Transforming the East Bay with a 21st Century Broadband Infrastructure

#ebbroadband
About the Consortium

Regional Initiative of Alameda, Contra Costa and Solano County leaders

Focused on improving broadband deployment, access and adoption in the East Bay

- East Bay Broadband Infrastructure Initiative
- East Bay Connects Campaign
41 Partners from Every Sector

Steering Committee

Funders
What do we mean by broadband?

High Speed Internet you can access—anytime & anywhere
The East Bay
## How Are We Doing on Residential Broadband?

### Residential Broadband Grading Criteria

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Two competing providers, both advertising <strong>maximum download speeds at least 25 Mbps</strong> and maximum <strong>upload speeds of 6 Mbps</strong>, or 3 or more competing providers offering that standard of service in combination.</td>
</tr>
<tr>
<td>B</td>
<td>Competing providers, both advertising <strong>maximum download speeds of at least 10 Mbps</strong> and maximum <strong>upload speeds of 6 Mbps</strong>.</td>
</tr>
<tr>
<td>C</td>
<td>Competing providers, one advertising max down/up speeds of at least <strong>10/6 Mbps</strong> and the remainder meeting CPUC’s minimum 6 down/1.5 up standard.</td>
</tr>
<tr>
<td>D</td>
<td>At least one provider advertising speeds that <strong>meet the CPUC’s minimum standards</strong> of 6 Mbps down and 1.5 Mbps up.</td>
</tr>
<tr>
<td>F</td>
<td>At least one provider offers service, but <strong>no service is available that meets the CPUC’s minimum standard</strong> of 6 Mbps down and 1.5 Mbps up (underserved). Or no service at all (unserved).</td>
</tr>
</tbody>
</table>
How Does a Community Get an “A”?

Features of a community with an “A” grade:

- Two or more providers
- Strong internet speed
- Large capacity

Top 5 Cities:

- Alameda
- Berkeley
- Concord
- Pleasant Hill
- Walnut Creek
Contra Costa County: Grades for Residential Broadband

C & D grades in most cities
Contra Costa County: Map of Business Broadband Service

CONTRA COSTA COUNTY

Service to businesses varies widely across the county
East Bay’s Current Broadband Status

**Broadband is Barely Adequate**

Region meets statewide averages for residential broadband availability and core network infrastructure. However:

- Gaps exist in urban coverage and adoption rates
- There is room for improvement in mobile coverage, even in urban regions
- Parts of the East Bay are lagging behind on broadband
- Future demand requires that we improve our current infrastructure
Broadband Solutions for the 21st Century

How to Improve

• Open, informed dialogue on broadband solutions

• Collaboration and action across communities and the region

• Adopting broadband-favorable policies

• Using the infrastructure already available to us

• Competition between more broadband providers
What’s Next for the Consortium?

CITIES
- Pledge
- Resolution
- Policy

BUSINESSES
- Awareness
- Leadership
- Innovation

COMMUNITIES
- Awareness
- Advocacy
- Strong Broadband

STRATEGY

STRONG ECONOMY

STRONG COMMUNITIES
Our Broadband Vision for the East Bay

• Improve quality of life in the region

• Increase access to quality healthcare, education, social services, public safety and emergency services

• Improve how companies do business by providing them with the tools they need to grow and hire

• Build informed and engaged East Bay community

• Open lines of communication between broadband providers and communities they serve

• Stay ahead of broadband demand with a high-quality, cost-effective broadband infrastructure

• Go from 5 megabytes/second to 100 megabytes/second

• Grow availability and access to 4G broadband
What Can We Do Starting Today?

• Share this information in our community
• Open a community dialogue with the Consortium’s support
• Champion a PLEDGE in support of broadband
• Be part of the East Bay Broadband Consortium
• Support expanded state & federal funding for broadband infrastructure

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How else can we take action?
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Attend our January Summit
Let’s Invest in Our Future Today

www.ebbroadband.org