

Albemarle County Comprehensive Plan

Indicators of Progress

Key:

Progress towards achieving the goal: **+** Lack of progress towards achieving the goal: **—** Mixed progress: **≈**

Indicator	Target	Progress
Wooded Stream Buffers	Increase the area of forested stream buffers along streams regulated by the Water Protection Ordinance.	N/A <i>Comparable dataset not available, not included in tables</i>
Air Quality	Reduce the number of days where the Air Quality Index (AQI) is outside the good to moderate range (or above 100).	+ 2011-2018
Designation of Historic Properties	Increase the number and acreage of designated properties.	+ 2015-2018
Demolition of Historic Resources	Reduce the number of demolitions of historically significant resources annually.	+ 2015-2018
Tourism	Increase in employment in tourism and hospitality-related industries.	+ 2010-2017
Target Industry Growth	Increase in employment in the County's "target sectors": Agribusiness, IT & Defense, Financial/Insurance, and Biotech.	N/A <i>Comparable dataset not available, not included in tables</i>
Unemployment	Reduce unemployment in Albemarle County.	+ 2012-2017
Average Annual Wages	Increase average annual wages.	+ 2010-2017
Timber Production	Maintain or increase production of timber for pine and hardwood types.	+ 2011-2017
Grape Production	Increase in tonnage of grapes produced.	+ 2011-2017
Rural Area Lots Created	Continue reducing the number of new lots created in the Rural Area relative to the Development Area.	≈ 2010-2018
New Dwellings Built in Rural Area	Reduce the ratio of new single family detached units in the Rural Area to new single family detached units in the Development Area.	+ 2007-2018
Agricultural/ Forestal Districts and Conservation Easements	Increase Rural Area acreage in Agricultural/Forestal Districts and under Conservation Easements.	N/A <i>2018 update underway</i>
Development Area Population Density	Increase population density in the Development Areas.	+ 2010-2018
Mixed-Use Developments	Increase the number of new mixed-use developments approved by rezoning.	— 2010-2018
Redevelopment	Increase the number of site development plans approved for redevelopment, including adding new buildings on existing developed sites.	≈ 2010-2018
Variety of Housing Types	Continue construction of a mixture of housing types each year in the Development Areas.	+ 2011-2018

Senior Housing	Increase in the number of beds in assisted living and long-term care facilities.	+ 2016-2018
Proffered and Built Affordable Units	Increase the number of built units because of past housing proffers.	? 2016-2018
Deficient Bridges	Reduce in the number and surface area of structurally deficient bridges as listed by the Federal Highway Administration's National Bridge Inventory.	+ 2012-2017
Multimodal Transportation	Increase the modal share (percentage of commuters using these modes) of public transit, walking, or cycling to work. Reduce the modal share of commuters driving to work alone.	≈ 2010-2017
Sidewalk Construction	Increase linear feet of sidewalk construction as part of the County's Capital Improvement Program.	+ 2017-2018
Bicycle Lanes; Pedestrian and Bicycle Paths	Increase the linear footage of multi-use paths, bike lanes, and shared roadways in the Development Areas.	+ 2016-2018
Parks and Open Space in Development Areas	Increase in the acreage of private parkland in new residential and mixed use developments.	+ 2016-2018
Greenway Trails	Increase in the length of greenway trails constructed.	baseline re-established
County Building Energy Usage	Improve energy efficiency in County buildings (Court Square, COB – McIntire, COB – 5th Street).	+ 2005-2017
Recycling Rate	Increase the rate of recycling solid waste materials.	– 2010-2016
School Facilities	Reduce school overcrowding	≈ 2014-2018
Public Water Usage	Maintain or reduce the consumption of water on a per-connection basis.	+ 2010-2018
Police Response Times	Achieve a response time of five minutes or less to all emergency calls 85 % of the time in the designated Development Areas. Achieve a response time of ten minutes or less to all emergency calls 85 % of the time in the Rural Areas.	+ 2011-2018
Fire & Rescue Response Times	Achieve an average response time to fire emergency calls of 5:00 or less in the Development Areas and 13:00 or less in the Rural Areas.	≈ 2011-2017

Missing indicators from the 2016 report and suggested revisions can be found at the end of this section.

Natural Resources

Air Quality

Comprehensive Plan Linkage: Objective 4.2. Protect Air Quality		Target: Reduce the number of days where the Air Quality Index (AQI) is outside the good (0-50) or moderate (51-100) ranges.						
Indicator:	2011	2012	2013	2014	2015	2016	2017	2018
Days per year that air quality falls outside of the “good” or “moderate” range (>100 AQI)	1	2	0	0	0	1	0	0
Median AQI	40	38	35.5	35	36	36	37	38
90th percentile AQI	61	61	54	52	51	52	50	52
Comment: Most air quality problems are the result of industrial and agricultural activities occurring west of Albemarle County. Although median AQI is rising slightly, 90th percentile AQI and the number of “unhealthy” days remains stable. Evaluation of each year’s median and 90th percentile AQI suggests modest progress in improving air quality.		Progress: Yes Note: Per the EPA’s Air Quality Index Report, annual statistics for 2018 are not final until May 1, 2019.						
Source: Outdoor Air Quality Data from Air Quality Index Report, EPA, 2018; Air Quality Index is an index of 0-500 that is used to rate air quality, calculated by levels of pollutants. The monitoring station at Albemarle High School tracks ground-level ozone.								

Historic, Cultural, and Scenic Resources

Designation of Historic Properties

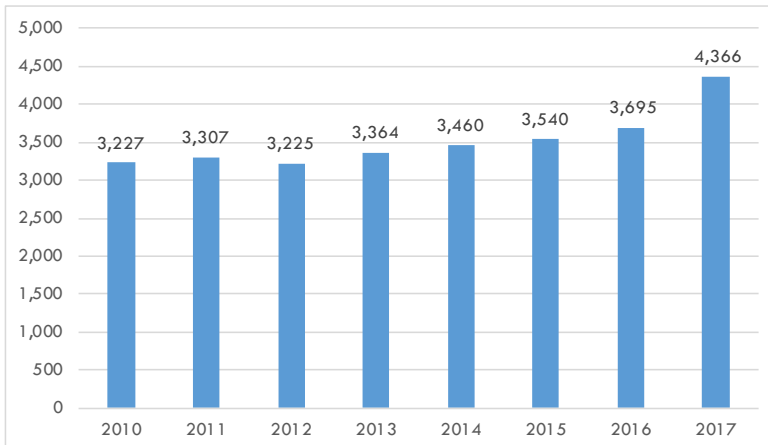
Comprehensive Plan Linkage: Strategy 5.2.A. Encourage landowners to pursue voluntary methods of preservation and conservation, including requesting landmark and district designations, offering conservation easements, and providing tax and other financial incentive programs, as outlined in the adopted 2000 Historic Preservation Plan and its updates. Pursue historic district designations in cooperation with the surrounding neighborhoods and in partnership with the City of Charlottesville, where applicable.	Target: Increase the number and acreage of designated properties.			
Indicator:	2015	2016	2017	2018
Number of Individually Designated Properties on National Register of Historic Places	82	82	82	83*
Number of Individual Properties on Virginia Landmarks Register	84	84	84	*85
Number of Historic Districts on National Register of Historic Places	12	12	12	12
Comment: *St. John Rosenwald School (002-1056) in Cismont was listed in the Virginia Landmarks Register on 6/21/2018; National Register of Historic Places on 1/14/2019.	Progress: Yes			
Source: Virginia Department of Historic Resources, 2019				

Demolition of Historic Resources

Comprehensive Plan Linkage: Objective 5.2: Pursue additional protection measures and incentives to preserve Albemarle's historic and archaeological resources in order to foster pride in the County and maintain the County's character.		Target: Reduce the number of demolitions of historically significant resources annually.		
Indicator:	2015	2016	2017	2018
Number of resources demolished	5 (3 contributing buildings located within historic districts, 2 garden sheds associated with Shack Mountain)	1	3 houses, all contributing to historic districts, one with outbuildings.	1 house, contributing to historic district.
Comment: The Historic Preservation Committee (HPC) is developing criteria for identifying and documenting demolitions on other historically significant properties. 2015 currently serves as a base year for demolitions of historic properties. After the HPC finishes its work, a different baseline may be needed.		Progress: Yes Note: Totals have been calculated only for properties located within National Register Historic Districts. Resources demolished outside of historic districts have not been evaluated for potential for listing in the registers.		
Source: Albemarle County Community Development, 2019				

Economic Development

Tourism

Comprehensive Plan Linkage: Strategy 1c: Promote tourism that helps preserve scenic, historic, and natural resources.		Target: Increase in employment in tourism and hospitality-related industries, e.g. Accommodation & Food Services (NAICS 72).																			
Indicator: Average number of people employed in the Accommodations & Food Services industry.		 <table><thead><tr><th>Year</th><th>Employment</th></tr></thead><tbody><tr><td>2010</td><td>3,227</td></tr><tr><td>2011</td><td>3,307</td></tr><tr><td>2012</td><td>3,225</td></tr><tr><td>2013</td><td>3,364</td></tr><tr><td>2014</td><td>3,460</td></tr><tr><td>2015</td><td>3,540</td></tr><tr><td>2016</td><td>3,695</td></tr><tr><td>2017</td><td>4,366</td></tr></tbody></table>		Year	Employment	2010	3,227	2011	3,307	2012	3,225	2013	3,364	2014	3,460	2015	3,540	2016	3,695	2017	4,366
Year	Employment																				
2010	3,227																				
2011	3,307																				
2012	3,225																				
2013	3,364																				
2014	3,460																				
2015	3,540																				
2016	3,695																				
2017	4,366																				
Comment: Employment in this industry has been increasing steadily since 2010.		Progress: Yes Note: This indicator is monitored by the Albemarle County Economic Development Office.																			
Source: Virginia Labor Market Information, QCEW (Annual), 2019. Annual information for 2018 is not yet available.																					

Unemployment

Comprehensive Plan Linkage:

Objective 1: Promote economic development activities that help build on the County's assets while recognizing distinctions between expectations for the Development Areas and the Rural Area.

Target:

Reduce the unemployment rate in Albemarle County.

Year	Albemarle Co.	Virginia	United States
2012	4.9%	6.1%	8.1%
2013	4.6%	5.7%	7.4%
2014	4.5%	5.2%	6.2%
2015	3.9%	4.5%	5.3%
2016	3.6%	4.1%	4.9%
2017	3.3%	3.8%	4.4%

Comment:

Unemployment has steadily declined since 2012. It remains lower than the state and country's unemployment rates.

Progress:

Yes

Note: This indicator is monitored by the Albemarle County Economic Development Office.

Source: Bureau of Labor Statistics, Local Area Unemployment Statistics, Series LAUCN510030000000003 and LAUST510000000000003; Current Population Survey, Series LNS14000000.

Average Annual Wages

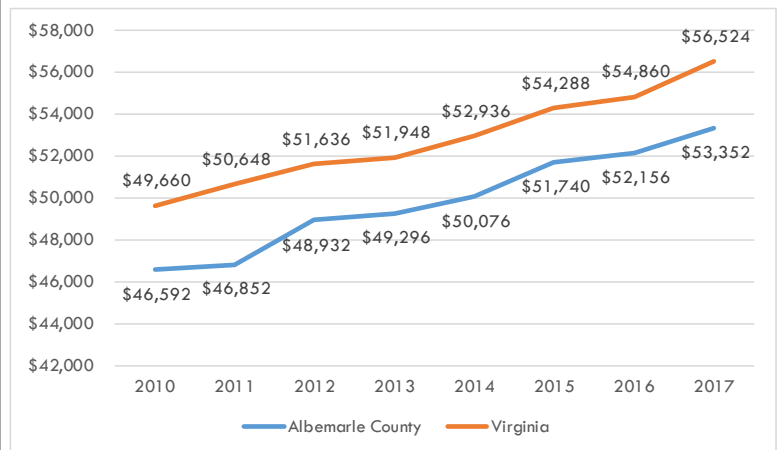
Comprehensive Plan Linkage:

Objective 7: Increase workforce development to further career-ladder opportunities and higher wages. Indicator 7: Increase in average wages.

Target:

Increase average annual wages.

Indicator: Average annual wage.



Comment:

Annual wages increased; however, average annual wages continue to be less than Virginia as a whole.

Progress:

Yes

Note: This indicator is monitored by the Albemarle County Economic Development Office.

Source: Virginia Labor Market Information, QCEW (Annual), 2019. Annual information for 2018 is not yet available.

Rural Areas

Timber Production

Comprehensive Plan Linkage: Strategy 7.1.B. Continue to promote farming and forestry activities in the County by retaining Rural Area zoning on Rural Area designated land.				Target: Maintain or increase production of timber for pine and hardwood types.			
Indicator	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017
Pine Value	\$1,285,857	\$965,059	\$2,218,432	\$3,119,778	\$4,088,943	\$2,992,944	\$1,543,332
Hardwood Value	\$1,148,680	\$862,034	\$1,001,924	\$1,085,211	\$1,604,094	\$1,996,149	\$2,107,992
Total Value	\$2,434,537	\$1,827,093	\$3,220,356	\$4,204,988	\$5,693,037	\$5,013,743	\$3,673,817
Comment: Timber production increased in volume and value between 2010 and 2014.				Progress: Yes			
Source: Virginia Department of Forestry, 2019. Information for FY2018 is expected to be ready for release in March or April 2019.							

Grape Production

Comprehensive Plan Linkage: Strategy 7.1.E. Continue to provide support to wineries, cideries, and farm breweries as part of the County's agricultural support activities.				Target: Increase in tonnage of grapes produced.			
Indicator	2011	2012	2013	2014	2015	2016	2017
Tons of grapes produced	971	1223	1013	1316	1519	933	1317
Comment: Tonnage of grapes produced increased. Albemarle County led the commonwealth in grape production in 2017.				Progress: Yes			
Source: Commercial Grape Report, Virginia Wine Board Marketing Office, 2018							

Rural Area Lots Created

Comprehensive Plan Linkage: Objective 7.2. Protect and preserve natural resources, which include mountains, hills, valleys, rivers, streams, groundwater, and retain continuous and unfragmented land for agriculture, forestry, biodiversity, and natural resource protection.				Target: Continue decreasing number of new lots created in the Rural Area.					
Indicator	2010	2011	2012	2013	2014	2015	2016	2017	2018
Family Divisions	12	6	10	6	3	8	5	5	8
Rural Subdivisions & Final Plats	28	23	14	30	12	47	24	22	30
Total	40	29	24	36	15	55	29	27	38
Comment: 2018 saw an uptick in new lots created in the rural subdivisions & final plats category. Most plats in this category consisted of 1 or 2 new lots, with the exception of one plat that created 4 new lots.				Progress: No					
Source: Albemarle County Community Development, 2019									

New Dwellings Built in Rural Area

Comprehensive Plan Linkage: Strategy 7.2.A. Direct residential development to and continue to make the Development Areas more livable, attractive places.							Target: Reduce the ratio of new single-family detached units in the Rural Area to new single-family detached units in the Development Areas.					
Indicator	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
SFD units built in the Rural Area	194	157	77	95	101	89	107	128	128	149	153	131
SFD units built in the Development Areas	103	93	82	125	123	135	159	181	184	271	316	259
Percentage of SFD units built in the Rural Area	65%	63%	48%	43%	45%	40%	40%	41%	41%	36%	32.6%	33.6%
Comment: The ratio of newly constructed single-family detached units located in the Rural Area has steadily decreased.							Progress: Yes					
Source: Albemarle County Community Development, 2019												

Agricultural/Forestal Districts and Conservation Easements

Comprehensive Plan Linkage: Strategy 7.2.C. Continue rural conservation programs such as Agricultural/Forestal (Ag/For) Districts and use value taxation as incentives for owners to avoid subdividing for residential uses.		Target: Increase Rural Area acreage in Agricultural/Forestal Districts and under conservation easements.	
Indicator	2014	2016	2018
Acres in Agricultural/Forestal Districts	70,712	72,592	in progress
Acreage in Conservation Easements	92,564*	98,562*	in progress
Comment: *Conservation easement estimates for 2014 and 2016 have been corrected.		Progress: Yes, through 2016. County-wide totals for 2018 are not yet available, as the annual data update request is currently awaiting responses.	
Source: Albemarle County Community Development, 2019			

Development Areas

Development Area Population Density

Comprehensive Plan Linkage: Objective 8.5. Promote density within the Development Areas to help create new compact urban places.		Target: Increase population density in the Development Areas.	
Indicator	2010	2016	2018
Residents per gross acre in Development Areas	2.33	2.73	2.82
Residents per gross acre in City of Charlottesville	6.53	7.37	7.40
Comment: Population density has continued to increase.		Progress: Yes	
Source: TJPDC Performance Measurement System Report 2013; Weldon Cooper Center for Public Service, 2017, 2018; Albemarle County Community Development 2019			

Mixed-Use Development

Comprehensive Plan Linkage: Strategy 8.2.E. Continue to approve mixed-use developments that are in keeping with the Neighborhood Model and Master Plans.				Target: Increase the number of new mixed-use developments approved by rezoning.					
Indicator	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total ZMAs approved in Development Areas	6	9	8	11	6	5	6	8	4
Modification of existing ZMA plans with mixed use	2	2	2	3	3	3	2	2	0
Approved new ZMAs with mixed use component	0	0	0	1	1	0	1	1	0
Comment: Woolen Mills was approved in 2017, as were modifications to Oakleigh and Riverside Village. No mixed-use rezonings were approved in 2018. However, progress for mixed-use projects depends on the type of development proposed by applicants. Anecdotally, the approval of new proffer legislation in 2016 has impacted rezoning activity.				Progress: No					
Source: Albemarle County Community Development, 2019									

Redevelopment

Comprehensive Plan Linkage: Strategy 8.2.O. Promote redevelopment as a way to improve and take advantage of existing investment in the Development Areas.				Target: Increase the number of site development plans approved for redevelopment, including adding new buildings on existing developed sites.					
Indicator	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total major amendments or initial site plans approved in Development Areas	27	11	9	14	21	25	21	13	20
Total major amendments or initial site plans approved in Development Areas for redevelopment	10	3	5	8	7	11	11	5	7
Percentage of major amendments or initial site plans for redevelopment	37%	27%	55%	57%	33%	44%	52%	38%	35%
Comment: The mean of redevelopment site plans as a share of all major amendments/initial site plans since 2010 is 41%. Although redevelopment plans have continued, the percentage has declined slightly in recent years.				Progress: Mixed					
Source: Albemarle County Community Development, 2019									

Housing

Variety of Housing Types

Comprehensive Plan Linkage: Objective 9.4. Provide for a variety of housing types for all income levels and help provide for increased density in the Development Areas.				Target: Continue construction of a mixture of housing types each year in the Development Areas.				
Indicator	2011	2012	2013	2014	2015	2016	2017	2018
Percentage of all units: SFD	21%	28%	47%	56%	50%	39%	46%	31%
Percentage of all units: SFA/TH	28%	20%	51%	44%	31%	19%	25%	29%
Percentage of all units: MF/ Condo	50%	51%	0%	0%	18%	41%	26%	50%
Comment: A variety of housing types is constructed each year; however, the mix changes annually. Dwelling units constructed as mobile homes or accessory apartments are not captured in this table.				Progress: Yes				
Source: Albemarle County Community Development, Building Activity Reports								

Senior Housing

Comprehensive Plan Linkage: Strategy 9.5.A. Encourage developers to include housing for seniors and individuals with disabilities in new residential and mixed-use developments. Approve these proposals when they are in keeping with the Neighborhood Model.		Target: Increase in the number of beds in assisted living and long-term care facilities.
Indicator	2016	2018
Number of assisted living facility beds	989	1099
Number of nursing home/long-term care beds	586	586
Comment: Linden House at Branchlands opened in 2018.		Progress: Yes
Source: Virginia Department of Social Services, U.S. Centers for Medicare & Medicaid Services		

Proffered and Built Affordable Units

Comprehensive Plan Linkage: Strategy 4a: Through rezonings and special use permits, continue to ensure a mixture of housing types are provided that also support all income levels of County residents.		Target: Increase the number of built units resulting from (past) housing proffers.
Indicator	2016	2018
Built proffered affordable housing units since 2004	179	326
Comment: Information on built proffered units is not readily available on an annual basis. 2016 establishes the new baseline figure.		Progress: Yes
Source: Albemarle County Community Development, 2019		

Transportation

Deficient Bridges

Comprehensive Plan Linkage: Strategy 10.2.C. Continue to work closely with State, regional and local partners to ensure that roadway structures (bridges and culverts) with low sufficiency ratings are annually prioritized in the SSYP for funding, repair and/or replacement.		Target: Reduction in the number and surface area of structurally deficient bridges as listed by the Federal Highway Administration's National Bridge Inventory.	
Indicator	2012	2016	2017
Number of deficient bridges in Albemarle County	32	25	23
Area of deficient bridges (in square meters)	4,206	3,987	3,720
Comment: The number of structurally deficient bridges as well as surface area that qualified as being deficient decreased. VDOT and FHA monitor this indicator.		Progress: Yes	
Source: National Bridge Inventory: Deficient Bridges by County, Federal Highway Administration			

Multimodal Transportation

Comprehensive Plan Linkage: Objective 10.3. Continue to improve, promote, and provide regional multimodal and accessible transportation options. Strategy 10.9.B. Continue to contribute to and participate in ride sharing services. Strategy 10.9.C. Continue to work with area employers through the MPO to encourage development of ridesharing and vanpooling programs and transportation demand reduction programs. Encourage development of ridesharing and transportation demand reduction programs as part of rezonings and parking lot requests for major industrial, office, and commercial development projects.		Target: Increase the modal share (percentage of commuters using these modes) of public transit, walking, or cycling to work. Reduce the modal share of commuters driving to work alone.	
Indicator	2010	2015	2017
% of commuters who walked, cycled, or used public transit	4.85%	6.58%	4.7%
% of commuters who drove to work alone	82.9%	84.1%	75.6%
Comment: There was a decrease in the modal share of commuters walking, cycling, or using public transit, however, the share of commuters driving to work alone decreased as well. The growth of carpooling or ride-hailing/ride-sharing services may explain this shift. However, due to small sample size, there may be little to no difference due to margin of error.		Progress: Mixed	
Source: American Community Survey 5-Year Estimate 2010, 2015; 1-Year Estimate 2017 (Commute to Work)			

Sidewalk Construction

Comprehensive Plan Linkage: Strategy 10.4.B. Improve funding for an ongoing walkway, bicycle, and greenway construction fund in the Capital Improvements Program (CIP). Use all possible funding sources for the construction of walkways and bicycle facilities.		Target: Increase linear feet of sidewalk construction as part of the County's Capital Improvement Program (CIP).	
Indicator: Linear feet (lft) of sidewalk constructed.			
2017 5,475 linear feet of sidewalk in 5 projects: <u>Hollymead/Powell Creek Drive Sidewalk - North (730 lft):</u> Southeast side of Powell Creek Drive from 200 feet west of Gatewood Circle to 50 feet north of Powell Creek Court. <u>Hollymead/Powell Creek Drive Sidewalk – South (650 lft):</u> West side of Powell Creek Drive from Pepperidge Court to Hollymead Drive. <u>Old Lynchburg Road Sidewalk (1,120 lft):</u> West side of Old Lynchburg Road from 5th Street Extended to 100 feet north of Doncaster Lane. <u>State Farm Boulevard Sidewalk (2,500 lft):</u> Northwest side of State Farm Boulevard from South Pantops Drive to Rte 250E/ Richmond Road <u>South Pantops Drive Sidewalk (475 lft):</u> Northeast side of South Pantops Drive and 625 feet from State Farm Boulevard.		2018 3,525 linear feet of sidewalk in 2 projects: <u>Hydraulic Road Sidewalk (1,950 lft):</u> East side of Hydraulic Road from Commonwealth Drive to Georgetown Road. <u>Barracks Road Sidewalk (1,575 lft):</u> North side of Barracks Road from 200 feet west of Huntwood Lane to Saponi Lane, and on the south side of Barracks Road from Out of Bounds Road to Westminster Road.	
Comment: This improvement is difficult to assess because sidewalk building in the CIP is completed by project. Multi-year projects will not be captured until the end of the project. In addition, it does not capture sidewalk built with new developments.		Progress: Yes	
Source: Albemarle County Department of Facilities & Environmental Services, 2017			

Bicycle Lanes, Bicycle & Pedestrian Paths

Comprehensive Plan Linkage: Objective 10.4. Strengthen efforts to complete a local transportation system that includes access to pedestrian and bicycle facilities.			Target: Increase the linear footage of multi-use paths, bike lanes, and shared roadways in the Development Areas.		
Indicator: linear feet of built lanes/ paths	Multiuse Path	Dedicated Bike Lane	Shared Roadway	Total Bike Lane/ Shared Roadway	Total Bike Lane/Shared Roadway/Paths
2016	180,092	85,031	110,748*	195,779	375,872
2018	206,470	91,929	106,187*	198,116	404,586
Comment: *Staff is currently auditing the original (2015) dataset to align classifications and facility types with County design standards and to enable this dataset to be supplemented through the ongoing Community Field Survey and master planning processes. As facilities are reclassified, baseline numbers (such as shared roadway) may change and become inconsistent with prior evaluations.			Progress: Yes		
Source: Calculated using Thomas Jefferson Planning District Commission GIS data (2015) and Albemarle County Community Development GIS data					

Parks & Recreation, Greenways, Blueways, and Green Systems

Parks and Open Space in the Development Areas

Comprehensive Plan Linkage: Objective 11.2. Develop parks for active recreation. Strategy 2c: Study the parks and recreational needs of residents of existing neighborhoods in the Development Areas to determine whether parkland for public neighborhood parks should be acquired and developed. Strategy 2d: Acquire the sites for and develop public parks shown for active recreation on Development Area Master Plans.		Target: Increase in the acreage of private parkland in new mixed use and residential developments in the Development Areas.
Indicator	2016	2018
Acres of privately owned parkland	1,518*	2,145
<i>*GIS analysis revealed that multiple properties were not captured in the 2016 estimate. Acreages were derived from deed information. The 2018 analysis should be considered the baseline for future evaluations.</i>		
Comment: Most of the parkland in the Development Areas is owned by private entities such as homeowners associations, and the tabulation includes open space and common areas in subdivisions. The County's Parks & Recreation Department completed a Needs Assessment in June 2018 to guide future investment in public parks. Additionally, the master plan for Biscuit Run Park was approved on December 12, 2018, which will add substantial park acreage in the Southern Urban Neighborhood.		Progress: Yes
Source: Albemarle County Community Development, Albemarle County Parks & Recreation, 2019		

Greenway Trails

Comprehensive Plan Linkage: Strategy 11.3.B. Continue to develop the County's greenway system as shown in the Development Area Master Plans and on the Greenway Plan.		Target: Increase in the length of greenway trails constructed.
Indicator	2018	
Miles of improved greenway trail within the Development Areas	27.16 miles*	
Comment: Additional mileage exists within the Rural Area. Another appropriate metric for future study may be acreage of greenway parcels held in fee simple by the County. Greenway holdings include properties and areas with environmental and water quality value rather than trail recreation.		Progress: *This year re-sets the baseline metric and establishes a methodology consistent with staff's new data management strategies for bicycle & pedestrian infrastructure data.
Source: Albemarle County Community Development, Albemarle County Parks & Recreation, 2019		

Community Facilities

County Building Energy Usage

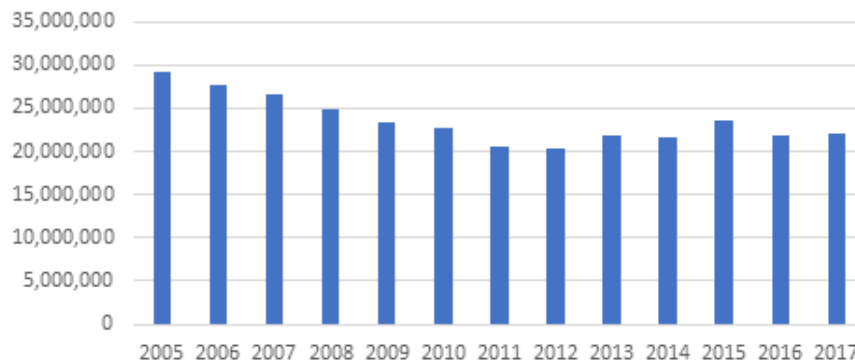
Comprehensive Plan Linkage:

Objective 12.1. Continue to provide public facilities and services in a fiscally responsible and equitable manner. Strategy 12.1.I. Continue to design and construct public facilities that are energy efficient and environmentally responsible.

Target:

Improve energy performance in County buildings (Court Square, COB – McIntire, COB – 5th Street).

Energy Consumption (in BTUs) at McIntire, 5th Street and Court Square County Buildings, 2005-2017



Comment:

Energy consumption in County buildings has declined since 2005. There have been slight increases since 2012, however numbers of County personnel have also increased over this period.

Progress:

Yes
Note: This indicator is monitored by Albemarle County Facilities and Environmental Services.

Source: Albemarle County Department of Facilities & Environmental Services, 2019

Recycling Rate

Comprehensive Plan Linkage:

Strategy 12.7.A. Use the waste hierarchy (reduce, reuse, recycle, dispose) to guide waste management policy.

Target:

Increase the rate of recycling solid waste materials.

Indicator	2010	2011	2012	2013	2014	2015	2016
Tons Municipal Solid Waste	69,200	90,038	119,605	131,216	125,798	135,502	138,742
Tons Principal Recyclable Material	23,362	34,026	70,455	70,516	75,533	69,736	50,776
Recycling Rate	25%	27.4%	37%	35%	38%	34%	31%

Comment:

The recycling rate has been declining between 2014 and 2016, the last year this data is readily available. However, reporting is voluntary and there may be variability in data.

Progress:

No
Note: This indicator is monitored by the Rivanna Solid Waste Authority.

Source: Thomas Jefferson Planning District Commission, 2017

School Facilities

Comprehensive Plan Linkage:

Objective 12.3. Provide physical facilities that enable the School Division to provide a high quality educational system for students in Albemarle County.

Target:

Reduce school overcrowding.

Indicator: Building Capacity Utilization	2014/15	2015/16	2016/17	2017/18	2018/19
< 95%	13	13	12	10	12
95% - 100%	5	4	6	5	3
> 100%	6	7	5	8	8

Comment:

More schools are over capacity than in 2014/15, however 2018/19 shows a slight improvement over 2017/18. Building capacity is determined by instructional needs that dictate classroom sizes rather than a physical measure such as square footage per pupil.

Progress:

Mixed

Note: This indicator is monitored by the Schools Division and Facilities and Environmental Management. Several different options exist for dealing with overcrowding including building new schools, expanding capacity and redistricting.

Source: Albemarle County Schools

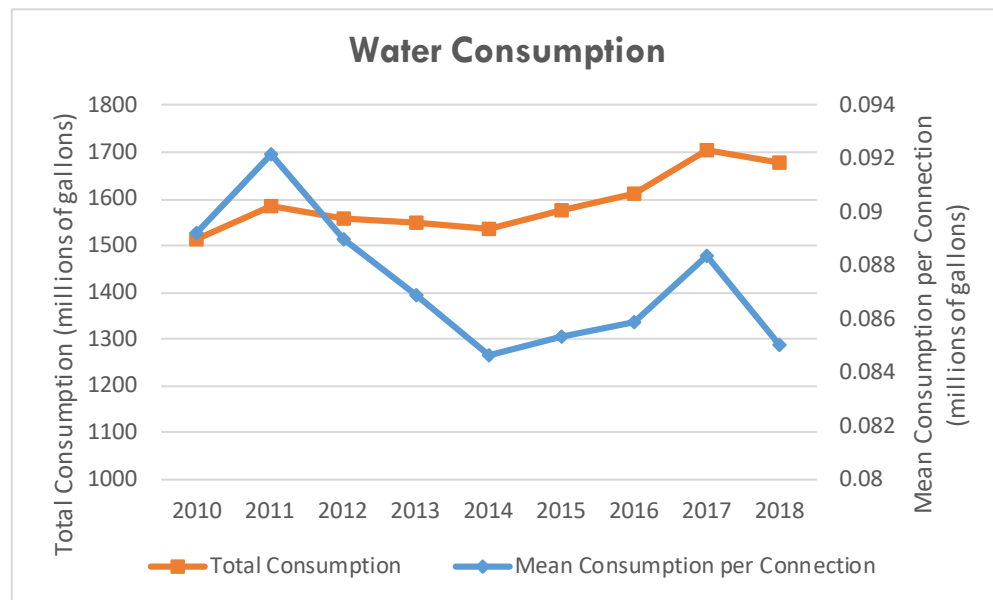
Public Water Usage

Comprehensive Plan Linkage:

Strategy 12.9.E. Continue to support and implement water demand management strategies as outlined in the 2011 Water Supply Plan by maintaining efficient water use through ordinance, by reducing water use through conservation initiatives, and by reducing water loss through system operation and maintenance.

Target:

Maintain or reduce the consumption of water on a per-connection basis.



Comment:

A slight spike in FY2017 was driven by increased consumption by commercial and institutional users, however consumption returned to prior trends in FY2018. Overall water consumption continues to increase, likely driven by population growth, and mean consumption per connection has decreased, suggesting overall progress towards the goal of improving efficient water use.

Progress:

Yes

Note: This indicator is monitored by the Albemarle County Service Authority.

Source: Albemarle County Service Authority, Comprehensive Annual Financial Report

Police Response Times

Comprehensive Plan Linkage:

Objective 2: Provide high quality police services in the County.
Indicator 3: Meet or exceed service delivery standards for police service.

Target:

Achieve a response time of five minutes or less to all emergency calls 85% of the time in the designated Development Areas. Achieve a response time of ten minutes or less to all emergency calls 85% of the time in the Rural Areas.

Indicator	2011	2012	2013	2014	2015	2016	2017	2018
Percentage of calls meeting target times of <5 minutes in the Development Area	67%	69%	62%	69%	74%	74%	76%	82%
Percentage of calls meeting target times of <10 minutes in the Rural Areas	48%	47%	49%	66%	54%	51%	65%	51%

Comment:

Although neither category meets the 85% target, average response times improved between 2011 and 2018.

Progress:

Yes

Source: Albemarle County Police Department

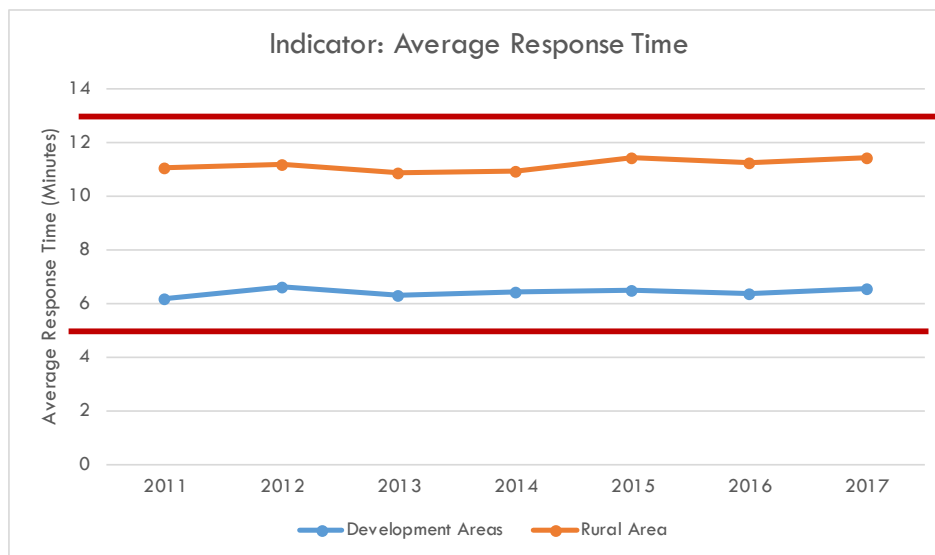
Fire and Rescue Response Times

Comprehensive Plan Linkage:

Objective 4: Provide firefighting and rescue facilities and equipment as needed to meet the characteristics of particular service areas.
Indicator 4: Meet or exceed service delivery standards for fire & rescue service.

Target:

Achieve an average response time of five minutes or less to all emergency calls in the Development Areas. Achieve a response time of thirteen minutes or less to all emergency calls in the Rural Areas.



Comment:

Response times remained fairly consistent between 2011 and 2017. Response times for the Development Areas do not yet meet the desired standards; however, responses for the Rural Area meet the standard.

Progress:

Mixed
2017 Development Area Average Response Time: 6:32
2017 Rural Area Average Response Time: 11:25

Source: Albemarle County Fire & Rescue

Missing Indicators & Suggested Revisions

2016 Indicators (not included in this report)

Indicator	Target	Comment
Wooded Stream Buffers	Increase the area of forested stream buffers along streams regulated by the Water Protection Ordinance.	Land cover data is provided by the state and was not available for 2017 or 2018. The next dataset is estimated to be available near 2020.
Target Industry Growth	Increase in employment in the County's "target sectors": Agribusiness, IT & Defense, Financial/Insurance, and Biotech.	Although NAICS industry codes are available to approximate these sectors, the data used in the 2016 report was obtained from a summary that utilized proprietary labor market data from JobsEQ. A comparable dataset was not available at the time of publication of this report.
Conservation	Increase Rural Area acreage in Agricultural/Forestal Districts and under Conservation Easements.	The annual update of this data is underway and will be included in this report when available.

Suggested Revisions

Indicator(s)	Target(s)	Comment
Natural Resources	Increase the area of forested stream buffers along streams regulated by the Water Protection Ordinance; Reduce the number of days where the Air Quality Index (AQI) is outside the good to moderate range (or above 100).	These indicators are largely restricted by the availability of land cover data or are outside of County control. Other appropriate methods may include landscape analysis used in the Biodiversity Action Plan and water quality indicators.
Historic, Cultural, and Scenic Resources	Increase the number and acreage of designated properties; Reduce the number of demolitions of historically significant resources annually.	Neither staff nor the Historic Preservation Committee actively pursue nomination & designation of historic properties, and the County has not established a proactive program to discourage demolition of historic resources. Suggested indicators may include the continued documentation of properties with demolition permits and educational programs sponsored by the HPC or the "real estate letters" sent to new owners of potentially significant properties.
Economic Development	Increase in employment in tourism and hospitality-related industries; Increase in employment in the County's "target sectors": Agribusiness, IT & Defense, Financial/Insurance, and Biotech; Reduce unemployment in Albemarle County; Increase average annual wages.	Many of these indicators are outside of County control. Suggested indicators may include business retention or expansion efforts, site readiness, and strategic partnerships.

Rural Areas	Maintain or increase production of timber for pine and hardwood types; Increase in tonnage of grapes produced; Continue reducing the number of new lots created in the Rural Area relative to the Development Area; Reduce the ratio of new single family detached units in the Rural Area to new single family detached units in the Development Area; Increase Rural Area acreage in Agricultural/Forestal Districts and under Conservation Easements.	Many of these indicators are outside of County control, and there is potential for alignment with the Natural Resources indicators. Suggested indicators include cattle production (largest category in the agricultural census). There is some overlap between conservation easements and agricultural/forestal districts, and these districts are not permanent.
Development Areas	Increase population density in the Development Areas; Increase the number of new mixed-use developments approved by rezoning; Increase the number of site development plans approved for redevelopment, including adding new buildings on existing developed sites.	The current mixed-use indicator may be impacted by current proffer legislation that has impacted residential rezonings. Suggested indicators include buildout of vertical mixed-use development or metrics identified in the Rio29 Small Area Plan.
Housing	Continue construction of a mixture of housing types each year in the Development Areas; Increase in the number of beds in assisted living and long-term care facilities; Increase the number of built units because of past housing proffers.	Suggested indicators include tracking additional housing types, adding senior living facilities and using Uniform Federal Accessibility Standards (UFAS) to track accessibility, and tracking workforce units.
Transportation	Reduce in the number and surface area of structurally deficient bridges as listed by the Federal Highway Administration's National Bridge Inventory; Increase the modal share (percentage of commuters using these modes) of public transit, walking, or cycling to work. Reduce the modal share of commuters driving to work alone; Increase linear feet of sidewalk construction as part of the County's Capital Improvement Program; Increase the linear footage of multi-use paths, bike lanes, and shared roadways in the Development Areas.	Suggested indicators include the addition of privately funded bicycle & pedestrian facilities. Improved ability for internal tracking via GIS will assist in this.
Parks & Recreation, Greenways, Blueways, and Green Systems	Increase in the acreage of private parkland in new residential and mixed use developments; Increase in the length of greenway trails constructed.	Suggested indicators include acreage of greenway parcels and completion of greenway networks.
Community Facilities	Improve energy efficiency in County buildings (Court Square, COB –McIntire, COB – 5th Street); Increase the rate of recycling solid waste materials; Reduce school overcrowding; Maintain or reduce the consumption of water on a per-connection basis; Achieve a response time of five minutes or less to all emergency calls 85 % of the time in the designated Development Areas. Achieve a response time of ten minutes or less to all emergency calls 85 % of the time in the Rural Areas; Achieve an average response time to fire emergency calls of 5:00 or less in the Development Areas and 13:00 or less in the Rural Areas.	Suggested indicators may include more detail for recycling (composting, landfilling) and energy consumption to be developed as part of the Climate Action Plan.