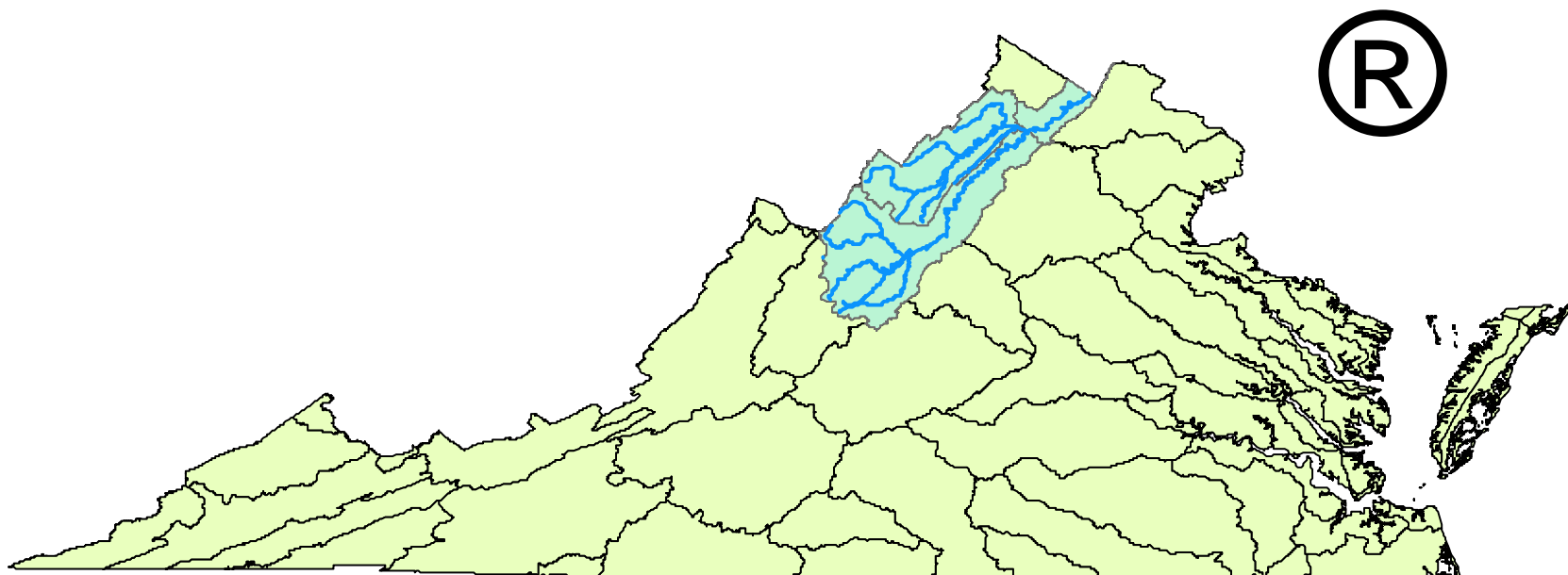


A wide river flows through a dense forest of green trees. The water is calm with gentle ripples, reflecting the sky and the surrounding foliage. The banks are covered in thick vegetation, and the sky is overcast with soft, grey clouds. The overall scene is peaceful and natural.

Shenandoah 101

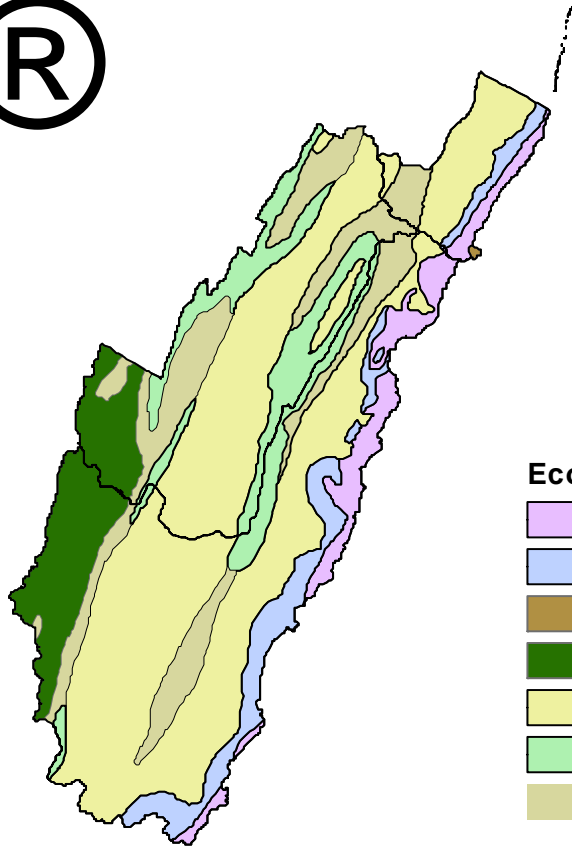
Character of the North Fork and South Fork Shenandoah
Watersheds

Shenandoah Watershed



Watershed	Area (sq. mile)	Percent of VA
North Fork Shenandoah	1010	2.7
South Fork Shenandoah	1677	4.5

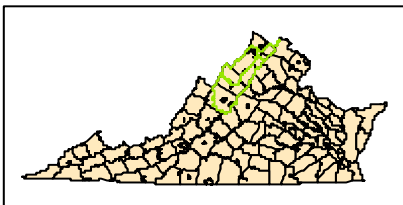
Level 4 Ecoregions



Ecoregion	Area (Sq miles)	Percent total
Igneous Ridges	185.5	6.3
Sedimentary and Metasedimentary Ridges	213.9	7.3
Dissected Ridges and Knobs	315.3	10.7
Sandstone Ridges	317.8	10.8
Shale Valleys	436.2	14.9
Limestone/Dolomite Valleys	1466.5	50.0

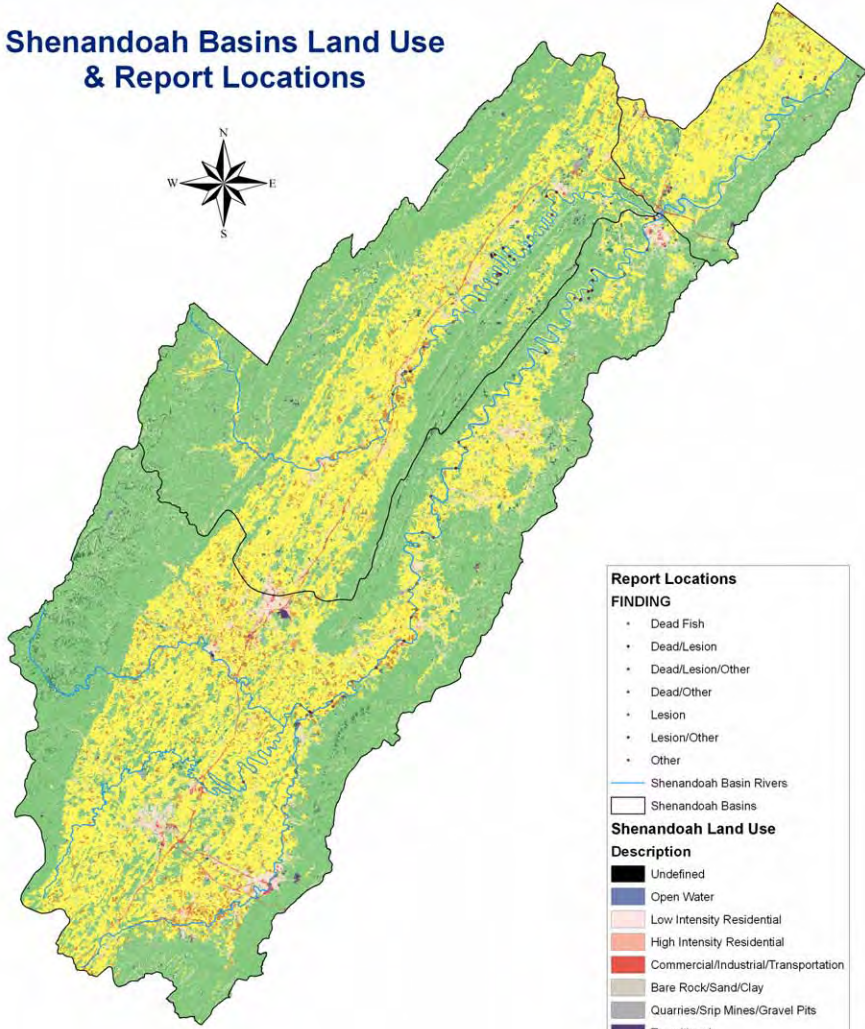
Ecoregion

-  Blue Ridge, Northern Igneous Ridges
-  Blue Ridge, Northern Sedimentary and Metasedimentary Ridges
-  Northern Piedmont, Piedmont Uplands
-  Ridge and Valley, Northern Dissected Ridges and Knobs
-  Ridge and Valley, Northern Limestone/Dolomite Valleys
-  Ridge and Valley, Northern Sandstone Ridges
-  Ridge and Valley, Northern Shale Valleys





Shenandoah Basins Land Use & Report Locations



Report Locations

FINDING

- Dead Fish
- Dead/Lesion
- Dead/Lesion/Other
- Dead/Other
- Lesion
- Lesion/Other
- Other

— Shenandoah Basin Rivers

□ Shenandoah Basins

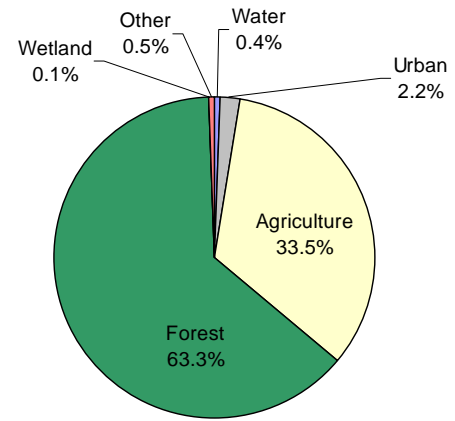
Shenandoah Land Use

Description

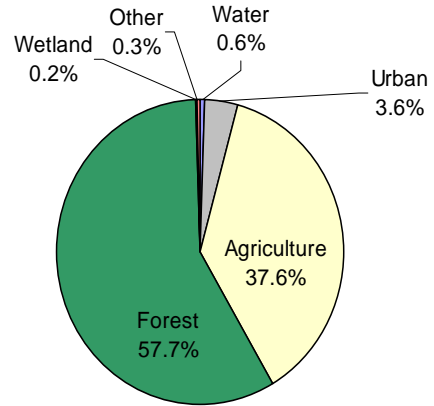
- Undefined
- Open Water
- Low Intensity Residential
- High Intensity Residential
- Commercial/Industrial/Transportation
- Bare Rock/Sand/Clay
- Quarries/Srip Mines/Gravel Pits
- Transitional
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Pasture/Hay
- Row Crops
- Urban/Recreational Grasses
- Woody Wetlands
- Emergent Wetlands



NF Shenandoah

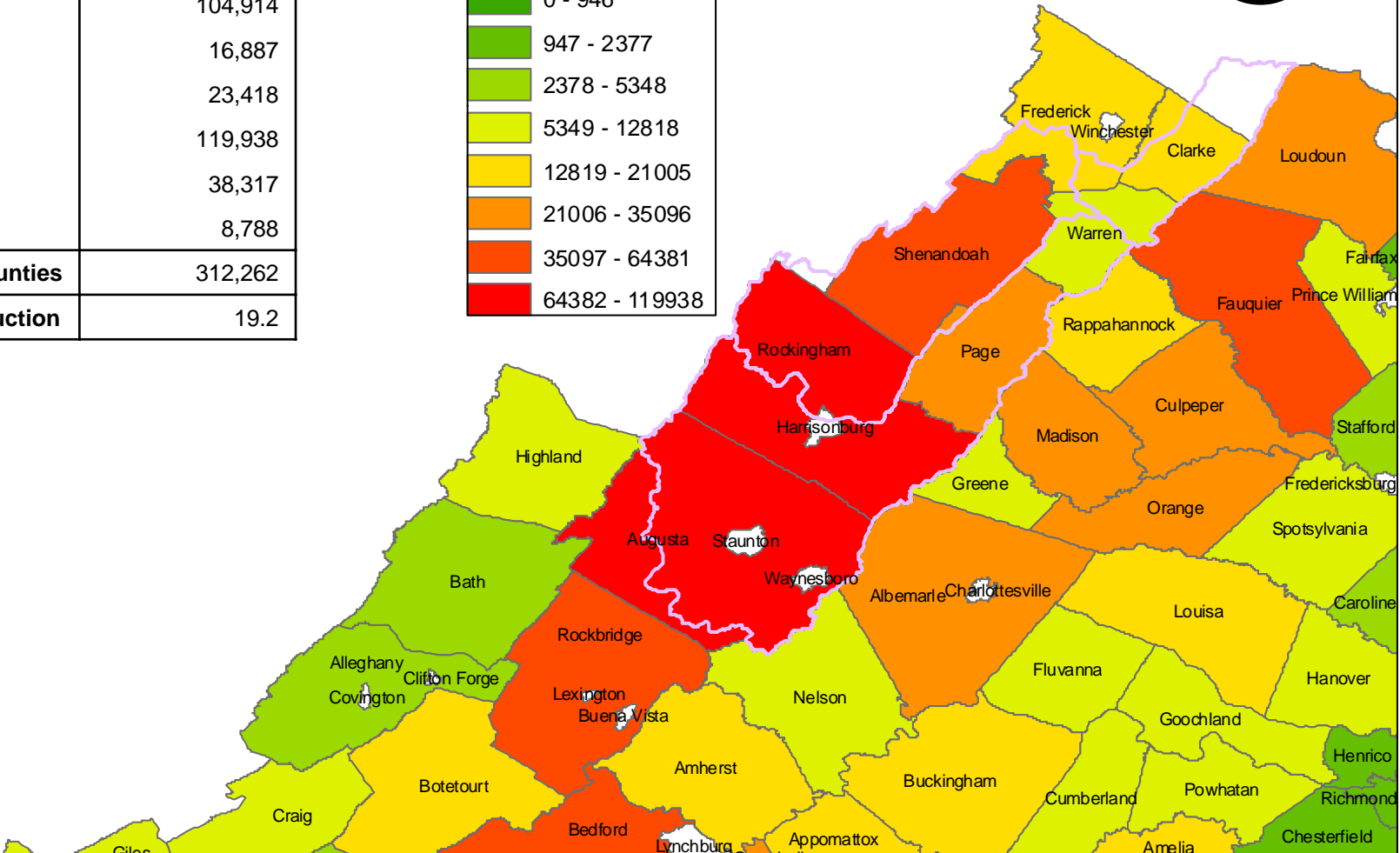
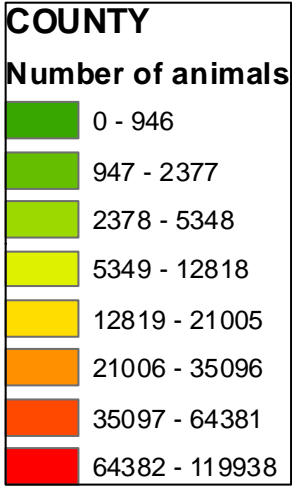


SF Shenandoah



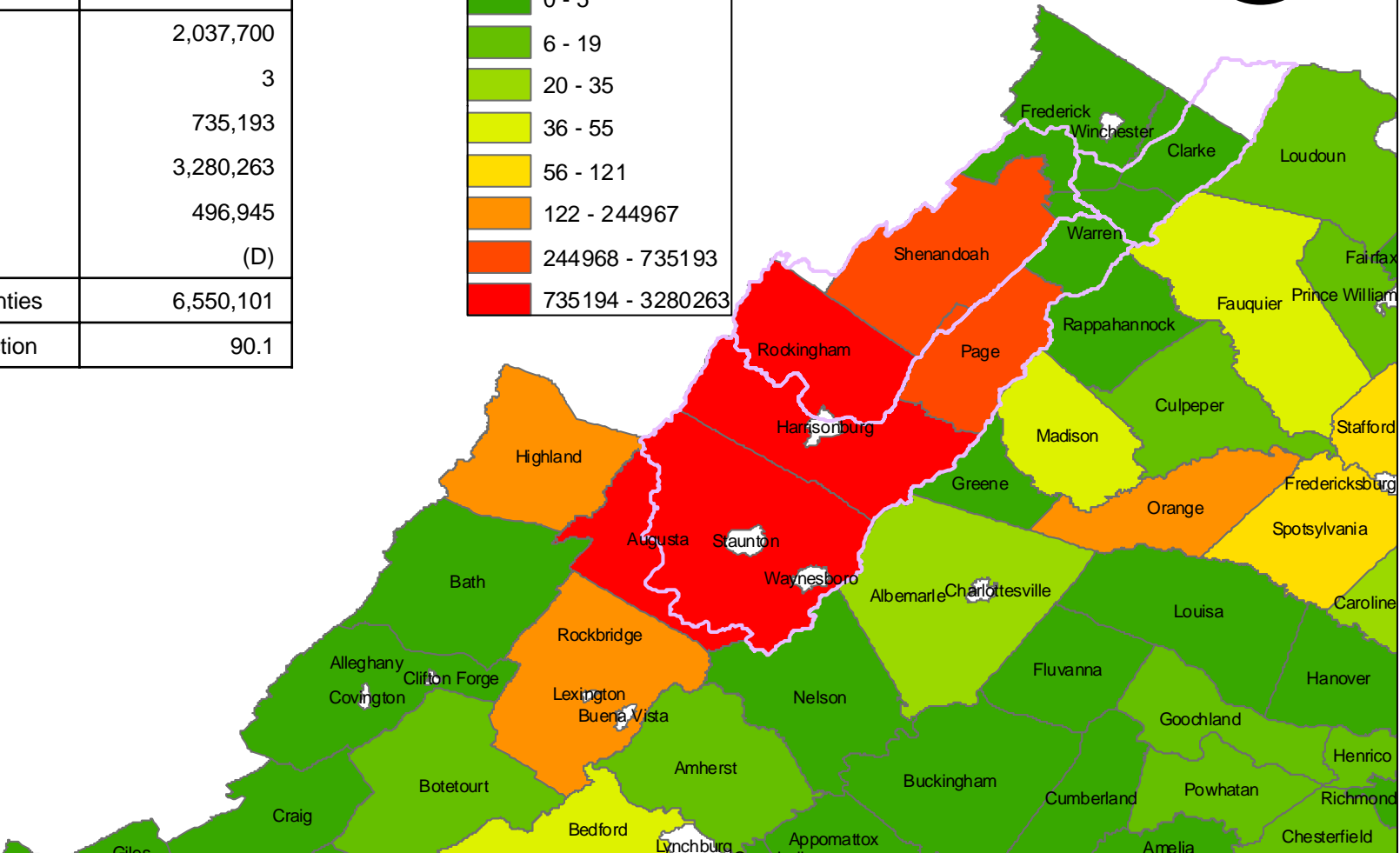
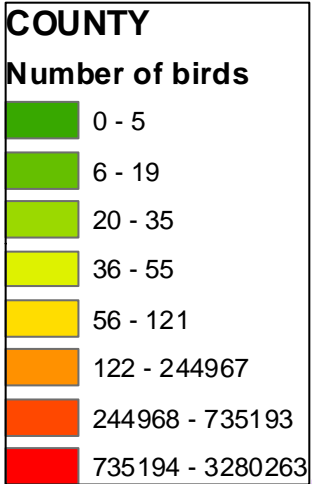
Cattle Virginia 2002

Region	Number of cattle
Virginia	1,622,767
Augusta	104,914
Clarke	16,887
Page	23,418
Rockingham	119,938
Shenandoah	38,317
Warren	8,788
Total for Valley Counties	312,262
% of Virginia Production	19.2

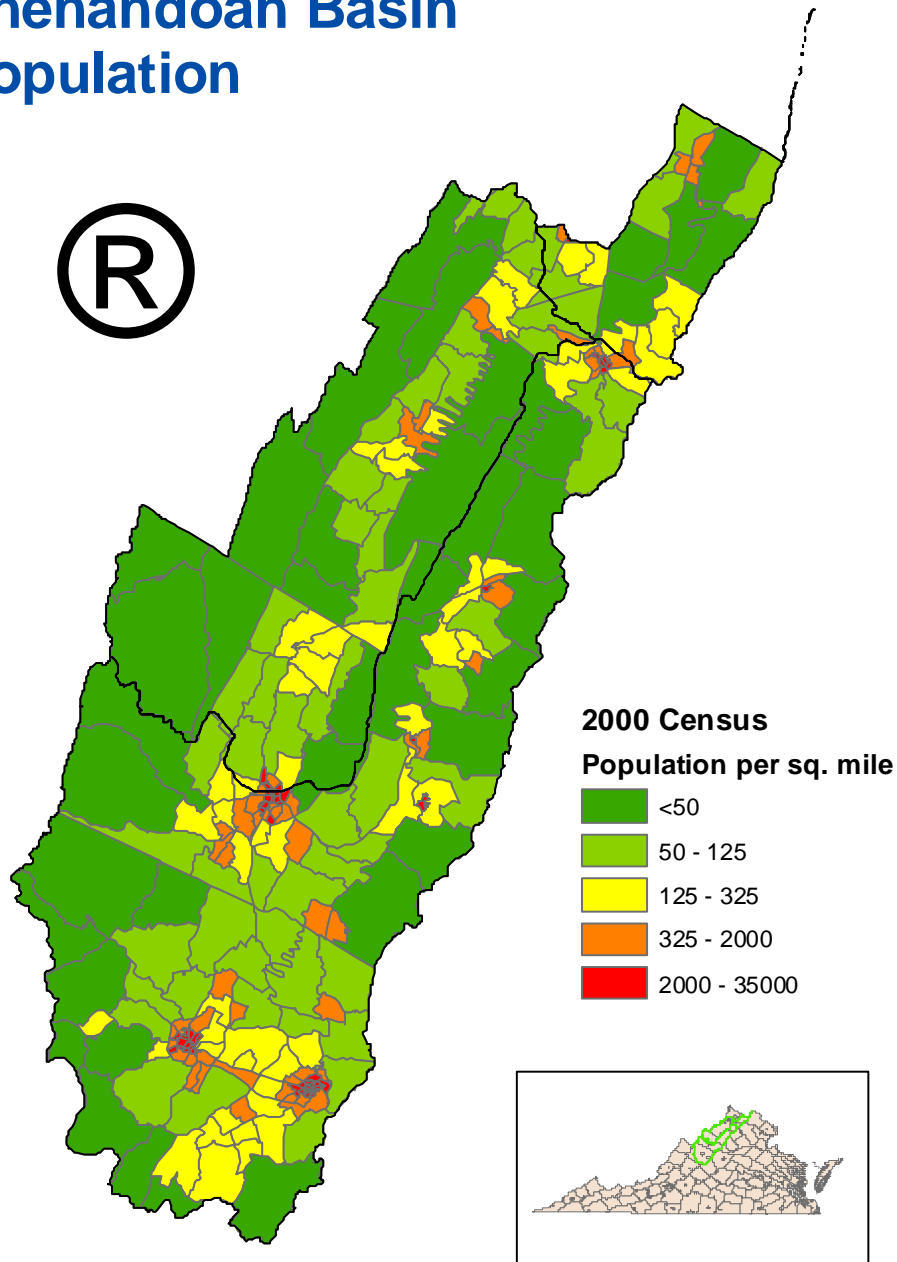


Turkeys Virginia 2002

Region	Number of birds
Virginia	7,272,456
Augusta	2,037,700
Clarke	3
Page	735,193
Rockingham	3,280,263
Shenandoah	496,945
Warren	(D)
Total for Valley Counties	6,550,101
% of Virginia Production	90.1

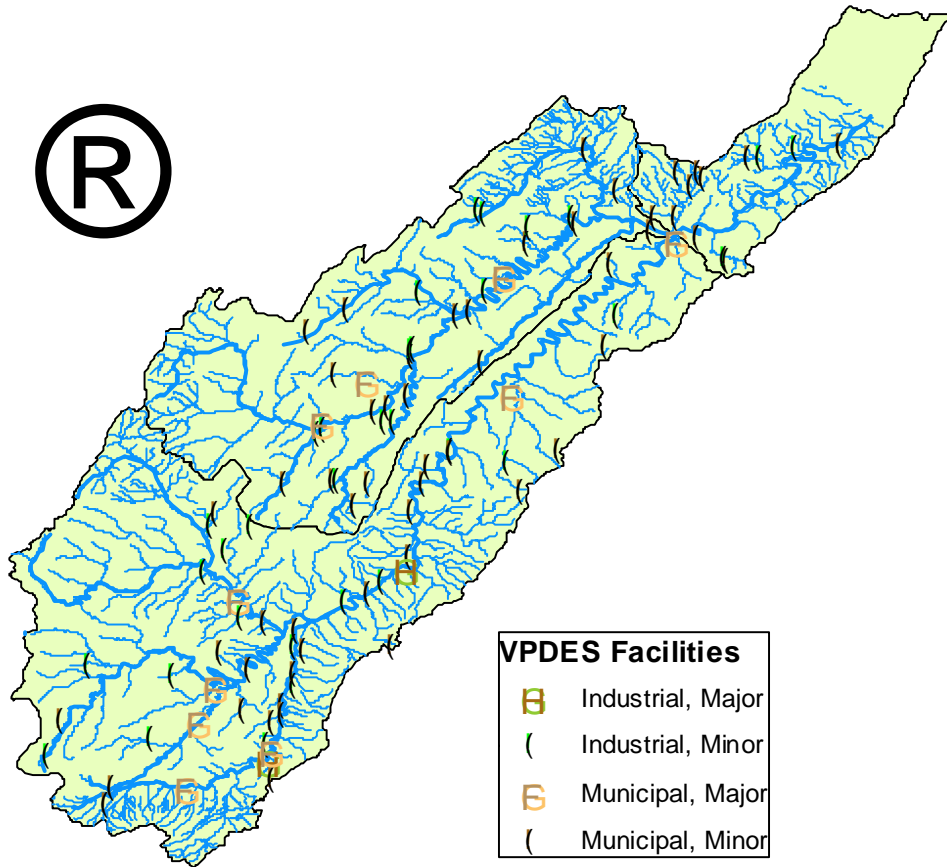




Shenandoah Basin Population

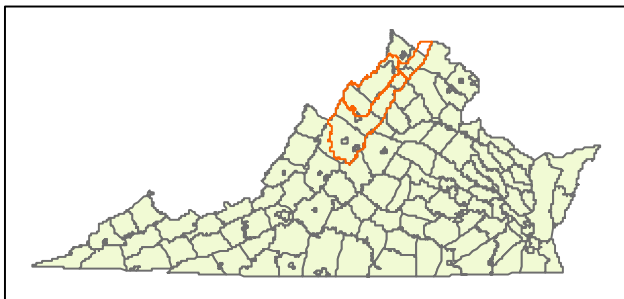


	NF Shenandoah	SF Shenandoah
1990 Population	63,614	194,742
2000 Population	72,075	226,109
1990 Population density (per sq mile)	62	116
2000 Population density (per sq mile)	70	135
Population change	13 %	16 %

VPDES Facilities



VPDES Facilities	
	Industrial, Major
	Industrial, Minor
	Municipal, Major
	Municipal, Minor



Industrial Majors (Significant Pollution Potential)

INVISTA - Waynesboro

Merck & Company Inc - Stonewall Plant

Municipal Majors (> 1 MGD)

Fishersville Regional STP

Front Royal STP

Luray STP

Massanutten Public Service STP

Middle River Regional STP

North Fork Modular Reclamation &
Reuse Facility (Schaeffer)

North River WWTF

Stuarts Draft WWTP

Waynesboro STP

Woodstock STP