

## West Virginia U.S. Interstate 81 Urban Area by the U.S. Census Bureau Data & Maps



Cacapon Institute, in partnership with the USDA Forest Service and West Virginia Division of Forestry, is assisting government agencies, neighborhoods, and volunteers to assess and enhance the urban forest in the Potomac Basin of WV. Assistance includes analysis to determine high priority planting sites, setting protection goals, fostering tree planting initiatives, and developing long-term management plans. Our goal, broadly, is to increase the benefit of public trees to the citizens of WV. Benefits include clean air, shade, and reduced stormwater runoff pollution.

The U.S. Census Bureau defines “urban areas” and “urban clusters” every ten years. Using TIGER<sup>1</sup> files Cacapon Institute evaluated the 33 urban areas in the Chesapeake Bay Watershed and found that the “Hagerstown Urban Area” has the fastest rate of urban growth at 74%. The rate of population growth was 54%. That the urban *area* is growing half again faster than the *population* is indicative of “urban sprawl,” the expansion of human populations away from central urban areas into low-density, monofunctional and usually car-dependent communities. Efforts should be made to mitigate the negative impact such urban growth has on the forests and forest patches it encroaches on.

Urban areas are named after the central town or city within the designated area. As urban areas grow and meet they are coalesced into a single area and the name of the oldest identified urban area retains its name. This is why the urban area running from Pennsylvania to the Virginia line along I-81 is named after Hagerstown, Hagerstown was the first urban area designated. The urban areas in WV (formerly “Martinsburg” and “Inwood”) have been incorporated into Hagerstown’s area.

Cacapon Institute isolated the portion of the Hagerstown Urban Area within West Virginia and found the area grew from ~30 square miles in the 2000 census report to >70 square miles in the 2010 census report.

Please find the following attached:

- Map: I-81 Corridor Berkeley County, WV
- Map: Hagerstown Urban Area MD-PA-WV
- List: Urban Areas of the Chesapeake Watershed (33)

For more information please contact:

Frank F. Rodgers, Executive Director, Cacapon Institute

[FRodgers@CacaponInstitute.Org](mailto:FRodgers@CacaponInstitute.Org) / 304-258-8013

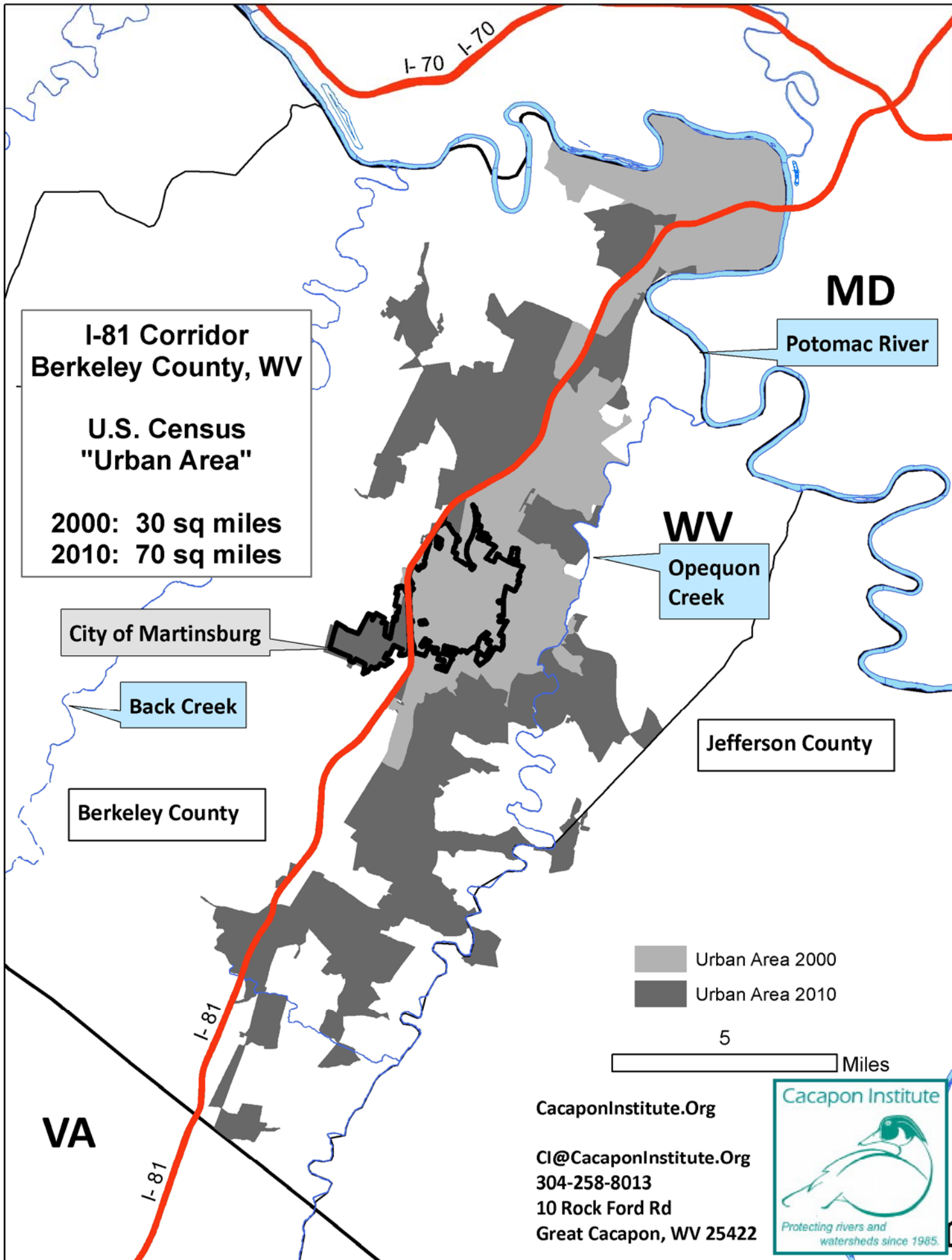
10 Rock Ford Road, Great Cacapon, WV 25422

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<sup>1</sup> TIGER products are spatial extracts from the Census Bureau's MAF/TIGER database, containing features such as roads, railroads, rivers, as well as legal and statistical geographic areas. <https://www.census.gov/geo/maps-data/data/tiger.html>

*From the Cacapon to the Potomac to the Chesapeake Bay,  
we use science and education to protect rivers and watersheds.*



[CacaponInstitute.Org](http://CacaponInstitute.Org)

[CI@CacaponInstitute.Org](mailto:CI@CacaponInstitute.Org)  
304-258-8013  
10 Rock Ford Rd  
Great Cacapon, WV 25422



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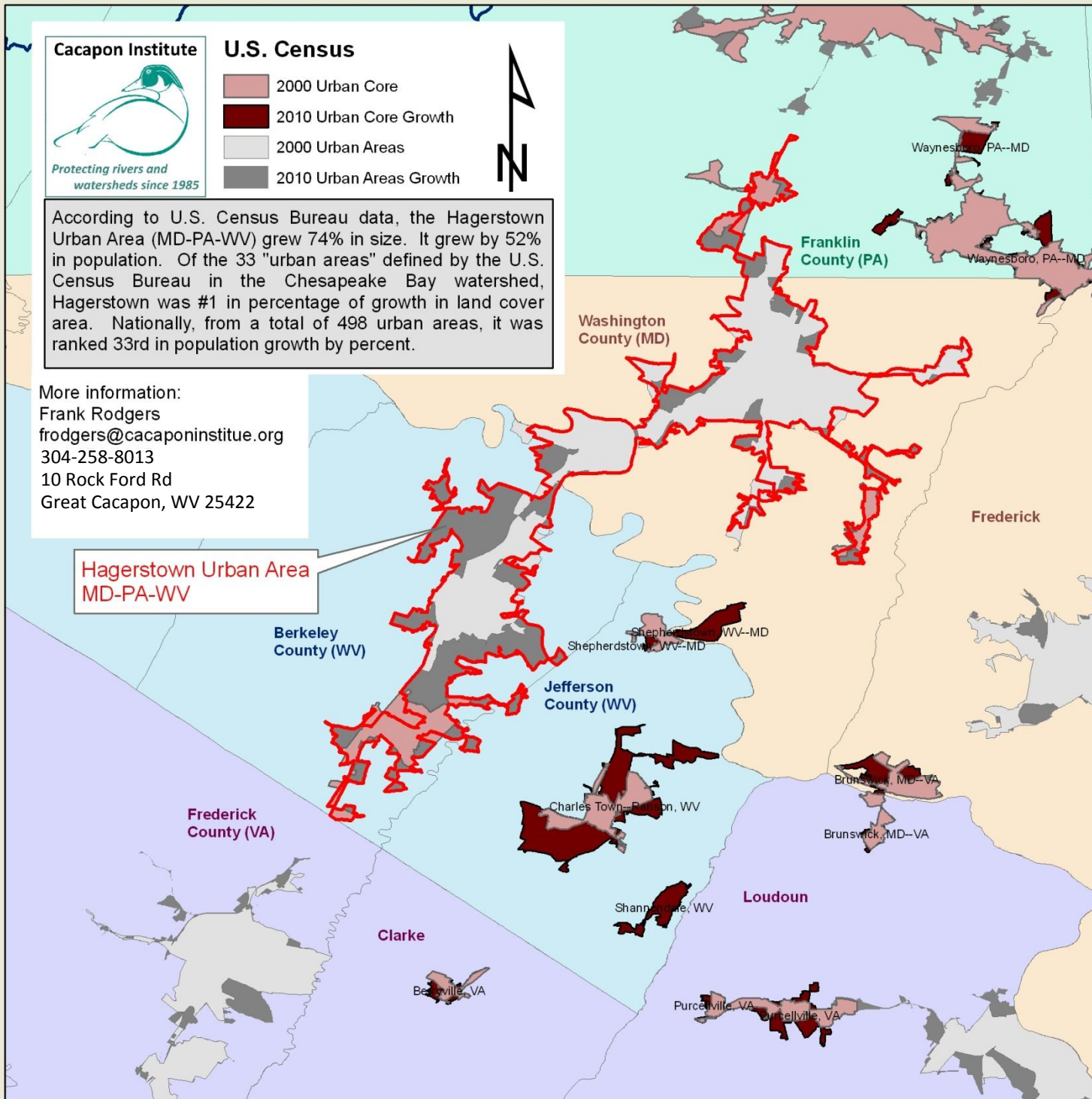
- 2000 Urban Core
- 2010 Urban Core Growth
- 2000 Urban Areas
- 2010 Urban Areas Growth



According to U.S. Census Bureau data, the Hagerstown Urban Area (MD-PA-WV) grew 74% in size. It grew by 52% in population. Of the 33 "urban areas" defined by the U.S. Census Bureau in the Chesapeake Bay watershed, Hagerstown was #1 in percentage of growth in land cover area. Nationally, from a total of 498 urban areas, it was ranked 33rd in population growth by percent.

More information:  
 Frank Rodgers  
 frodgers@cacaponinstitute.org  
 304-258-8013  
 10 Rock Ford Rd  
 Great Cacapon, WV 25422

Hagerstown Urban Area  
 MD-PA-WV



Urban Area Name	Land Area (Sq miles)				Population				Census ID
	Percent Change	2010	2000	Change	Percent Change	2010	2000	Change	
Hagerstown, MD--WV--PA	74	133	77	57	52	182696	120326	62370	36190
Salisbury, MD--DE	65	71	43	28	65	98081	59426	38655	78364
Lebanon, PA	51	45	30	15	21	77086	63681	13405	48664
Waldorf, MD	47	68	46	22	47	109919	74765	35154	91261
Lexington Park--California--Chesapeake Ranch Estates, MD	43	50	35	15	36	58875	43196	15679	49594
Chambersburg, PA	37	37	27	10	34	50887	37872	13015	15184
Hanover, PA	35	36	27	9	36	66301	48696	17605	36784
State College, PA	35	29	21	7	23	87454	71301	16153	84493
Bloomsburg--Berwick, PA	29	33	25	7	11	53618	48245	5373	8434
Aberdeen--Bel Air South--Bel Air North, MD	28	131	102	29	22	213751	174598	39153	199
Harrisburg, PA	25	260	208	51	23	444474	362782	81692	37081
Lancaster, PA	24	248	199	48	24	402004	323554	78450	47530
Harrisonburg, VA	22	33	27	6	27	66784	52647	14137	37162
Lynchburg, VA	19	89	75	14	18	116636	98714	17922	52201
Fredericksburg, VA	19	78	65	12	45	141238	97102	44136	31600
Washington, DC--VA--MD	14	1322	1157	165	17	4586770	3933920	652850	92242
Richmond, VA	13	492	437	55	16	953556	818836	134720	74746
Winchester, VA	12	37	33	4	30	69449	53559	15890	96103
York, PA	12	132	119	14	20	232045	192903	39142	97750
Elmira, NY	9	38	35	3	1	67983	67159	824	27118
Hazleton, PA	8	31	29	2	10	56827	51746	5081	37945
Westminster--Eldersburg, MD	8	58	53	4	12	72714	65034	7680	94294
Scranton, PA	8	171	159	12	-1	381502	385237	-3735	80227
Baltimore, MD	5	717	683	34	6	2203663	2076354	127309	4843
Cumberland, MD--WV--PA	0	33	33	0	0	51899	52115	-216	21745
Altoona, PA	0	37	38	0	-3	79930	82520	-2590	1792
Williamsport, PA	-2	27	27	0	-4	56142	58693	-2551	95455
Virginia Beach, VA	-2	515	527	-11	3	1439666	1394439	45227	90892
Binghamton, NY--PA	-3	74	76	-2	-1	158084	158884	-800	7732
Frederick, MD	-7	73	79	-5	19	141576	119144	22432	31519
Charlottesville, VA	-8	35	37	-3	13	92359	81449	10910	15724
Staunton--Waynesboro, VA*		38				56611			84630
Williamsburg, VA*		56				75689			95411

\*No comparable data for Census 2000