

Concrete Coalition







www.concretecoalition.org

Home

Background

Get Involved

City Programs

Resources & Links



News



Northridge 1994 shear failure between waffle slabs and columns

Welcome to the Concrete Coalition

The Concrete Coalition is a network of individuals, governments, institutions, and agencies with shared interest in assessing the risk associated with dangerous non-ductile concrete buildings and developing strategies for fixing them. It is a program of the Earthquake Engineering Research Institute and its partners, the Pacific Earthquake Engineering Center at UC Berkeley, and the Applied Technology Council.

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Recent Posts

- January 2009. Get Involved!
 Come to a workshop to learn how.
- Update from Project Director
 November 2008
- Update from Project Director August 2008
- June 2008: For Building Officials
- April 2008: Update from Concrete Coalition
- February 2008: Concrete
 Coalition receives FEMA/OES support-Seeking
 Participation



Volunteers Needed for Community Risk Profiles



Concrete Coalition and the City of Los Angeles



Top Ten Deficiencies



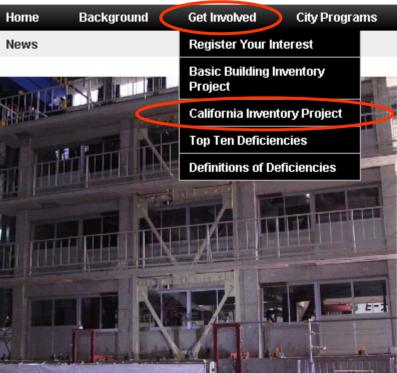






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To search, type keywords and hit enter...



Retrofit with steel braces testing at E-Defence Japan

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News Feed

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 support-Seeking
 Participation



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Looking for something in particular?

To search, type keywords and hit enter...

Home

Background

Get Involved

City Programs

Resources & Links

News Feed

News

California Inventory Project

The Concrete Coalition is building a network of volunteer engineers in California who will help gather information on the number and types of pre-1980 concrete buildings that exist in the state, and help understand the risk represented by these buildings.

The database to manage this information is under construction and will soon be ready, but in the meantime, volunteers can sign up for specific communities and/or review the community risk profile by clicking here: Community Risk Profile

Workshops are scheduled in January and February 2009 in Los Angeles and San Francisco to recruit volunteers and to discuss how to get started on a community profile. Click here for more information.

Pages

- Background
 - Problem Statement
- Project Approach
- Project Database Committee
- Project Partners
- Project Steering Committee
- Sponsors
- City Programs
- City of Los Angeles
- Get Involved
- Basic Building Inventory Project
 - Basic Building Profile
- California Inventory Project
- Definitions of Deficiencies
- Register Your Interest
- Top Ten Deficiencies
- Resources & Links

Meta

- Site Admin
- Log out
- Entries RSS
- Assessante DOO







Home Background

Get Involved

City Programs

Resources & Links



News

California Inventory Project



Pages

- Background
 - Problem Statement
 - Project Approach
 - Project Database Committee
 - Project Partners
 - Project Steering Committee
 - Sponsors
- City Programs
 - City of Los Angeles
- Get Involved
 - Basic Building Inventory Project
 - Basic Building Profile
 - California Inventory Project
 - Definitions of Deficiencies
 - Register Your Interest
 - Top Ten Deficiencies
- Resources & Links

Meta

- Site Admin
- Log out
- Entries RSS
- Comments RSS
- WordPress.org









News Feed

News

Cities in Los Angeles County

City	Date incorporated	Population
Agoura Hills	December 08, 1982	23,340
Alhambra	July 11, 1903	89,488
Arcadia	August 05, 1903	56,556
Artesia	May 29, 1959	17,589
Avalon	June 26, 1913	3,521
Azusa	December 29, 1898	48,640
Baldwin Park	January 25, 1956	81,146
Bell Gardens	November 07, 1927	38,982
Bell	August 01, 1961	46,760
Bellflower	September 03, 1957	77,189
Beverly Hills	January 28, 1914	36,084
Bradbury	July 26, 1957	938
Burbank	July 15, 1911	107,921
Calabasas	April 05, 1991	23,652
Carson	February 20, 1968	98,178
Cerritos	April 24, 1956	54,943
Claremont	October 03, 1907	37,141
Commerce	January 28, 1960	13,494
Compton	May 11, 1888	99,451
Covina	August 14, 1901	49,720
Cudahy	November 10, 1960	25,870

After reports are reviewed, they will be posted online here. You can gain access by clicking on jurisdiction name.

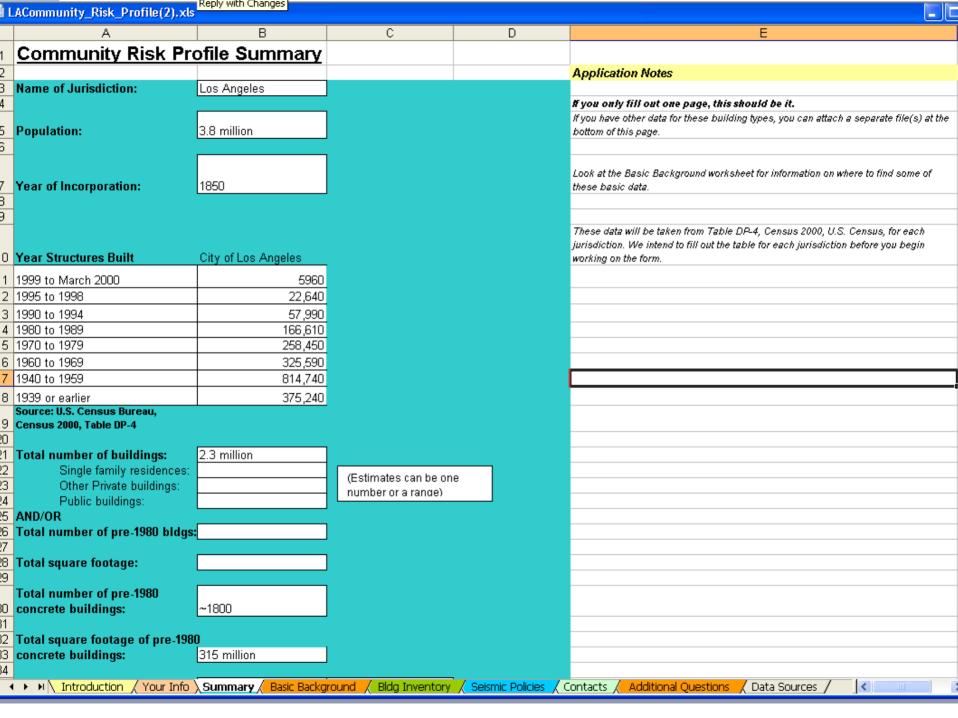
Pages

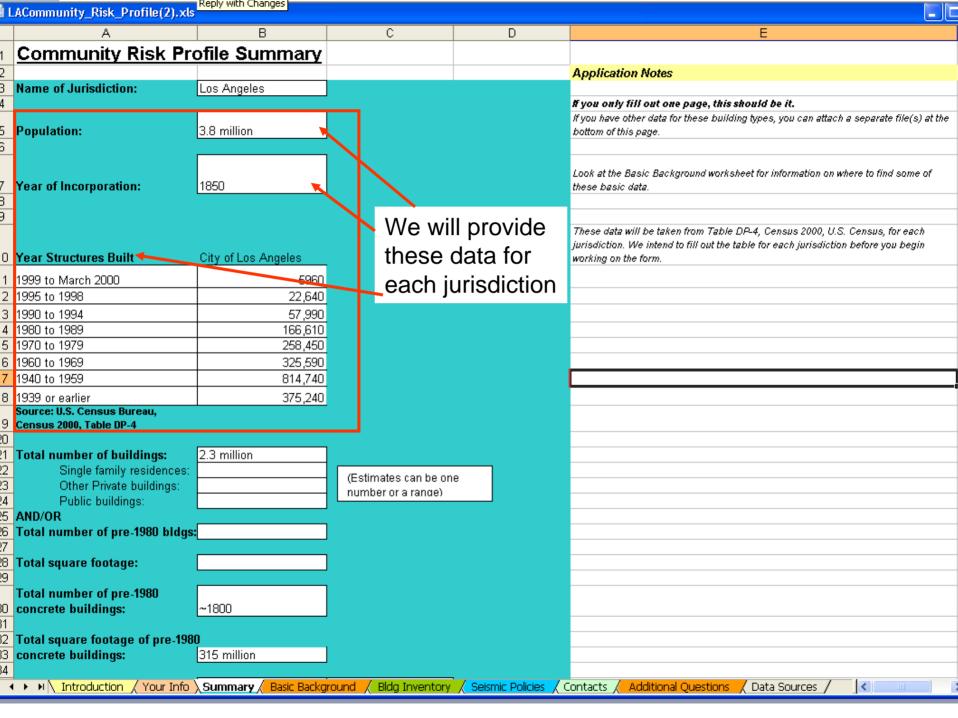
- Background
 - Problem Statement
 - Project Approach
- Project Database Committee
- Project Partners
- Project Steering Committee
- Sponsors
- City Programs
- City of Los Angeles
- Get Involved
 - Basic Building Inventory Project
 - Basic Building Profile
 - California Inventory Project
 - Definitions of Deficiencies
 - Register Your Interest
 - Top Ten Deficiencies
- Resources & Links

Meta

- Site Admin
- Log out
- Entries RSS
- Comments RSS
- WordPress.org

More Cities >





Each community risk profile consists of:

Community Risk Profile Summary

And 5 other worksheets, which are meant to help you get to the "bottom line"—

How many buildings?

How many pre-1980 buildings?

How many pre-1980 concrete buildings?

You do not need to answer every question—they are meant to help you think through the problem, not to make work

The background worksheets are:

Basic Background Data

Building Inventory Data

Seismic Policies

Contacts in the community

Additional questions

You do not need to answer every question—they are meant to help you think through the problem, not to make work

In the next few days, the form will be finalized on the website.

In the meantime, you can download the Excel file from the website—concretecoalition.org/California Inventory project--if you want to begin work.

You do not need to answer every question—they are meant to help you think through the problem, not to make work



Resources & Links

Username:	
Password:	
	Login

Background

Get Involved

Home

To begin entering data online, you need to get a user name and password by contacting Marjorie Greene at EERI: mgreene@eeri.org

City Programs

Pages

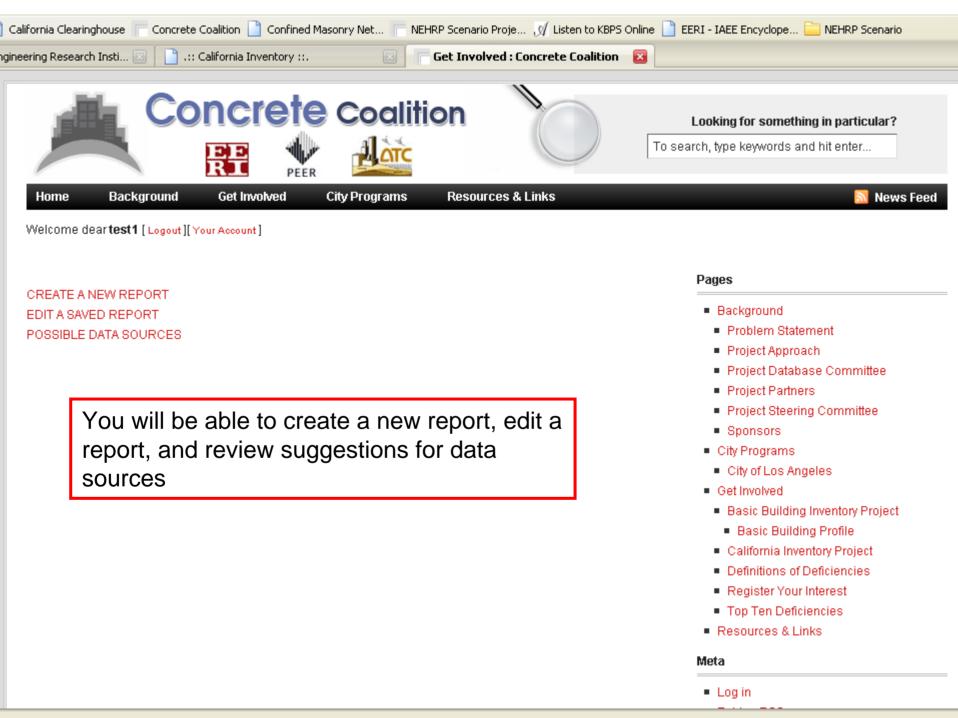
- Background
 - Problem Statement
 - Project Approach
 - Project Database Committee

🚺 News Feed

- Project Partners
- Project Steering Committee
- Sponsors
- City Programs
 - City of Los Angeles
- Get Involved
- Basic Building Inventory Project
 - Basic Building Profile
- California Inventory Project
- Definitions of Deficiencies
- Register Your Interest
- Top Ten Deficiencies
- Resources & Links

Meta

- Log in
- Entries RSS
- Comments RSS





Possible Data Sources

SUGGESTIONS FOR WHERE TO LOOK FOR COMMUNITY DATA:

- Talk to local building official, planning staff
- Look for general plan, comprehensive plan, safety element, disaster mitigation plan
- Look for seismic rehabilitation policies, ordinances
- Is there a Council of Governments such as ABAG or SCAG that might have data?
- Has the community replaced default building data in HAZUS with inventory data?
- Check with local HAZUS Users Group or planning/building staff
- Are there local engineers or architects who can describe particular buildings, or know the neighborhoods where these older buildings might exist?
- Could you look at assessor's data?
- Some cities have public databases such as ZIMAS and LUPAMS in L.A.
- Everyblock.com will work for S.F., L.A. and San Jose
- Google Earth can help with a rough count of buildings per block, general type of building
- Sidewalk surveys for small cities or certain neighborhoods
- Work with building official to gain access to RealQuest, a county database, showing date of construction and material.
- Are there any other inventories, such as URM or older buildings, that might provide clues?
- Concrete Coalition steering committee members are in the process of obtaining hospital, school, university and court data for California jurisdictions, however
- If you have particular knowledge of such buildings, please include it either here or in the building inventory worksheet.

Website and Excel file provide suggestions about where to look for data

We will soon post instructions about how to use Google Earth

Oity Frograms

- City of Los Angeles
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- California Inventory Project
- Definitions of Deficiencies
- Register Your Interest
- Top Ten Deficiencies
- Resources & Links

Meta

- Log in
- Entries RSS
- Comments RSS
- WordPress.org

Resources that may have useful data:







Next Steps

 Once we have data from big cities/cities where we would expect to find significant numbers of these buildings, we need to decide which of these buildings represent the highest risk.







- Preliminary findings from our pilot cities—
 - 6—7 story buildings built in the late 50's/60's, with shear walls in one direction and frames in the other may be the buildings to focus on
 - May not be as many of these buildings as originally estimated (problem may be more manageable)







Lots of ways to approach data collection—each pilot city different







We need your help to really understand the nature of this problem