

Summary of Updates to the Handbook



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This appendix summarizes the revisions and updates made to the Handbook since the 2021 comprehensive Update. The following table presents a description of the updates by section.

2024 Update

Handbook Section	Description of Update
Title Page 2	<p>Updated the Final Draft date from December 2021 to October 2024.</p> <p>Updated the copyright year from 2021 to 2024.</p> <p>Added the Ramboll Americas Engineering Solutions, Inc. and U.S. Environmental Protection Agency logos.</p>
Acknowledgements	<p>Re-labeled the previous acknowledgements page to <i>Acknowledgements 2021 Update</i>.</p> <p>Added a new acknowledgements page for the 2024 Update, including Ramboll Americas Engineering Solutions, Inc.; the Capital Region Priorities Plan Steering Committee; and the CalEEMod focus group.</p>
Acknowledgements: Funding Partners	Added a funding partners description for the 2024 Update, which includes the U.S. Environmental Protection Agency (via the Inflation Reduction Act of 2022 and the Climate Pollution Reduction Grants program) and the Sacramento Metropolitan Air Quality Management District.
An Important Consideration	Added a reference to Appendix F (this appendix) that summarizes the 2024 Updates.
Chapter 1: Process and Approach for Handbook Development	Added text to explain that the CAPCOA Board added 11 new quantified measures in 2024.
Chapter 2: Integrated and Resilient Planning	<p>In <i>Exposure to Environmental Burdens</i>, updated text to reflect the most recent version of CalEnviroScreen (version 4.0) and most recent definition of a disadvantaged community based on CalEPA's update from May 2022. Updated Figure 2-1 to include the most recent designations of disadvantaged and low-income communities from May 2022.</p> <p>In <i>Clean Air Act and Greenhouse Gases</i>, added a description of Executive Order 14008 from 2021.</p> <p>In <i>GHG Reduction Goals and Strategies</i>, added minor text updates for the 2022 Scoping Plan Update and Assembly Bill 1279.</p> <p>In <i>Clean Energy and Conservation</i>, added minor text updates for the 2022 CALGreen standards.</p>

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Chapter 3: Measures to Reduce GHG Emissions	<p>In <i>Categorizing Measures</i>, updated the sector descriptions to accurately characterize the sectors with the addition of the new measures.</p> <p>In <i>Categorizing Measures</i>, updated the sector navigation tree figures to account for the new measures.</p> <p>In <i>Exclusion of Lifecycle and Biogenic CO₂ Emissions</i>, added a discussion of the Energy sector because of the new biomass measure (Measure E-26).</p> <p>In <i>Supporting or Non-Quantified GHG Reduction Measures</i>, added an explanation of why the numbering scheme for the measures is non-sequential. Also removed from Table 3-1 the non-quantified measures that are quantifiable as of the 2024 Update (Measures T-40, T-46, E-21, and S-3).</p> <p>In <i>Transportation</i>, updated the sector navigation tree figure. Under <i>Combining Measures Across Scales</i>, updated the measure totals for the Project/Site and Plan/Community scales. Under <i>Combining Measures within a Subsector</i>, updated the total number of subsectors from six to seven and added a reference to the new School Programs subsector; updated the number of quantified measures and subsector maximums in the table.</p> <p>In <i>Transportation</i>, for Measures T-1, T-2, T-3, and T-4, updated the measures included under <i>Subsector Maximum</i> to also include new Measure T-55. For Measures T-19-A, T-19-B, T-20, T-21-A, T-21-B, T-22-A, T-22-B, T-22-C, updated the measures included under <i>Subsector Maximum</i> to also include new Measure T-22-D. For Measures T-25, T-26, T-27, T-28, T-29, updated the measures included under <i>Subsector Maximum</i> to also include new Measure T-46.</p> <p>In <i>Transportation</i>, added five measure factsheets (Measures T-22-D, <i>Transition Conventional to Electric Bikeshare</i>; T-40, <i>Establish a School Bus Program</i>; T-46, <i>Provide Transit Shelters</i>; T-55, <i>Infill Development</i>; and T-56, <i>Active Modes of Transportation for Youth</i>).</p> <p>In <i>Energy</i>, updated the sector navigation tree figure. Also added text to note the lifecycle considerations that are relevant to new Measure E-26, under <i>Measures to Increase Renewable Energy Generation</i>.</p> <p>In <i>Energy</i>, added two measure factsheets (Measures E-21, <i>Install Cool Pavement</i>, and E-26, <i>Biomass Energy</i>).</p> <p>In <i>Solid Waste</i>, updated the sector introduction discussion to account for the new Solid Waste measure (Measure S-3). Also updated the sector navigation tree figure.</p>

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	<p>In <i>Solid Waste</i>, added one measure factsheet (Measure S-3, <i>Require Edible Food Recovery Program Partnerships with Food Generators</i>).</p> <p>In <i>Natural and Working Lands</i>, updated the sector introduction discussion to account for the new Natural and Working Lands measures (Measures N-7 and N-8). Also updated the sector navigation tree figure.</p> <p>In <i>Natural and Working Lands</i>, added two measure factsheets (Measures N-7, <i>Wildfire Resilience</i>, and Management and N-8, <i>Agricultural Equipment Efficiency</i>).</p> <p>In <i>Construction</i>, added text to the measure description for Measure C-1-A, <i>Use Electric or Hybrid Powered Equipment</i>, to explain that there are similar measures in other sectors (i.e., new Measures N-8 and M-6).</p> <p>In <i>Miscellaneous</i>, updated the sector introduction discussion to account for the new Miscellaneous measure (Measure M-6). Also updated the sector navigation tree figure.</p> <p>In <i>Miscellaneous</i>, added one measure factsheet (Measure M-6, <i>Off-Road Equipment Efficiency</i>).</p>
Chapter 5: Measures for Advancing Health and Equity	In <i>Statewide Goals and Policies</i> , updated text to reflect the most recent definition of a disadvantaged community based on CalEPA's update from May 2022.
Appendix A: Key Terms and Definitions	To the definition of Disadvantaged Community, updated the text to reflect the most recent definition based on CalEPA's update from May 2022.
Appendix B: Federal and State Planning Framework	<p>Added a description of the 2022 <i>Climate Change Scoping Plan</i>, Executive Order N-82-20, and AB 1279 (<i>the Climate Crisis Act</i>).</p> <p>To <i>Public Health and Equity</i>, updated text to reflect the most recent definition of a disadvantaged community based on CalEPA's update from May 2022.</p>
Appendix C: Emission Factors and Data Tables	Added the following tables associated with the new measures: Tables T-40.1, T-40.2, E-21.1, E-26.1, E-26.2, S-3.1, and S-3.2.
Appendix E: Measure Index	Added the new GHG reduction measures to the appropriate topics and focus areas.