

Compact Climate Assessment Tool

2020 REGIONAL CLIMATE ACTION SNAPSHOT



Implementation support
provided by:



Report prepared by:

Institute for Sustainable Communities (on behalf of the Southeast Florida Regional Climate Change Compact)

March 2022

ABOUT THE DOCUMENT

In the Summer of 2021, the Compact invited the 111 local and tribal governments in the region to respond to a voluntary survey in order to inform a baseline understanding of regional progress toward the 11 climate mitigation and adaptation priorities identified in the [Compact Climate Assessment Tool \(C-CAT\)](#). This voluntary survey was open from July to September 2021. The Compact intends to invite participation in this survey annually, and in subsequent years seeks to capture annual progress on each of the 11 priority actions.

The charts and graphs outlined below are intended as a snapshot of the progress being made on the 11 priority mitigation and adaptation actions by the 27 local and tribal governments who completed the survey. To view individual government responses, please see the [local government matrix](#), where you can download survey responses from the Compact's website:

<https://southeastfloridaclimatecompact.org/c-cat-2020-regional-climate-assessment-snapshot/>

ABOUT THE SURVEY RESPONSES

Given the limited capacity of many municipalities, and the desire to not place additional burden on their limited resources through this survey process, the Compact designed this survey to capture coarse information regarding broad categories of mitigation and adaptation actions. While the results demonstrate positive progress toward both the mitigation and adaptation priorities outlined among survey respondents, there is still significant work to be done across various priorities—as well as the work to ensure equity is at the center of climate change action—which will undoubtedly require continued commitment and ambition, funding, and collaboration. Documentation provided by the respondents can be found on the [local government matrix](#) below.

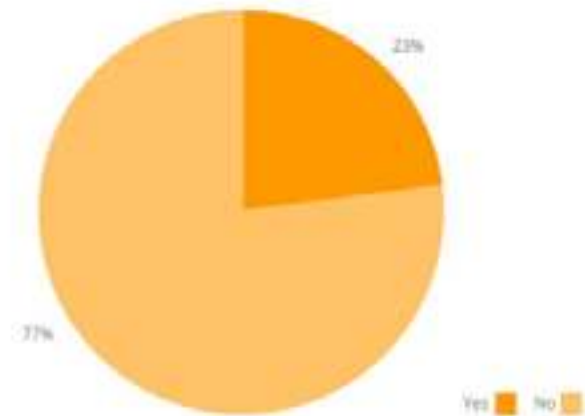
The southeast Florida region has both much at stake from climate change impacts and enormous opportunity from a strong response. Fundamentally, this response requires a transformation of government operations to ensure resilience, equity, and low-carbon principles are embedded holistically and as a matter of course. It should also be noted that as a self-assessment tool, the Compact does not validate the activities reported via the survey. Local and tribal governments were encouraged to include backup documentation to support their self-reporting (i.e. linking to resolutions, budget items, referenced plans, etc.), as well as provide a public comment/resident review period.

Regional Snapshot

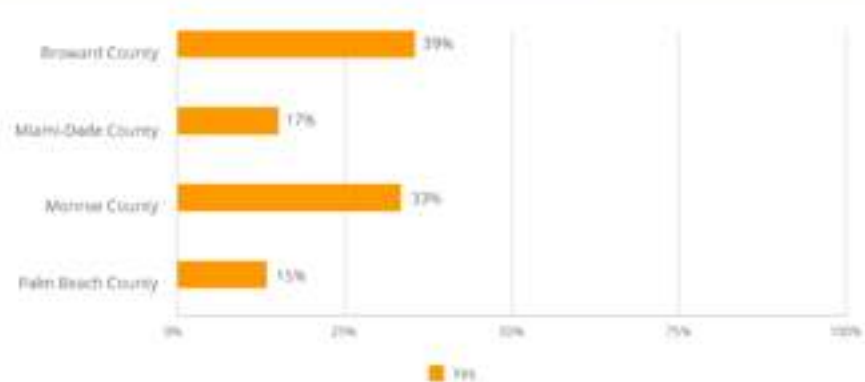
How many local/tribal governments in Southeast Florida (inclusive of the Compact region of Broward, Miami-Dade, Monroe, and Palm Beach) are reporting on their climate change activities?

Twenty-seven local and tribal governments in the region, inclusive of Broward, Miami-Dade, Palm Beach and Monroe counties responded to the survey. 39% percent of the total local/tribal governments in Broward County, 17% of Miami-Dade's local/tribal governments, 33% of Monroe's local/tribal governments, and 15% of Palm Beach's local/tribal governments responded to the survey.

Response Rate of Local/Tribal Governments Across the Region

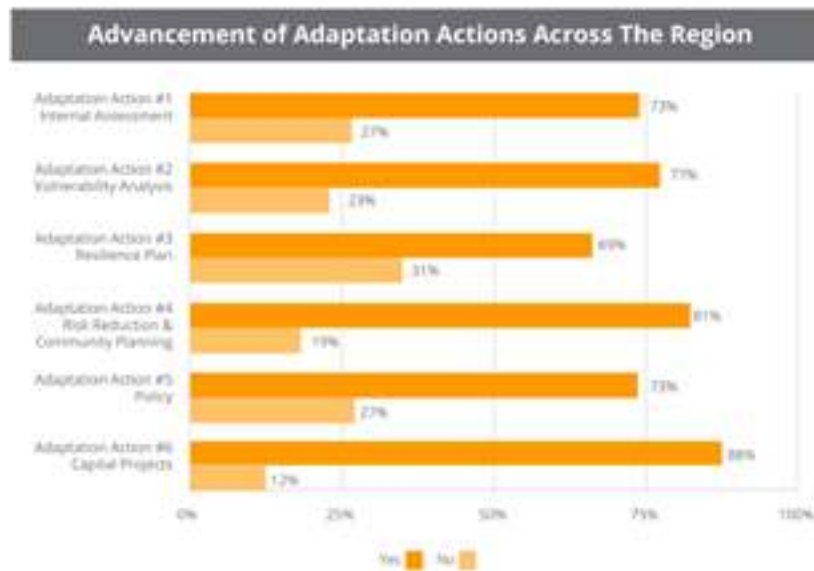


Response Rate as Compared to Total Number of Local/Tribal Government by County



What are the priority actions where local/tribal governments are making the most progress?

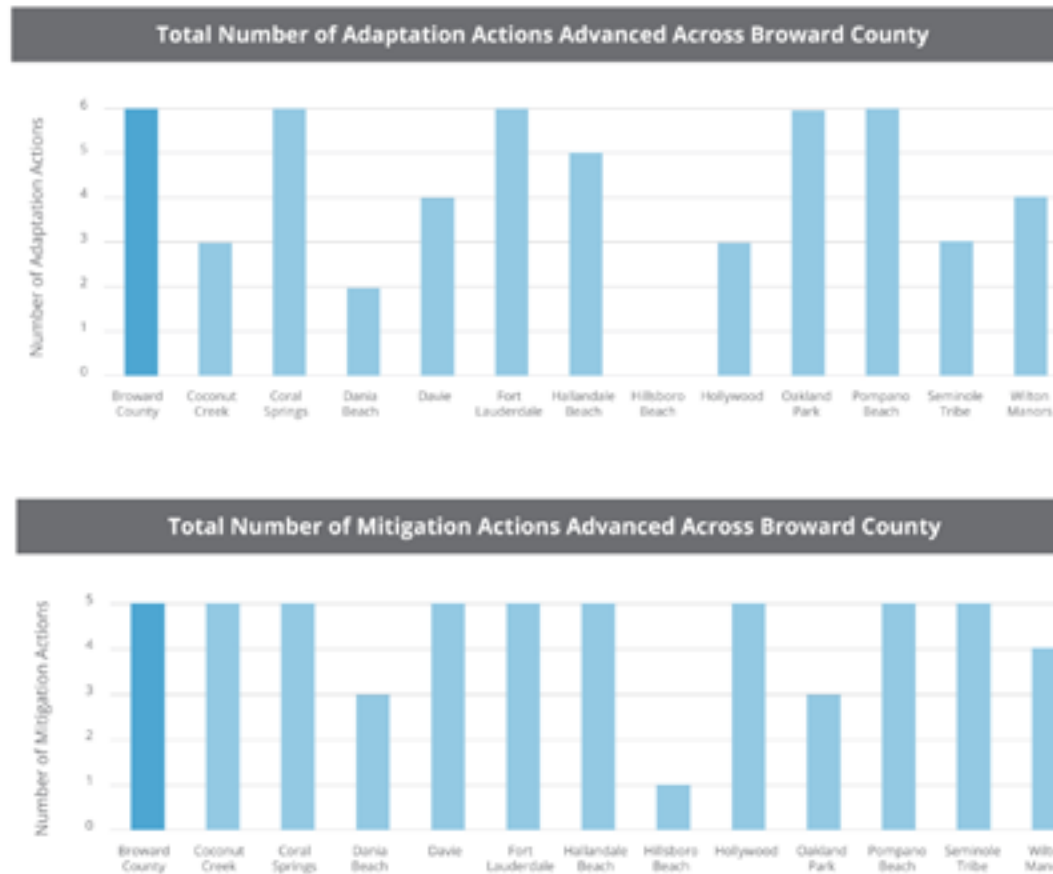
Related to mitigation priorities, responding local/tribal governments are making the most progress on advancing activities to expand electric vehicles (85%) and reduce vehicle miles traveled (85%). Related to adaptation priorities, responding local/tribal governments are making the most progress on capital projects (88%).



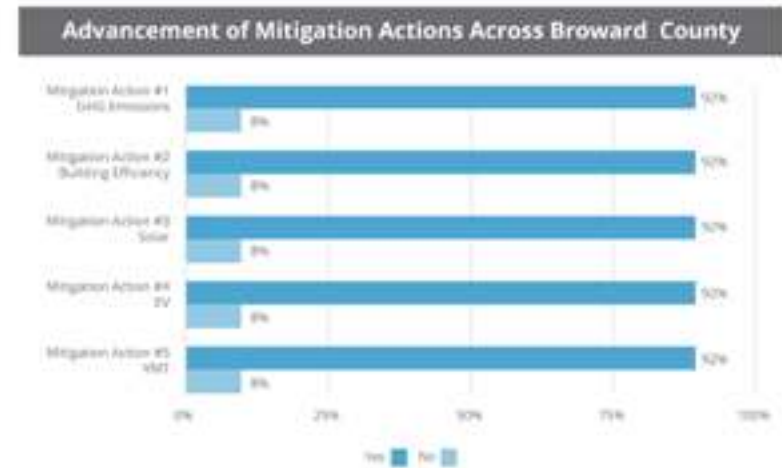
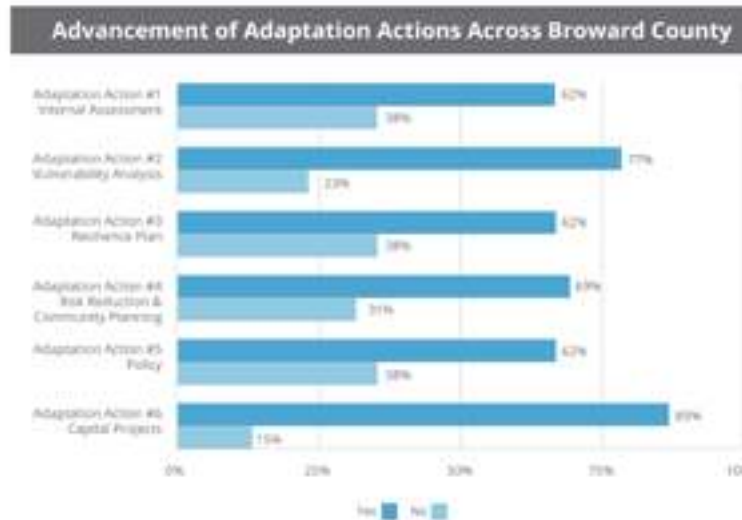
County Snapshot

Broward County

There are 33 local and tribal governments in Broward County, inclusive of the county itself. 13 local/tribal governments, including Broward County responded to the survey. Among respondents in Broward County, 69% are advancing all five priority mitigation actions and 38% are advancing all six priority adaptation actions.



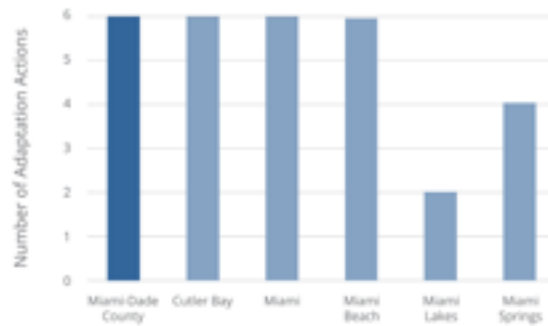
Related to mitigation priorities, respondents in Broward County are advancing equally the five mitigation actions, with 92% of respondents indicating they are advancing each of these priorities. Related to adaptation priorities, in Broward County, the most progress is being made on advancing capital projects, with 85% of respondents indicating they are advancing this action.



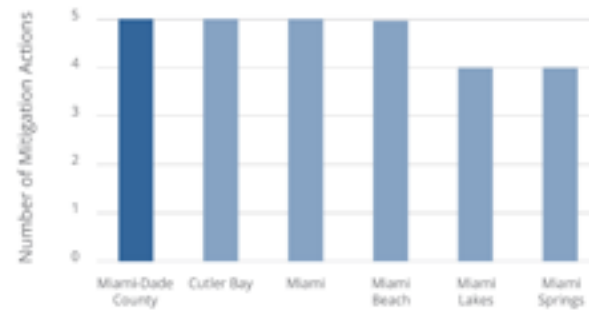
Miami Dade County

There are 36 local and tribal governments in Miami-Dade County, inclusive of the county itself. Six local/tribal governments, including Miami-Dade County responded to the survey. Among respondents in Miami-Dade County, 67% are advancing all five priority mitigation actions and 67% are advancing all six priority adaptation actions.

Total Number of Adaptation Actions Advanced Across Miami-Dade County

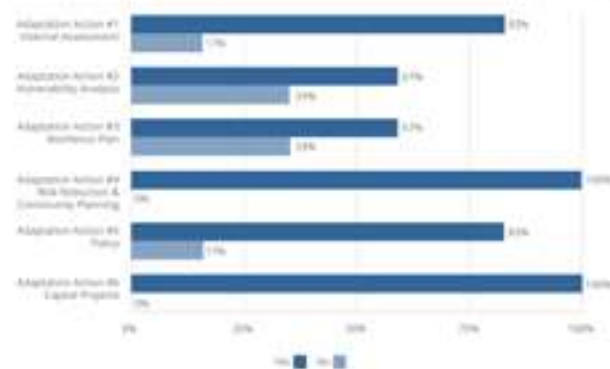


Total Number of Mitigation Actions Advanced Across Miami-Dade County

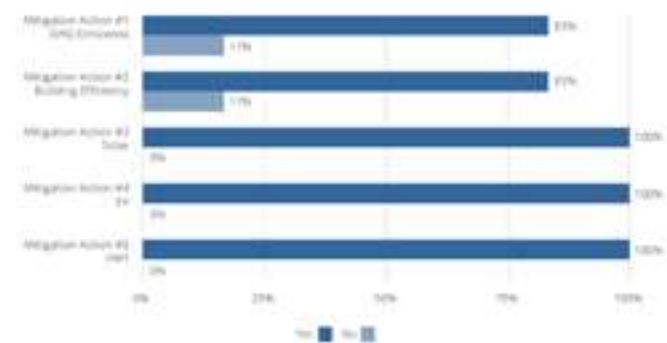


Mitigation actions related to expanding solar and EV, and reducing vehicle miles traveled are being advanced by 100% of respondents in Miami-Dade County. Adaptation actions pertaining to risk reduction & community adaptation action, and capital projects are being advanced by 100% of Miami-Dade County respondents.

Advancement of Adaptation Actions Across Miami-Dade County



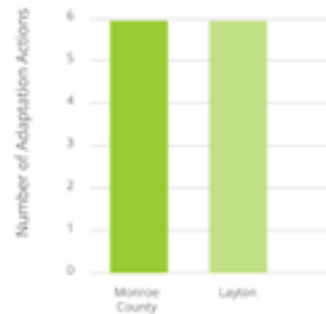
Advancement of Mitigation Actions Across Miami-Dade County



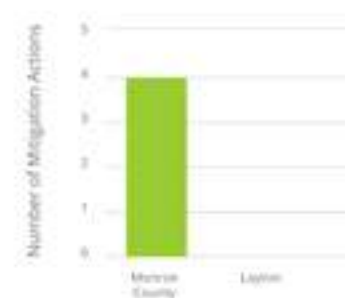
Monroe County

There are six local and tribal governments in Monroe County, inclusive of the county itself. Two local/tribal governments, including Monroe County responded to the survey. Monroe county is advancing four of the five priority mitigation actions, and both Monroe County and Layton are advancing all six priority adaptation actions.

Total Number of Adaptation Actions Advanced Across Monroe County

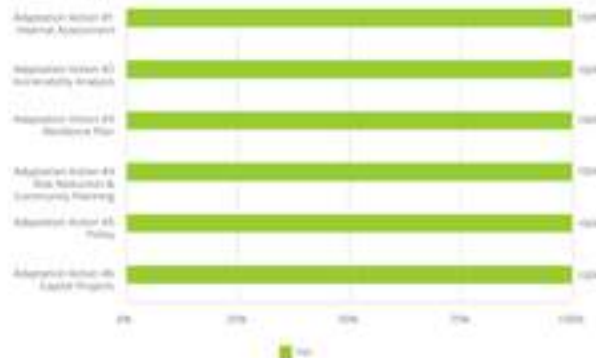


Total Number of Mitigation Actions Advanced Across Monroe County

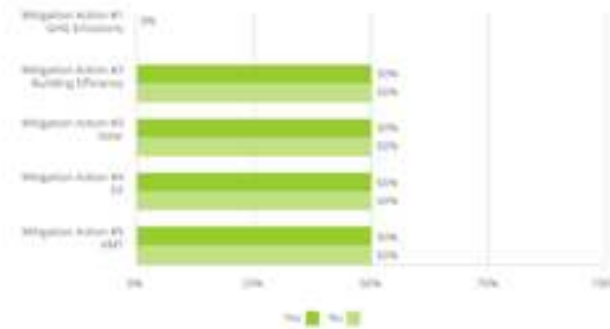


Mitigation actions related to building efficiency, expanding solar and EVs, and reducing vehicle miles traveled are being advanced by Monroe County. All six priority mitigation adaptation actions are being advanced by both Monroe County and Layton.

Advancement of Adaptation Actions Across Monroe County

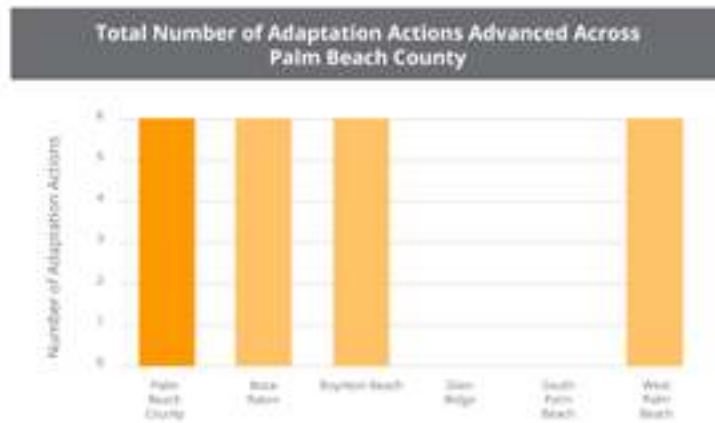


Advancement of Mitigation Actions Across Monroe County



Palm Beach County

There are 40 local and tribal governments in Palm Beach County, inclusive of the county itself. Six local/tribal governments, including Palm Beach County responded to the survey. Among respondents in Palm Beach County, 67% are advancing all five priority mitigation actions and 67% are advancing all six priority adaptation actions.



Interestingly, among respondents in Palm Beach, all 11 priority mitigation and adaptation actions are being advanced equally, with 67% of respondents indicating progress across all priority areas.



Local/Tribal Government Responses

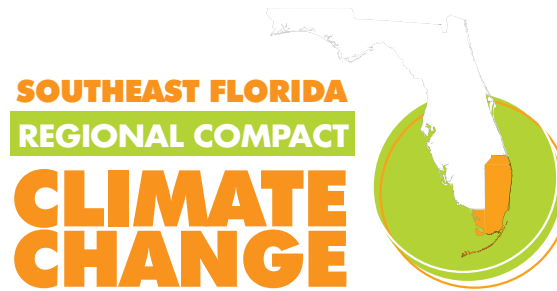
The below table provides a snapshot of the responses from the local and tribal governments who responded to the survey, only. If the government indicated in their survey response that equity is being advanced as part of the priority action, an “E” is indicated in the table. It should be noted that related to the mitigation priorities, the survey captured whether equity is being embedded across a variety of categories such as assessment/planning, budget/investment, program development, education/outreach, etc. under each mitigation priority.

If the government indicated that equity is being advanced within any of these categories, an “E” is denoted in the table for that priority given some degree of progress is being made. The demarcation is in no way intended to convey that such progress on equity is all-encompassing, exhaustive, or that the work related to centering equity within these priorities is complete. To view detailed information pertaining to each local government’s equity, mitigation, and adaptation work, full survey responses and all supporting documentation can be downloaded from the Compact’s Climate Assessment Tool website:

<https://southeastfloridaclimatecompact.org/c-cat-2020-regional-climate-assessment-snapshot/>.

	Mitigation Action #1: GHG Emissions	Mitigation Action #2: Building Efficiency	Mitigation Action #3: Solar	Mitigation Action #4: EV	Mitigation Action #5: VMT	Adaptation Action #1: Internal Assessment	Adaptation Action #2: Vulnerability Analysis	Adaptation Action #3: Resilience Plan	Adaptation Action #4: Risk Reduction & Community Adaptation Action	Adaptation Action #5: Policy	Adaptation Action #6: Capital Projects
<u>Boca Raton</u>	E		E	E	E		E	E			E
<u>Boynton Beach</u>	E	E	E	E	E	E	E	E		E	E
<u>Broward County</u>			E	E	E	E		E		E	E
<u>Coconut Creek</u>	E	E	E	E	E						
<u>Coral Springs</u>	E	E	E	E	E	E	E	E	E	E	E
<u>Cutler Bay</u>	E	E	E	E	E	E	E	E	E	E	E
<u>Dania Beach</u>					E						
<u>Davie</u>	E	E	E	E							
<u>Fort Lauderdale</u>	E	E	E	E	E	E	E	E	E	E	E
<u>Glen Ridge</u>											
<u>Hallandale</u>	E	E	E	E	E		E				
<u>Hillsboro Beach</u>											
<u>Hollywood</u>	E	E	E	E	E		E	E			E
<u>Layton</u>						E	E	E	E	E	E
<u>Miami</u>	E	E	E	E	E	E	E	E	E	E	E

<u>Miami Beach</u>	E	E	E	E	E	E	E	E	E	E	E
<u>Miami Lakes</u>	E			E	E						
<u>Miami Springs</u>			E	E	E				E		E
<u>Miami-Dade County</u>	E	E	E	E	E	E	E	E	E	E	E
<u>Monroe County</u>					E	E	E	E			
<u>Oakland Park</u>	E	E		E		E		E	E		
<u>Palm Beach County</u>	E	E	E	E	E	E	E	E	E	E	E
<u>Pompano Beach</u>	E	E				E	E	E	E	E	E
<u>Seminole Tribe</u>	E	E	E	E	E	E	E		E		
<u>South Palm Beach</u>											
<u>West Palm Beach</u>	E	E	E	E	E	E	E	E	E	E	E
<u>Wilton Manors</u>	E		E	E	E	E	E	E			E



For more information, visit:

www.climatecompact.org

For more on the Institute for Sustainable Communities: sustain.org

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