Appendices

Supplementary Reports, Additional Resources and Maps
Appendix 1
Supplementary Reports and Additional Resources

The Plan Bay Area materials listed below can be found at:

Economic Impact Analysis for Future Regional Plans

Environmental Impact Report

Equity Analysis Report: Including Title VI, Environmental Justice and Equity Analysis for Plan Bay Area

Financial Assumptions

Forecast of Jobs, Population and Housing

Glossary

Government-to-Government Consultation with Native American Tribes

Local Street and Road Needs and Revenue Assessment

Online Project Database and Transportation Project List

Performance Assessment Report

Priority Development Area Development Feasibility and Readiness Assessment

Public Outreach and Participation Program (Volumes 1–4)

Regional Housing Need Plan for the San Francisco Bay Area: 2014–2022

State Highway Needs and Revenue Assessment

Summary of Predicted Land Use Responses

Summary of Predicted Traveler Responses

Transit Operating and Capital Needs and Revenue Assessment

Transportation Air Quality Conformity Analysis for Plan Bay Area and the 2013 Transportation Improvement Program
Appendix 2

Maps

Appendix 2 includes a set of 18 detailed maps of the region showing key resource lands, job and housing growth (2010–2040), and total future housing and job intensities for 2040. For each topic, three close-up maps of different parts of the Bay Area region are included. See page 153 for legend information.

<table>
<thead>
<tr>
<th>Map</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Open Space and Williamson Act Lands: 2013</strong></td>
<td></td>
</tr>
<tr>
<td>14 North Bay/West: Open Space and Williamson Act Lands</td>
<td>135</td>
</tr>
<tr>
<td>15 Northeast and Central Bay: Open Space and Williamson Act Lands</td>
<td>136</td>
</tr>
<tr>
<td>16 South and West Bay: Open Space and Williamson Act Lands</td>
<td>137</td>
</tr>
<tr>
<td><strong>Resource Lands: 2013</strong></td>
<td></td>
</tr>
<tr>
<td>17 North Bay/West: Resource Lands</td>
<td>138</td>
</tr>
<tr>
<td>18 Northeast and Central Bay: Resource Lands</td>
<td>139</td>
</tr>
<tr>
<td>19 South and West Bay: Resource Lands</td>
<td>140</td>
</tr>
<tr>
<td><strong>Job Growth: 2010–2040</strong></td>
<td></td>
</tr>
<tr>
<td>20 North Bay/West: Change in Jobs per Acre — 2010–2040</td>
<td>141</td>
</tr>
<tr>
<td>21 Northeast and Central Bay: Change in Jobs per Acre — 2010–2040</td>
<td>142</td>
</tr>
<tr>
<td>22 South and West Bay: Change in Jobs per Acre — 2010–2040</td>
<td>143</td>
</tr>
<tr>
<td><strong>Household Growth: 2010–2040</strong></td>
<td></td>
</tr>
<tr>
<td>23 North Bay/West: Change in Households per Acre — 2010–2040</td>
<td>144</td>
</tr>
<tr>
<td>24 Northeast and Central Bay: Change in Households per Acre — 2010–2040</td>
<td>145</td>
</tr>
<tr>
<td>25 South and West Bay: Change in Households per Acre — 2010–2040</td>
<td>146</td>
</tr>
<tr>
<td><strong>Jobs per Acre in 2040</strong></td>
<td></td>
</tr>
<tr>
<td>26 North Bay/West: Jobs per Acre in 2040</td>
<td>147</td>
</tr>
<tr>
<td>27 Northeast and Central Bay: Jobs per Acre in 2040</td>
<td>148</td>
</tr>
<tr>
<td>28 South and West Bay: Jobs per Acre in 2040</td>
<td>149</td>
</tr>
<tr>
<td><strong>Households per Acre in 2040</strong></td>
<td></td>
</tr>
<tr>
<td>29 North Bay/West: Households per Acre in 2040</td>
<td>150</td>
</tr>
<tr>
<td>30 Northeast and Central Bay: Households per Acre in 2040</td>
<td>151</td>
</tr>
<tr>
<td>31 South and West Bay: Households per Acre in 2040</td>
<td>152</td>
</tr>
<tr>
<td><strong>Legend Information for Plan Bay Area Maps</strong></td>
<td>153</td>
</tr>
</tbody>
</table>
MAP 15  Northeast and Central Bay: Open Space and Williamson Act Lands

Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county. See page 153 for legend information.

MAP 16  South and West Bay: Open Space and Williamson Act Lands

Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county. See page 153 for legend information.
MAP 17 North Bay/West: Resource Lands

Resource Lands
- Farmland
- Critical Habitat
- Grazing Lands

POPULATION
- Oakland: > 350,000
- Benicia: 24,000 - 100,000
- Pacifica: < 50,000

Maps
- North Bay/West: Resource Lands
- Northeast and Central Bay: Resource Lands

Influence. These areas may also include Open Space/Parks, Riparian Corridors, Hillside Areas, Greenbelt Reserves, Floodplains and developed purposes. Also may include areas within Urban Growth Boundaries/Urban Limit Lines, Urban Service Areas, and Spheres of Williamson Act Lands. See "Open Space and Williamson Act Lands" map for the location of these areas.

Includes land that may be designated as Urban and Built-up as defined by the Farmland Mapping and Monitoring Program in 2010. These lands include areas occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, contractors, institutional public administrative, salubrity and other transportation yards, cemeteries, airports, golf courses, sanitary landfill, sewage treatment, water control structures, and other development purposes. Also may include areas within Urban Growth Boundaries/Urban Limit Lines, Urban Service Areas, and Spheres of Williamson Act Lands. See "Open Space and Williamson Act Lands" map for the location of these areas.

Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county. See page 153 for legend information.

Appendix 2 | Maps

MAP 18 Northeast and Central Bay: Resource Lands

Resource Lands
- Farmland
- Critical Habitat
- Grazing Lands

POPULATION
- Oakland: > 350,000
- Benicia: 24,000 - 100,000
- Pacifica: < 50,000

Maps
- North Bay/West: Resource Lands
- Northeast and Central Bay: Resource Lands

Influence. These areas may also include Open Space/Parks, Riparian Corridors, Hillside Areas, Greenbelt Reserves, Floodplains and developed purposes. Also may include areas within Urban Growth Boundaries/Urban Limit Lines, Urban Service Areas, and Spheres of Williamson Act Lands. See "Open Space and Williamson Act Lands" map for the location of these areas.

Includes land that may be designated as Urban and Built-up as defined by the Farmland Mapping and Monitoring Program in 2010. These lands include areas occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, contractors, institutional public administrative, salubrity and other transportation yards, cemeteries, airports, golf courses, sanitary landfill, sewage treatment, water control structures, and other development purposes. Also may include areas within Urban Growth Boundaries/Urban Limit Lines, Urban Service Areas, and Spheres of Williamson Act Lands. See "Open Space and Williamson Act Lands" map for the location of these areas.

Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county. See page 153 for legend information.
Critical Habitat

Map #6 South and West Bay: Resource Lands

Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county.

See page 153 for legend information.

Includes land that may be designated as Urban and Built-up as defined by the Farmland Mapping and Monitoring Program in 2010. These lands include areas occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, construction, institutional, public administration, railroad and other transportation yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other development purposes. Also may include areas within Urban Growth Boundaries/Urban Limit Lines, Urban Service Areas, and Spheres of Influence. These lands include areas occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, construction, institutional, public administration, railroad and other transportation yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other development purposes. Also may include areas within Urban Growth Boundaries/Urban Limit Lines, Urban Service Areas, and Spheres of Influence. These lands include areas occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, construction, institutional, public administration, railroad and other transportation yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other development purposes.

MAP 20 North Bay/West: Change in Jobs per Acre — 2010–2040

Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county.

See page 153 for legend information.

Includes areas within Urban Growth Boundaries/Urban Limit Lines, Urban Service Areas, and Spheres of Influence. These lands include areas occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, construction, institutional, public administration, railroad and other transportation yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other development purposes.
A Planned PDA has a formally adopted plan, as determined by a local jurisdiction.

A Potential PDA requires more local planning, review and action before it can become a Planned PDA.

Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county.

Change in Jobs per Acre, 2010 - 2040

Priority Development Areas

- Planned
  - A Planned PDA has a formally adopted plan, as determined by a local jurisdiction.

- Potential
  - A Potential PDA requires more local planning, review and action before it can become a Planned PDA.

Urban Areas

Urban Boundary Zones:

- Urban Areas: Includes land designated as Urban and Built-up as defined by the Farmland Mapping and Monitoring Program in 2010. These lands include areas occupied by structures with a building density of at least 1 unit to 1.5 acres or approximately 6 structures to a 10-acre parcel.

- Urbanized Areas: Includes areas within Urban Growth Boundaries / Urban Limit Lines, Urban Service Areas, and Spheres of Influence.

- Urbanized Areas: Includes land designated as Urban and Built-up as defined by the Farmland Mapping and Monitoring Program in 2010. These lands include areas occupied by structures with a building density of at least 1 unit to 1.5 acres or approximately 6 structures to a 10-acre parcel.

- Urban Boundary Zones: Includes areas within Urban Growth Boundaries / Urban Limit Lines, Urban Service Areas, and Spheres of Influence.

- Urban Boundary Zones: Includes areas within Urban Growth Boundaries / Urban Limit Lines, Urban Service Areas, and Spheres of Influence.
**Map 25: South and West Bay: Change in Households per Acre — 2010–2040**

**Change in Households per Acre, 2010–2040**

- **1-8 Kilometers:**
  - Very Low: 
  - Low: 
  - Medium Low: 
  - Medium: 
  - High: 
  - Very High: 

- **8-10 Kilometers:**
  - Very Low: 
  - Low: 
  - Medium Low: 
  - Medium: 
  - High: 
  - Very High: 

- **10-30 Kilometers:**
  - Very Low: 
  - Low: 
  - Medium Low: 
  - Medium: 
  - High: 
  - Very High: 

**Priority Development Areas**

- Planned: A Planned PDA has a formally adopted plan, as determined by a local jurisdiction.
- Potential: A Planned PDA requires more local planning, review and action before it can become a Planned PDA.

**Urbanized Areas**

- Urban and Built-up as defined by the Farmland Mappings and Monitoring Program in 2010.
- Includes land designated as Urban and Built-up as defined by the Farmland Mappings and Monitoring Program in 2010. This land is used for residential, industrial, commercial, institutional, public administration, cultural and other transportation parks, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other developed purposes.

**Urban Boundary Zones**

- Priority Development Areas within Urban Growth Boundaries/Urban Limit Lines.
- Urban Service Areas and Spheres of Influence.

**Urban Boundary Zones**

- Includes areas within Urban Growth Boundaries/Urban Limit Lines.
- Urban Service Areas and Spheres of Influence.

**Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county.**

---

**Map 26: North Bay/West: Jobs per Acre in 2040**

**Jobs per Acre in 2040**

- **1-8 Kilometers:**
  - Very Low: 
  - Low: 
  - Medium Low: 
  - Medium: 
  - High: 
  - Very High: 

- **8-10 Kilometers:**
  - Very Low: 
  - Low: 
  - Medium Low: 
  - Medium: 
  - High: 
  - Very High: 

- **10-30 Kilometers:**
  - Very Low: 
  - Low: 
  - Medium Low: 
  - Medium: 
  - High: 
  - Very High: 

**Priority Development Areas**

- Planned: A Planned PDA has a formally adopted plan, as determined by a local jurisdiction.
- Potential: A Planned PDA requires more local planning, review and action before it can become a Planned PDA.

**Urbanized Areas**

- Urban and Built-up as defined by the Farmland Mappings and Monitoring Program in 2010.
- Includes land designated as Urban and Built-up as defined by the Farmland Mappings and Monitoring Program in 2010. This land is used for residential, industrial, commercial, institutional, public administration, cultural and other transportation parks, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other developed purposes.

**Urban Boundary Zones**

- Priority Development Areas within Urban Growth Boundaries/Urban Limit Lines.
- Urban Service Areas and Spheres of Influence.

**Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county.**
Priority Development Areas

- Planned
- Potential

Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county.

Urban Areas

- Urbanized Areas
- Urban Boundary Zones

Maps

Jobs per Acre in 2040

MAP 27 Northeast and Central Bay: Jobs per Acre in 2040

MAP 28 South and West Bay: Jobs per Acre in 2040

Appendix 2 | Maps

Plan Bay Area
Households per Acre in 2040

Priority Development Areas
- Planned
  A Planned PDA has a formally adopted plan, as determined by a local jurisdiction.
- Potential
  A Potential PDA requires more local planning, review and action before it can become a Planned PDA.

Urban Areas

Urban Boundary Zones

Urbanized Areas

Urban Boundary Zones: Includes areas within Urban Growth Boundaries/Urban Limit lines, Urban Service Areas and Spheres of Influence.

Map is for general information. For more information on local zoning or designations for a particular site or parcel, please contact your city or county.
Legend Information for Plan Bay Area Maps

**Data**

**Critical Habitat**
- Source: National Marine Fisheries Service; U.S. Fish and Wildlife Service; California Department of Fish and Wildlife; California Natural Diversity Database.

**Farmland**

**Floodplains**
- Source: U.S. Federal Emergency Management Agency; data compiled by Greenbelt Alliance staff in February 2012.

**Grazing Lands**

**Greenbelt Reserves**
- Source: Based on Local Jurisdiction General Plan maps. Data compiled by Greenbelt Alliance staff in March 2012.

**Hillside Areas**
- Source: Based on local jurisdiction General Plan maps. Data compiled by Greenbelt Alliance staff in March 2012.

**Priority Development Areas**

**Rail Lines**
- Source: Bay Area Rapid Transit (BART). Map Bay Area Appendix 2.

**Urbanized Areas**
- Source: Urban and Built-up as defined by the Farmland Mapping and Monitoring Program in 2010. These lands include areas occupied by structures with a building density of at least 1 unit in 1 acre or approximately 1 structure to 50-acre parcel. The land is used for residential, commercial, institutional, public administration, industrial and other transportation parks, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, waste control structures and other developed purposes.

**Urban Boundary Zones**
- Source: Defined by the FMMP in 2010, this category includes land on which the existing vegetation is suited to the grazing of livestock. This category was developed in cooperation with the California Cattlemen’s Association, University of California Cooperative Extension and other groups interested in the extent of grazing activities.

**Greenbelt Reserves**
- Source: Large open space reserves that are set aside permanently or temporarily by a single jurisdiction or several jurisdictions.

**Hillside Areas**
- Source: Hillside areas identified as important for protection or conservation based on city and county general plans. Policies mapped include areas identified based up the slope of a hill, the area above a certain elevation, and the area within a certain vertical or horizontal distance from a ridge line.

Continues on following page
### Legend Information for Plan Bay Area Maps (Continued)

<table>
<thead>
<tr>
<th>Data</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Priority Conservation Areas</strong>&lt;br&gt;&lt;br&gt;Source: Association of Bay Area Governments, 2013.</td>
<td>These areas include lands of regional significance that have broad community support and an urgent need for protection. These areas provide important agricultural, natural resource, historical, scenic, cultural, recreational, and/or ecological values and ecosystem functions.</td>
</tr>
<tr>
<td><strong>Publicly Owned Parks and Open Space</strong>&lt;br&gt;&lt;br&gt;Source: Data is derived from the Bay Area Protected Areas Database, Bay Area Open Space Council, 2012; California State Park Boundaries, 2012; The Conservation Lands Network, 2012.</td>
<td>These areas include publicly owned lands that are accessible to the public.</td>
</tr>
<tr>
<td><strong>Riparian Corridors</strong>&lt;br&gt;&lt;br&gt;Source: Based upon local jurisdiction General Plan maps. Data compiled by Greenbelt Alliance staff in November 2011.</td>
<td>A policy that limits or prohibits new construction within a certain distance from rivers and streams to avoid the adverse impacts of urban development, such as pollution runoff, erosion and habitat degradation.</td>
</tr>
<tr>
<td><strong>Urban Boundary Zones</strong>&lt;br&gt;&lt;br&gt;Source: Based upon local jurisdiction General Plan maps. Data compiled by ABAG Planning staff, March 2012.</td>
<td>Includes areas within Urban Growth Boundaries/Urban Limit Lines, Urban Service Areas and Spheres of Influence. For more information, see the supplementary report, <em>Summary of Predicted Land Use Responses</em>.</td>
</tr>
<tr>
<td><strong>Urbanized Areas</strong>&lt;br&gt;&lt;br&gt;Source: Farmland Mapping and Monitoring Program, 2010.</td>
<td>Includes land designated as Urban and Built-up as defined by the Farmland Mapping and Monitoring Program in 2010. These lands include areas occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, construction, institutional, public administration, railroad and other transportation yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other developed purposes.</td>
</tr>
<tr>
<td><strong>Williamson Act Lands</strong>&lt;br&gt;&lt;br&gt;Source: Williamson Act Program, California Department of Conservation, 2006.</td>
<td>The California Land Conservation Act of 1965 — commonly referred to as the Williamson Act — enables local governments to enter into contracts with private landowners for the purpose of restricting specific parcels of land to agricultural or related open space use. Some Williamson Act contracts are set to expire and be decommissioned during the plan period.</td>
</tr>
</tbody>
</table>