

8888888b.	888	888	888b	d888															
888	Y88b	888	888	8888b	d8888														
888	888	888	888	88888b.	d88888														
888	d88P	888	888	.d88b.	.d88b.	8888b.	88888b.	.d8888b											
8888888P"	888	888	888	d88P"88b	d88P"88b	"88b	888	"88b	888	Y8888P	888	"88b	888	"88b	88K				
888	888	888	888	888	888	.d888888	888	888	888	888888888	888	Y8P	888	.d888888	888	888	"Y8888b.		
888	888	Y88b	888	Y88b	888	888	888	888	888	d88P	888	Y8b.	888	"	888	888	888	d88P	X88
888	888	"Y88888	"Y88888	"Y88888	"Y88888	"Y888888	888888P"	888	"Y8888	888	888	"Y888888	888888P"	888888P'					
		888	888										888						
		Y8b	d88P	Y8b	d88P								888						
		"Y88P"	"Y88P"										888						

a @LATdatadesk joint



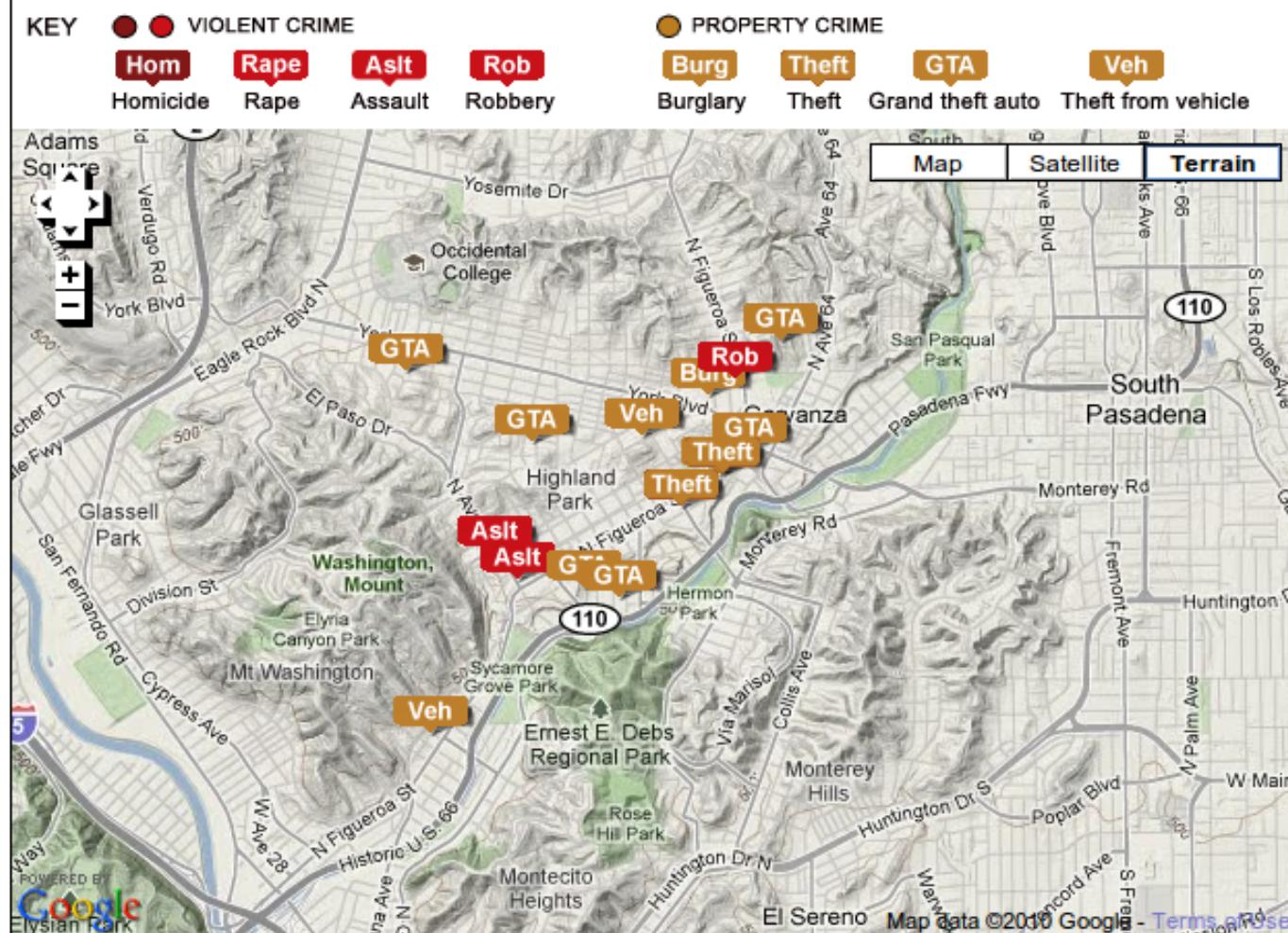
The Data Desk is a team of reporters and web developers in #DTLA.



We make maps.



Highland Park

ALERTProperty crime reports are up significantly. [About »](#)[PROFILE](#)[CRIME](#)[SCHOOLS](#)[COMMENTS](#)

← DRAG THE TIMELINE TO SEE MORE CRIMES →

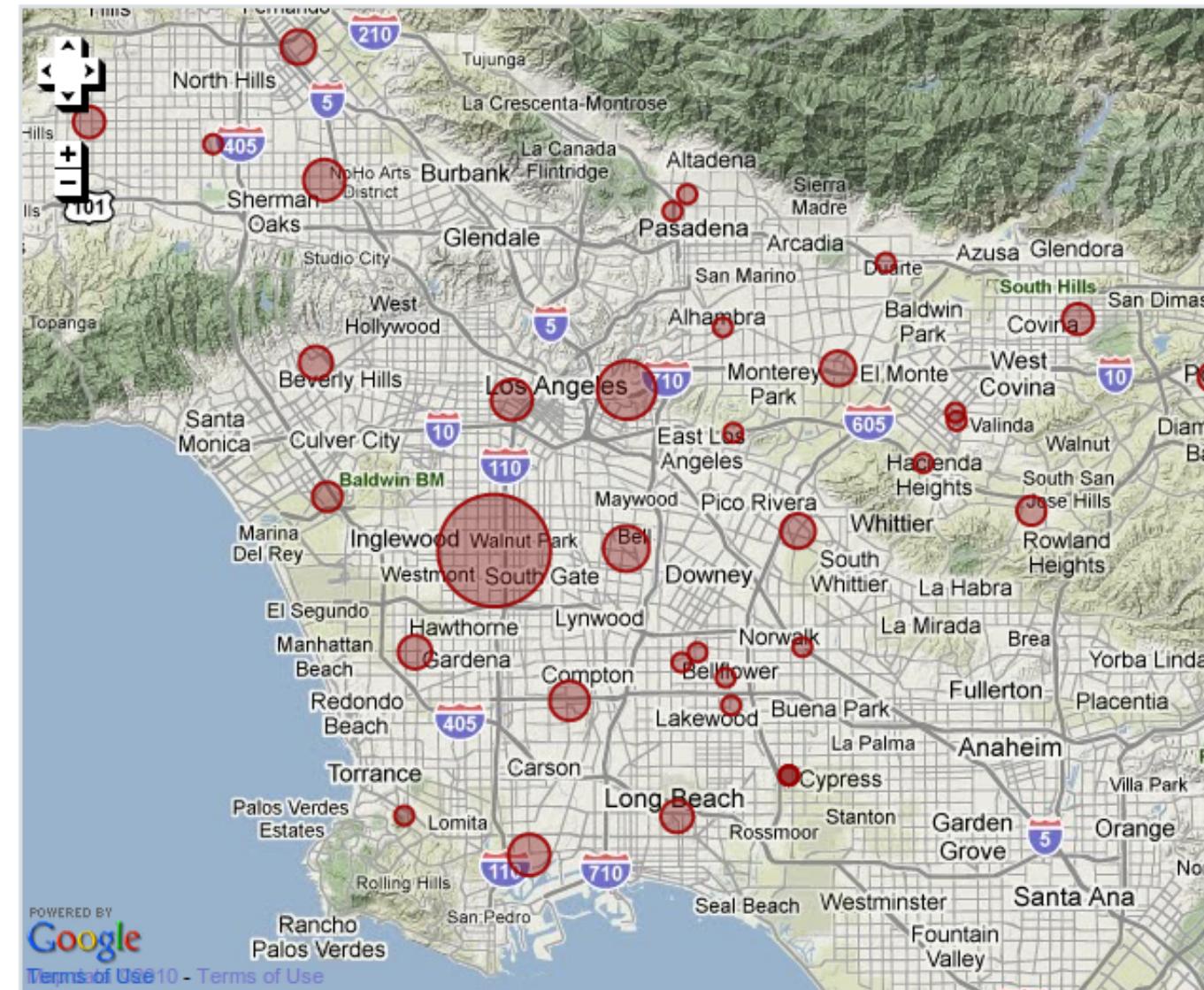


The Homicide Report

THE TIMES CHRONICLES L.A. COUNTY HOMICIDE VICTIMS

Showing 567 homicides from Jan. 1, 2010 to Dec. 6, 2010

Current view: 2010

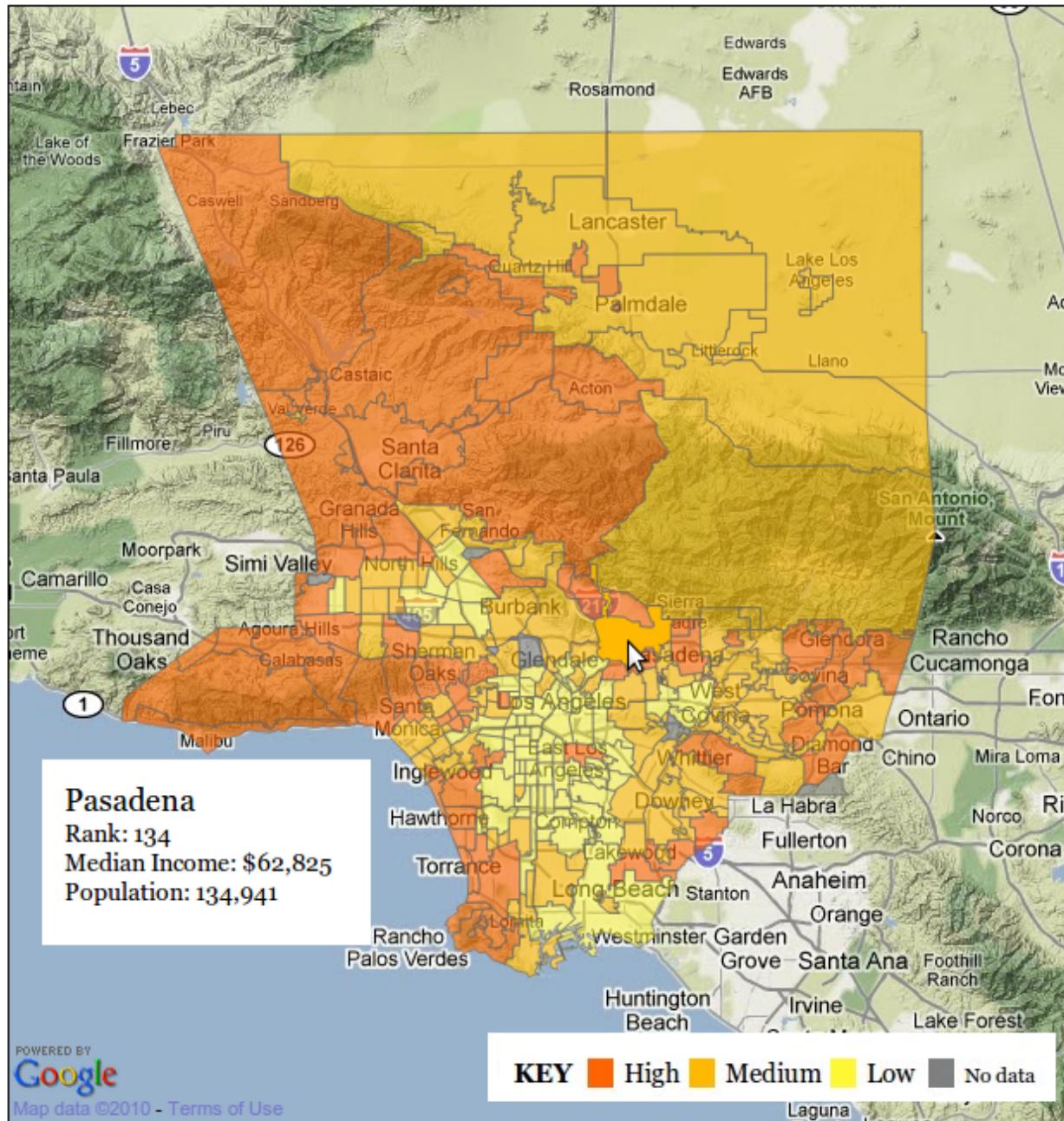


Name	Age	Date
Santos Turcios	49	12/6/10
Davit Khacikyan	27	12/6/10
Robert Gonzales	41	12/4/10
Vincent Zamorano	49	12/4/10
Andy Hernandez	16	12/2/10
Delbert Moore	20	12/1/10
Russell Goodwin	50	12/1/10
Ahmid Kabba Jr.	30	11/30/10
Jesus Vasquez	49	11/30/10
Johnny Carbajal	27	11/29/10
Jacqueline Molina	33	11/29/10
Herbert White	49	11/29/10
Ernesto Aguilar	18	11/28/10



Median Income

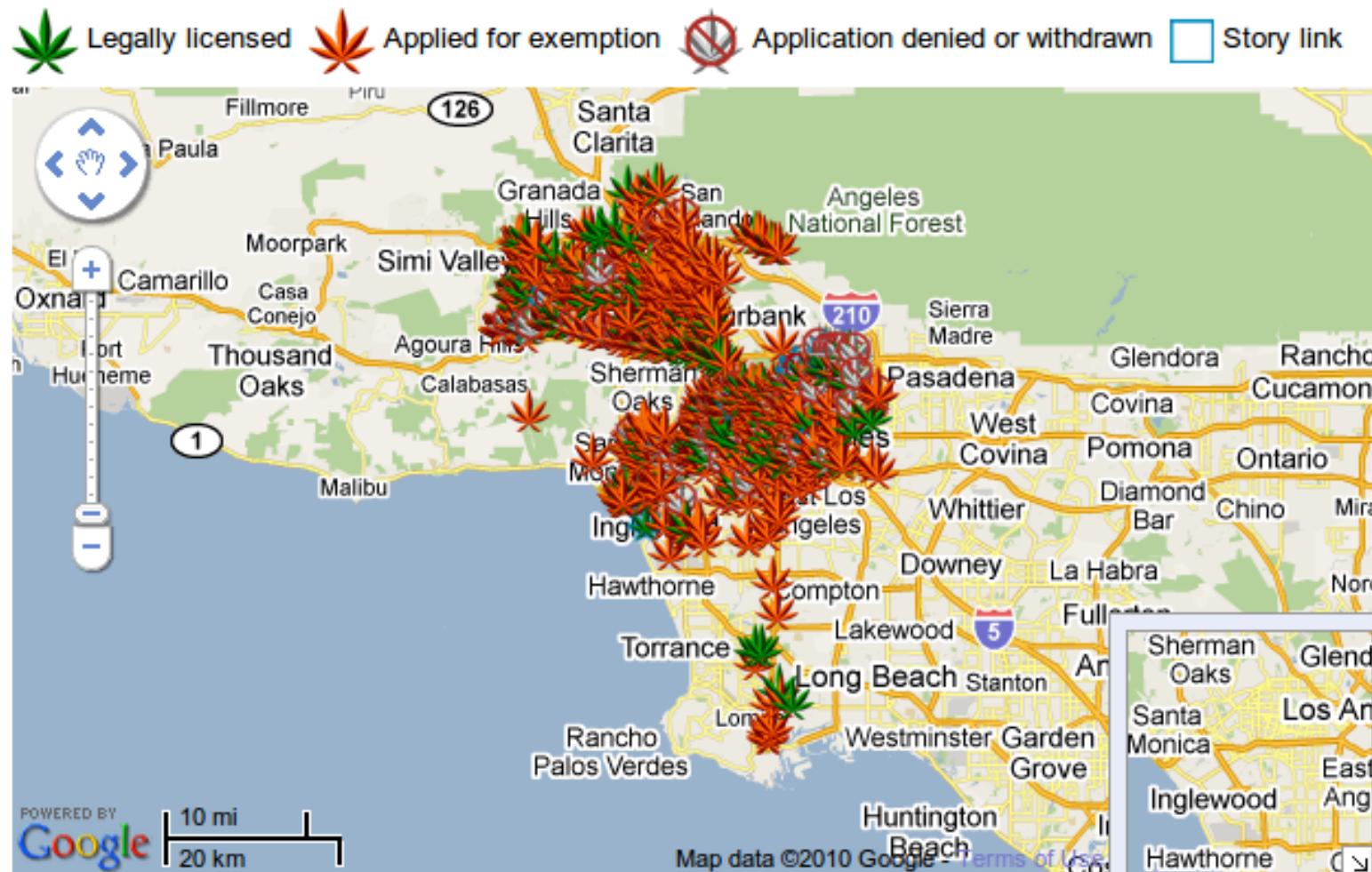
Select one of L.A.'s 272 neighborhoods to see where it ranks



Where's the weed?

Before a 2007 moratorium, the city of Los Angeles had issued 186 medical marijuana dispensary licenses. Since the moratorium, nearly 800 applications for hardship exemptions have been filed. Many of the applications are no more than paper filed to secure future rights. Among those are the 58 registered at 8619 Reseda Blvd.

Dispensary licenses and applications in the city of Los Angeles



View by region:

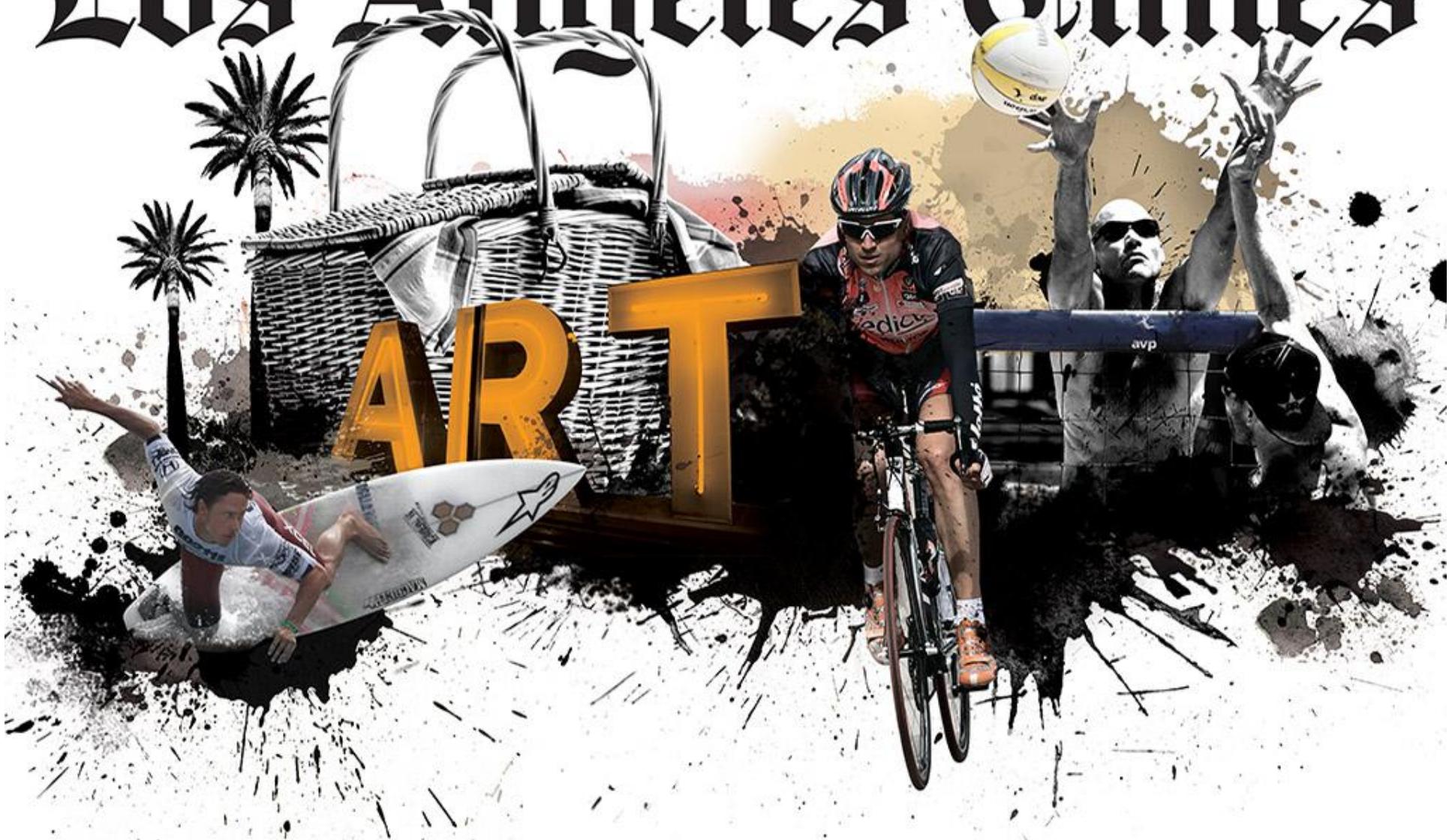
Select Region ▾

Zoom to:

Address or intersection or ZIP code

Enter Address

Los Angeles Times



We do other things, too.

California's War Dead

Military deaths in Iraq and Afghanistan, 2001-Present



Lawrance J. Carter, 25

We stared at each other in our turrets and exchanged a few words of motivation -- 'You ready, little brother?' 'Let's do this, big brother.' I mourn his loss, and the actions of that day are still fresh in my mind and will probably never leave my eyes. My only wish is to rewind that day and tell him how good of a friend and leader he was to me.

—Pfc. Tam Pham, in an e-mail to Carter's family

“ ”

[See all »](#)

[Search Last Name](#)

Total killed as of December 8, 2010:

619

Teacher	School years / Grade taught						
	2009	2008	2007	2006	2005	2004	2003
Most effective value-added teachers							
Aguilar, Miguel	5th	5th	4th	4/5	4/5	-	
Crouzet, Didier	5th	4th	5th	2nd			
Davila-Ramirez, Veronica	3rd	3rd	3rd	3rd	3rd	2nd	2nd
Hollenbach, Dianne	5th	5th	5th	4th	5th	4th	4th
Maund, Carol		5th	3/4/5				
Mosley, Edgar	3rd	5th	5th	5th	5th	5th	5th
More effective than average value-added teachers							
Alas, Sandra				4/5	5th	5th	4/5
Fenske, Helen	4th	4th	4th	5th	3rd	3rd	3rd
Jonas, Allison					4/5		5th
Law, James			4th	4th	4th	5th	4th
Rowan, Lori	4th	4th	4th	4th	4th	4th	3rd
Less effective than average value-added teachers							
Wilson Callaway, Laquita	3rd	3rd	3rd	3rd	3rd	2/3	3rd
Least effective value-added teachers							
Fischer, Jack	2nd	3rd	2nd	3rd	3rd	3rd	3rd
Higa, Parrish	4th	3/4	3rd	3rd	-	-	4/5
Hill, James	4th	4th	5th	5th	5th	5th	4th
Martinez, Mary	3rd	3rd	3rd	3rd	2/3	3rd	2nd
Smith, John	5th	5th	3rd	4th	4th	4th	4th
Zacks, Melinda	-						

[» IT'S A WAR](#) [» INTERACTIVE MAP](#) [» MULTIMEDIA GALLERY](#) [» VIDEO Q&A](#)

[» COMPLETE SERIES](#)

'IT'S A WAR'

— Mexican President Felipe Calderon

28,228

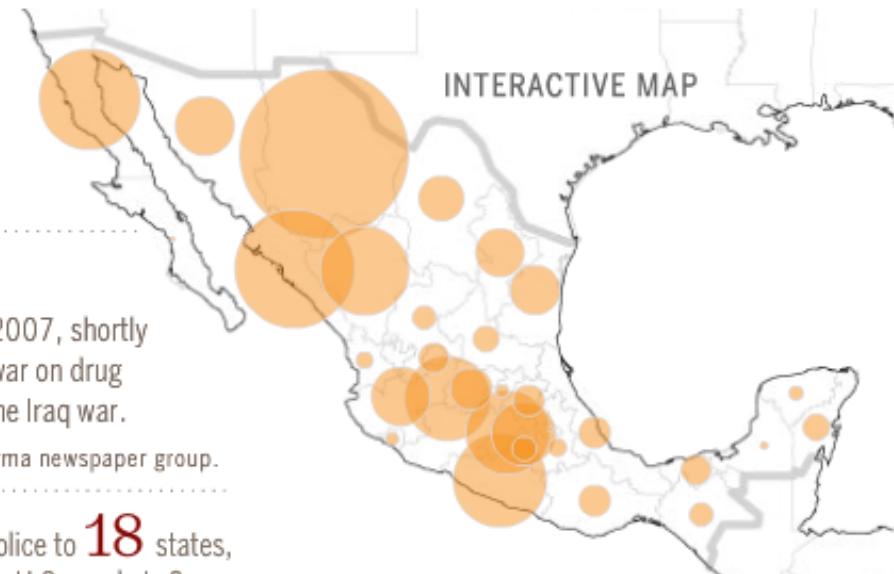
DRUG-WAR-RELATED DEATHS
SINCE JANUARY 2007

The estimated number of people who have died in drug-related violence in Mexico since the start of 2007, shortly after Mexican President Felipe Calderon declared war on drug traffickers. That's more than the U.S. fatalities in the Iraq war.

Source: University of San Diego Trans-Border Institute analysis of data from Agencia Reforma newspaper group.

Calderon has deployed about **45,000** troops and **5,000** federal police to **18** states, where trafficking groups are fighting local authorities and battling for access to the U.S. market. Guns purchased in the United States have been flowing south, while cartel-linked crime has spread north.

A team of Los Angeles Times reporters has been covering the war from both sides of the border since June 2008.



MULTIMEDIA



RECENT STORIES

Youth sought in Mexico killings arrested

December 04, 2010

Edgar Jimenez Lugo, who authorities said was born in San Diego, was wanted on suspicion of killing r... [more](#)

JOIN THE CONVERSATION

“ You have to allow for three scenarios: One, they just flat-out shoot you. Two, they kidnap you and torture you. And three, they kidnap y... **”**

- John Epick, private investigator looking into disappearances in Baja California.

Hollywood Star Walk

a virtual tour of the sidewalks of Hollywood

ABOUT ▾ CATEGORIES ▾ SEARCH

Star Name

GO

Buster Keaton

 CLOSE

TV | FILM

Born Oct. 4, 1895 in Piqua, KS

Died Feb. 1, 1966 in Woodland Hills, CA

Buster Keaton was born with the movies in 1895. He learned his timing and honed his comic instincts in vaudeville, beginning at age 5 as the youngest member of the Three Keatons. His parents, Joe and Myra, used their child as a prop; he was, his biographer Jeffrey Vance writes, "routinely thrown about the stage, and occasionally into the audience, by his irascible..."



CATEGORIES

Funny People »

Oscar Winners »

Silent Screen Stars »

 RELATED STARS

[Read more»](#)



CHEROKEE AVE

HOLLYWOOD BLVD

WHITLEY AVE

Los Angeles Ti... ▾

12:00

Ev



Schwarzenegger to propose spending \$500 million for worker training

By Michael Rothfeld

January 6, 2010



Gov. Arnold Schwarzenegger today will lay out plans to spend \$500 million in worker training in an effort to create 100,000 jobs, along with other



```
$ python
Python 2.6.6 (r266:84292, Sep 15 2010, 16:22:56)
[GCC 4.4.5] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>> import django
>>> █
```

We build things with Django, which is in Python.



OpenLayers

Google
Maps Earth

KML

GML

WKT

GeoJSON

GeoRSS

geodjango



GDAL

GEOS

PROJ.4

PostGIS



Spatial PostgreSQL

ORACLE®



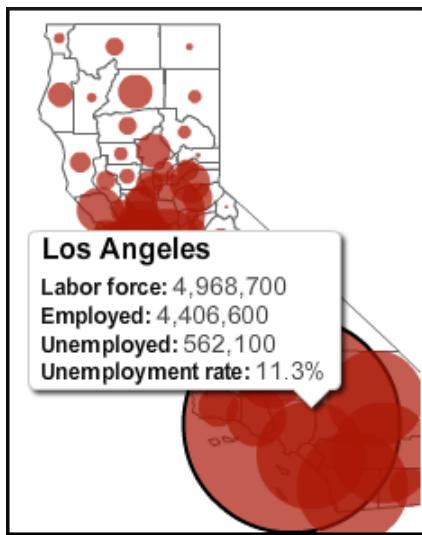
Django can play with some great GIS tools. (Thanks, @jbronn!)

```
from django.contrib.gis.db import models

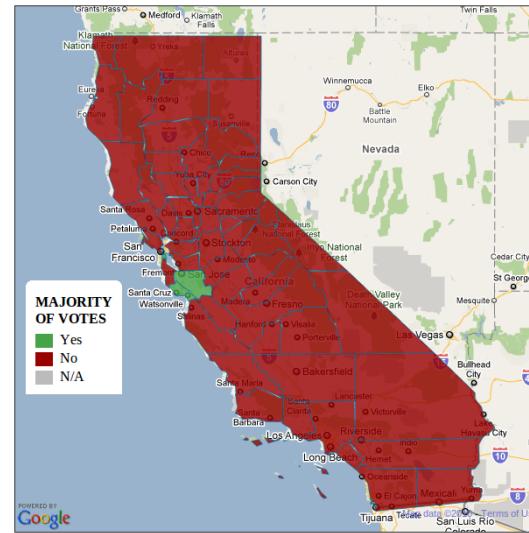
class UnemploymentRate(models.Model):
    fips_code = models.CharField(max_length=5)
    county = models.CharField(max_length=150)
    rate = models.FloatField()
    polygon = models.MultiPolygonField()
    objects = models.GeoManager()

    def __unicode__(self):
        return self.county
```

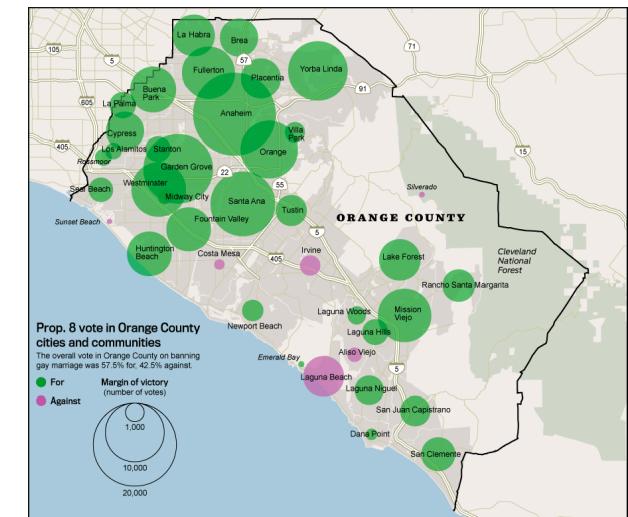
GeoDjango is great because it makes adding GIS data a snap.



Unemployment



Election results



Census demographics



But what happens when you reuse the same maps?

```
from django.contrib.gis.db import models

class UnemploymentRate(models.Model):
    fips_code = models.CharField(max_length=5)
    county = models.CharField(max_length=150)
    rate = models.FloatField()
    polygon = models.MultiPolygonField()
    objects = models.GeoManager()

    def __unicode__(self):
        return self.county
```

If you use the model we looked at before...

```
from django.contrib.gis.db import models

class ElectionResult(models.Model):
    fips_code = models.CharField(max_length=5)
    county = models.CharField(max_length=150)
    red_percent = models.FloatField()
    blue_percent = models.FloatField()
    polygon = models.MultiPolygonField()
    objects = models.GeoManager()

    def __unicode__(self):
        return self.county
```

...you can end up with...

```
from django.contrib.gis.db import models

class Income(models.Model):
    fips_code = models.CharField(max_length=5)
    county = models.CharField(max_length=150)
    median_income = models.FloatField()
    polygon = models.MultiPolygonField()
    objects = models.GeoManager()

    def __unicode__(self):
        return self.county
```

...nearly identical models scattered all over the place.

THIS IS BAD

(Or, at least has problems)

You are repeating yourself.

Three loaders. Three columns. Three islands.

The data can't talk to each other.

How do you mash up the datasets?

Your next app doesn't get any easier.

Get ready to repeat yourself again.



@ubernostrum preaches The Fourfold Path of Reusable Apps

1. Do one thing, and do it well.
2. Don't be afraid of multiple apps.
3. Write for flexibility.
4. Build to distribute.

```
from django.contrib.gis.db import models

class County(models.Model):
    fips_code = models.CharField(max_length=5)
    name = models.CharField(max_length=150)
    polygon = models.MultiPolygonField()
    objects = models.GeoManager()

    def __unicode__(self):
        return self.name
```

So if we make a separate app, with just the GIS data...

```
from django.contrib.gis.db import models
from us_counties.models import County

class UnemploymentRate(models.Model):
    rate = models.FloatField()
    county = models.OneToOneField(County)

    def __unicode__(self):
        return self.county
```

...and then just have each of our data apps link to it...

```
from django.contrib.gis.db import models
from us_counties.models import County

class ElectionResult(models.Model):
    red_percent = models.FloatField()
    blue_percent = models.FloatField()
    county = models.OneToOneField(County)

    def __unicode__(self):
        return self.county
```

...then all of a sudden...

```
from django.contrib.gis.db import models
from us_counties.models import County

class Income(models.Model):
    median_income = models.FloatField()
    county = models.OneToOneField(County)

    def __unicode__(self):
        return self.county
```

....everything gets a bit simpler.

THIS IS GOOD

(Or, at least I think so)

One map to rule them all.

Load the data once and you're set forever.

Your data are interconnected.

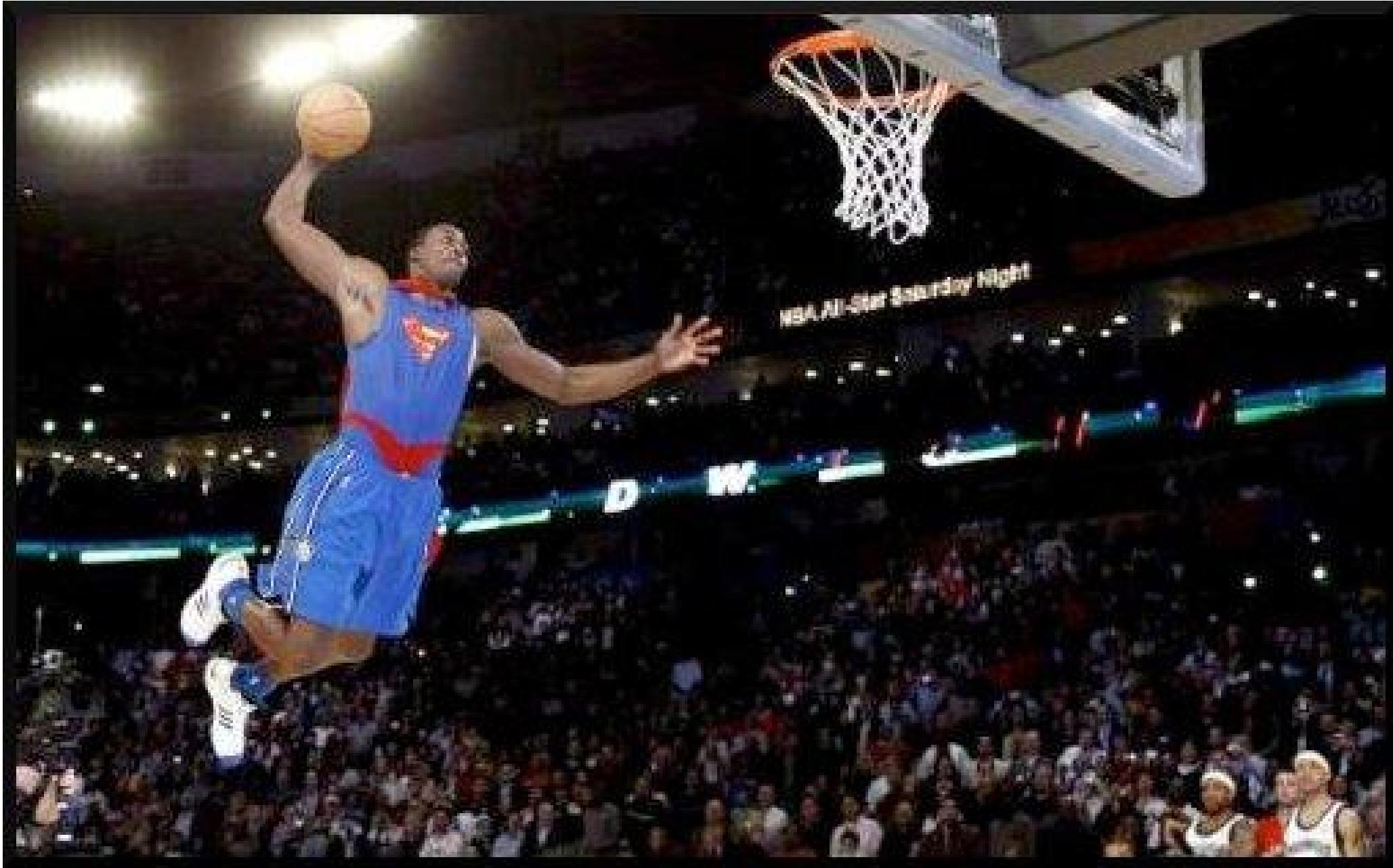
You can easily mash up different data sets.

The next app is easier.

All you need is a foreign key link.

Your GIS data can be packaged on pip.

Wait...are you serious...that would mean...



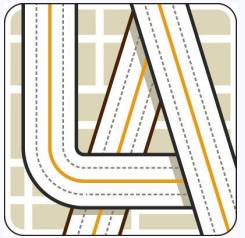
```
$ pip install latimes-pluggablemaps-uscounties
```

<http://lat.ms/pluggable>

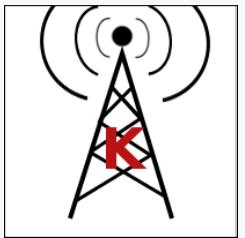
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Come work with us. Find this man.

or email him at daniel.gaines@latimes.com