GEOGRAPHY MATTERS:
Using Maps to Visualize Data

NAOMI CYTRON
COMMUNITY DEVELOPMENT
FEDERAL RESERVE BANK OF SAN FRANCISCO
PUTTING IT ON THE MAP

• Mapping enables exploration of how LMI and minority households are situated relative to regional opportunity structure
  • People, place, and linkages

• Easy-to-understand representations of current configuration of assets can help prompt discussion on the interventions and policies that can be employed to reduce disparities across a region.
  • Placed-based interventions as well as mobility and access strategies
  • Regionalism
## OPPORTUNITY AND ACCESS INDICATORS

### Education
- Student poverty rates
- Reading/math test scores
- Adult educational attainment
- Graduation rate

### Housing
- Rental vs. homeownership
- Foreclosure rates
- Vacancy rates
- Home value appreciation

### Jobs and Economy
- Unemployment rate
- Commute times
- Job growth trends
- Vocational services

### Amenities and services
- Level of public transit service
- Child care services
- Banking/financial services
- Business start trends

### Health and Safety
- Crime rates
- Parks/open space
- Environmental hazards
- Fresh food/full service grocery stores
School Quality and Subsidized Housing in the Bay Area
School Quality and Subsidized Housing in the Bay Area
## BY THE NUMBERS

<table>
<thead>
<tr>
<th>2009 API Range (Quintiles)</th>
<th>Number/Percent Subsidized Housing Developments</th>
<th>Number/Percent Subsidized Housing Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Below 732</td>
<td>507</td>
<td>38,628</td>
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<tr>
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<td>31%</td>
<td>33%</td>
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<tr>
<td>733-780</td>
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<td>29%</td>
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<td>781-824</td>
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<td>825-882</td>
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<td>11%</td>
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<td>883-998</td>
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<td>9,741</td>
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<tr>
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<td>8%</td>
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HIGH POVERTY SCHOOLS
COMMUNITIES OF COLOR
HOUSING STOCK