder="no" style="border: none; width: 100%; height: 100%; margin: 0; padding: 0;" src="https://www.google.com/fusiontables/embedviz?q=select+col14%3E9"></iframe>
```

Width Height

▶ Get HTML and JavaScript



Configuración de uso compartido

- Público en la Web**
Cualquier usuario de Internet puede encontrar los elementos y acceder a ellos. No es necesario iniciar sesión.
- Cualquier usuario que reciba el vínculo**
Cualquier persona que tenga el vínculo puede acceder. No es necesario iniciar sesión.
- Usuarios específicos**
Solo pueden acceder las personas a las que se les otorgó el permiso explícito.

Acceso: Cualquier usuario (no requiere inicio de sesión) Puede ver

Publish

Send a link in email or IM

<https://www.google.com/fusiontables/embedviz?q=select+col14%3E9>

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```

Width Height

▼ Get HTML and JavaScript

This code uses the Google Maps API. [Learn more](#)

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport"></meta>
<title>Merge of URY_adm1 and URUGUAY_departamentos - Google Fusion Tables</title>
<style type="text/css">
html, body, #google-mapCanvas {
height: 300px;
margin: 0;
}
```

