

TABLE OF CONTENTS

O1 BACKGROUND
How Community Hub got started

O2 DEVELOPMENT
Requirements defined, consultant assistance, data discovery

O3 LAUNCH Community Hub goes live!

O4 UPDATES
Additions to Region Plan Hub sites since launch

O5 WHAT'S NEXT?
Future plans



BACKGROUND















Natural Environment



Built Environment



Healthy Communities

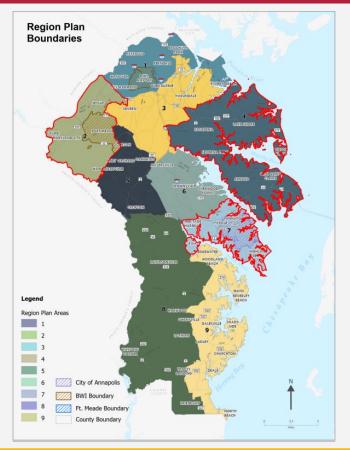


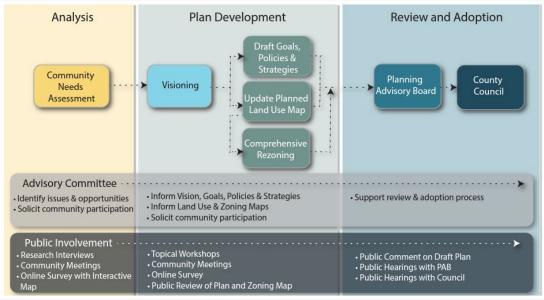
Healthy Economy



Source: Plan2040: Anne Arundel County General Development Plan, Volume 1, page 8

BACKGROUND







Source: Plan2040: Anne Arundel County General Development Plan, Volume 1, pages 68 - 71

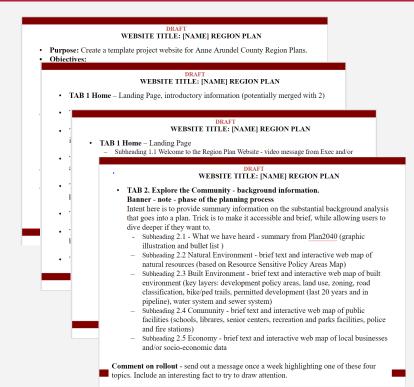
The communication tool needed to:

- be a public-facing information portal to document Region Plan process;
- engage community stakeholders in a transparent planning process by creating digital opportunities for them to provide direct feedback;
- educate community stakeholders about existing conditions, and
- use maps/dashboards to display location information and statistics



ArcGIS Hub
Premium





• **Purpose:** Create a template project website for Anne Arundel County Region Plans.

Objectives:

- Create consistency and efficiency between plans
- Provide user-friendly experience and make participation easy
- Create central online repository of information that will evolve during the planning process
- Make information accessible in brief, concise way

Functions:

- Embed video and graphics
- Embed questionnaires (plan to use Survey 123 to stay on ESRI platform)
- Embed web maps with multiple layers and ability to zoom and navigate
- Embed web map with ability of public to place dots and make comments
- Mobile device compatible
- Timing: Go live by June 30, 2021 with initial website (may have limited content, but provides the public digital space for the project)

DRAFT WEBSITE TITLE: [NAME] REGION PLAN

- · Purpose: Create a template project website for Anne Arundel County Region Plans.
- Obiectives:

WEBSITE TITLE: [NAME] REGION PLAN

• TAB 1 Home – Landing Page, introductory information (potentially merged with 2)

WEBSITE TITLE: [NAME] REGION PLAN

- . TAB 1 Home Landing Page
 - Subheading 1.1 Welcome to the Region Plan Website video message from Exec and/or

DRAFT

WEBSITE TITLE: [NAME] REGION PLAN

TAB 2. Explore the Community - background information.
 Banner - note - phase of the planning process

Intent here is to provide summary information on the substantial background analysis that goes into a plan. Trick is to make it accessible and brief, while allowing users to dive deeper if they want to.

- Subheading 2.1 What we have heard summary from Plan2040 (graphic illustration and bullet list)
- Subheading 2.2 Natural Environment brief text and interactive web map of natural resources (based on Resource Sensitive Policy Areas Map)
- Subheading 2.3 Built Environment brief text and interactive web map of built
 environment (key layers: development policy areas, land use, zoning, road
 classification, bike/ped trails, permitted development (last 20 years and in
 pipeline), water system and sewer system)
- Subheading 2.4 Community brief text and interactive web map of public facilities (schools, librares, senior centers, recreation and parks facilities, police and fire stations)
- Subheading 2.5 Economy brief text and interactive web map of local businesses and/or socio-economic data

Comment on rollout - send out a message once a week highlighting one of these four topics. Include an interesting fact to try to draw attention.

- **TAB 1. Home** Landing Page, introductory information (potentially merged with 2)
- **TAB 2. Community Engagement** list of events, summaries of what's coming
- **TAB 3. Explore the Community** background information with brief text, infographics and web maps
- **TAB 4. Community Needs Assessment** survey instrument with interactive map and ability to submit open ended comments
- **TAB 5. Vision and Guiding Principles** placeholder will be populated later in process
- **TAB 6. Recommended Actions** placeholder will be populated later in process.
- **TAB 7 Zoning Update** placeholder will be populated later in process. From the beginning frame how the re-zoning will work and how it relates to the plan.
- TAB 8 Library links to key documents











Design

- Kickoff and Discovery
- Wireframe/Detail Design
- Site Development

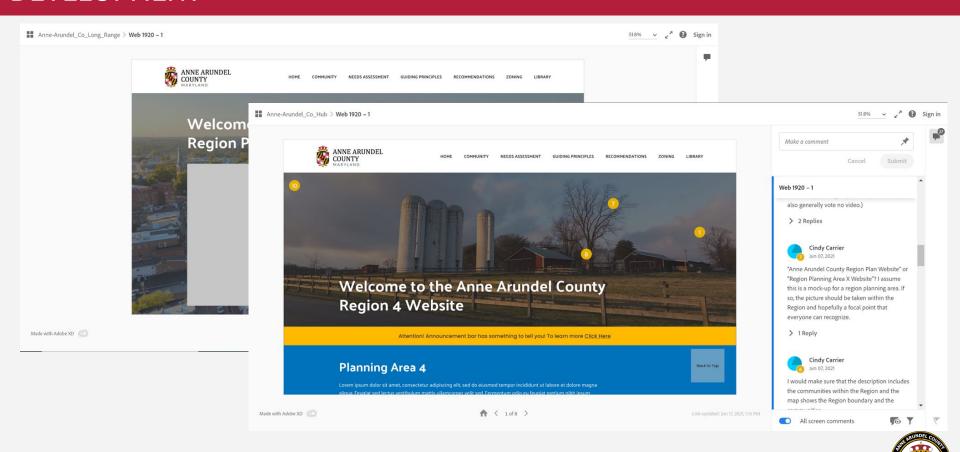
Hub Premium User Model

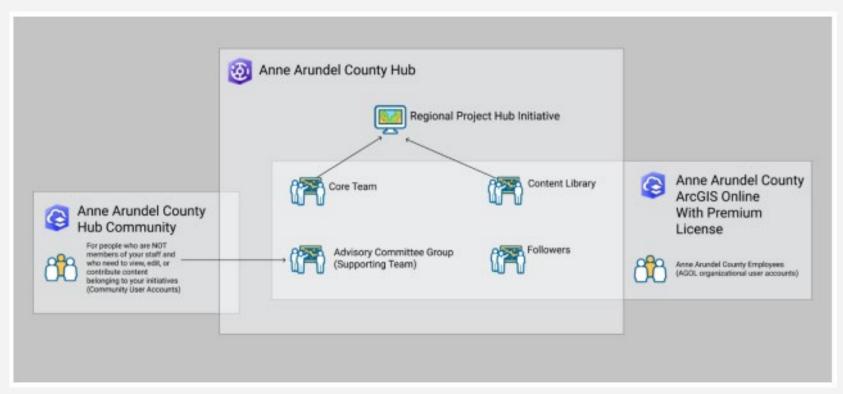
- User model plan and concepts
- Configure user model and access
- Governance Guide

Support of Launch

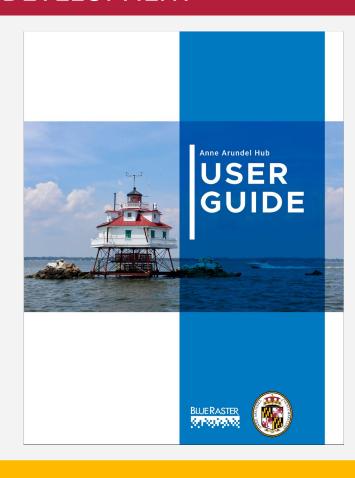
- Deployment
- Closing











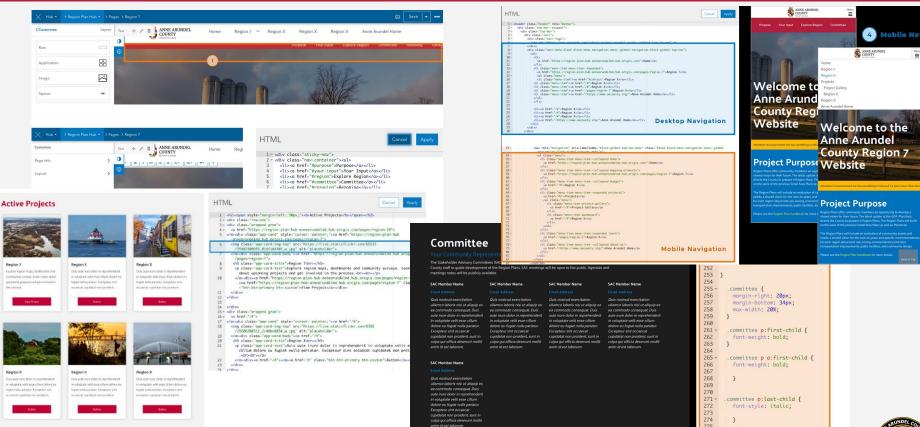
User Guide Topics

- Saving & Publishing Pages
- Page Visibility
- Limit Row Visibility
- Hub Settings
- Main Navigation
- Region Cards
- Change/Update Committee Member List
- Footer
- Cloning/Duplicating a Site/Page
- Sub Navigation (Region Pages)
- A Note On Styling
- Headings
- Custom Fonts
- Quote Cards
- Project Team Image Cards

Hub Premium Administration Topics

- Anne Arundel County Hub Architecture
- User Management
- Groups
- Data Management
- Customize the Community Member Sign In Window
- Testing the Advisory Committee Group





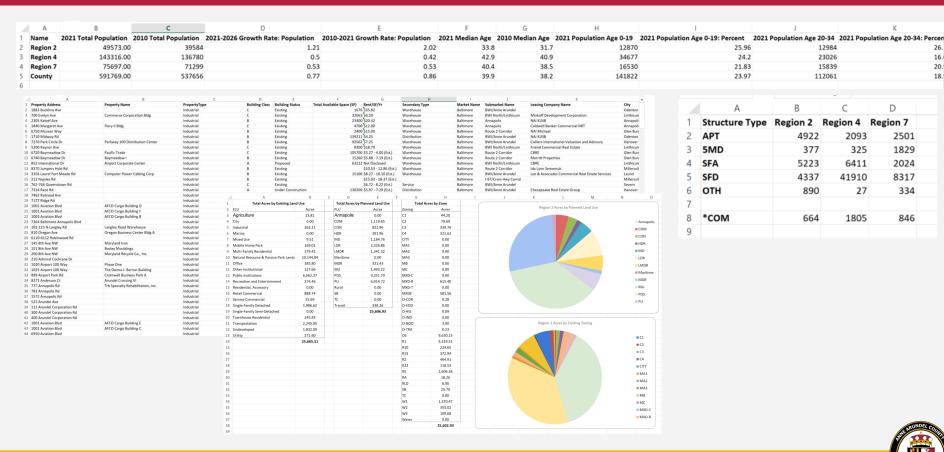


276

/*Committee Members End*/

Region Plan Data Rec	gion Plan Data Requests			Data Request (for Region and County)						Initial data review					Final data review		
- U	To develop the Vision of the full and engaged cor	Priority (1 = high,	Objective		Data set to meet objective	Data to be Inc shown in 10 percentages	lude past years of data	Data Source	Deadline	been	Data has be included in Dashboar (see tab)	in included in Map	LRP comments on data	GIS response	Update to data base on data review?	d Final QC tables ar spreadshe	of d ets
	- understand characteristics of the population a	Responsibilit	ty LRP		LRP	LRP	LRP	GIS/Researc	LRP	GIS/Research	h GISResea	rch GIS/Research	LRP	GIS/Research	GIS/Research	LRP	
	- understand what populations and location of c	Population															
	- Identify affordable housing needs	Data 1	Understand population densities	Total population (total and by TAZ or geography)	0		ESRI/Census	10/1/21	2	0	0				0	
	- understand general housing and jobs needs	- 1	Understand how population densities are changing	Population chang	e from 2010 to 2020 (total and by TAZ or geography)	M		ESRI	10/1/21								
	- understand Regional growth trends and project	1	Understand trend in population age	Median age				ESRI/Census	10/1/21								
	- understand where that growth can be accomn	1	Understand trend in population age Not critical, but include for baseline		y bracket (gender not necessary) female, and other	S S	<u>N</u>	ESRI/Census ESRI	10/1/21			- :					
	- Development Policy Areas		Pair with home values, rental rates, and household income to understand degree of Educa	Educational attail		52	2	ESRI	10/1/21	-		0				0	
oal	- Planned Land Use		privilege/underprivilege	COULDING STATE	origin.	Last .	La .	Earl	10/1/21	Lall.	U	U		No 2010 data		ш	
oai	- Zoning	1	Understand need for residential/non-residential uses	Total employmen				ESRI	10/1/21					No 2010 data			
	- understand how infrastructure capacity aligns	1	Understand diversity	Race ethnicity: no asian, non-hispan	on-hispanio white, non-hispanio black, non-hispanio nio native american, hispaniofatino	₩.		ESRI/Census	10/1/21					No percentages			
	- Transportation network	1	Understand diversity		at home other than English			ACS 5 - YR	10/1/21			i		No 2010 Data: No percentages			
	- Water and Sewer	- 1	How much growth is anticipated	Population project	tions (total and by TAZ or geography)	U		ESRI	10/1/21		0					Ш	
	- Prioritize needs and investment	Householder Data															
	- Prepare recommended amendments to:	1	Understand distribution of wealth		d income (and disaggregated for race / ethnicity)	0		ESRI	10/15/21		0			No 2010 data; no race/ethnicity data			
	- Development Policy Areas	1	Baseline Understand distribution of housing types and	Household size			-	ESRI/Census	10/15/21	-	0	-					
	- Planned Land Use	1	disparity Linderstand prevalence and ignation of	Homeownership	(and disaggregated by race / ethnicity and income)	2	_	ESRI	10/15/21	_				No race/ethnicity data			
	- Zoning	1	vulnerable households	ethnioty)	living in poverty (and disaggregated for race /	☑		ACS 5 - YR	10/15/21					No race/ethnicity data			
		1	Understand housing densities (current and future)	Total households	and household projections		$\overline{\mathbf{Z}}$	ESRIVACS 5	10/15/21		- 1						
	1. Tabs with topic names include a list of data rec	1	Understand existing housing units and demand	Total housing uni	ts .	п		ESRI/Census	10/15/21	2							
	2. LRP has indicated whether the data request n	1	Distribution of housing needs # renter		(and) Region Plan Data Dashboards: should show		ounty C	Comparison	as poss	ible		De	adline Edit Request		Co	ompleted?	Response/Notes
	3. GIS/Research should indiacte the data source	- 1	Understand housing affordability Understand housing affordability	Median house?									Match the colors on	the Hubs if possible (dark red, bright blue, go	(d), and add	$\overline{\mathbf{v}}$	
lethodology .	4. LRP will indicate the deadline	1	Understand housing affordability	Average month										colors or shades are needed to make the con eally these would match the colors laid on Ge			
retriodology	 GIS/Research will communicate with LRP whe LRP will provide comments to which GIS/Rese Revisions will be made if needed. LRP will provide the final QC. 		Understand housing affordability*	Rent distributio	bute Danielas		Additional Info				ASAF		these specific items	these specific items are part of a specific language (i.e. red equates with commercial, purple with industrial etc.).			
			Understand prevalence and location of vulnerable households* status	% family nouse	house		Additional Into.					ASAP	Zoning/Land Use: G	Zoning/Land Use: GIS recommended bar graphs, but LRP would still		$\overline{\mathbf{v}}$	
				Housing cost b status, if availa Car ownership									pie charts to understand how the information looks Zoning/Land Use: possible to display the percentages that go along with each				
			3 Transit and multimodal needs Car of									category rather than	category rather than the acres? Or to provide the percentages in a go along with the total acres? Wore useful from a general user standpoint to know that Open		\checkmark		
					Age	See here for visualization example,					Space is x% of the t	Space is x% of the total land portfolio rather than X# acres.		_			
	Review data for quality control prior to transmittal. Does the data make sense? Organize data for easy use; for example, put data in one spreadsheet and use tabs for Organize data in a readable format, such a table with a heading, data years, and valt spell out acronyms or initials. Provide a dictionary for the terms, if necessary.				Sex	See here fo	or visual	lization exam	ole.				Zoning/Land Use: a listed here.	dd tab with definitions of all the code abbrevia	tions. <u>Definitions</u>	~	
nticipated Quality					Race/Ethnicity			lization exam					Zoning/Land Use: "I	latural resource" is cut off in Existing Land Us		\checkmark	
tandards						Median household income						ZoningiLand Use: Add foot note with definitions of "Planned Land Use" and "Existing Land Use." LRP will provide and link here when ready. For all pie charts, the percentage needs to be repeated in the key. It's fine just to have it listed with the pie slice. Unless you don't have control over this? It so, please			You can email this to me and I will add it		
					To the control of the						For all pie charts, the			✓	Too can email and to the and t this add it		
					orecasts	-								indicator so that it says "Unemployed: 5.5%" ta labels where needed.		$\overline{\vee}$	
Topic" tabs													Educational attainm	ent: please add (ages 25+) after the heading,	assuming that's	~	
-				1	Frend			n growth sind		2050: Ra	nd 10 TA7 (orecasts, shown	the correct age rang	e for this data.			
Data Dashboard" tab	- Consider a dashboard layout like this			F	Population Forecast			d each to a ta					Population by sex: of	on't need the year in the key or the labels.		~	
Data Dasnovaru (20	Consider a destinoura layout into tills				Households Forecast			2030, 2035, hs. Add eacl					Description of a con-	add a "+" in front of the percentage.		\checkmark	
					nousenoids Forecast			. 2030, 2035.					Population change:	and a + in front of the percentage.		_	
Maps" tab	- Maps should follow a standard template			E	Employment Forecast	shown as I	ine grapi	hs. Add eacl	to a tab	on the Popul	lation Chan	ge card.		ent of Defense is spelled wrong.		\mathbf{z}	
	- Symbology should stay consistent among layers/maps											Employers: Can the table be centered? Vacancy: Add the word "Residential" to the heading, assuming that's what this data		at's what this date		I will check on this, tables in dashboards don't have a lot of o	
	- Save only to J Drive, Do not save to Google Drive			E	Education						is for		is for			~	
	- See best practices				figh school diploma							Move the total households and household size up to the housing You can change the tab labels to "Units" and "Households" inste both. This means the Renter-occupied and Owner-occupied pie		d of "Total" for	\checkmark		
	- Metadata best practices												For the source citati	ons that says the data is from ESRI Enrichme		$\overline{\mathbf{v}}$	
					Bachelors degree Grad/professional								identity which Censu	is source ESRI pulls from for that dataset?			
	A																
Date	August 16, 2021				Employment and Commute												
								d and unemp									





			-	
	Α	В	C	D
1	Structure Type	Region 2	Region 4	Region 7
2	APT	4922	2093	2501
3	5MD	377	325	1829
4	SFA	5223	6411	2024
5	SFD	4337	41910	8317
6	ОТН	890	27	334
7				
8	*COM	664	1805	846
9				

12984

23026

15839

112061

25.96

24.2

21.83

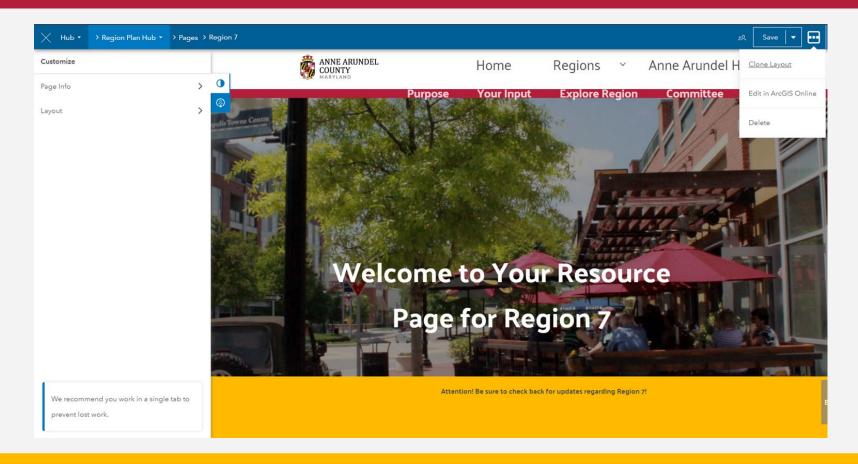
23.97



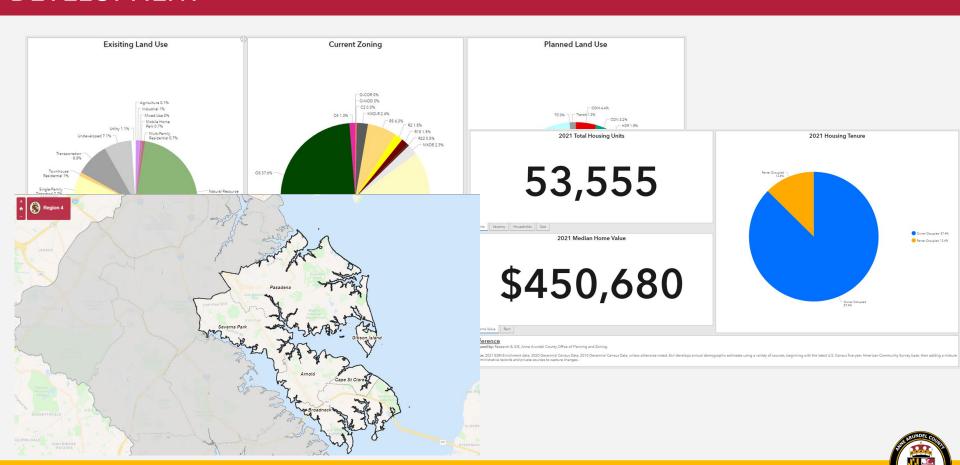
16.

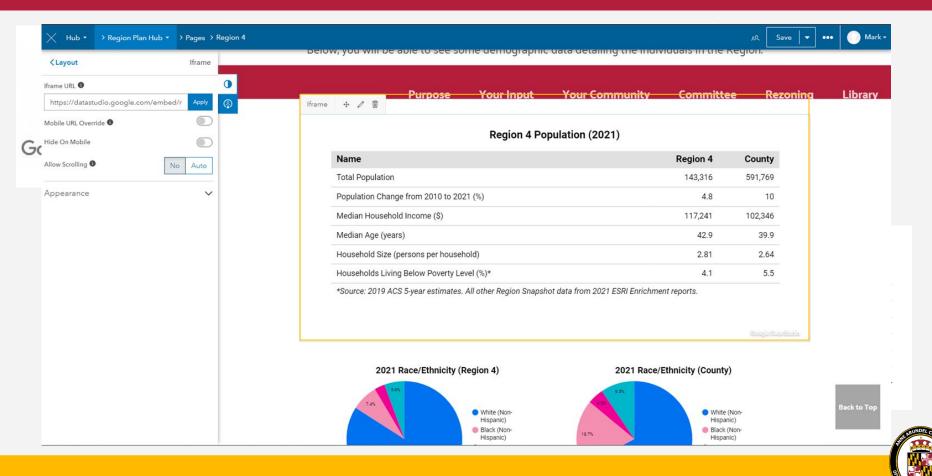
20.

18.









Region 4 Survey, Map, and Dashboard Placement

Survey - Underneath "planning area" in the dark area "next to the words "please place survey here"

Please use the following survey questions:

Where in Region 4 do you live?

- Arnold
- Broadneck
- Cape St. Clare
- Gibson Island
- Pasadena
- Severna Park
- Other explain

What do you like best about where you live?

(Choose up to 3)

- · It's lively and a fun place to live
- It's quiet and peaceful
- · My friends and family are nearby
- · I can access parks, open space, or the water
- . There are great options for shopping, dining, and events
- · It's close to good jobs
- · Great public transportation options
- · High quality schools
- . It's easy to get around on foot or on bike
- · The community is improving with new businesses and homes
- It's saf
- · Proximity to job opportunities
- Diversity of people
- Other explain

What do you find most challenging about where you live? (Choose up to 3)

- · Housing is too expensive or not enough housing types
- Traffic and congestion from cars
- . It's tough to walk or bike around
- · Not enough green space or parks
- · Not enough small businesses
- · Public transportation is limited
- · New development is crowding existing neighborhoods
- · Loss of historic character and structures
- · Water access is limited
- New development is too slow to occur.
- It's not safe
- · Other explain

Open Ended Questions:

- 1.) How do you spend your time in Region 4?
- 2.) Tell us more about where you live. Feel free to use any, all, or none of the questions below to help with your response!

What does Region 4 mean to you?

What makes Region 4 home?

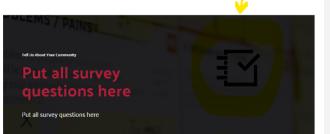
What makes Region 4 special that should be preserved?

What is a priority for the future of Region 4?

How does Region 4 look in the future?

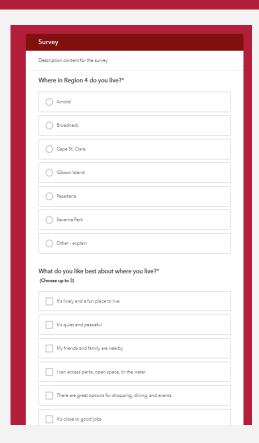
Planning Area

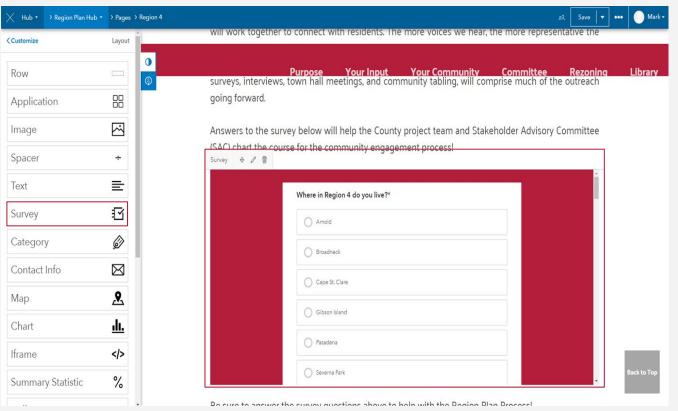
Region 4 includes two of the County's peninsulas - the Broadneck peninsula and the Lake Shore peninsula. This region includes distinctive village areas, a strong waterfront community given the Severn River, Magothy River and numerous streams and creeks, and generally similar types of housing. The primary boundaries of the region are the Chesapeake Bay, Veterans Highway, Brightview Drive / Obrecth Road, and the southern portion of Glen Burnie.



Surve	у
Descrip	ion content for the survey
Where	in Region 4 do you live?*
0	Arnold
0	Broadneck
0	Cape St. Clare
0	Gibson Island
0	Pasadena
0	Severna Park
0	Other - explain
	do you like best about where you live?* s up to 3) It's lively and a fun place to live
	It's quiet and peaceful
	My friends and family are nearby
	I can access parks, open space, or the water
	There are great options for shopping, dining, and events
	It's close to good jobs









LAUNCH



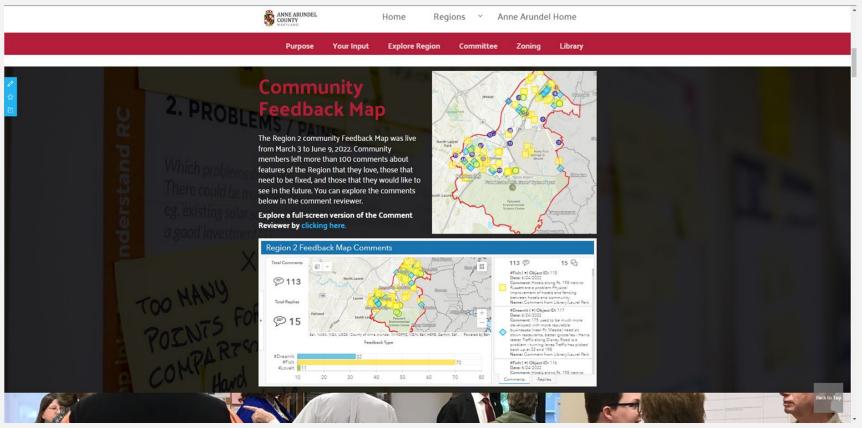
Active Plans





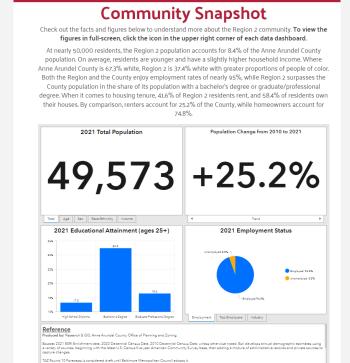








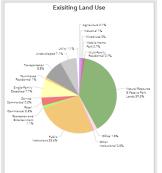
ANNE ARUNDEL COUNTY

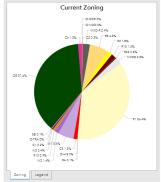


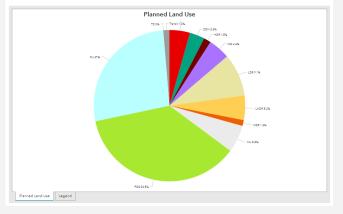
Home

Anne Arundel Home

Explore Region Committee Zoning Library



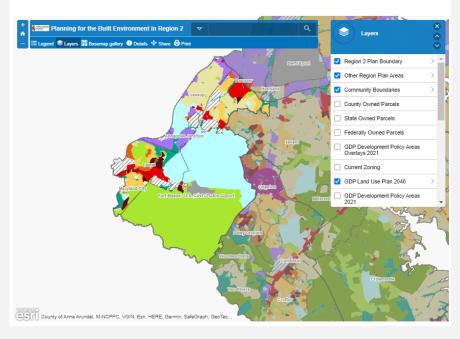


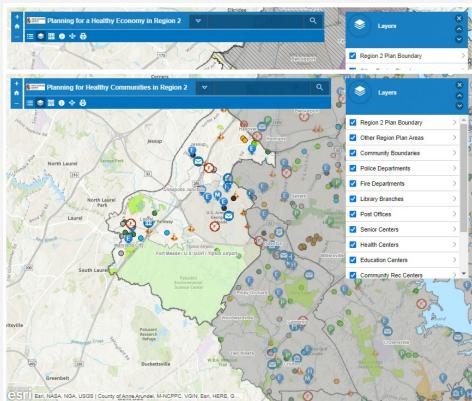




Existing Conditions

The following maps illustrate some of the existing conditions in Region 2. Community members can explore the locations of public facilities such as schools and libraries, review County and State capital improvements in the area, and learn more about local economic development opportunities. Maps depicting the natural and built environments will be released soon.





Stay Involved

Upcoming and Current

July 25, 2022: SAC Meeting 8 - Housing

August 22, 2022: SAC Meeting 9 - Public Health and Aging (Agenda Coming Soon)

September 26, 2022: SAC Meeting 10 - Mixed Use and Redevelopment (Agenda Coming Soon)

Past Activities

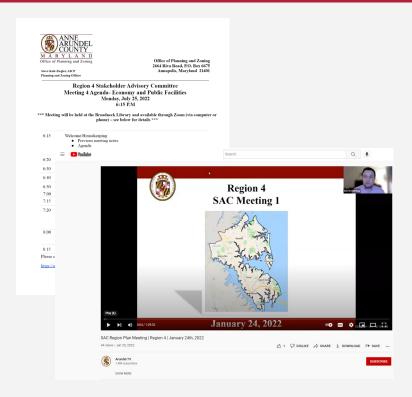
November 1, 2021: Approval of Resolution No. 56-21 confirming the SAC members for Region 4

December 11, 2021: Stakeholder Advisory Committee Welcome I PowerPoint

January 24, 2022: Region 4 SAC Meeting 1 Agenda I Recorded Meeting I Notes

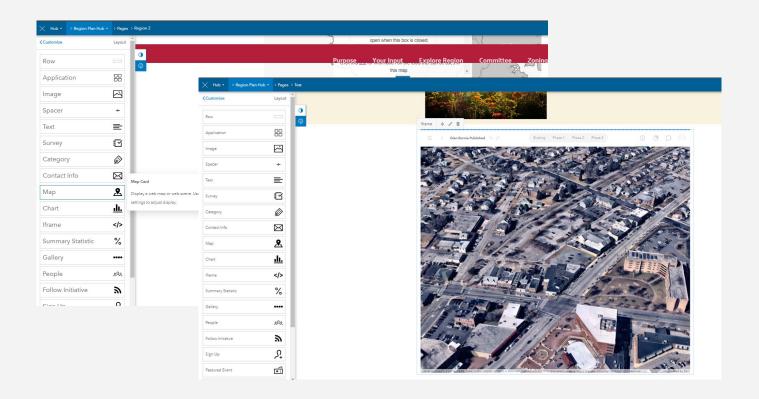
February 23, 2022: Region 4 SAC Meeting 2 Agenda I Recorded Meeting I Notes

March 9 - June 9, 2022: Feedback Map Open for Comment





WHAT'S NEXT





PROJECT TEAM

OFFICE OF PLANNING AND ZONING

LONG RANGE PLANNING SECTION

Cindy Carrier, Planning Administrator Michael Stringer, Senior Planner Mark Wildonger, Senior Planner, Region 2 Kari Nye, Planner II, Region 2 Eric Ketterling, Senior Planner, Region 4 Spencer Shanholtz, Planner II, Region 4 Jessica Levy, Planner I, Region 4 Patrick Hughes, Senior Planner, Region 7 Desirae Williams, Planner III, Region 7 Brent Efune, Planner*

RESEARCH & GIS SECTION

Mark Burt, Planning Administrator Erik Hovland, Planner III Michele Polino, Planner II

OFFICE OF INFORMATION TECHNOLOGY

GEOGRAPHIC INFORMATION SYSTEMS

Dave Gillum, GIS Manager Matt Webb, GIS Systems Analyst Andrew Adamson, GIS Systems Analyst

CONSULTANT TEAM

Niki Miller, Project Manager, JMT Technology Christina Nordling, Project Manager, Blue Raster Mandelson Fleurival, ArcGIS Hub Lead, Blue Raster

ESRI TEAM

Keith Swavely Sydney Rich Morgan Sapia Jason Karian



