



Diabetes in California

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National Minority Health Month Foundation
Washington, D.C.

Insurance Based Health Care System

Direct Purchasers



*private insurance plan
Payers*



Providers



*In Direct Consumers
In Direct Payers*



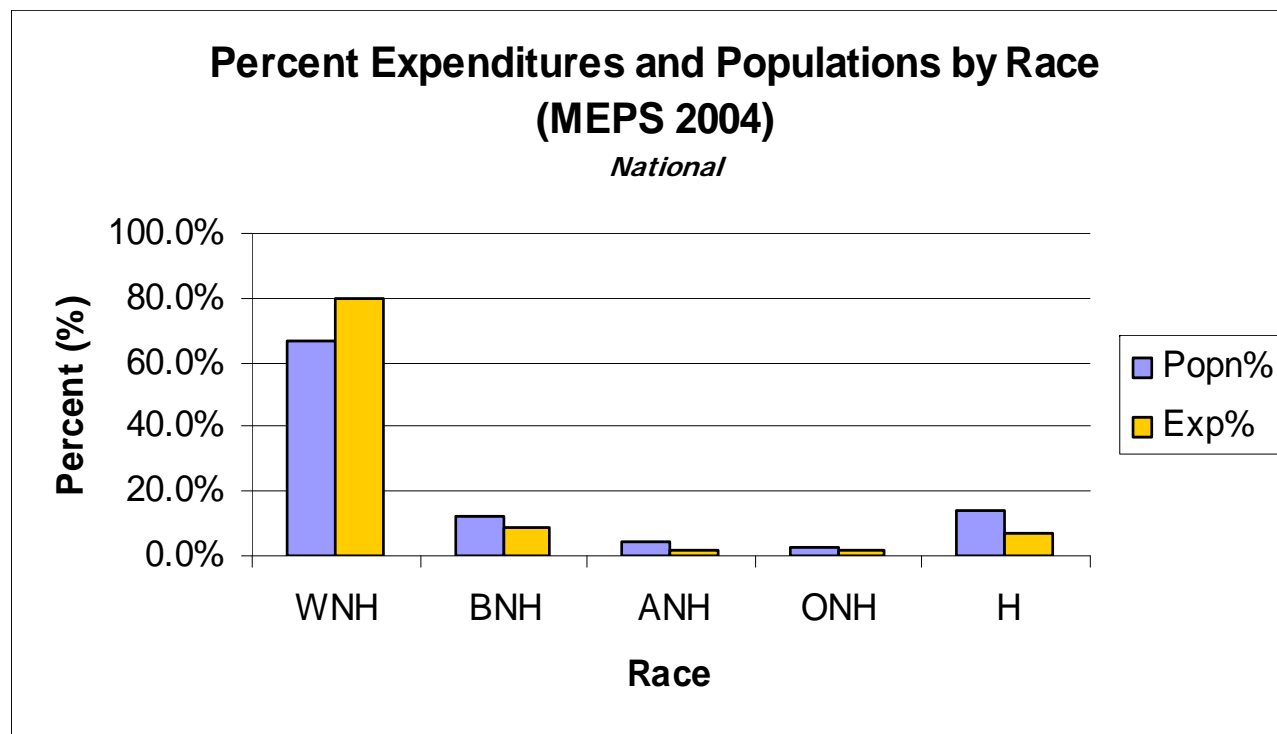


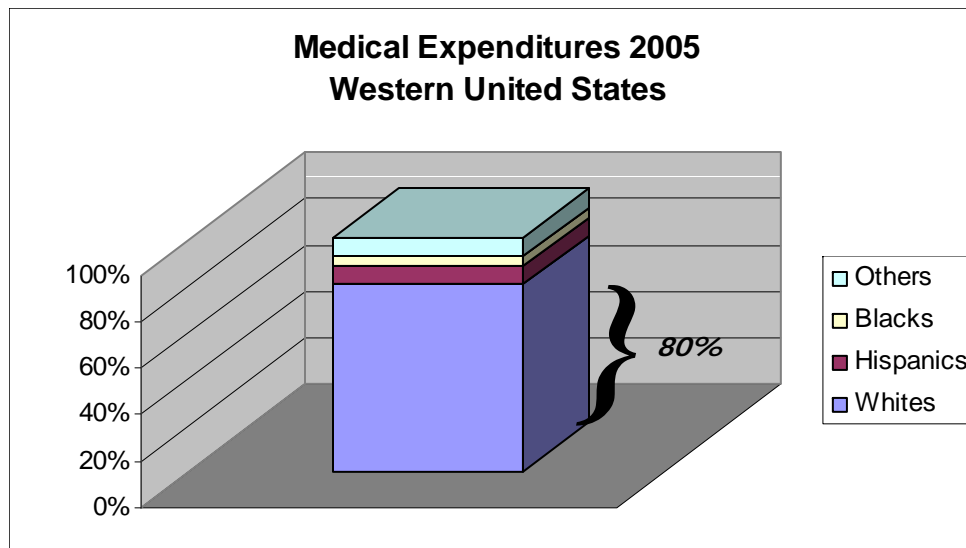
Summary of Key Facts:

*1. Hispanics and African Americans
are Underserved by Our Financing and
Deliver System*

*2. Under Representation of Minorities in
Clinical Trials*

*3. Hispanics and African Americans are
over represented in Med-Cal*





Total Medical Expenditures \$204 Billion



	Total Pop	Insured	Medicaid	Percent Insured Covered by Medicaid	Percent Total Pop Covered by Medicaid	Uninsured	Percent Uninsured
Whites	15,799,917	14,535,924	1,320,232	9	8	1,263,993	8
Hispanics	12,788,413	8,440,353	3,515,780	42	27	4,348,060	34
Blacks	2,248,436	1,965,133	664,535	34	30	283,303	12.6
Other	5,136,371	4,683,371	1,067,652	23	21	453000	8.8

S Holtby, E Zahnd, N Lordi, C McCain, YJ Chia, JH Kurata. Health of California's Adults, Adolescents and Children: Findings from CHIS 2003 and CHIS 2001. Los Angeles, CA: UCLA Center for Health Policy Research, 2006; Medi-Cal Beneficiaries by Zip code,

<http://www.dhcs.ca.gov/dataandstats/statistics/Pages/BeneficiaryDataFiles.aspx>; The Henry J. Kaiser Family Foundation, State Health Facts, <http://www.statehealthfacts.org/profileind.jsp?ind=6&cat=1&rgn=6>



2004	Payments	Percent of All Payments
White	10,729,262,952	39
Hispanic	7,819,548,046	28
Black	3,290,795,928	12
Asian	848,280,638	3
Other	4,755,744,420	17
All	27,443,631,984	100

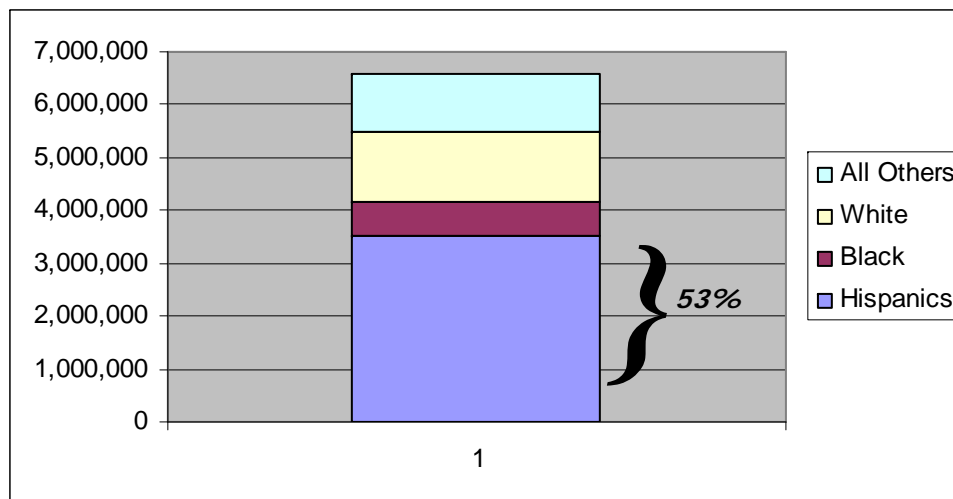


	Lives Covered by Private Insurance	Percent Live Covered by Private Insurance
Whites	13,215,692	57
Hispanics	4,924,573	21
Blacks	1,300,598	6
Other	3,615,719	16
Total	23,056,581	100

S Holtby, E Zahnd, N Lordi, C McCain, YJ Chia, JH Kurata. Health of California's Adults, Adolescents and Children: Findings from CHIS 2003 and CHIS 2001. Los Angeles, CA: UCLA Center for Health Policy Research, 2006; Medi-Cal Beneficiaries by Zip code, <http://www.dhcs.ca.gov/dataandstats/statistics/Pages/BeneficiaryDataFiles.aspx>



*California Medicaid Beneficiaries
By Ethnicity and Race
2008*



Medi-Cal Beneficiaries by Zip code, <http://www.dhcs.ca.gov/dataandstats/statistics/Pages/BeneficiaryDataFiles.aspx>



GOAL

To initiate a dialogue about the disproportionate burden of diabetes in high-risk communities.



THE PROBLEM

Communities that are faced with a disproportionate burden of diabetes do not know each other, have not had a chance to network, have not shared best practices, and do not have the advantage of working collaboratively



The ZIP Code Analysis Project (ZCAP)

In 1998, we began building **ZCAP**: a comprehensive database that links demographic, environmental, claims data, clinical laboratory values, and other data elements into one centralized data warehouse, linked by zip code.



ZCAP

Now Stores Over 500 Million Patient Records,
Dating Back to 1988



ZCAP®

Enables the us to identify health disparities in small geographic areas.

The long-term goal is to be able to evaluate the impact of specific interventions and to monitor changes in health service and status.

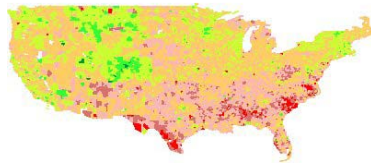


Profiling Diabetes Prevalence Across the Nation

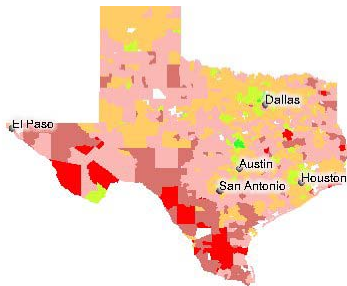
The Diabetes Atlas



Level one access: Users can map diabetes prevalence and calculate direct costs by race/ethnicity, age, sex and ...



Nationally



For each state

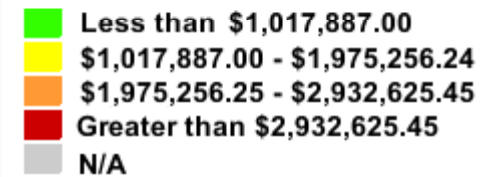
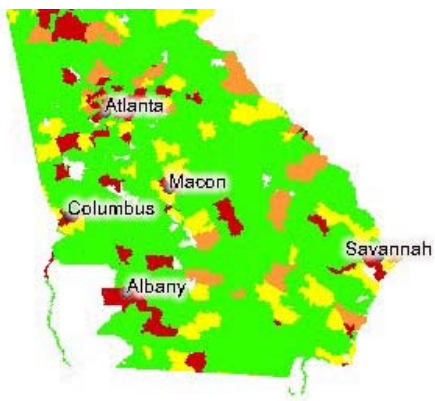
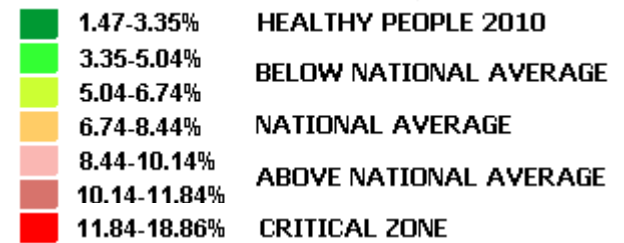
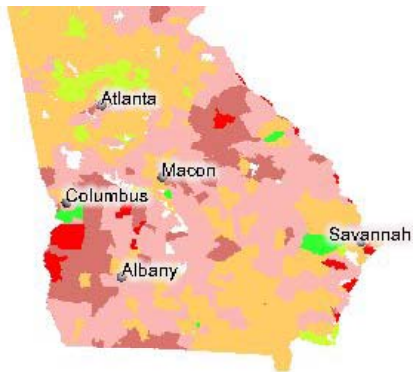


For each congressional or legislative district

Ga. 5th Congressional district



Level two access: Users can map diabetes prevalence and calculate costs for one state or congressional district

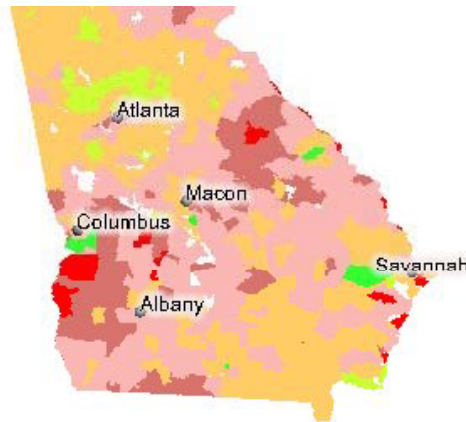




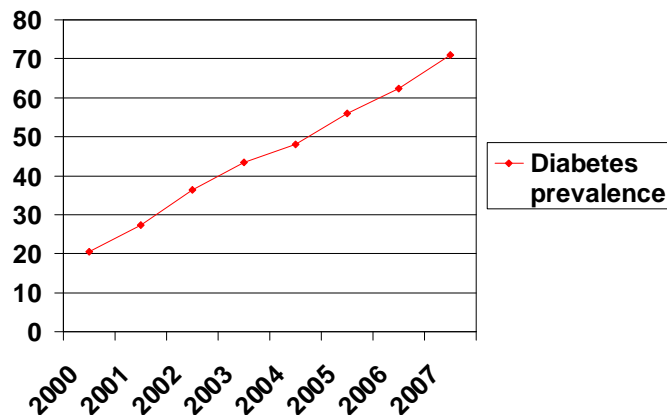
The Diabetes Atlas

Expansion

Level three access

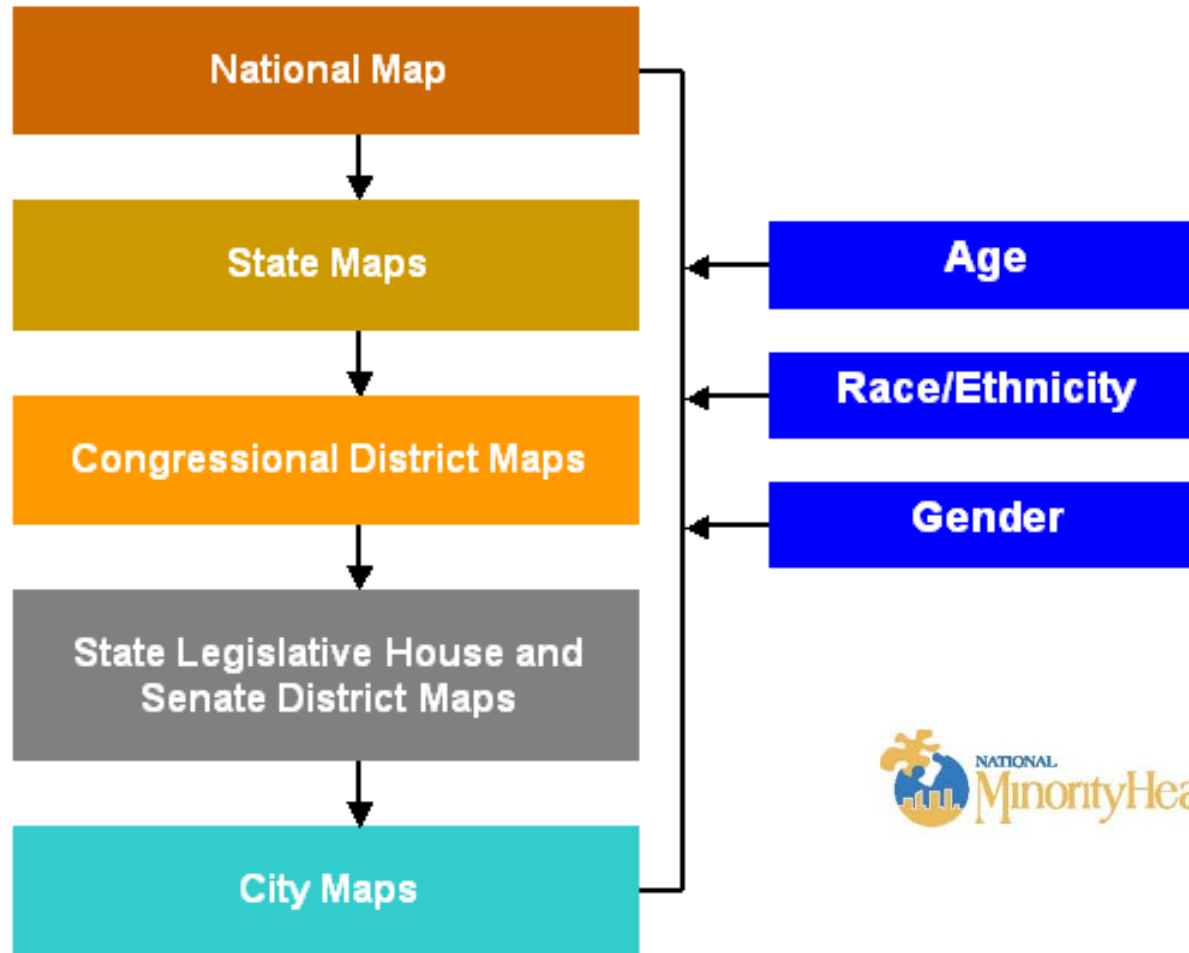


Users can map diabetes prevalence and calculate costs for one state or congressional district
Users can measure actual estimated number of diagnosed diabetics one state or congressional district



Users can evaluate 7 yr. trend line data for diabetes prevalence for one state or congressional district

D-ATLAS Conceptual Model



Percentage of the 2005 Population Diagnosed with diabetes

4.80% or Less

4.81 – 5.52%

5.53 – 6.20%

6.21 – 7.70%

7.71 – 8.46%

8.47 – 9.20%

9.21% or Greater

The 1996 Zones, are the dark green zip codes that have average diabetes prevalence or lower for **the Overall U.S. Population** as observed in 1996.

The National Average is the average of the estimated prevalence of diabetes across all zip codes in the United States for **the Overall U.S. Population**. For 2005, the national average for this population is estimated to be 7.59%.

The Critical Zones, or the zip codes shaded deep red, have estimated diabetes prevalence for **the Overall U.S. Population** substantially above the national average.



- ▶ [Create Diabetes Prevalence Map](#)
 - ▶ [Diabetes Atlas Methodology](#)
 - ▶ [Find Your District and Representative](#)
- Create A National Map
 - Create A State Map
 - Create A Congressional District Map
 - Create A Legislative District Map



Welcome to the Diabetes Atlas (D-ATLAS)!

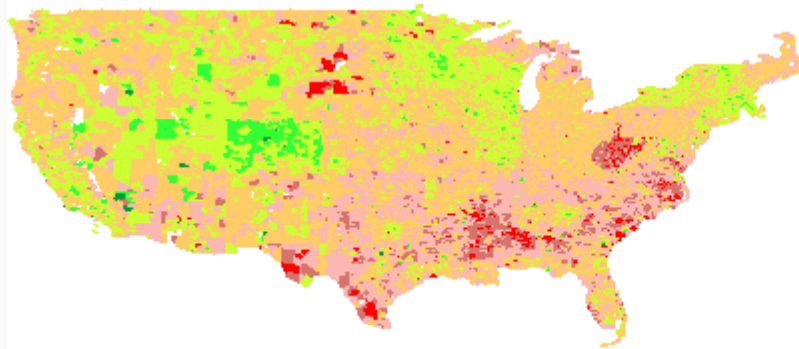
- [Overview](#)
- [Diabetes Advisory Board](#)
- [Diabetes Resources](#)
- [Disclosure Statement](#)
- [Diabetes Atlas Homepage](#)



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National Maps

National Diabetes Prevalence Map



Overall (RATE)

- HEALTHY PEOPLE 2010
- BELOW NATIONAL AVERAGE
- NATIONAL AVERAGE
- ABOVE NATIONAL AVERAGE
- CRITICAL ZONE

[Legend Description](#)

Patent Pending

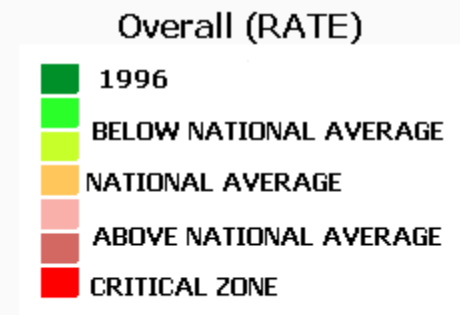
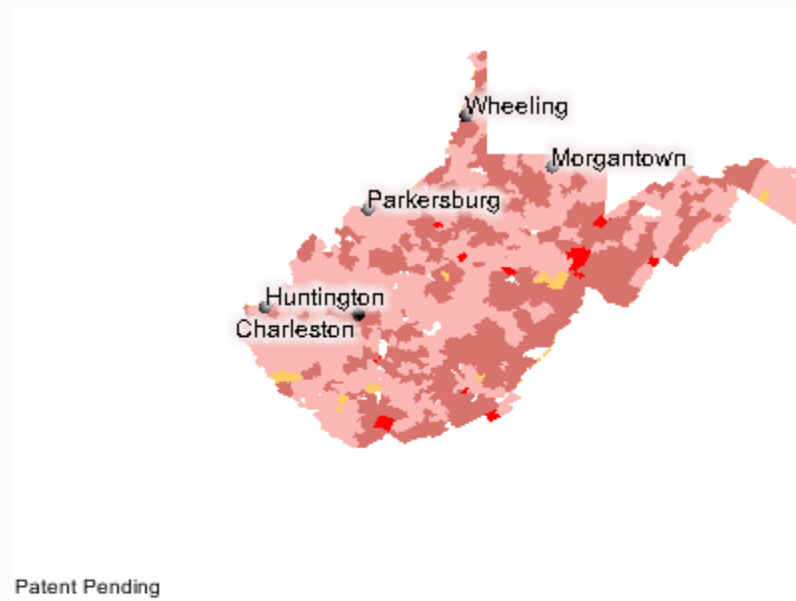
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State Maps

Diabetes Prevalence Map for the State of WV



[Legend Description](#)

[Click Here to Create a New Query](#)



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Diabetes 2000 Prevalence Map for the State of CA



Overall (RATE)

1.47-3.35%	HEALTHY PEOPLE 2010
3.35-5.04%	BELOW NATIONAL AVERAGE
5.04-6.74%	NATIONAL AVERAGE
6.74-8.44%	ABOVE NATIONAL AVERAGE
8.44-10.14%	ABOVE NATIONAL AVERAGE
10.14-11.84%	ABOVE NATIONAL AVERAGE
11.84-18.86%	CRITICAL ZONE

Patent Pending

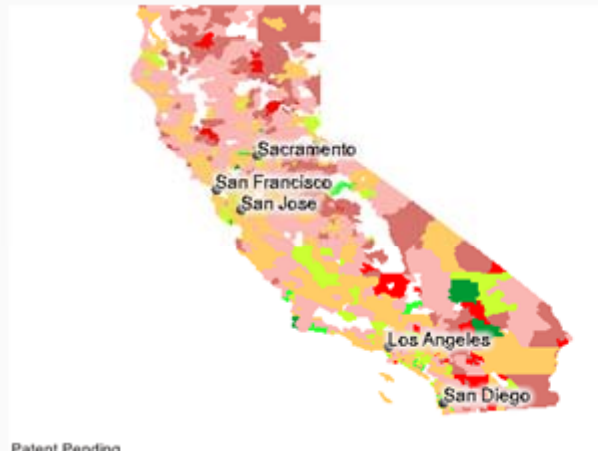


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State Maps

[Print Page](#)

Diabetes 2007 Prevalence Map for the State of CA



Patent Pending

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Diabetes 2000 Prevalence Map for the State of CA



Patent Pending

Prevalence in Hispanics (RATE)

1.47-3.35%	HEALTHY PEOPLE 2010
3.35-5.04%	BELOW NATIONAL AVERAGE
5.04-6.74%	
6.74-8.44%	NATIONAL AVERAGE
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Diabetes 2000 Prevalence Map for the State of CA



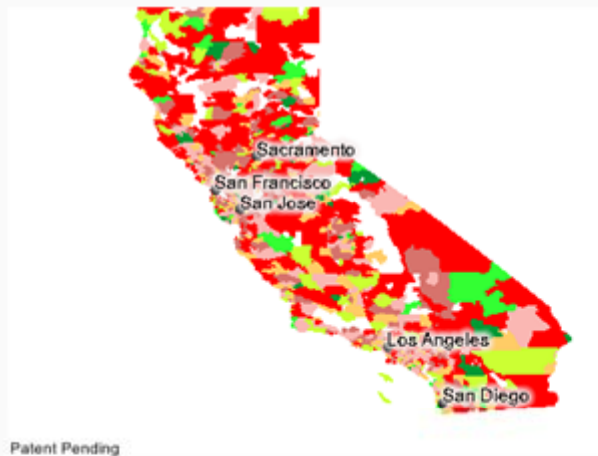
Prevalence in Black Non-Hispanics (RATE)

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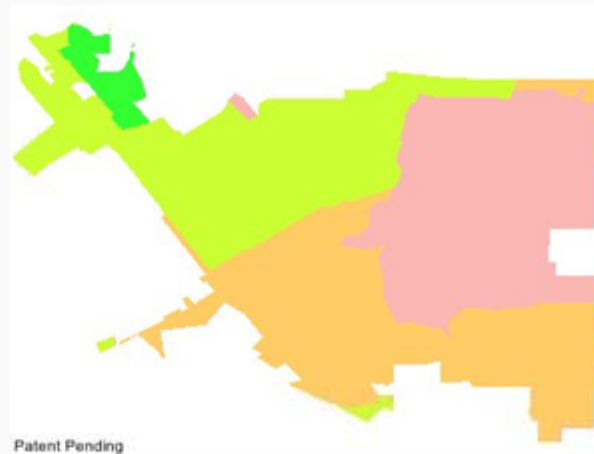
Diabetes 2000 Prevalence Map for the State of CA State House District 047 - Overall (RATE)



Legislative Representative



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 Room 319 State Capitol, 10th and L Sts Sacramento, CA 94249-0047
 (916) 319-2047
Assemblymember.Bass@assembly.ca.gov



Patent Pending

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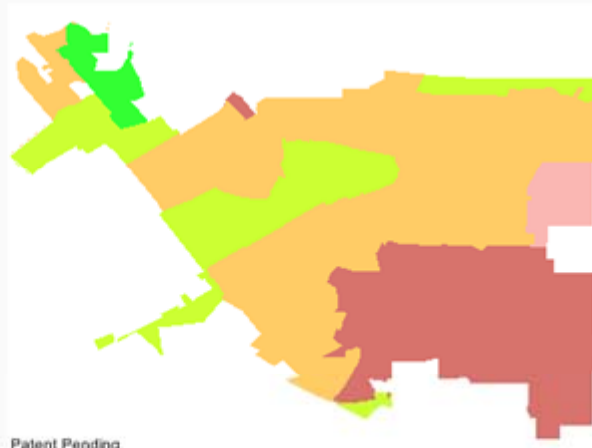
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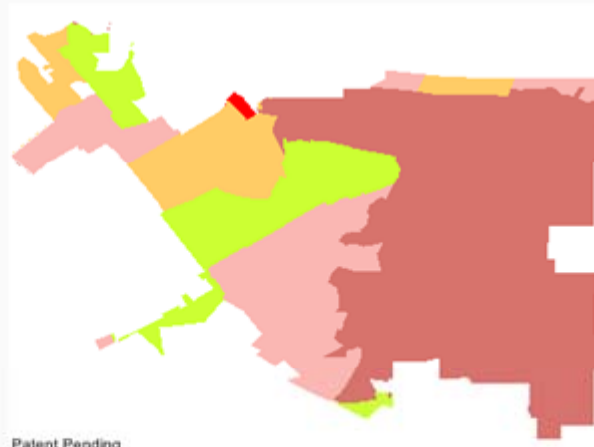
Diabetes 2007 Prevalence Map for the State of CA State House District 047 - Prevalence in Black Non-Hispanics (RATE)



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Diabetes 2000 Prevalence Map for the State of CA



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Congressional Representative



Maxine Waters, California, District 35
 2344 RHOB Washington, D.C. 20515-0535
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www.house.gov/waters/

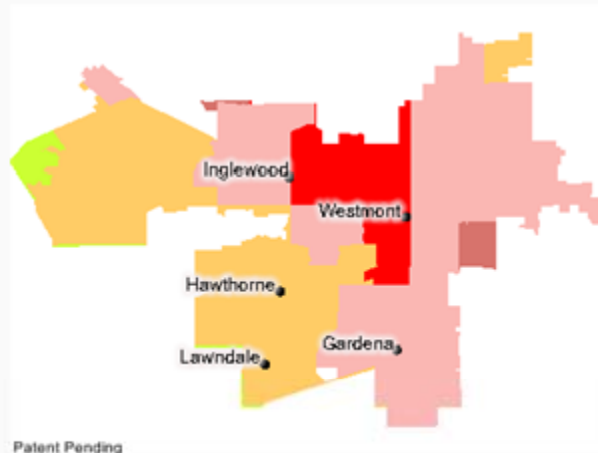


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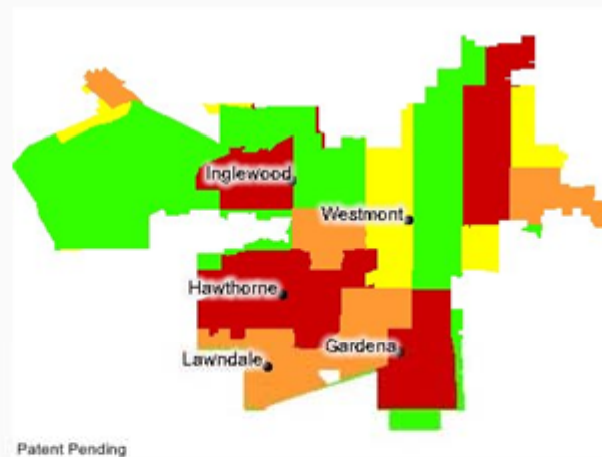


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Diabetes Cost 2005 Atlas for the State of CA
Congressional District 35 - Overall



Overall (RATE)

- Less than \$1,017,887.00
- \$1,017,887.00 - \$1,975,256.24
- \$1,975,256.25 - \$2,932,625.45
- Greater than \$2,932,625.45
- N/A



Congressional Representative
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