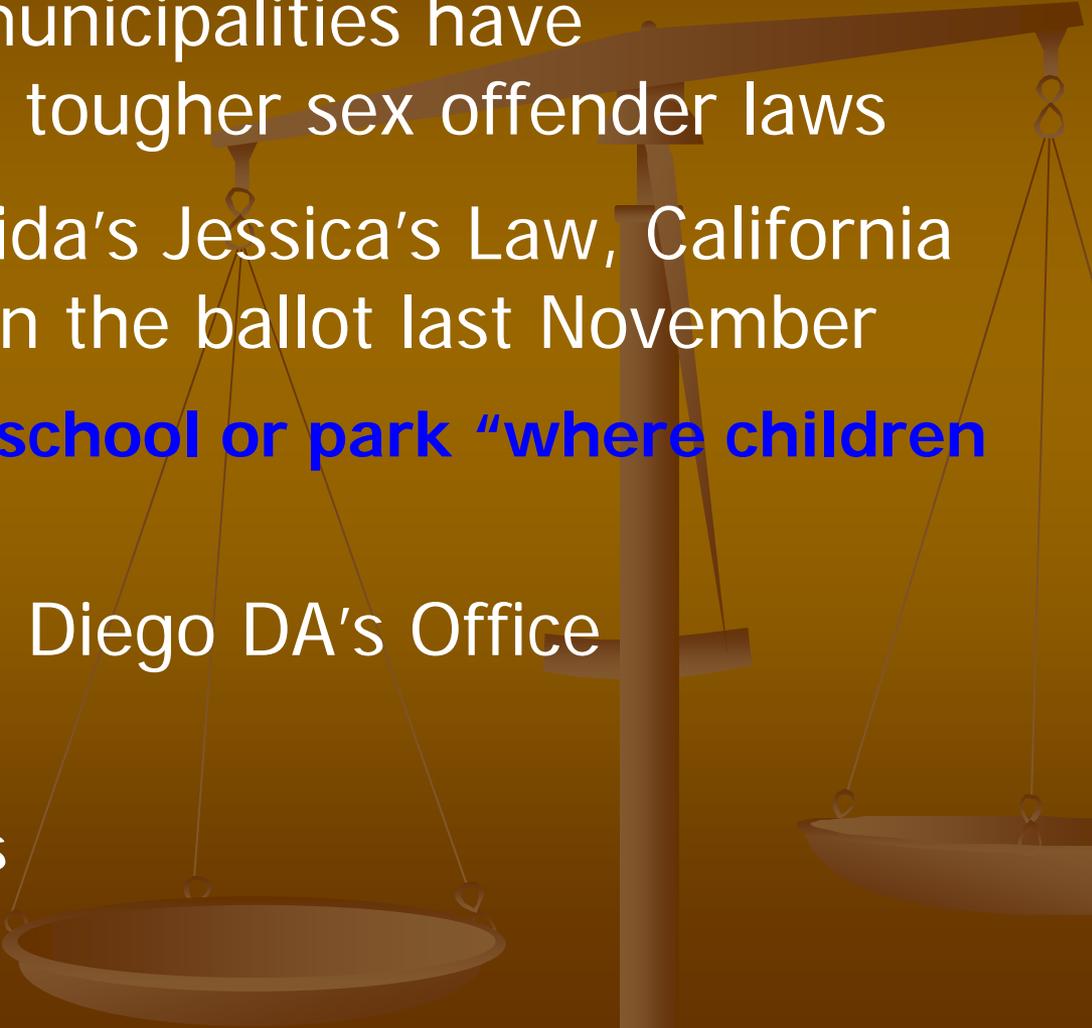


Sex Offender Laws: Planning for an Election

THE 9th CRIME MAPPING RESEARCH CONFERENCE

March 28-31, 2007
Pittsburgh, PA

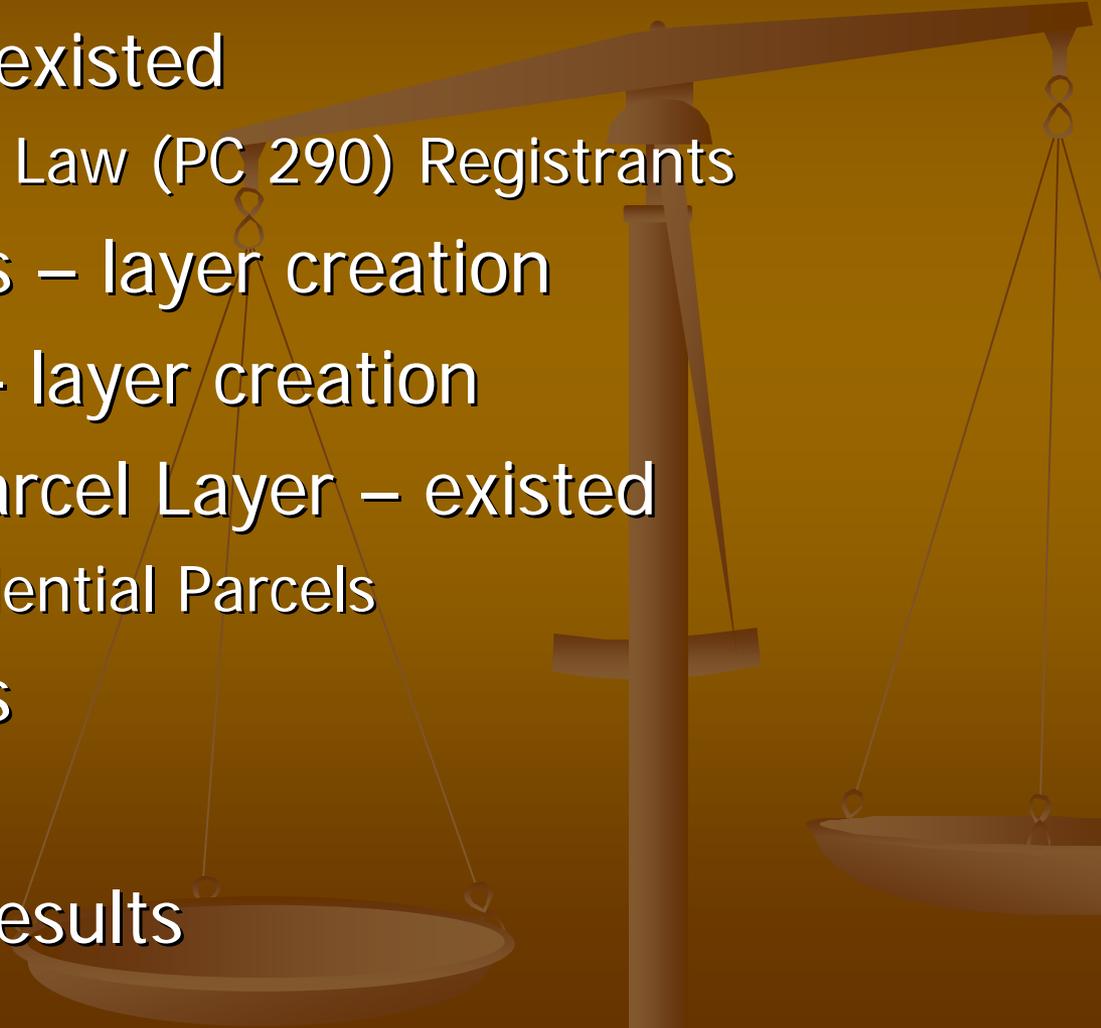
Presentation Overview



- Many states and municipalities have implemented new, tougher sex offender laws
- Modeled after Florida's Jessica's Law, California put a similar law on the ballot last November
 - **2,000 feet from school or park "where children gather"**
- Process of the San Diego DA's Office
 - Data issues
 - Maps and analyses

Iterative Process...

It's all about the data

- School Points - existed
 - Add in Megan's Law (PC 290) Registrants
 - School Polygons – layer creation
 - Park Polygons – layer creation
 - Tax Assessor Parcel Layer – existed
 - Extracted Residential Parcels
 - Creating Buffers
 - Making Maps
 - Analyzing the Results
- 

Megans Law (PC290) Sex Registrants and Schools San Diego County

Legend

-  Megans Law Offenders
-  Schools (K-12)
-  1/2 Mile Radius around School

Total # of Sex Offenders Mapped = 3,520
2,134 live within 2000 ft of a school
2,770 live within 1/2 mile of a school



Megan's Law data provided by ARJIS
(Download 8/18/05)
Map created by DA Crime Analysis
October 11, 2005

Donovan Correction Facility

0 4 8 12 Miles



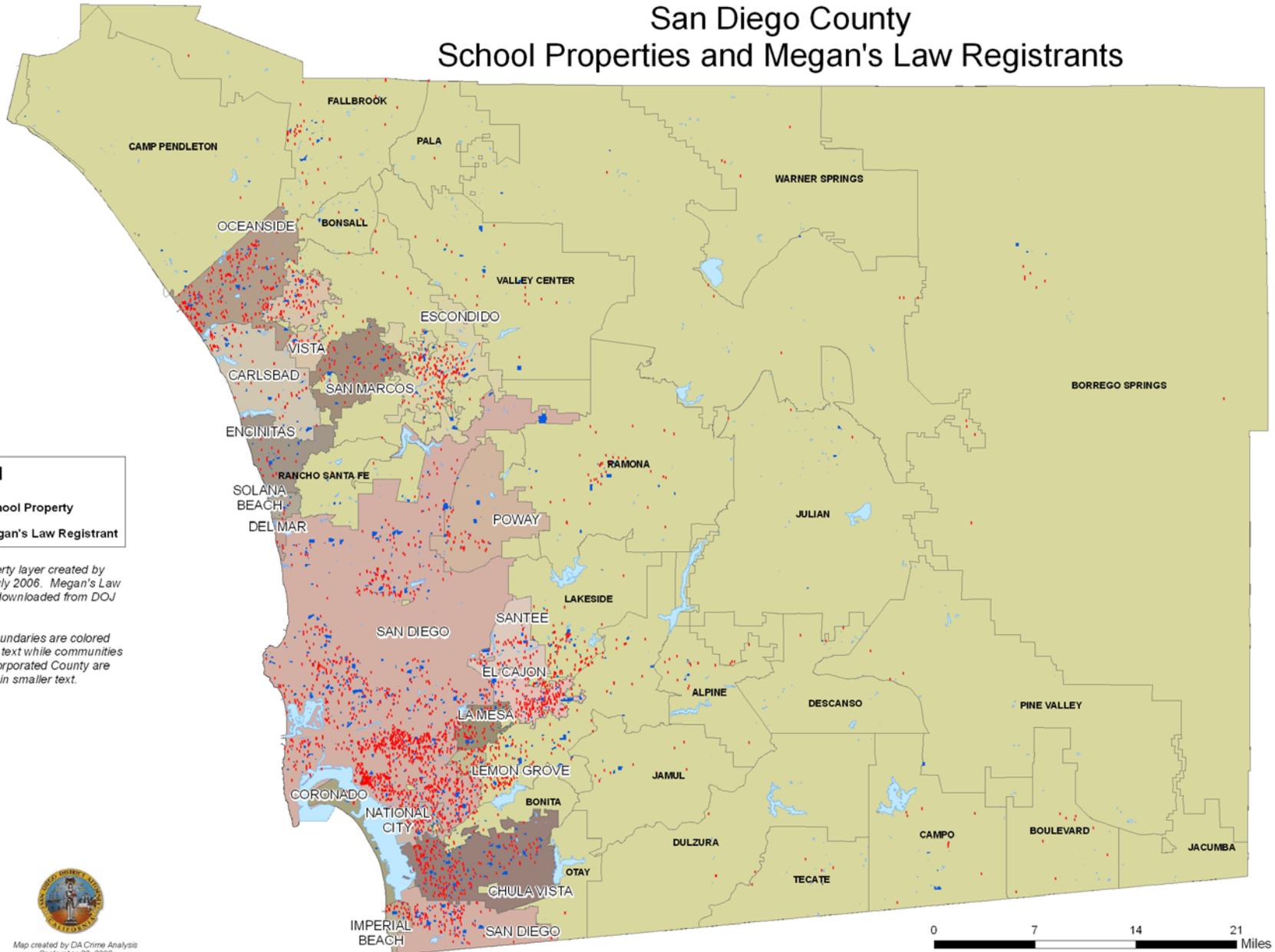
San Diego County School Properties and Megan's Law Registrants

Legend

- School Property
- Megan's Law Registrant

School property layer created by SANDAG, July 2006. Megan's Law Registrants downloaded from DOJ on 8/10/06.

Municipal Boundaries are colored and in larger text while communities within Unincorporated County are outlined and in smaller text.



Map created by DA Crime Analysis
September 28, 2006

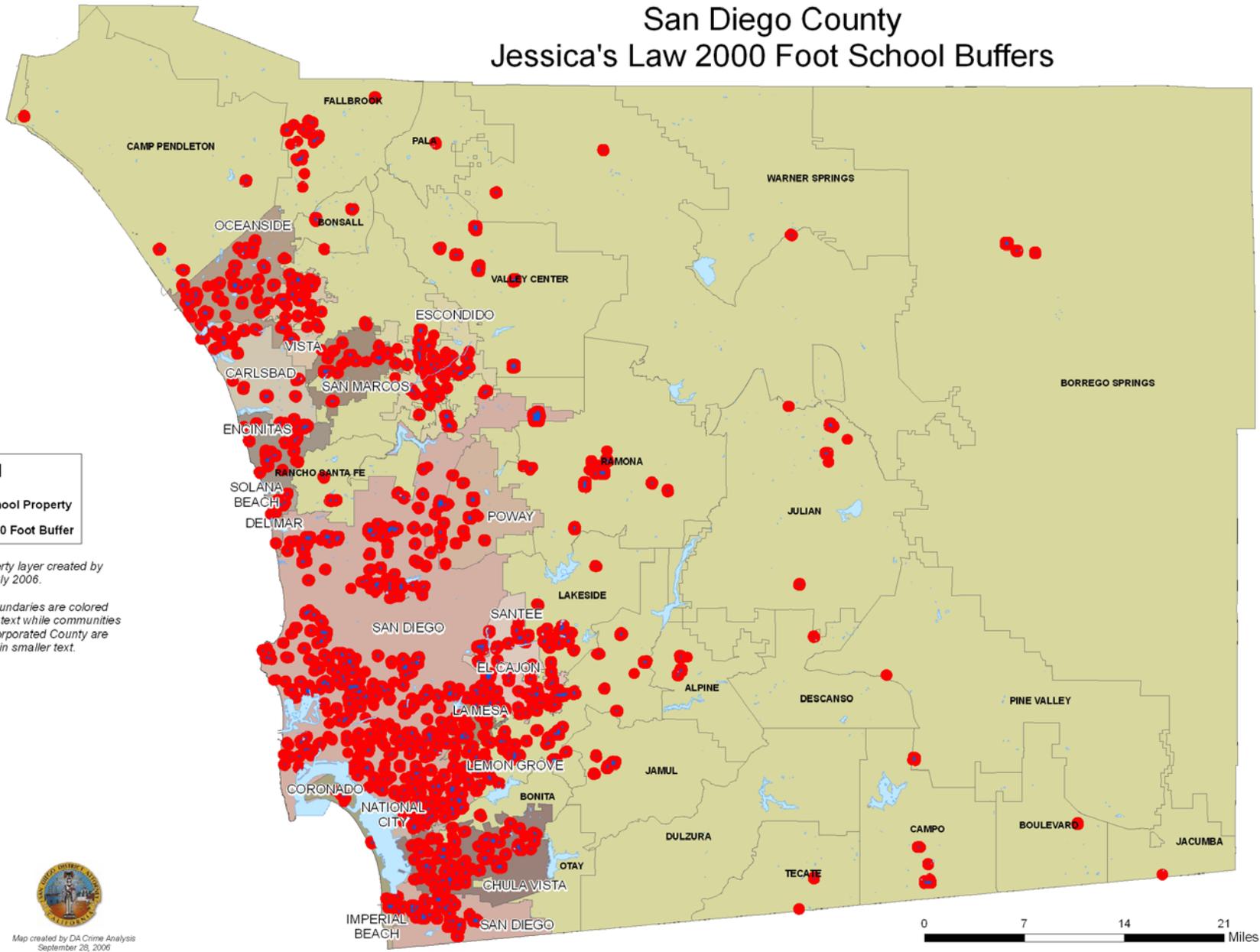
San Diego County Jessica's Law 2000 Foot School Buffers

Legend

-  School Property
-  2000 Foot Buffer

School property layer created by SANDAG, July 2006.

Municipal Boundaries are colored and in larger text while communities within Unincorporated County are outlined and in smaller text.



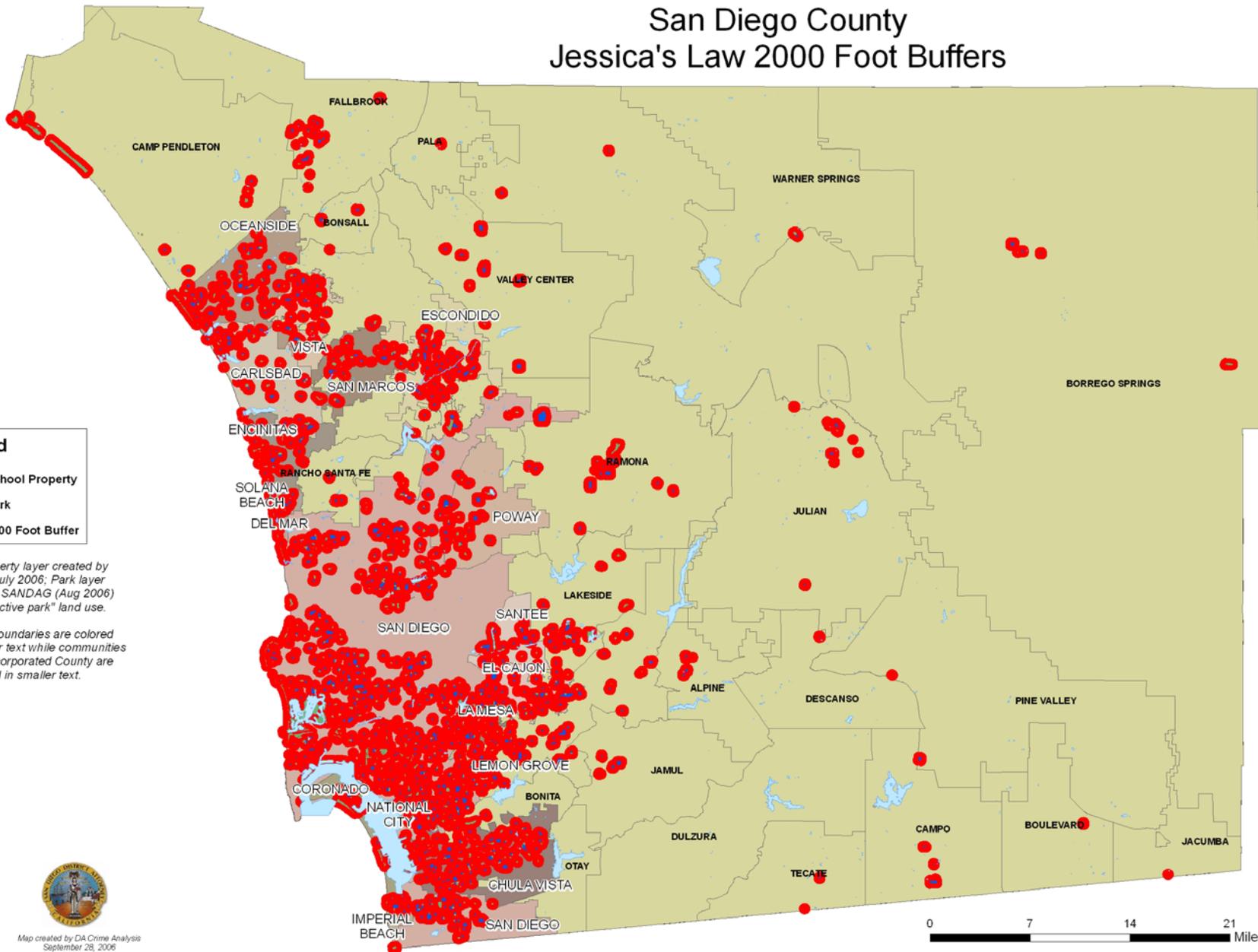
San Diego County Jessica's Law 2000 Foot Buffers

Legend

- School Property
- Park
- 2000 Foot Buffer

School property layer created by SANDAG, July 2006; Park layer provided by SANDAG (Aug 2006) based on "active park" land use.

Municipal Boundaries are colored and in larger text while communities within Unincorporated County are outlined and in smaller text.



Map created by DA Crime Analysis
September 28, 2006



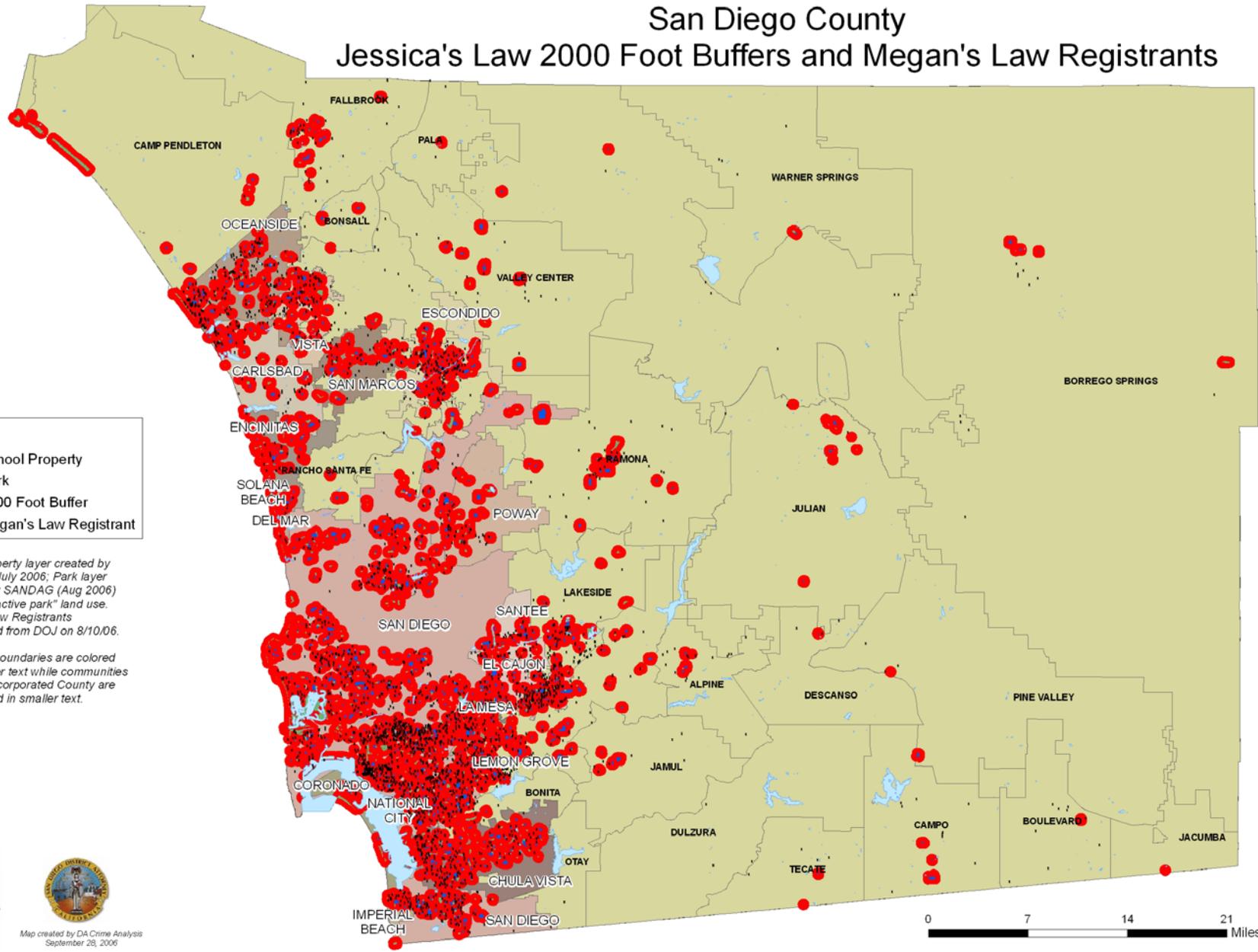
San Diego County Jessica's Law 2000 Foot Buffers and Megan's Law Registrants

Legend

- School Property
- Park
- 2000 Foot Buffer
- ✚ Megan's Law Registrant

School property layer created by SANDAG, July 2006; Park layer provided by SANDAG (Aug 2006) based on "active park" land use. Megan's Law Registrants downloaded from DOJ on 8/10/06.

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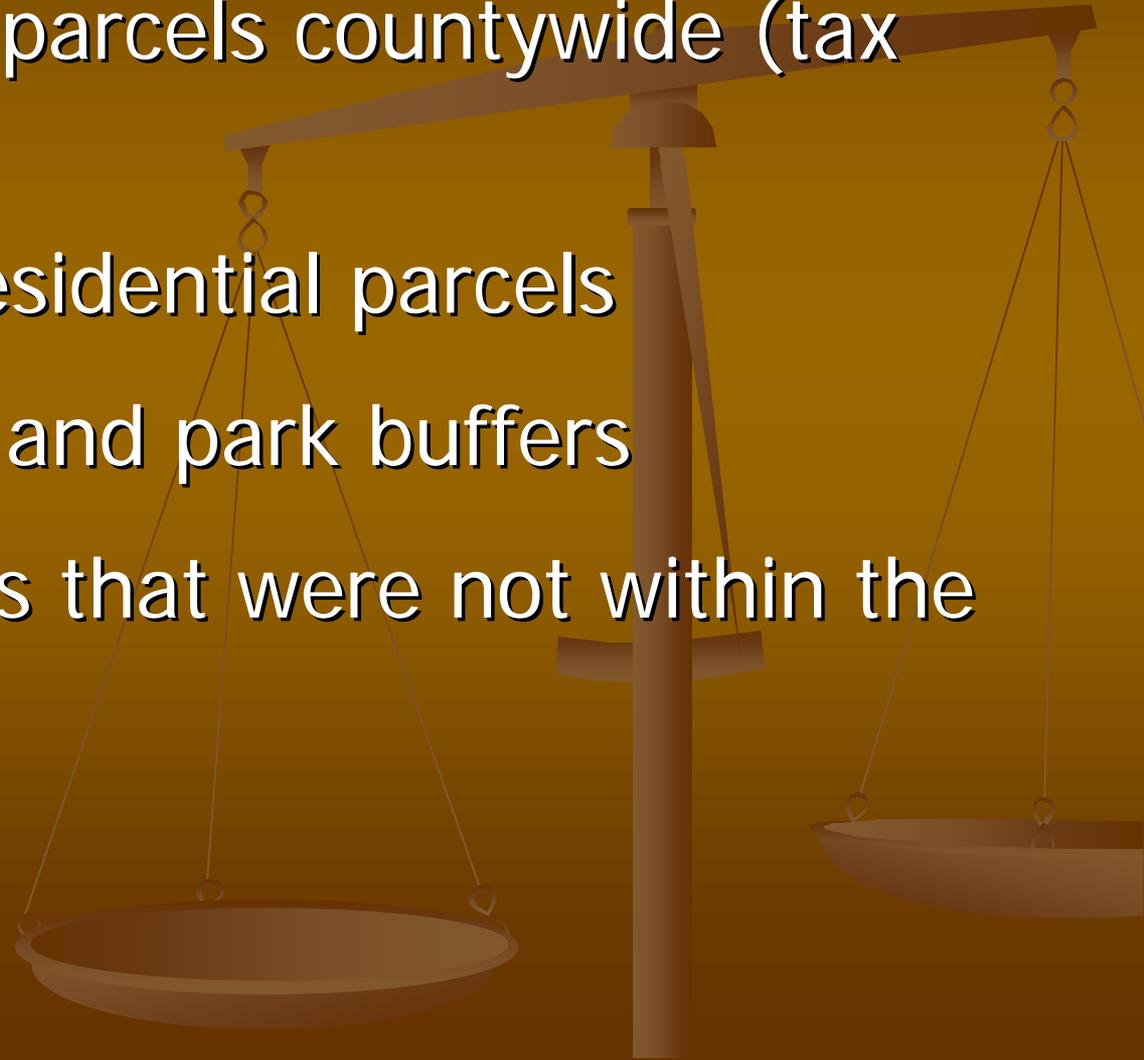


Map created by DA Crime Analysis
September 28, 2006

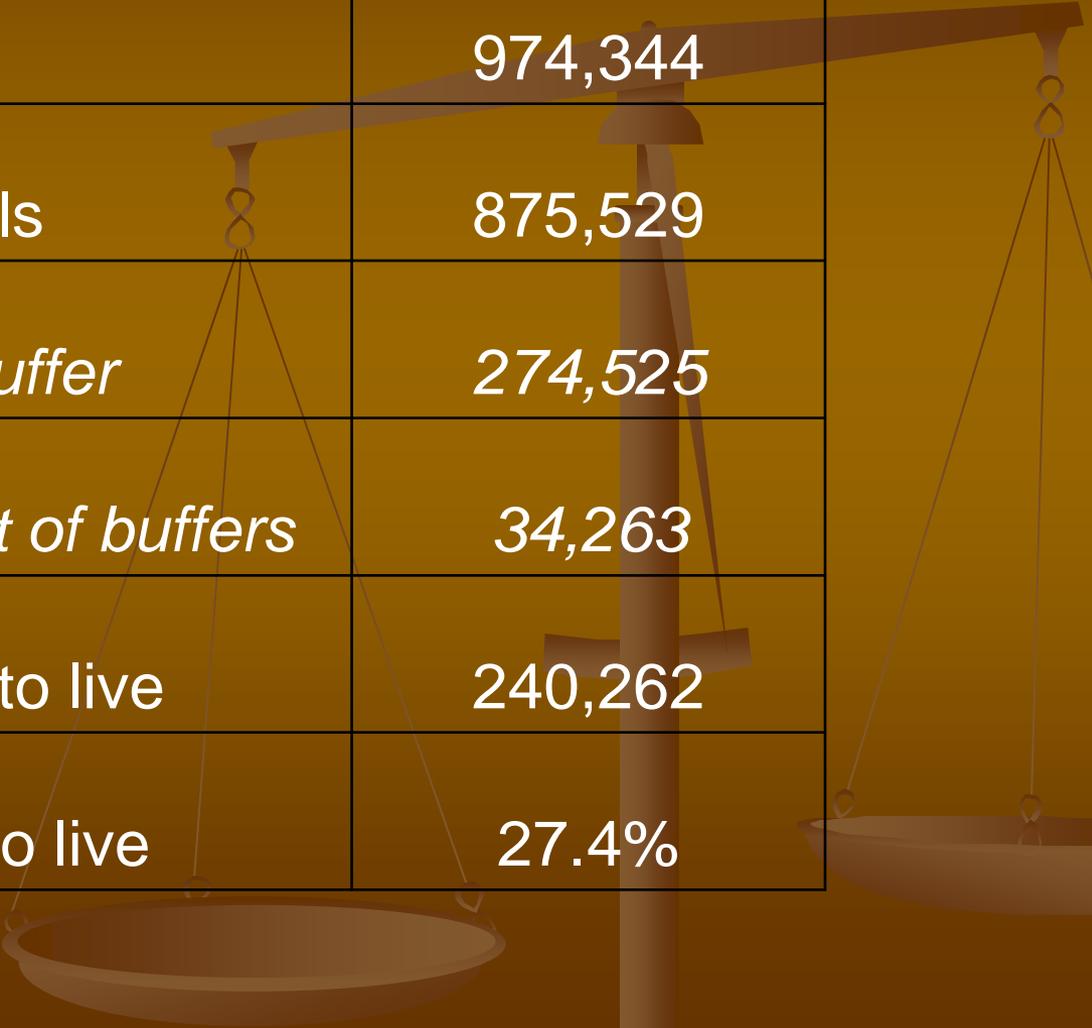


Residential Parcel Analysis

- Started with all parcels countywide (tax assessor file)
- Extracted out residential parcels
- Overlaid school and park buffers
- Analyzed parcels that were not within the buffer

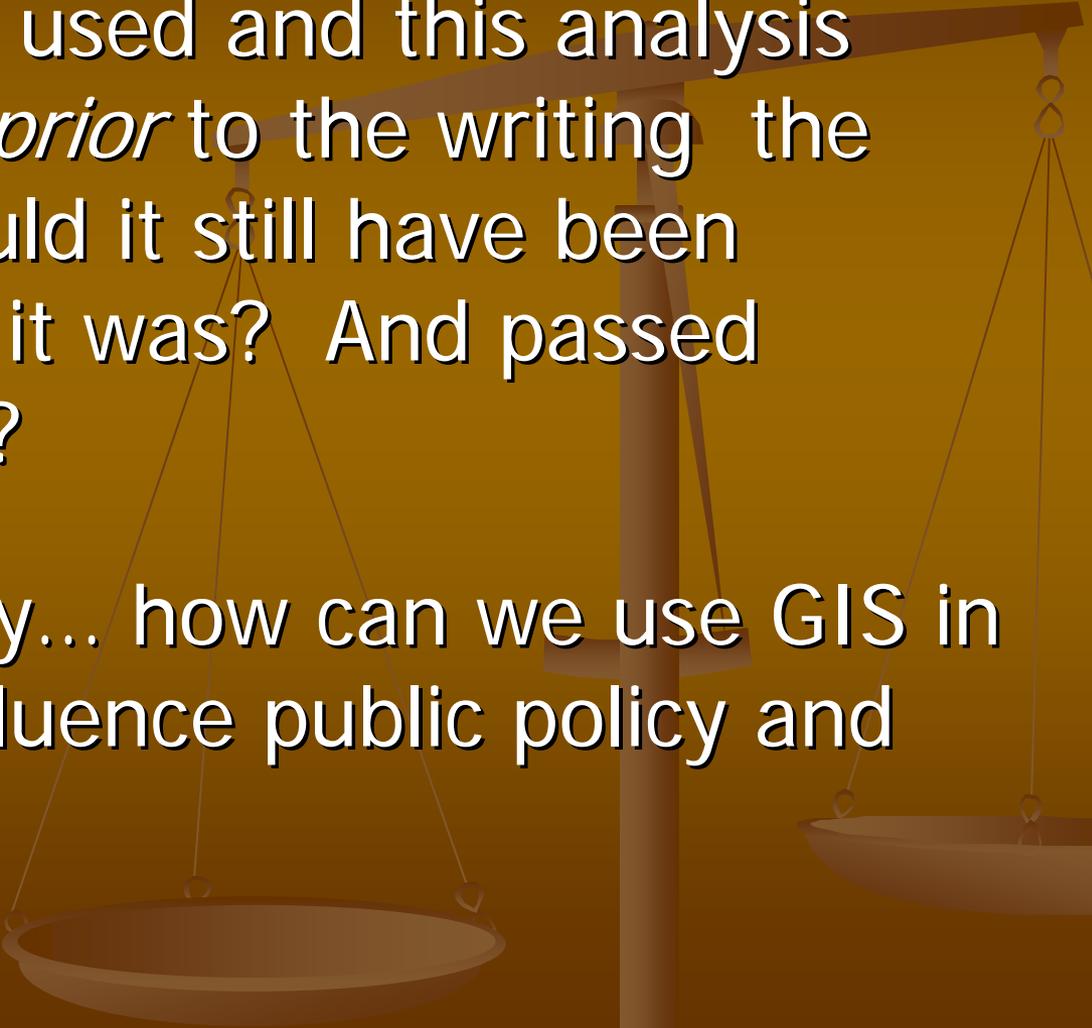


Residential Parcel Analysis Results



Total Parcels	974,344
Residential Parcels	875,529
<i>Parcels outside buffer</i>	<i>274,525</i>
<i>Parcels in and out of buffers</i>	<i>34,263</i>
Total Parcels OK to live	240,262
% of Parcels OK to live	27.4%

The Debate



- If GIS had been used and this analysis had been done *prior* to the writing the legislation... would it still have been written the way it was? And passed overwhelmingly?
- More importantly... how can we use GIS in the future to influence public policy and legislation?