

Maryland Department of Natural Resources
Forest Service

**15-year FCA Review
Revised**



Impact on Forest Cover Statewide

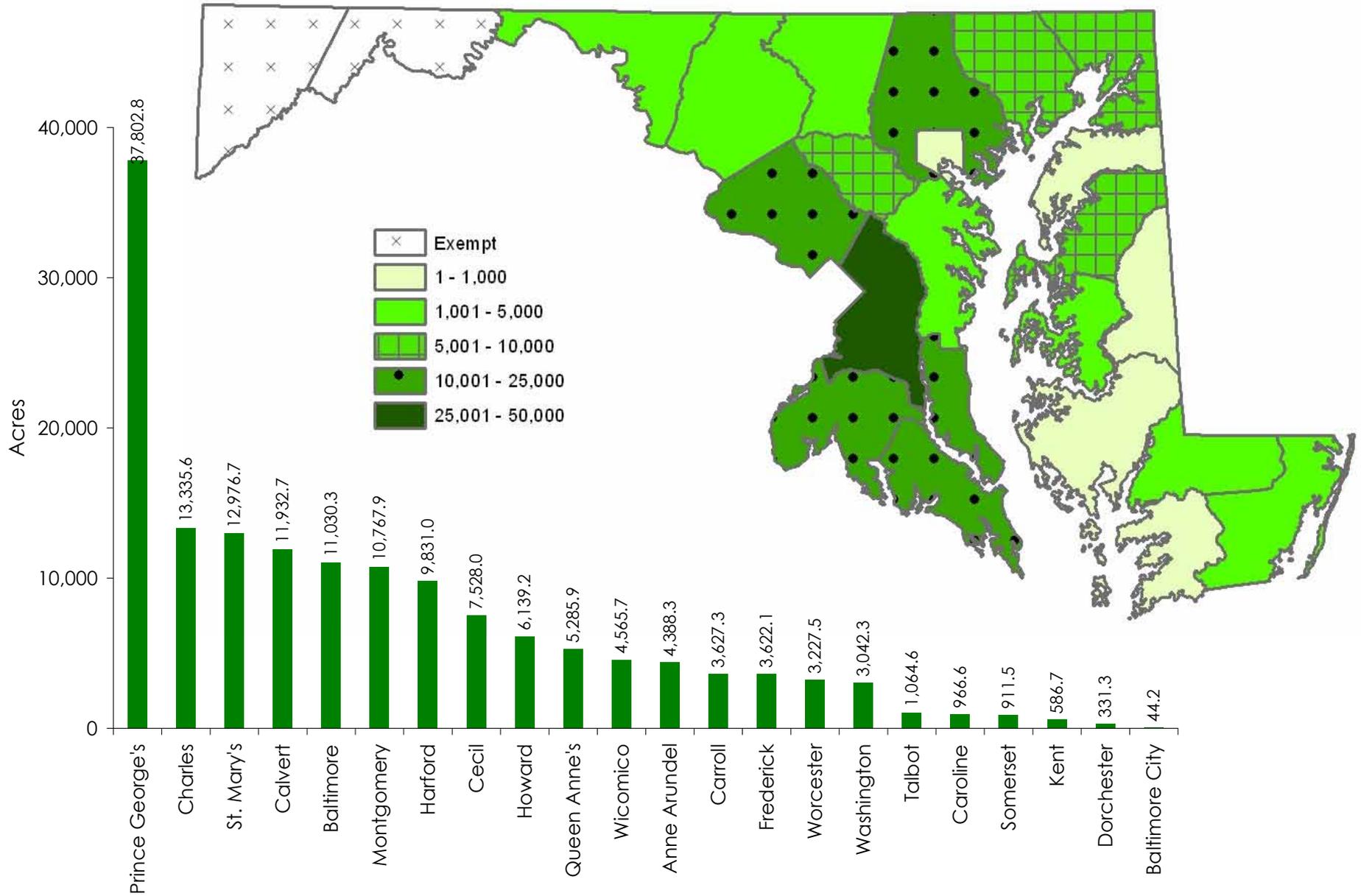
In January 1990, the Governor's Task Force on Trees and Forests was created to assess the problems facing Maryland's trees and forests, identify solutions to these problems and more importantly, promote good land stewardship and protection of Maryland's trees and forests. The Task Force developed the *Report of The Governor's Task Force on Trees and Forests in Maryland*, July 12, 1990, which listed 21 task force recommendations. The seventh recommendation was to "Adopt a statewide tree and forest conservation, protection and reforestation law that provides for local implementation." This recommendation led to the creation of the Forest Conservation Act.

The Forest Conservation Act of 1991 (FCA) was enacted to protect the forests of Maryland by making the identification and protection of forests and other sensitive areas an integral part of the site planning process. It is administered by the Maryland Department of Natural Resources Forest Service (DNR FS), but implemented by both state and local governments. The DNR FS is responsible for the effective implementation of the FCA through oversight of local forest conservation programs and direct review of State-funded and State Agency projects. The primary objective of the FCA is to minimize loss of forest land from development and ensure that priority areas for forest retention and forest planting are identified and protected prior to development. These priority areas include areas adjacent to streams and wetlands, on steep slopes and erodible soils, in or adjacent to large contiguous forest blocks, and within or creating connecting wildlife corridors.

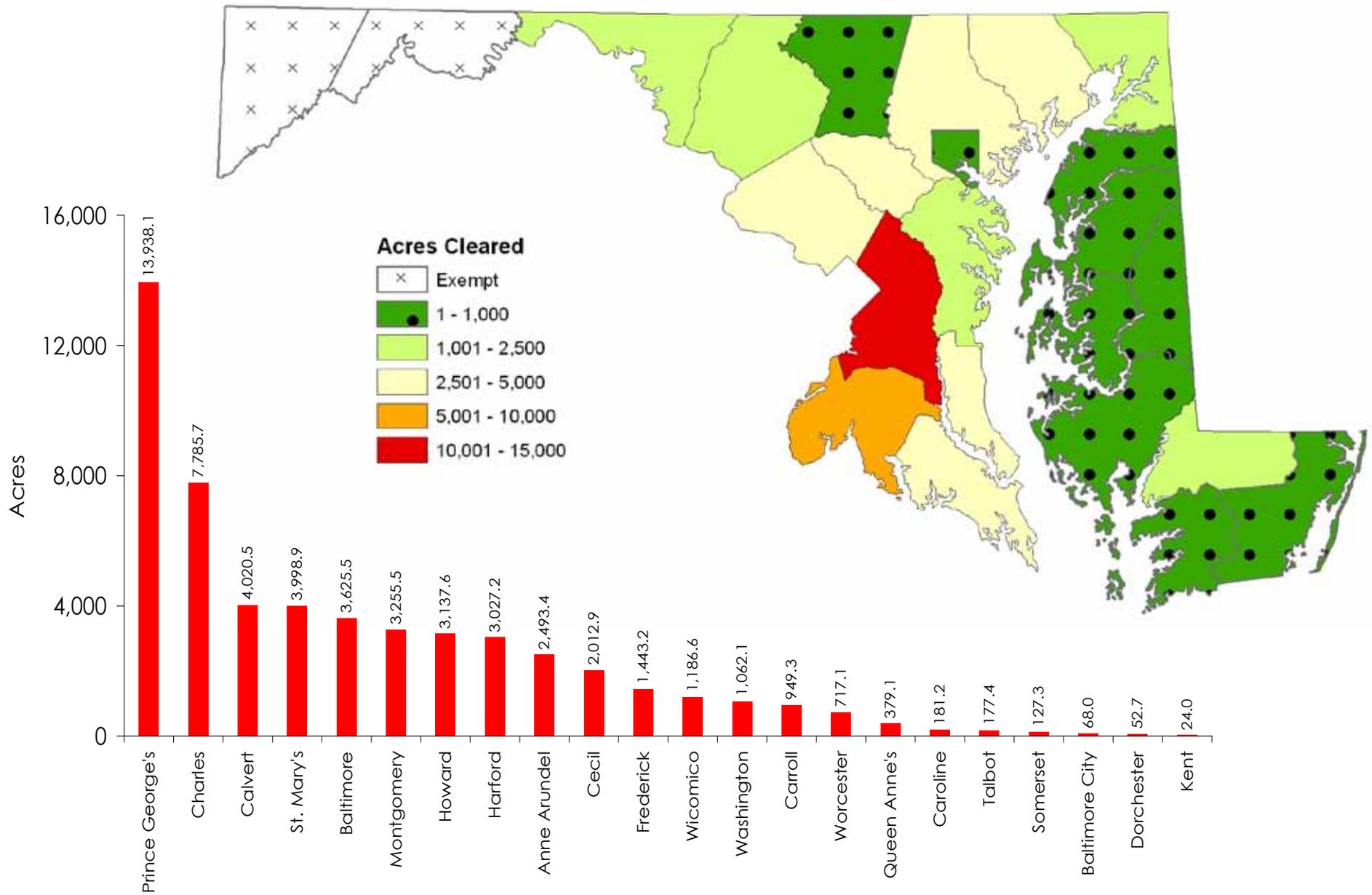
The FCA established standards for local authorities to enforce during development. Identification and mapping of the priority areas occurs during the development review and approval of a Forest Stand Delineation. Protection of these areas occurs through the establishment of long term protection agreements as part of the local approval of Forest Conservation Plans. In addition, sensitive areas located off-site provide opportunities for replanting, conservation and protection under a local comprehensive plan or when approved as a technique for afforestation or reforestation.

Since July of 1993, the DNR FS has received annual reports from local governments that contain data on the implementation of their locally adopted forest conservation programs. The data submitted includes: number, location, and types of projects; amount of acres cleared, conserved, and planted in connection with development projects; the amount of fees-in-lieu of planting and penalties collected and expended; and the costs of implementing the local program. The DNR FS has compiled the information from the time period of January 1993 through June 2007 into a fifteen year summary of forest conservation activities statewide. The data analyzed focuses on the amount of forest on the site prior to development and the amount of forest designated to remain or be planted on site after development. The following is an analysis of the data.

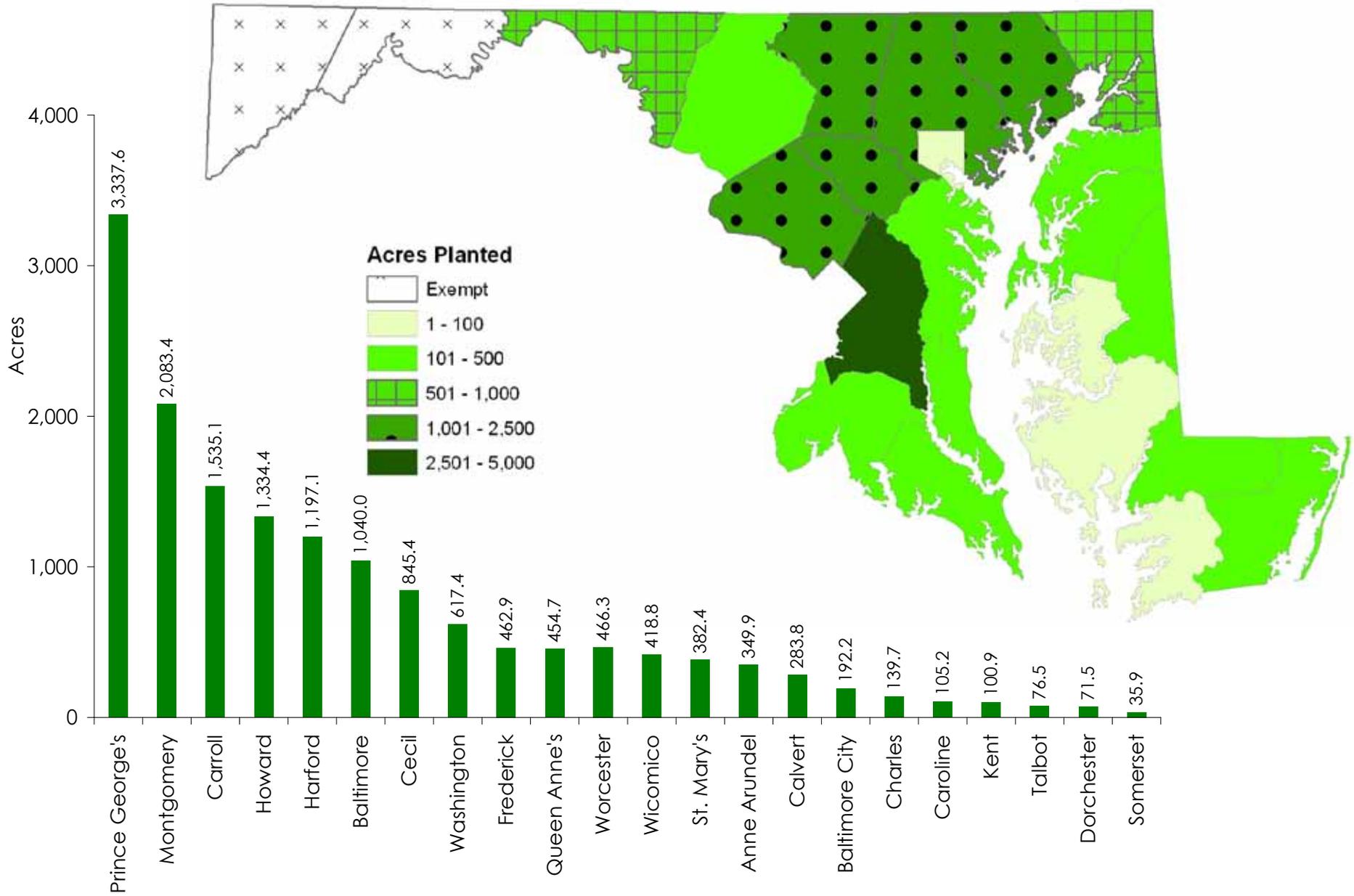
Acres of Existing Forest Under Review by County Forest Conservation Programs 1993 to 2007



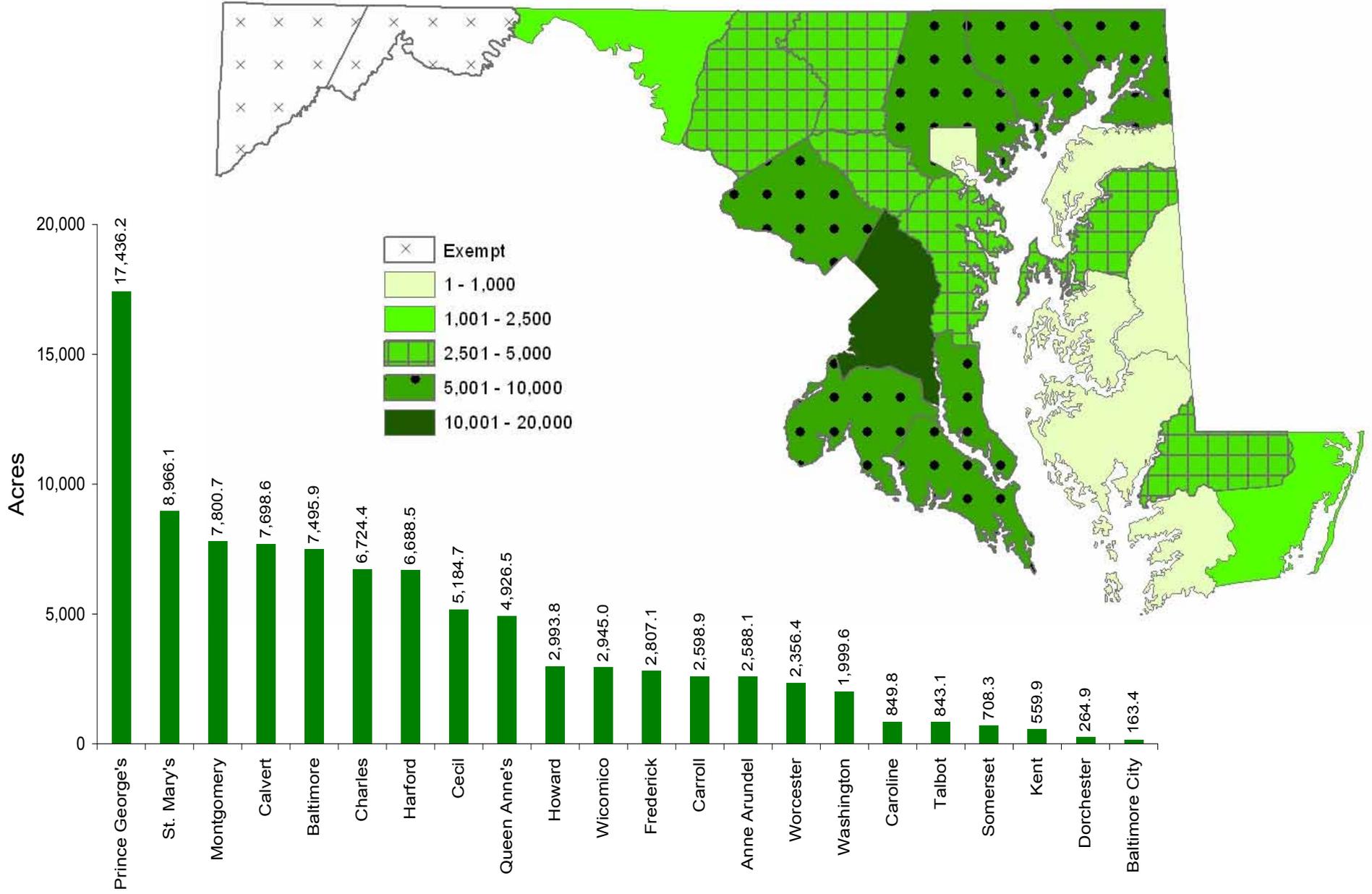
Acres of Forest Clearing Approved Under County Forest Conservation Programs 1993 to 2007



Acres of Forest Planted Under County Forest Conservation Programs 1993 to 2007

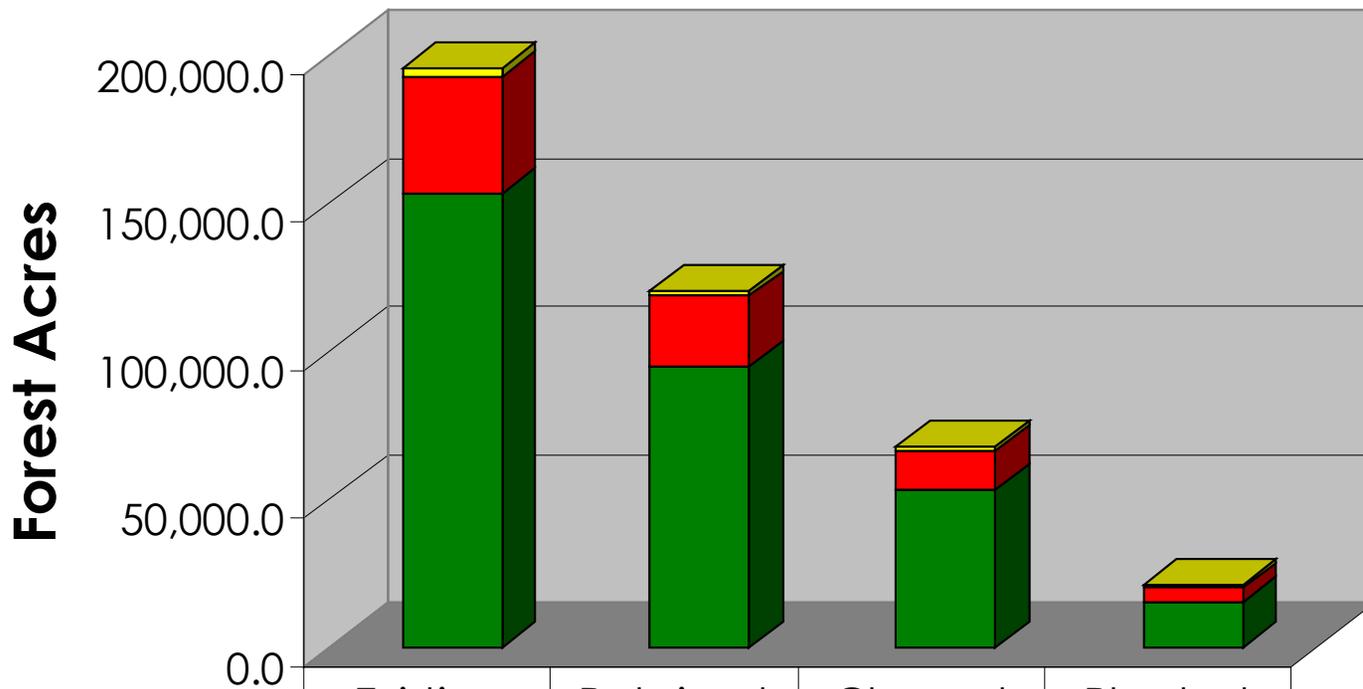


Acres of Forest Retained Under County Forest Conservation Programs 1993 to 2007



Forest Conservation Act Program FY 1993 - 2007

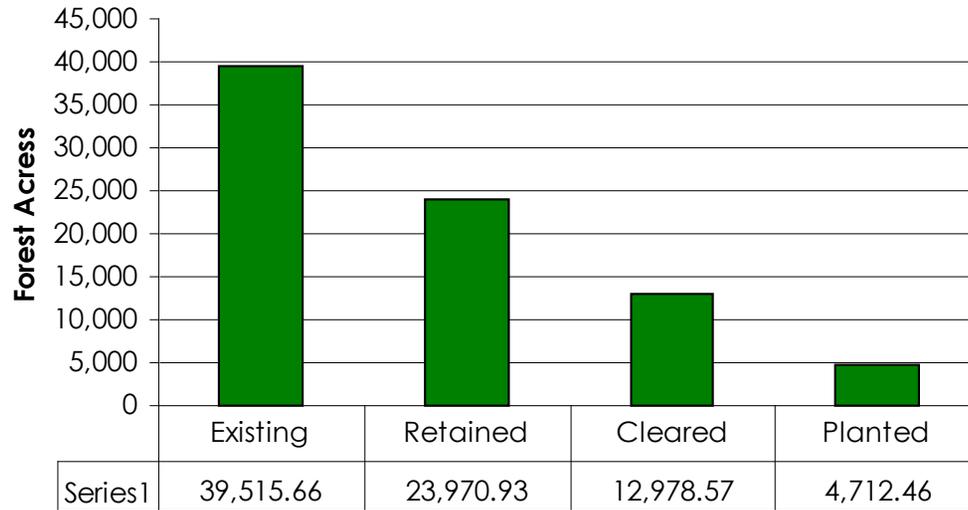
Forest Acreage Under Review



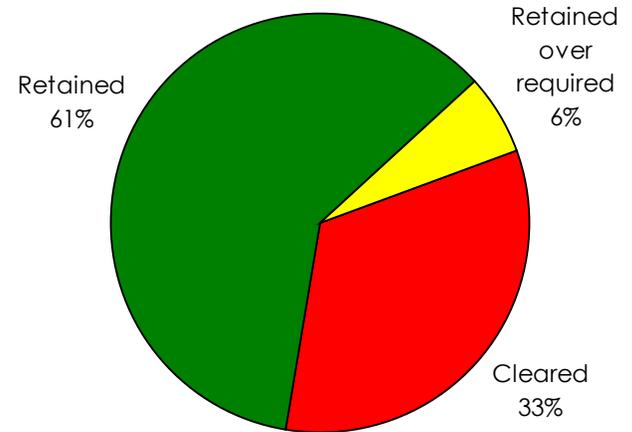
	Existing	Retained	Cleared	Planted
■ Municipalities	3,089.0	1,607.6	1,559.4	1,212.8
■ State	39,515.7	23,970.9	12,978.6	4,712.5
■ County	153,007.9	94,599.6	53,663.0	15,531.0

State Forest Conservation Program FY 1993 - 2007

Forest Acreage Under Review



Impact of Forest Conservation



State Forest Conservation Program reviews projects that are State funded, by a federal or State agency, on State land, and projects in jurisdictions without a local forest conservation program.

Analysis of Individual County and Municipality Forest Conservation Program

Legend/Key

Retained acres are under long-term protection (LTP ; additional onsite retention may have occurred without LTP.

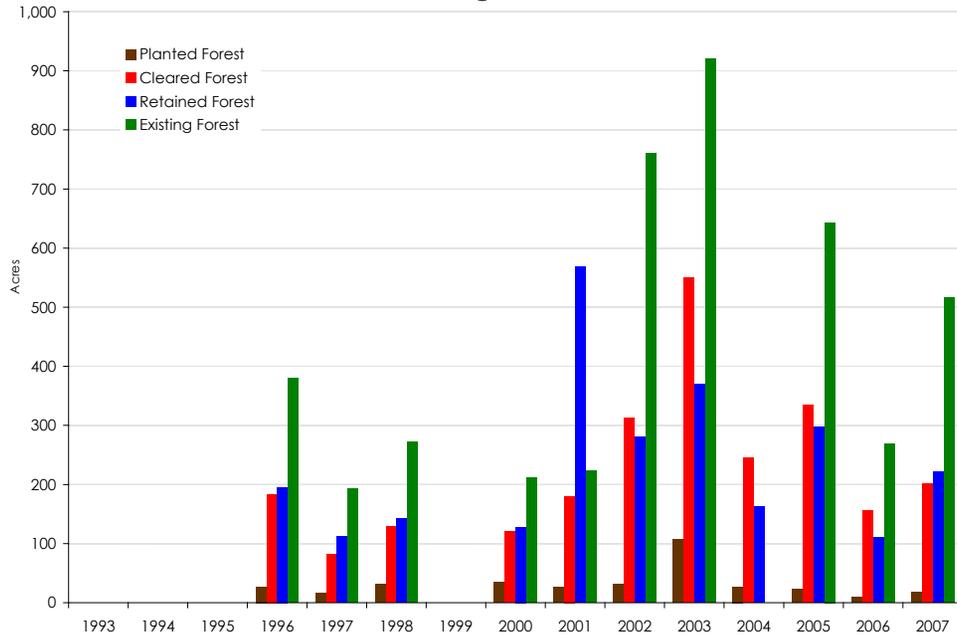
Retained over required is the forest remaining (forest not cleared or retained).

2002 data per county from Maryland Generalized Land Use/Land Cover Statistics, Maryland Department of Planning, water classification not included.

All Counties does not include Allegany and Garrett Counties

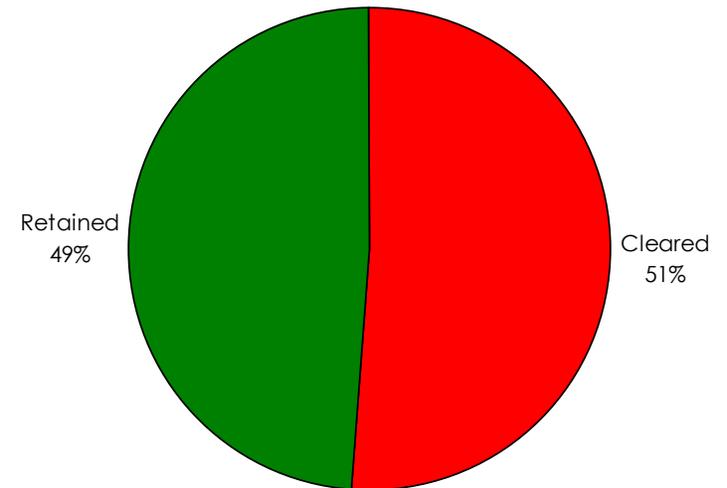
Anne Arundel County

Forest Acreage Under Review



FY93, FY94, FY95, & FY99 no report

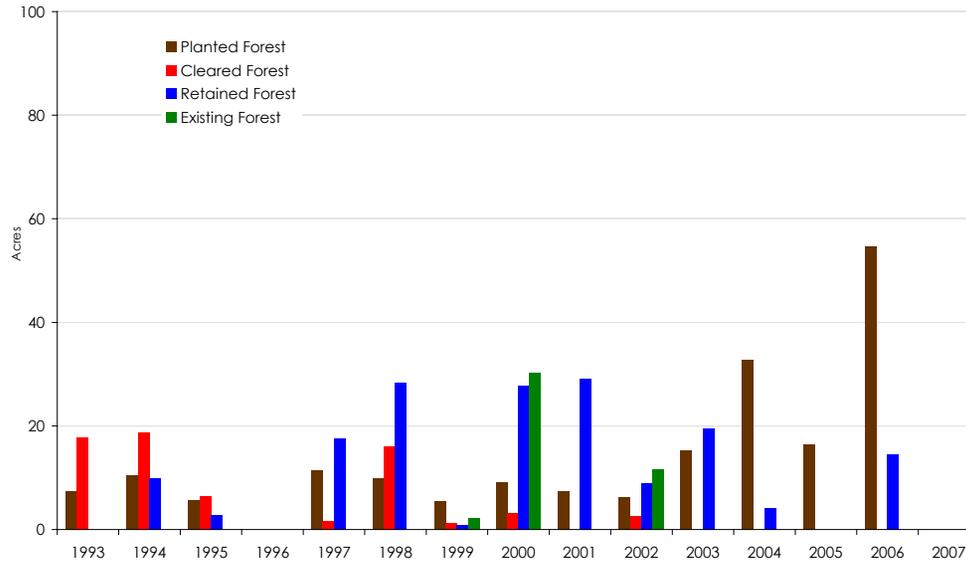
Impact of Forest Conservation



Forest	Anne Arundel	All Counties	%
Existing	4,388.3	153,007.9	2.9
Retained	2,588.1	94,599.6	2.7
Cleared	2,493.4	53,663.0	4.6
Planted	349.9	15,531.0	2.2
Retained & Planted Banks	0	2,183.6	0
2002 Data	109,110.6	2,081,182	
%Land Area	41%	37.8%	

Baltimore City

Forest Acreage Under Review

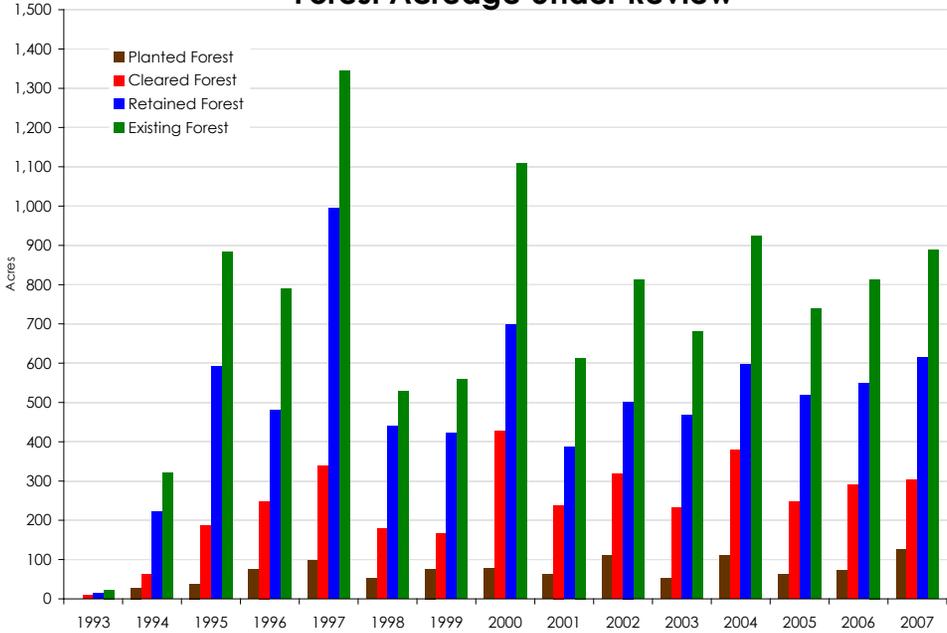


FY93 & FY06 incomplete reports; FY07 no report

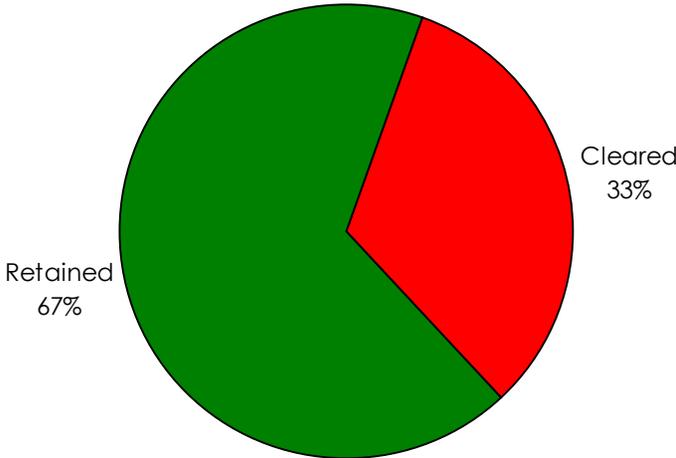
Forest	Baltimore City	All Counties	%
Existing	44.2	153,007.9	
Retained	163.4	94,599.6	
Cleared	68.0	53,663.0	
Planted	192.2	15,531.0	
Retained & Planted Banks	0	2,183.6	0
2002 Data	3,755.3	2,081,182	
%Land Area	7%	37.8%	

Baltimore County

Forest Acreage Under Review



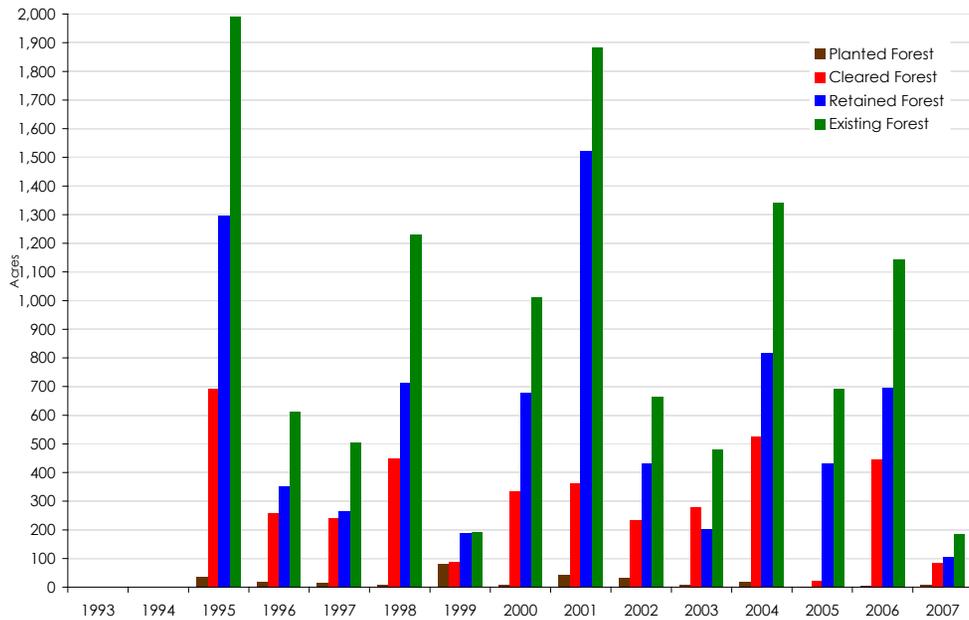
Impact of Forest Conservation



Forest	Baltimore	All Counties	%
Existing	11,030.3	153,007.9	7.2
Retained	7,495.9	94,599.6	.1
Cleared	3,625.5	53,663.0	6.3
Planted	1,040.0	15,531.0	6.7
Retained & Planted Banks	0	2,183.6	0
2002 Data	129,440.4	2,081,182	
%Land Area	34%	37.8%	

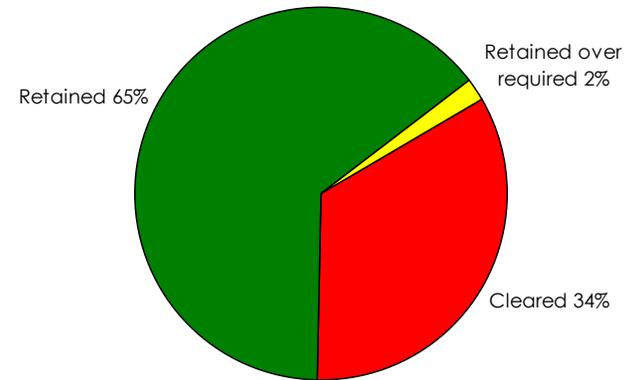
Calvert County

Forest Acreage Under Review



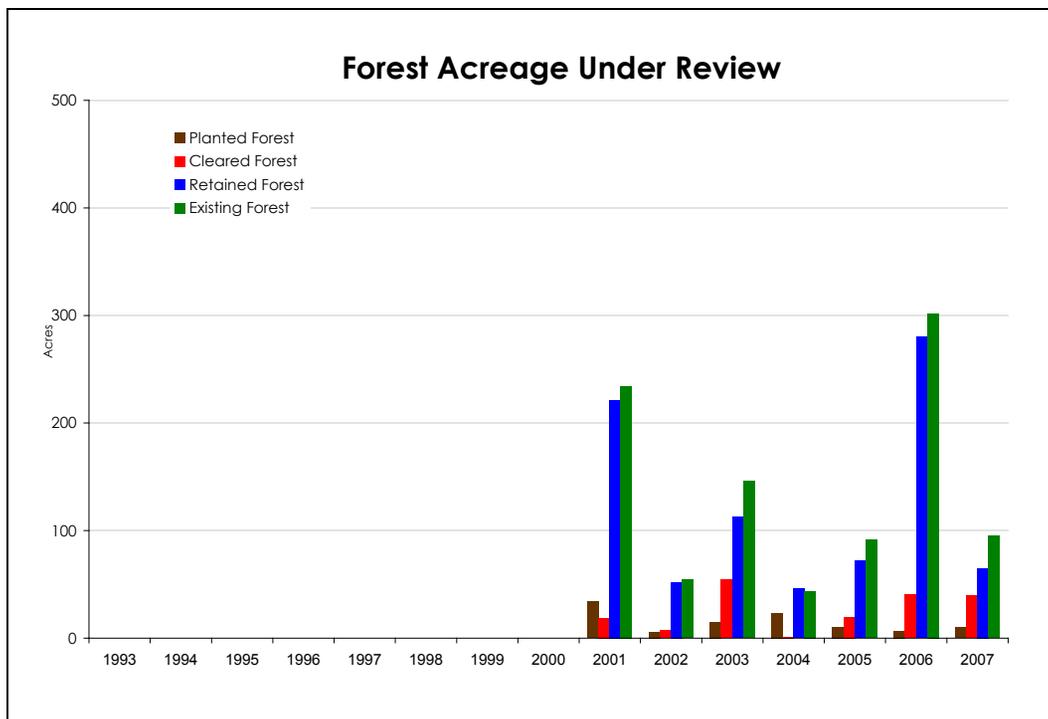
FY93 & FY94 included in FY95 report

Impact of Forest Conservation

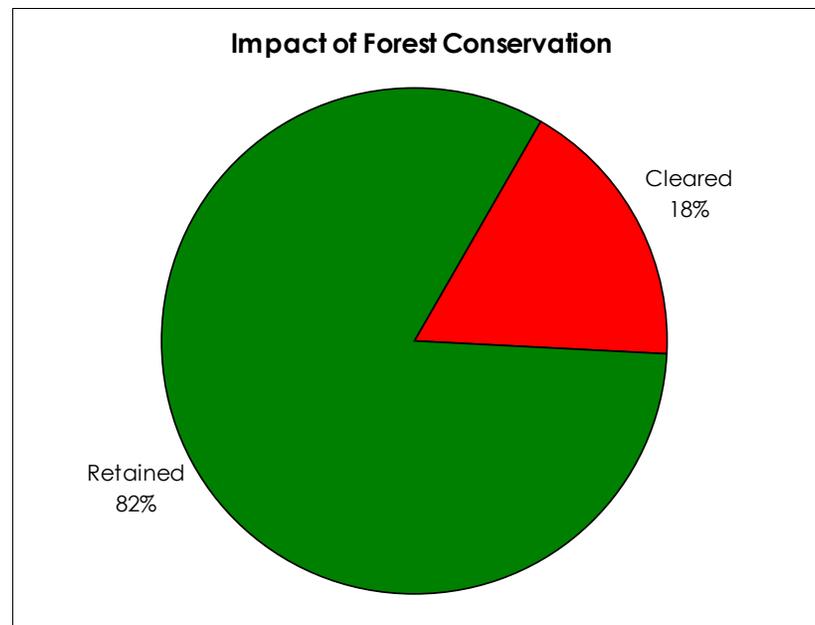


Forest	Calvert	All Counties	%
Existing	11,932.7	153,007.9	7.8
Retained	7,698.6	94,599.6	8.1
Cleared	4,020.5	53,663.0	7.4
Planted	283.8	15,531.0	1.8
Retained & Planted Banks	47	2,183.6	2.2
2002 Data	69,499.7	2,081,182	
%Land Area	51%	37.8%	

Caroline County



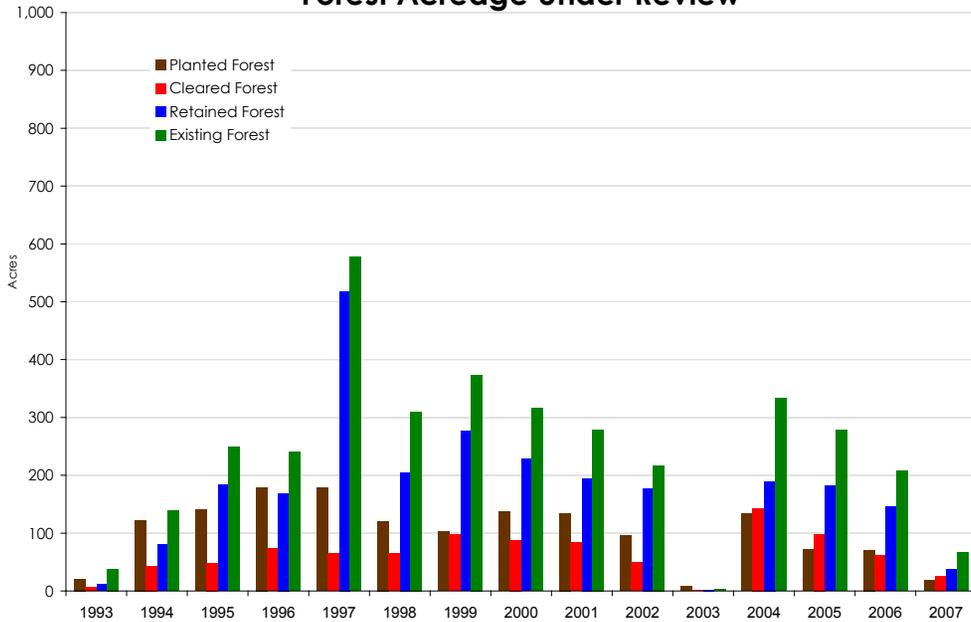
FY93 - 2000 State review



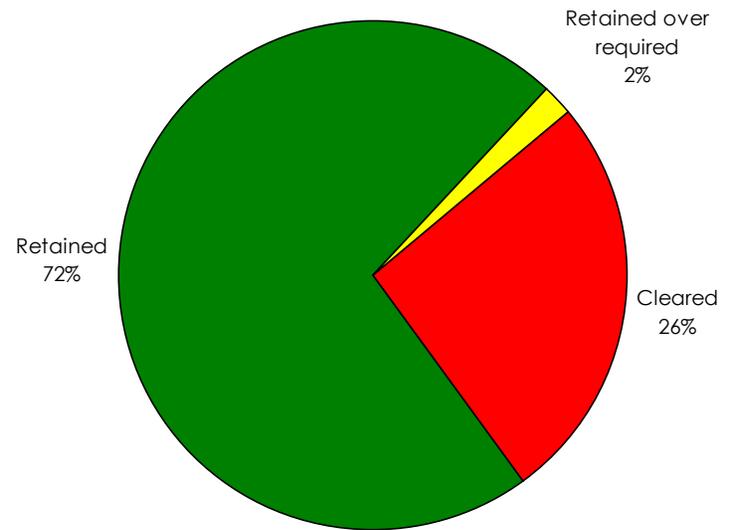
Forest	Caroline	All Counties	%
Existing	966.6	153,007.9	.6
Retained	849.8	94,599.6	.9
Cleared	181.2	53,663.0	.3
Planted	105.2	15,531.0	.7
Retained & Planted Banks	70.8	2,183.6	.3
2002 Data	63,610.0	2,081,182	
%Land Area	31%	37.8%	

Carroll County

Forest Acreage Under Review



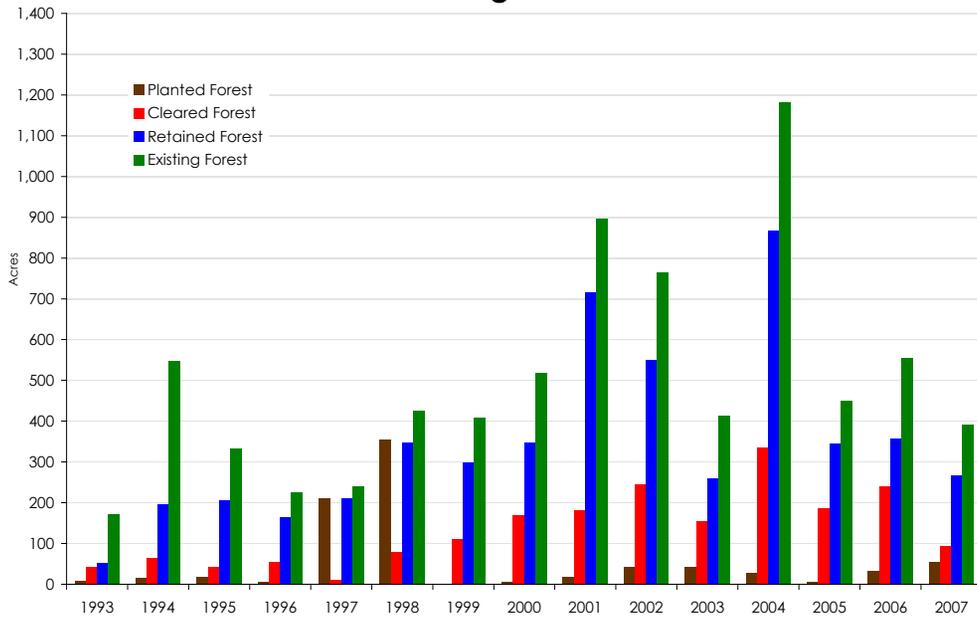
Impact of Forest Conservation



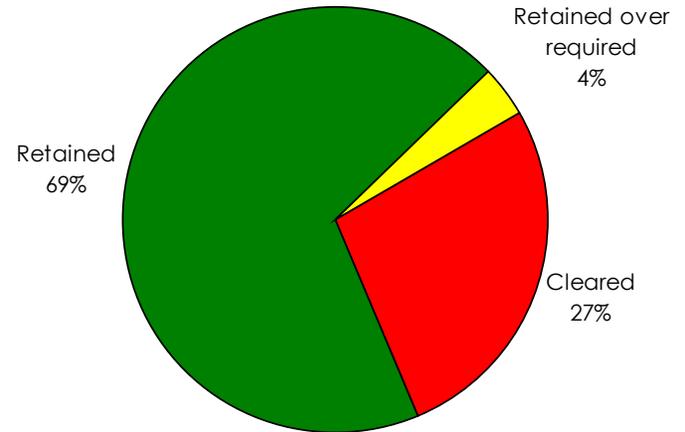
Forest	Carroll	All Counties	%
Existing	3,627.3	153,007.9	2.3
Retained	2,599.0	94,599.6	2.7
Cleared	949.3	53,663.0	1.7
Planted	1,535.1	15,531.0	9.9
Retained & Planted Banks	365.1	2,183.6	16.7
2002 Data	67,975.1	2,081,182	
%Land Area	24%	37.8%	

Cecil County

Forest Acreage Under Review



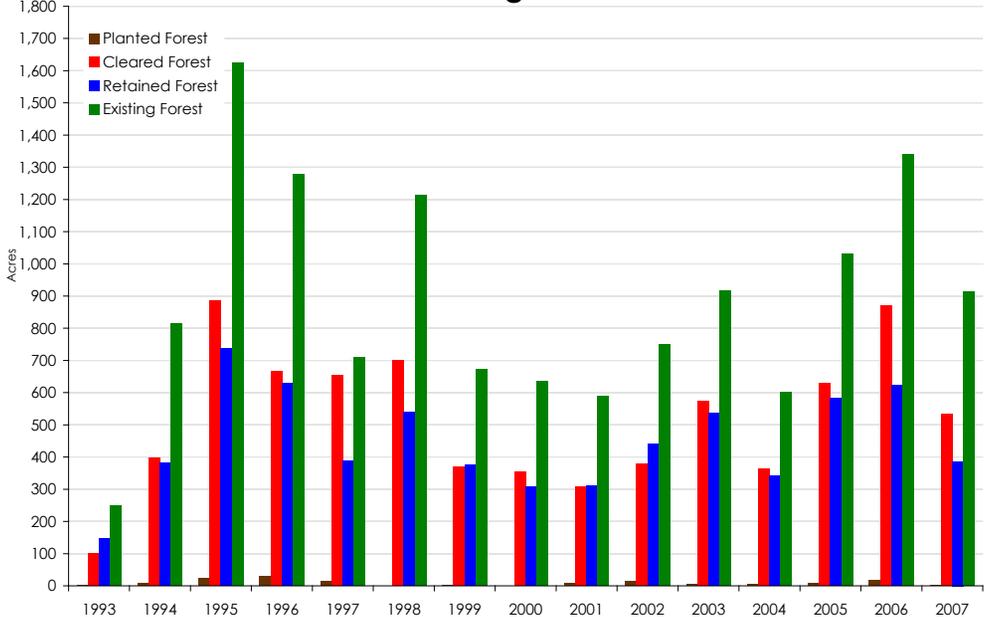
Impact of Forest Conservation



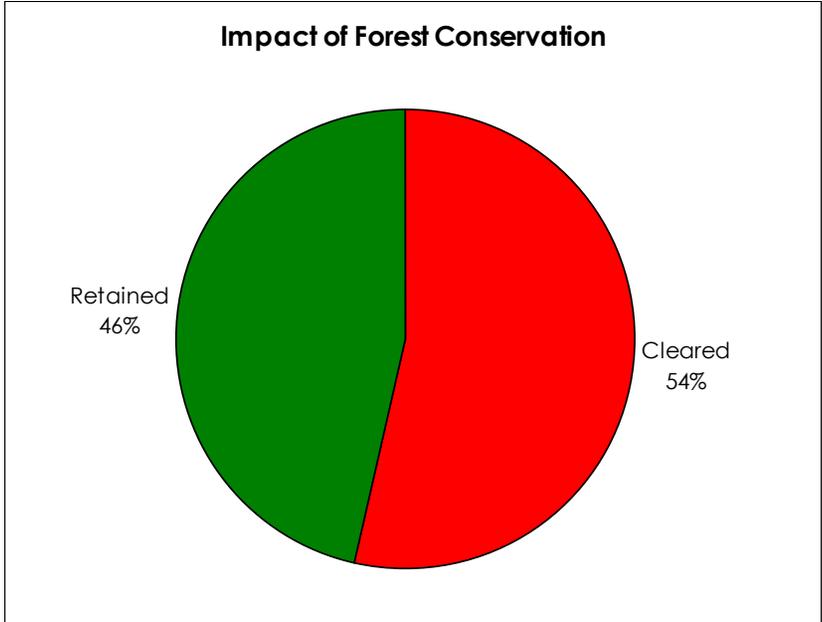
Forest	Cecil	All Counties	%
Existing	7,528.0	153,007.9	4.9
Retained	5,184.7	94,599.6	5.5
Cleared	2,012.9	53,663.0	3.8
Planted	845.4	15,531.0	5.4
Retained & Planted Banks	2	2,183.6	.1
2002 Data	84,851.9	2,081,182	
%Land Area	38%	37.8%	

Charles County

Forest Acreage Under Review



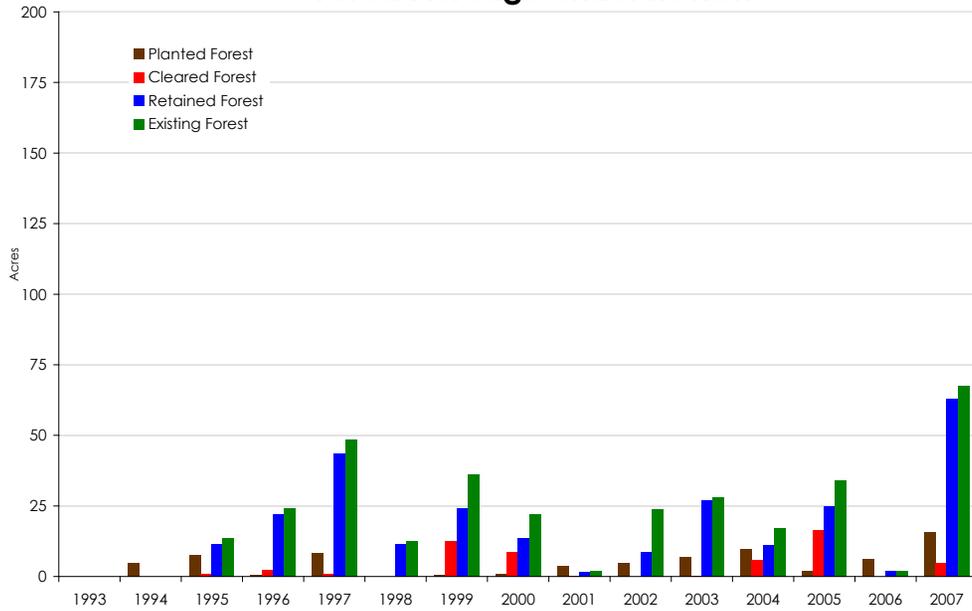
Impact of Forest Conservation



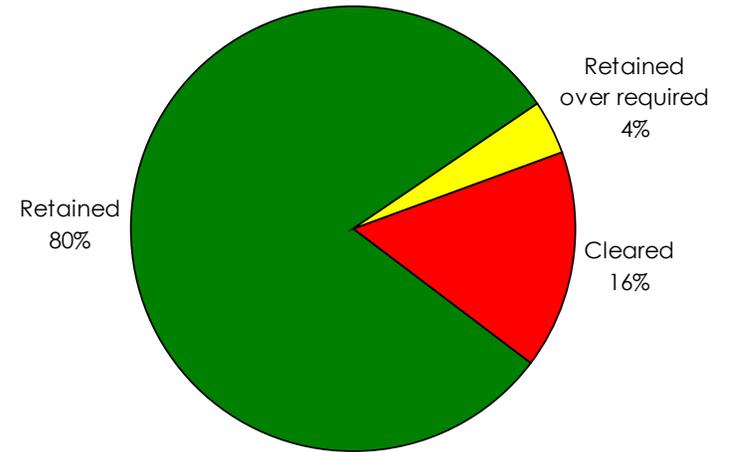
Forest	Charles	All Counties	%
Existing	13,335.6	153,007.9	8.7
Retained	6,724.4	94,599.6	7.1
Cleared	7,785.7	53,663.0	14.5
Planted	139.7	15,531.0	.9
Retained & Planted Banks	43.3	2,183.6	2
2002 Data	178,472.1	2,081,182	
%Land Area	61%	37.8%	

Dorchester County

Forest Acreage Under Review



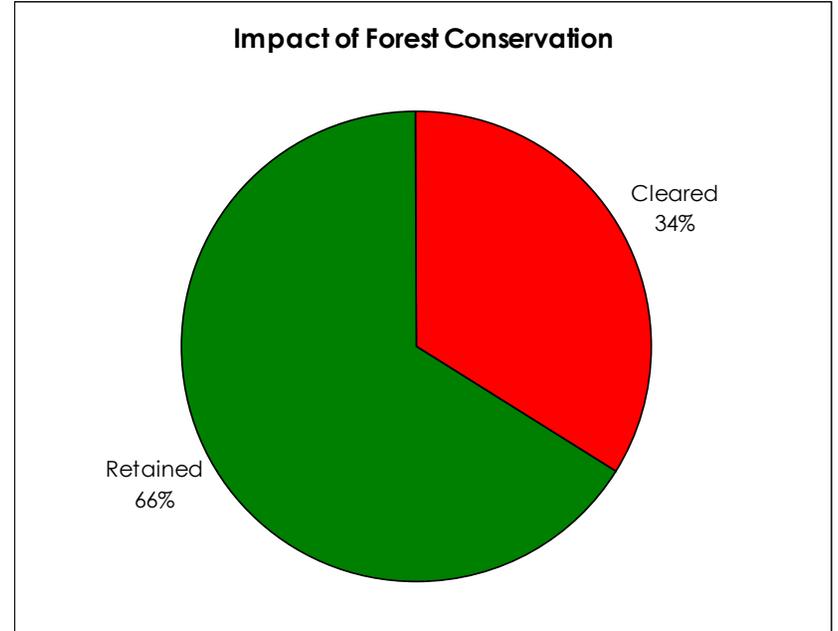
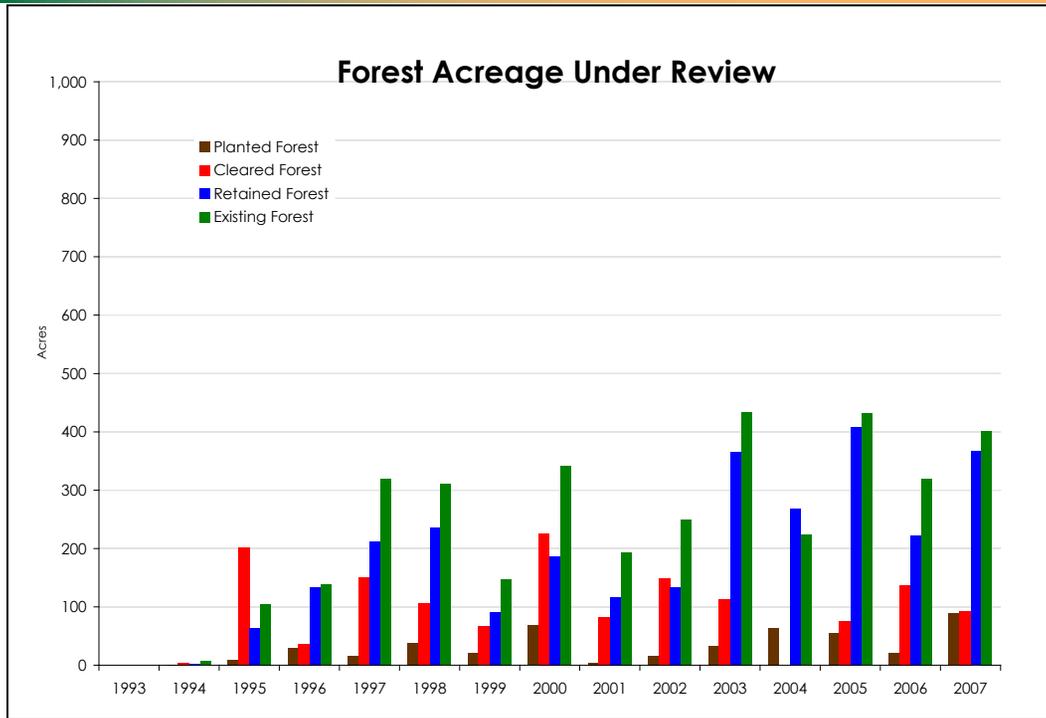
Impact of Forest Conservation



FY93 State review

Forest	Dorchester	All Counties	%
Existing	331.3	153,007.9	2
Retained	264.9	94,599.6	2.8
Cleared	52.7	53,663.0	.1
Planted	71.5	15,531.0	.5
Retained & Planted Banks	0	2,183.6	0
2002 Data	126,759.5	2,081,182	
%Land Area	36%	37.8%	

Frederick County

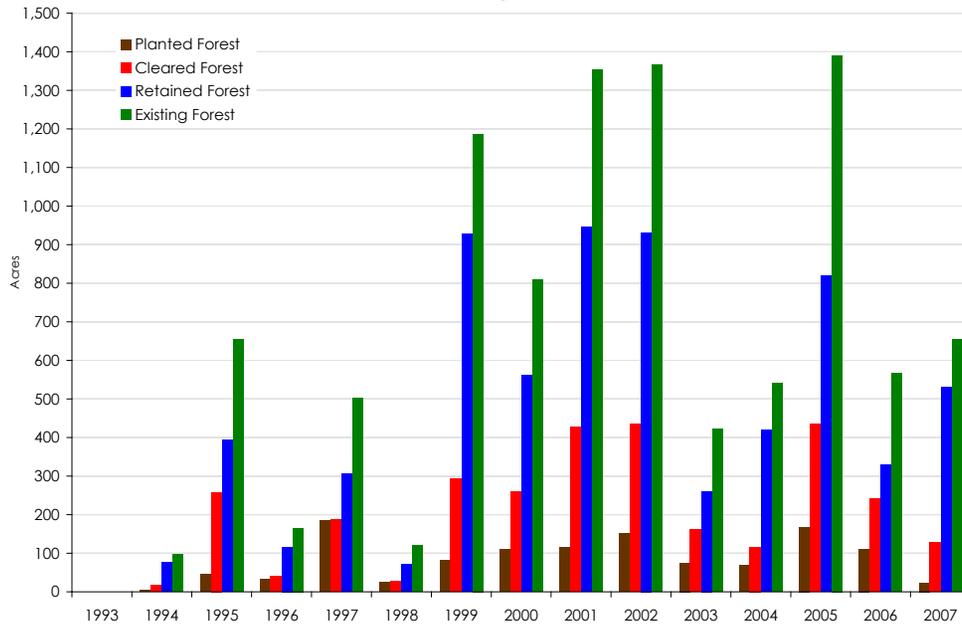


FY93 no report; FY04 incomplete report

Forest	Frederick	All Counties	%
Existing	3,622.1	153,007.9	2.4
Retained	2,807.0	94,599.6	3
Cleared	1,443.2	53,663.0	2.7
Planted	462.9	15,531.0	3
Retained & Planted Banks	0	2,183.6	0
2002 Data	145,432.3	2,081,182	
%Land Area	34%	37.8%	

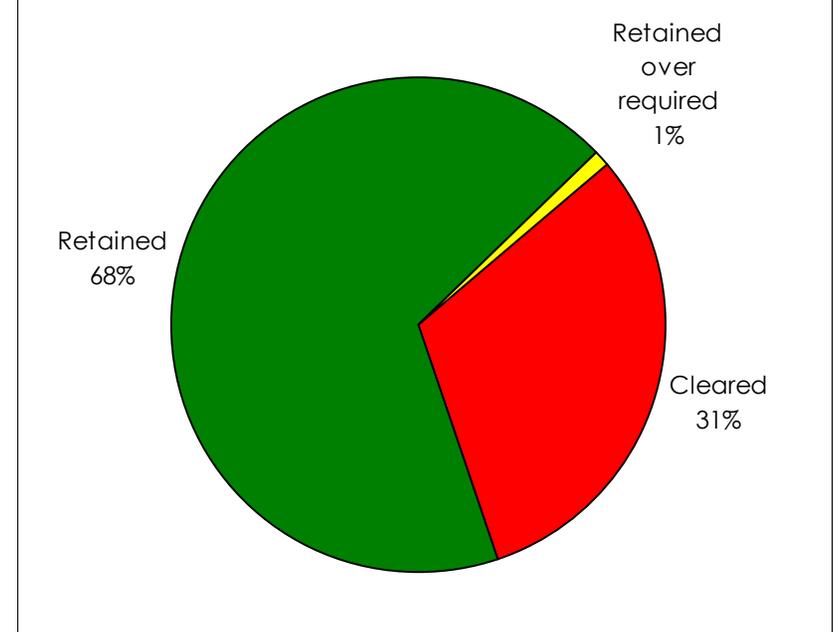
Harford County

Forest Acreage Under Review



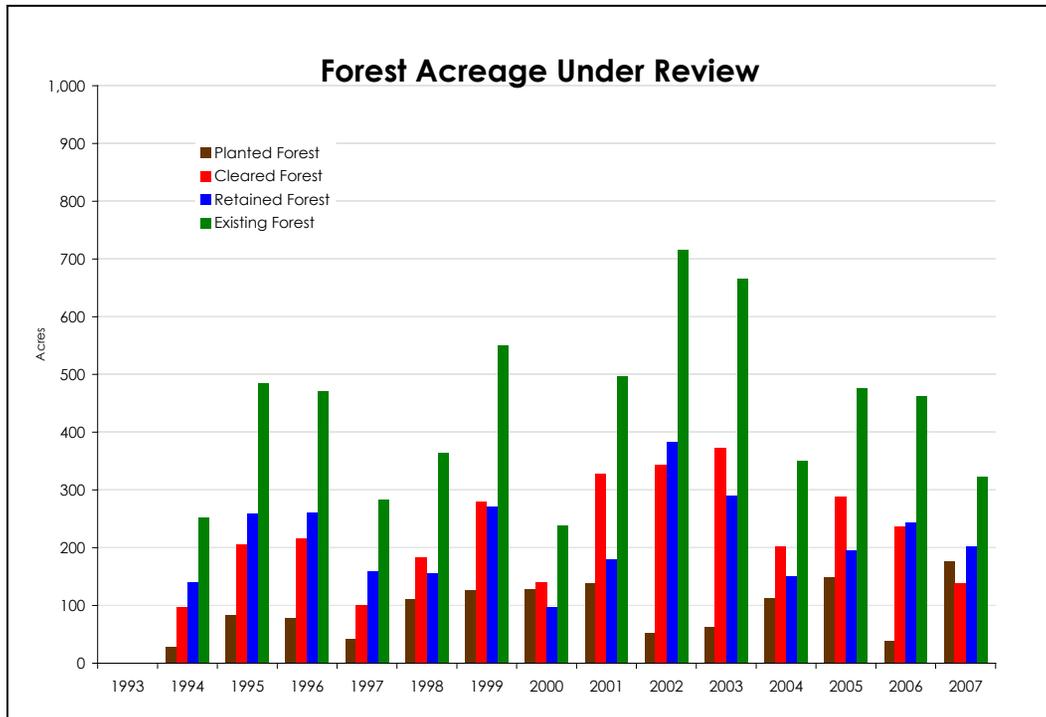
FY93 added to FY94 report

Impact of Forest Conservation

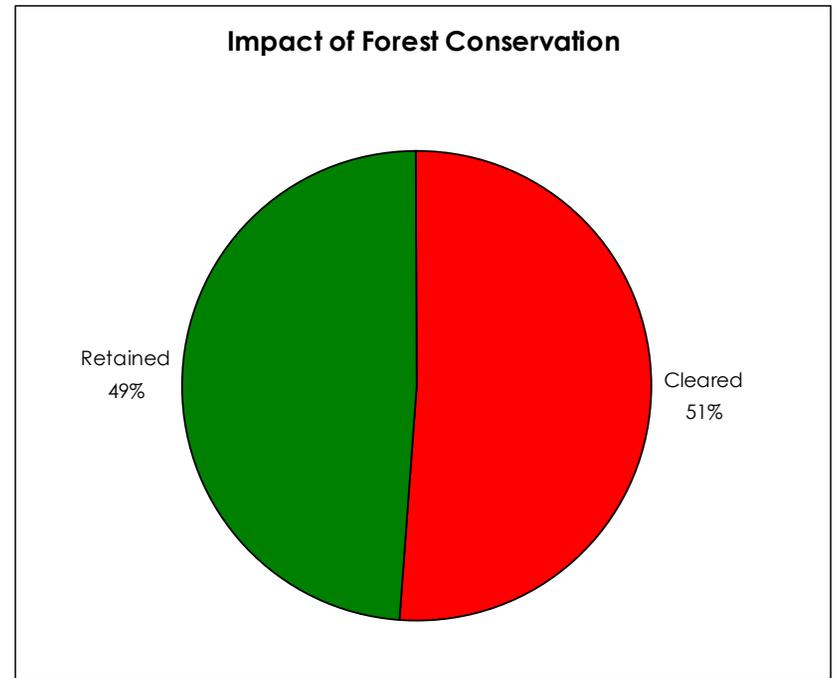


Forest	Harford	All Counties	%
Existing	9,831.0	153,007.9	6.4
Retained	6,688.5	94,599.6	7
Cleared	3,027.2	53,663.0	5.6
Planted	1,197.1	15,531.0	7.7
Retained & Planted Banks	0	2,183.6	0
2002 Data	95,892.1	2,081,182	
%Land Area	34%	37.8%	

Howard County



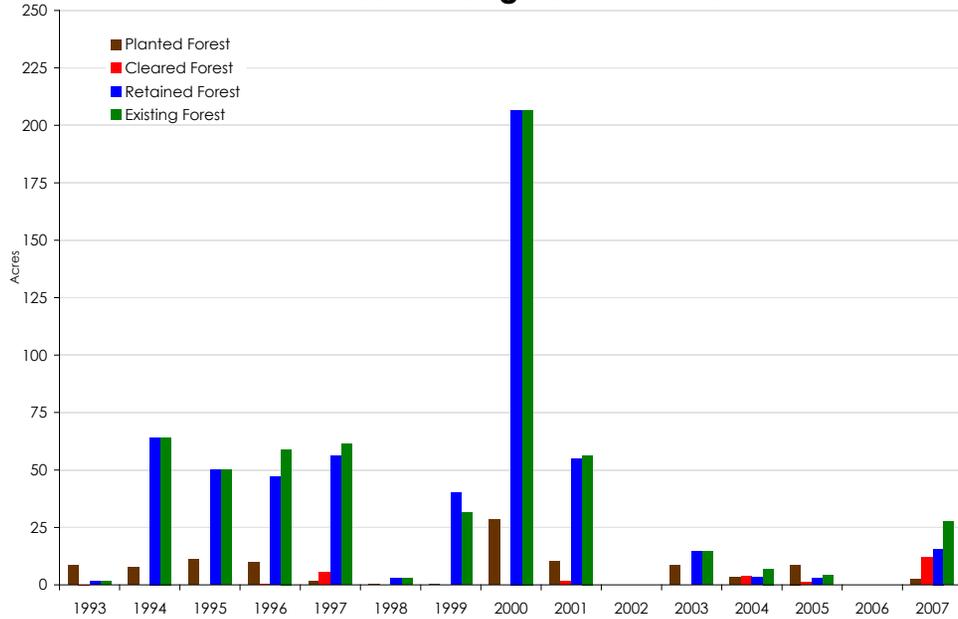
FY93 added to FY94 report



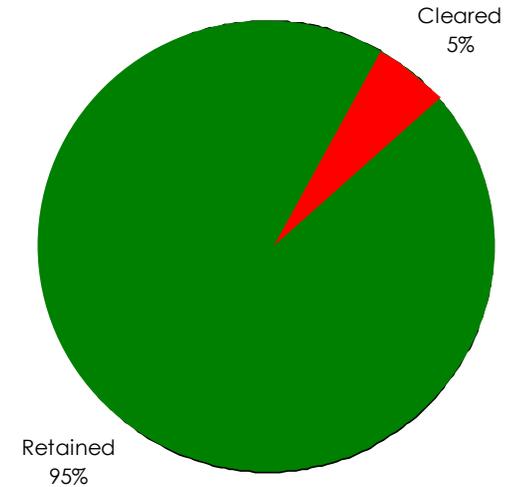
Forest	Howard	All Counties	%
Existing	6,139.2	153,007.9	4
Retained	2,993.8	94,599.6	3.2
Cleared	3,137.6	53,663.0	5.9
Planted	1,334.4	15,531.0	8.6
Retained & Planted Banks	112.5	2,183.6	5.2
2002 Data	49,517.9	2,081,182	
%Land Area	44%	37.8%	

Kent County

Forest Acreage Under Review



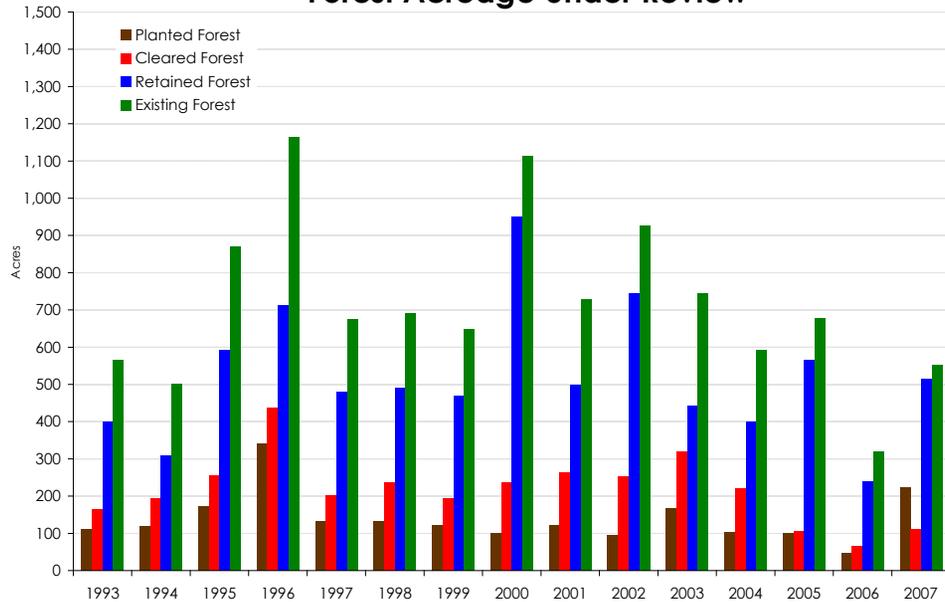
Impact of Forest Conservation



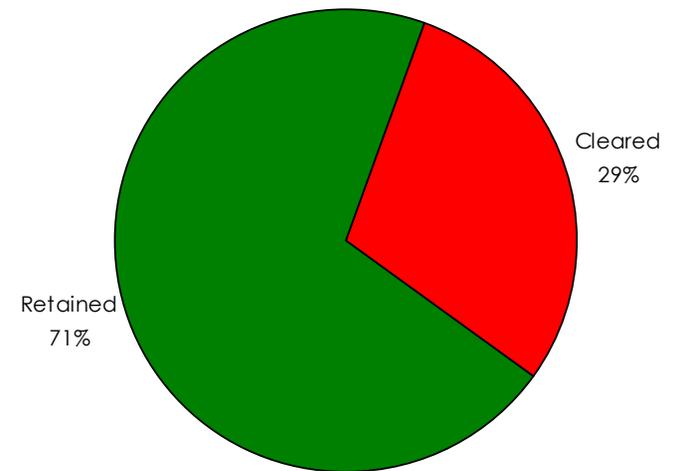
Forest	Kent	All Counties	%
Existing	586.7	153,007.9	.4
Retained	559.8	94,599.6	.6
Cleared	24	53,663.0	0
Planted	100.9	15,531.0	.7
Retained & Planted Banks	0	2,183.6	0
2002 Data	44,734.8	2,081,182	
%Land Area	25%	37.8%	

Montgomery County

Forest Acreage Under Review



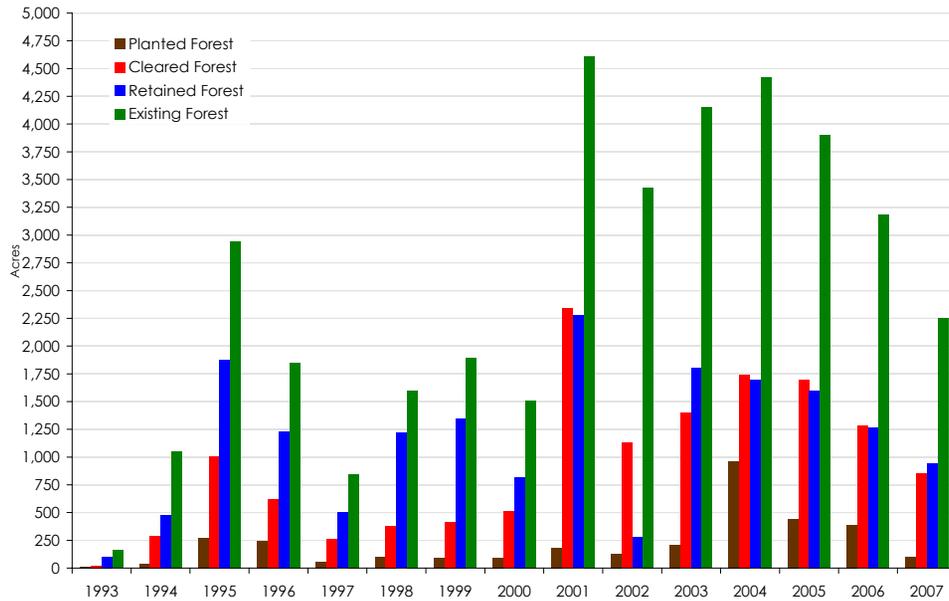
Impact of Forest Conservation



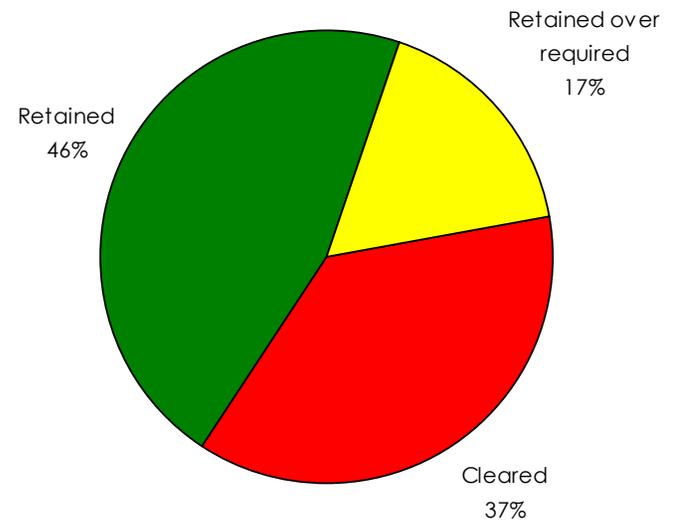
Forest	Montgomery	All Counties	%
Existing	10,767.9	153,007.9	7
Retained	7,800.7	94,599.6	8.3
Cleared	3,255.5	53,663.0	6.1
Planted	2,083.4	15,531.0	13
Retained & Planted Banks	155.9	2,183.6	7
2002 Data	91,929.5	2,081,182	
%Land Area	29%	37.8%	

Prince George's County

Forest Acreage Under Review

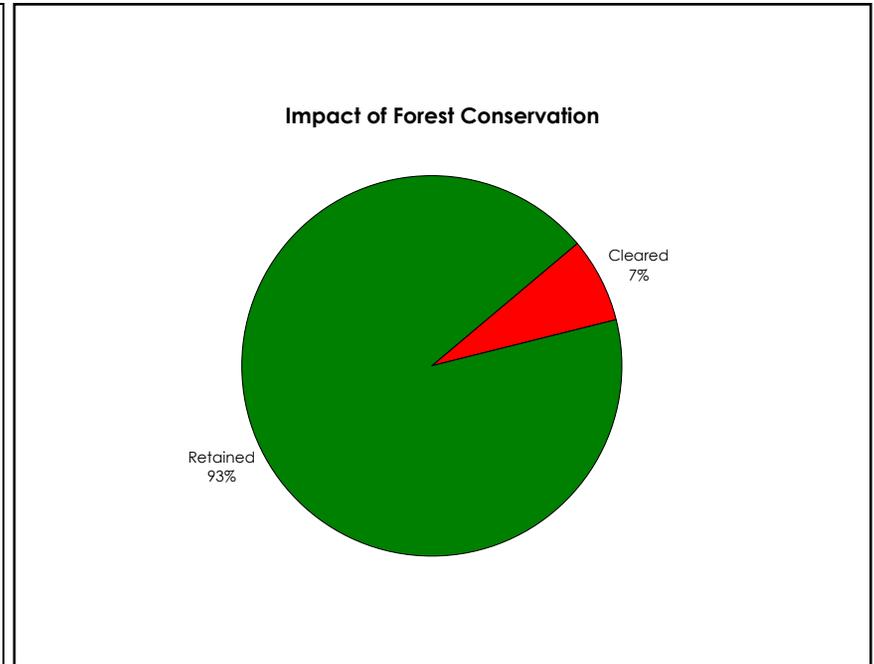
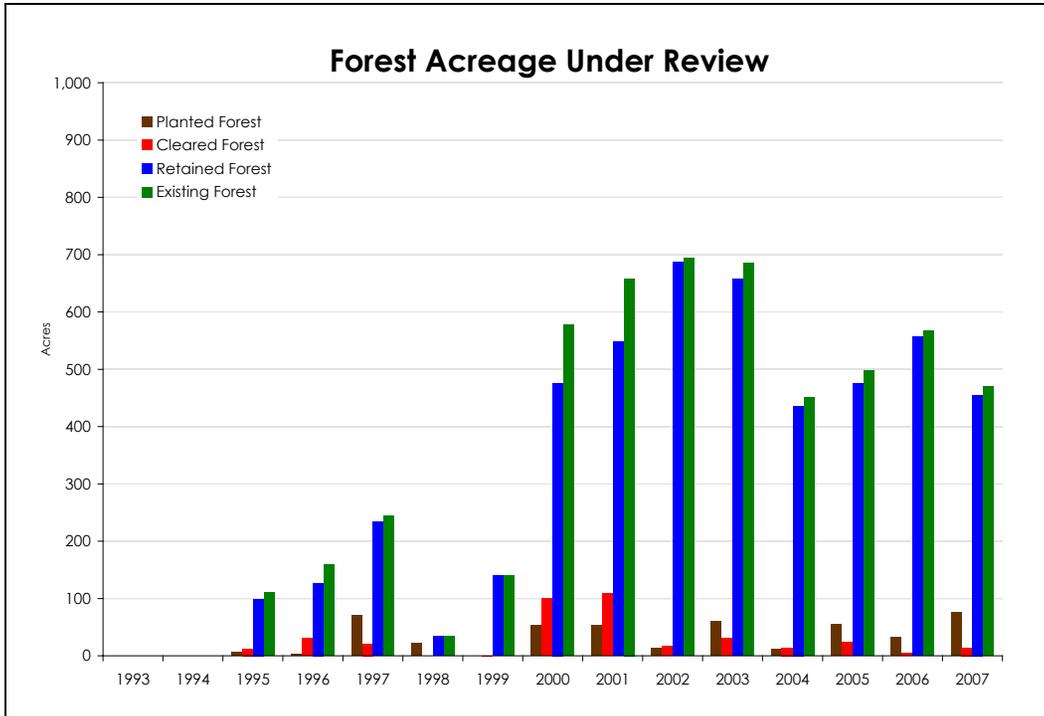


Impact of Forest Conservation



Forest	Prince George's	All Counties	%
Existing	37,802.8	153,007.9	24.7
Retained	17,436.2	94,599.6	18.4
Cleared	13,938.1	53,663.0	26
Planted	3,337.6	15,531.0	21.5
Retained & Planted Banks	260.4	2,183.6	12
2002 Data	131,391.1	2,081,182	
%Land Area	42%	37.8%	

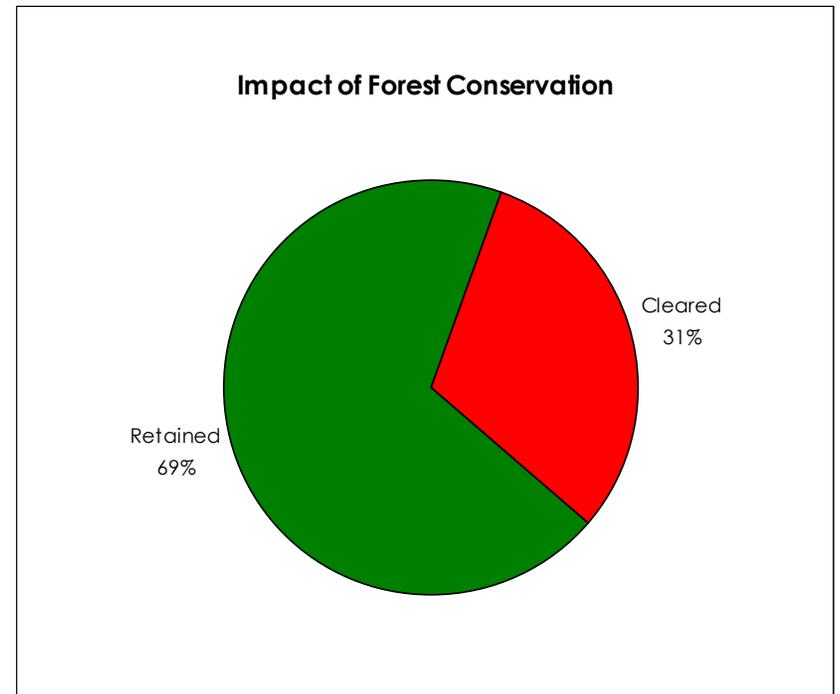
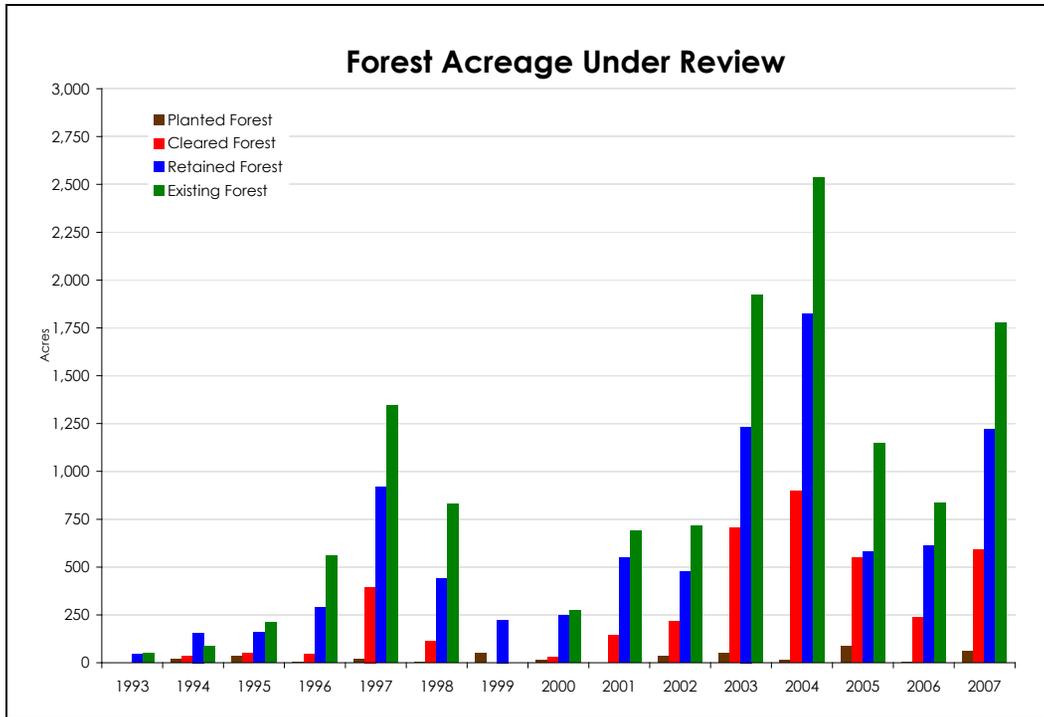
Queen Anne's County



FY93 & FY94 State review

Forest	Queen Anne's	All Counties	%
Existing	5,285.9	153,007.9	3.5
Retained	4,926.5	94,599.6	5.2
Cleared	379.1	53,663.0	.7
Planted	454.7	15,531.0	2.9
Retained & Planted Banks	0	2,183.6	0
2002 Data	63,068.1	2,081,182	
%Land Area	27%	37.8%	

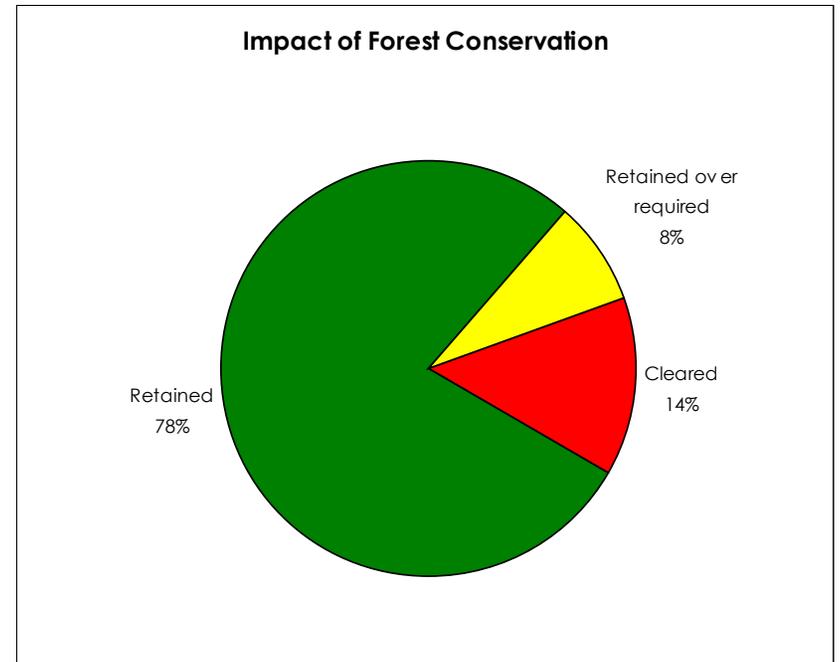
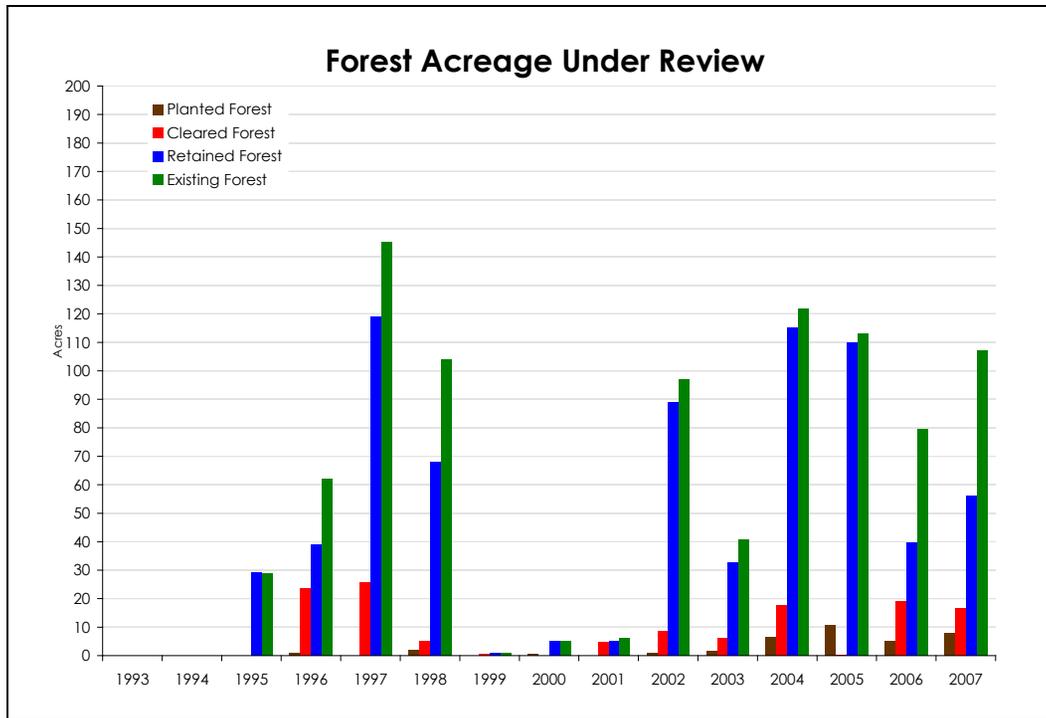
Saint Mary's County



FY93 incomplete report

Forest	St. Mary's	All Counties	%
Existing	12,976.7	153,007.9	8.5
Retained	8,966.1	94,599.6	9.5
Cleared	3,998.9	53,663.0	7.5
Planted	382.4	15,531.0	2.5
Retained & Planted Banks	0	2,183.6	0
2002 Data	118,501.81	2,081,182	
%Land Area	51%	37.8%	

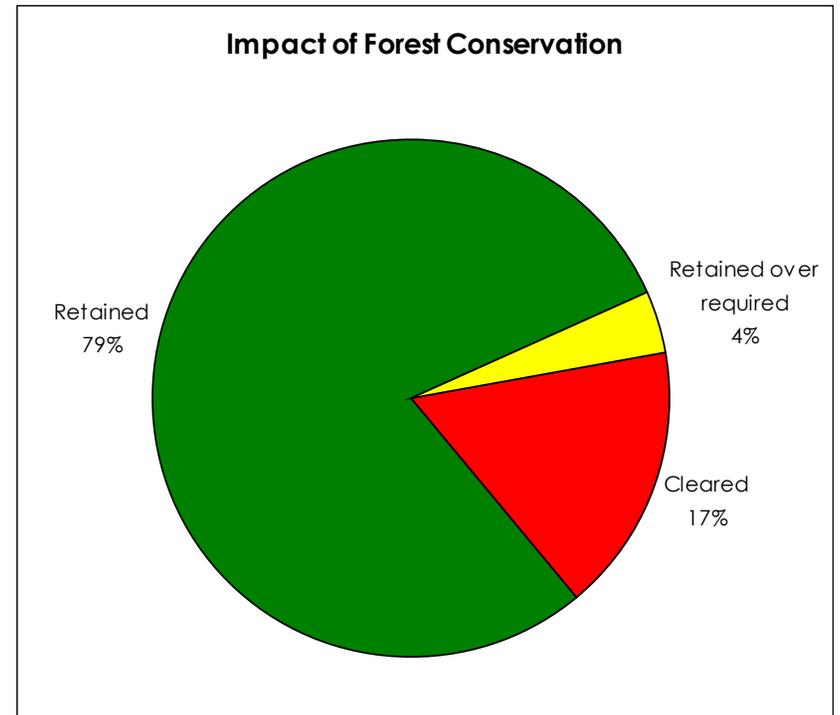
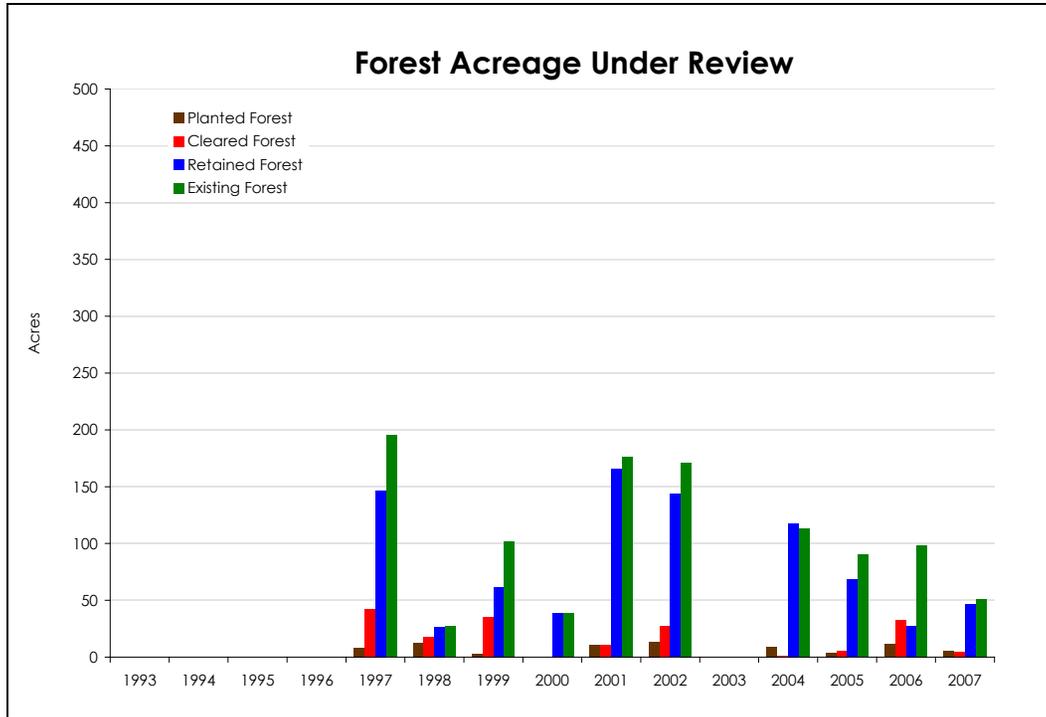
Somerset County



FY93 & FY94 State review

Forest	Somerset	All Counties	%
Existing	911.5	153,007.9	.6
Retained	708.3	94,599.6	.8
Cleared	127.3	53,663.0	.2
Planted	35.9	15,531.0	.2
Retained & Planted Banks	0	2,183.6	0
2002 Data	82,518.3	2,081,182	
%Land Area	40%	37.8%	

Talbot County

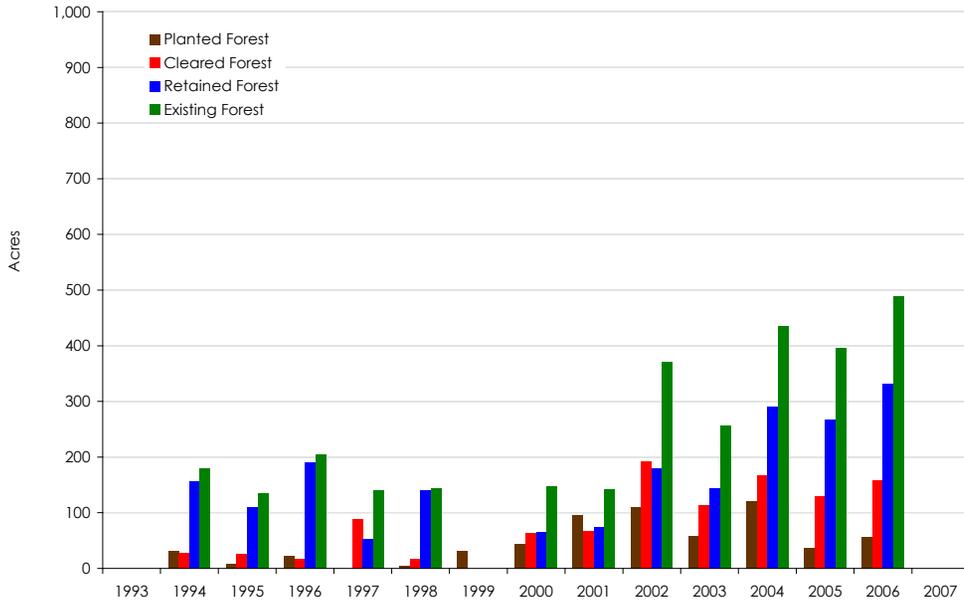


FY93 - FY96 State Review; FY03 no report

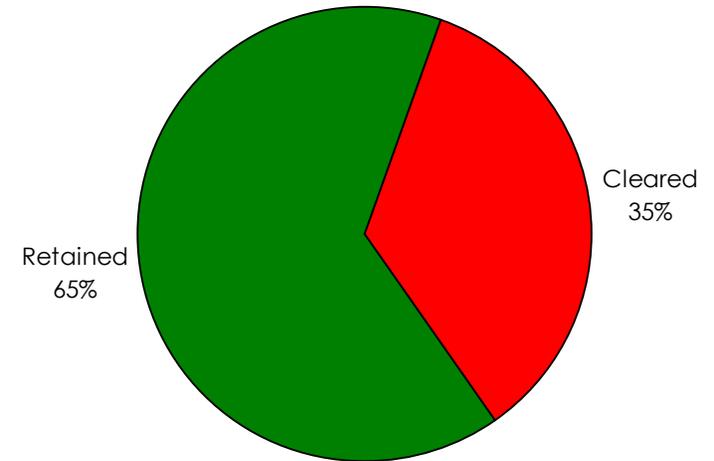
Forest	Talbot	All Counties	%
Existing	1,064.6	153,007.9	.7
Retained	843.1	94,599.6	.9
Cleared	177.4	53,663.0	.3
Planted	76.5	15,531.0	.5
Retained & Planted Banks	0	2,183.6	0
2002 Data	41,443.9	2,081,182	
%Land Area	24%	37.8%	

Washington County

Forest Acreage Under Review



Impact of Forest Conservation

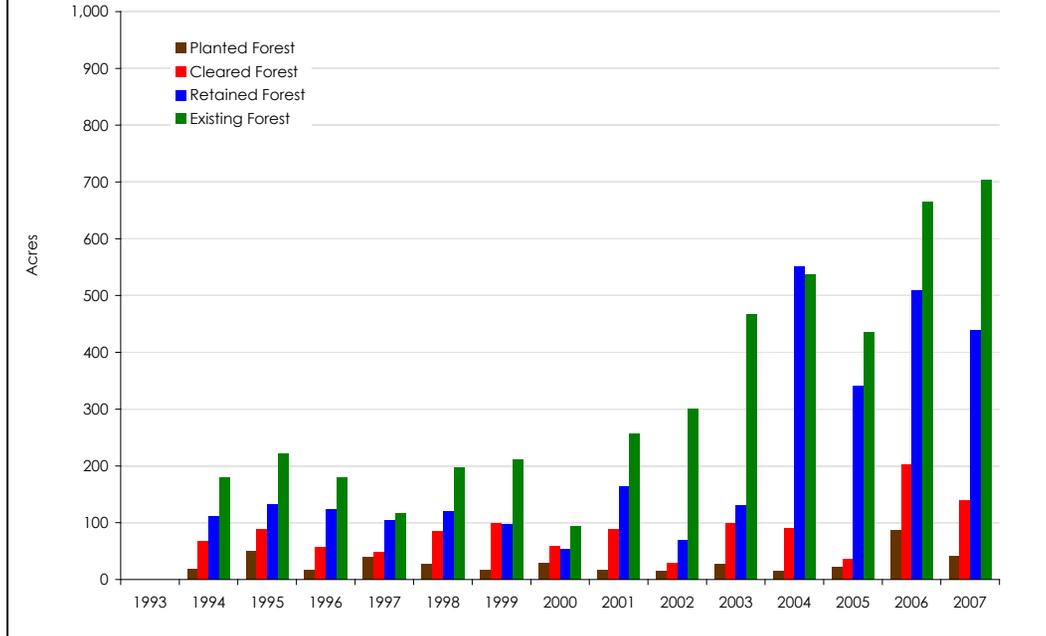


FY93 & FY07 no report; FY99 incomplete report

Forest	Washington	All Counties	%
Existing	3,042.3	153,007.9	2
Retained	1,999.6	94,599.6	2
Cleared	1,062.1	53,663.0	2
Planted	617.4	15,531.0	4
Retained & Planted Banks	0	2,183.6	0
2002 Data	116,953.7	2,081,182	
%Land Area	40%	37.8%	

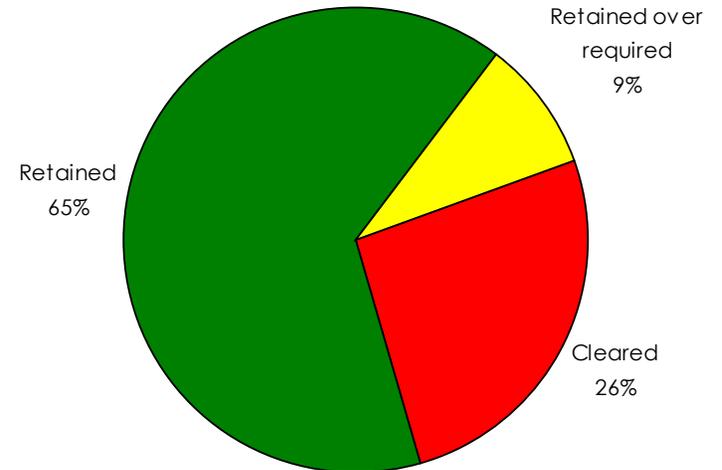
Wicomico County

Forest Acreage Under Review



FY93 State review

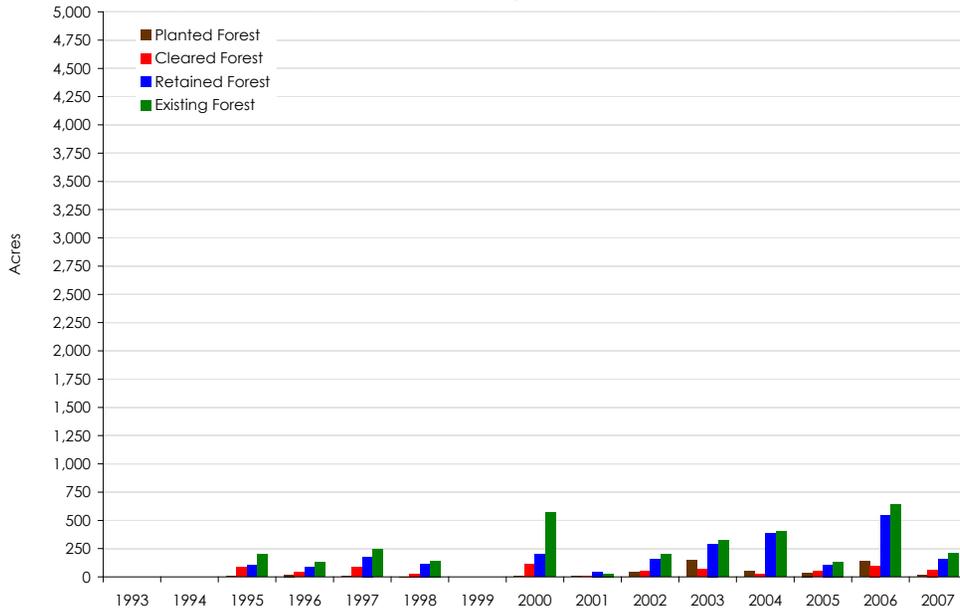
Impact of Forest Conservation



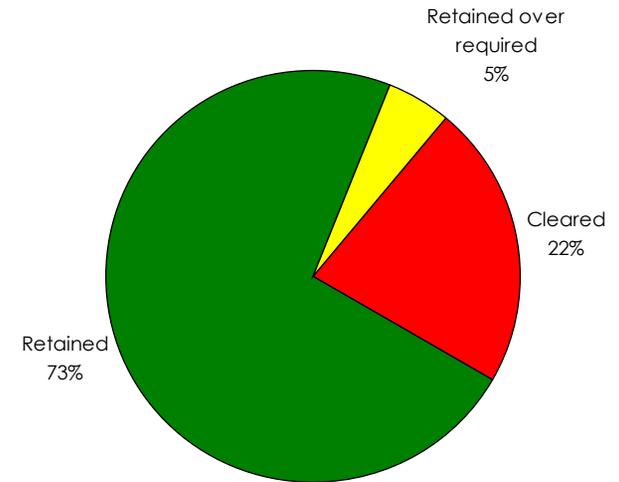
Forest	Wicomico	All Counties	%
Existing	4,565.7	153,007.9	3
Retained	2,944.9	94,599.6	3.1
Cleared	1,186.6	53,663.0	2.2
Planted	418.0	15,531.0	2.7
Retained & Planted Banks	585.7	2,183.6	2.7
2002 Data	106,236.3	2,081,182	
%Land Area	44%	37.8%	

Worcester County

Forest Acreage Under Review



Impact of Forest Conservation



FY93 & FY94 State review

Forest	Worcester	All Counties	%
Existing	3,227.5	153,007.9	2.1
Retained	2,356.4	94,599.6	2.5
Cleared	717.1	53,663.0	1.3
Planted	466.3	15,531.0	3
Retained & Planted Banks	610.3	2,183.6	28
2002 Data	159,987.7	2,081,182	
%Land Area	53%	37.8%	

MUNICIPALITIES SUMMARY

Fifteen year summary of forest acreage under review:

Anne Arundel:

Annapolis no report '93, '00, '01, & '07

Forest	Annapolis	All Municipalities
Existing	84.34	3,088.98
Retained	52.16	1,607.56
Cleared	56.68	1,559.44
Planted	46.08	1,212.79

Caroline:

Denton

Forest	Denton	All Municipalities
Existing	107.7	3,088.98
Retained	45.5	1,607.56
Cleared	63.5	1,559.44
Planted	20.2	1,212.79

Federalsburg no report '07

Forest	Federalsburg	All Municipalities
Existing	1.9	3,088.98
Retained	.1	1,607.56
Cleared	1.8	1,559.44
Planted	.2	1,212.79

Greensboro

Forest	Greensboro	All Municipalities
Existing	14.6	3,088.98
Retained	13.4	1,607.56
Cleared	1.2	1,559.44
Planted	12.9	1,212.79

Cecil:

Charlestown

Forest	Charlestown	All Municipalities
Existing	10.7	3,088.98
Retained	1.4	1,607.56
Cleared	9.3	1,559.44
Planted	0	1,212.79

Elkton

Forest	Elkton	All Municipalities
Existing	333.6	3,088.98
Retained	168.5	1,607.56
Cleared	174.7	1,559.44
Planted	23.7	1,212.79

North East only reported in 2001,
delegated authority to county in 2002.

Forest	North East	All Municipalities
Existing	67.4	3,088.98
Retained	13.9	1,607.56
Cleared	38.0	1,559.44
Planted	2.4	1,212.79

Perryville delegated authority to county in
2002

Forest	Perryville	All Municipalities
Existing	46.4	3,088.98
Retained	28.6	1,607.56
Cleared	22.3	1,559.44
Planted	14.7	1,212.79

Dorchester

Cambridge no report '93 - '96 & '05 - '07

Forest	Cambridge	All Municipalities
Existing	79.46	3,088.98
Retained	34.8	1,607.56
Cleared	10.4	1,559.44
Planted	No report	1,212.79

East New Market no report '07

Forest	E. New Market	All Municipalities
Existing	.6	3,088.98
Retained	.6	1,607.56
Cleared	0	1,559.44
Planted	3.1	1,212.79

Frederick

Frederick no report '04, '06, & '07

Forest	Frederick	All Municipalities
Existing	300.42	3,088.98
Retained	124.57	1,607.56
Cleared	119.52	1,559.44
Planted	407.35	1,212.79

Middletown '93 - '02 assigned to county

Forest	Middletown	All Municipalities
Existing	7.6	3,088.98
Retained	1.9	1,607.56
Cleared	1.5	1,559.44
Planted	4.6	1,212.79

Harford

Aberdeen

Forest	Aberdeen	All Municipalities
Existing	164	3,088.98
Retained	71.3	1,607.56
Cleared	82.7	1,559.44
Planted	30.5	1,212.79

Bel Air

Forest	Bel Air	All Municipalities
Existing	137.2	3,088.98
Retained	75.6	1,607.56
Cleared	46.5	1,559.44
Planted	6.5	1,212.79

Havre de Grace

Forest	Havre de Grace	All Municipalities
Existing	216.7	3,088.98
Retained	106.8	1,607.56
Cleared	109.1	1,559.44
Planted	24.3	1,212.79

Montgomery

Gaithersburg no report '96 - '97 & '07

Forest	Gaithersburg	All Municipalities
Existing	334.3	3,088.98
Retained	201.3	1,607.56
Cleared	231.3	1,559.44
Planted	137.9	1,212.79

Laytonsville '93 - '02 State Reviewed

Forest	Laytonsville	All Municipalities
Existing	.4	3,088.98
Retained	.3	1,607.56
Cleared	.1	1,559.44
Planted	.1	1,212.79

Poolesville no report '99, '00 & '04

Forest	Poolesville	All Municipalities
Existing	130.6	3,088.98
Retained	63	1,607.56
Cleared	70	1,559.44
Planted	10	1,212.79

Rockville no report '07

Forest	Rockville	All Municipalities
Existing	336.5	3,088.98
Retained	223.4	1,607.56
Cleared	121.1	1,559.44
Planted	183.1	1,212.79

Prince George's

Laurel no report '99 - '01 & '04

Forest	Laurel	All Municipalities
Existing	213.3	3,088.98
Retained	83.4	1,607.56
Cleared	112	1,559.44
Planted	105.9	1,212.79

Queen Anne's

Centreville only reported '97 - '99 & '03

Forest	Centreville	All Municipalities
Existing	51.4	3,088.98
Retained	28.3	1,607.56
Cleared	0	1,559.44
Planted	0	1,212.79

St. Mary's

Leonardtwn no report '07

Forest	Leonardtwn	All Municipalities
Existing	3.7	3,088.98
Retained	4.5	1,607.56
Cleared	1.8	1,559.44
Planted	.4	1,212.79

Somerset

Princess Anne no report '07

Forest	Princess Anne	All Municipalities
Existing	4.9	3,088.98
Retained	3.0	1,607.56
Cleared	5.9	1,559.44
Planted	5.0	1,212.79

Talbot

Easton no report '98, '00, '02 & '03

Forest	Talbot	All Municipalities
Existing	173.38	3,088.98
Retained	230.58	1,607.56
Cleared	90.3	1,559.44
Planted	52.2	1,212.79

Washington

Hagerstown Adopted '01, only reported '01 - '06, no report '07

Forest	Hagerstown	All Municipalities
Existing	267.88	3,088.98
Retained	30.65	1,607.56
Cleared	189.74	1,559.44
Planted	121.84	1,212.79

The following municipalities have either submitted a report of no Forest Conservation reviews or did not submit a report:

Allegany – Exempt

Anne Arundel -

Highland Beach – Exempt

Calvert -

Chesapeake Beach - Adopted

North Beach - Exempt

Caroline -

Goldsboro - State program review

Henderson - Not exercising planning & zoning

Hillsboro - Not exercising planning & zoning

Marydel - Not exercising planning & zoning

Preston - Adopted

Ridgely - State Program review

Carroll -

Hampstead - Assigned

Manchester - Assigned

Mount Airy - Assigned

New Windsor - Assigned

Sykesville - Assigned

Taneytown - Assigned

Union Bridge -Assigned

Westminster - Assigned

Cecil -

Cecilton - Assigned

Chesapeake City - Adopted

Port Deposit - assigned

Rising Sun -Adopted

Charles -

Indian Head - Adopted

La Plata - Adopted

Port Tobacco – Exempt

Dorchester -

Brookview - Not exercising planning & zoning

Church Creek - Not exercising planning & zoning

East New Market - Assigned

Eldorado - Not exercising planning & zoning

Galestown - Not exercising planning & zoning

Hurlock - State Program review

Secretary - State Program review

Vienna - Assigned

Frederick -

Brunswick - Assigned

Burkittsville - Assigned

Emmitsburg - Adopted

New Market - Adopted

Middletown -Assigned

Mount Airy - Assigned

Myersville -Assigned

Rosemont - Assigned

Thurmont - Assigned

Walkersville - Assigned

Woodsboro - Assigned

Garrett – Exempt

Howard - No Municipalities

Kent-

Betterton - Assigned

Chestertown - Adopted

Galena - Assigned

Millington - Assigned

Rock Hall – Assigned

Montgomery-

Barnesville -Adopted

Brookeville - Adopted

Washington Grove – Adopted

Queen Anne's -

Barclay - Not exercising planning & zoning

Church Hill - Adopted

Queen Anne - State Program review

Queenstown - Adopted

Sudlersville - State Program review

Templeville - Not exercising planning & zoning

Somerset -

Crisfield -Assigned

Princess Anne - Assigned

Talbot -

St. Michael's - State Program review

Trappe - State Program review

Oxford - Adopted

Washington -

Boonesboro - Assigned

Clear Spring - Assigned

Funkstown - Assigned

Hancock - Assigned

Keedysville - Assigned

Sharpsburg - Assigned

Smithsburg - Assigned

Williamsport - Assigned

Wicomico -

Delmar - Assigned

Fruitland - Assigned

Hebron - Assigned

Mardela Springs - Assigned

Pittsville - Assigned

Salisbury - Assigned

Sharptown - Assigned

Willards –Assigned

Worcester -

Berlin -Assigned

Ocean City - CA/FCA program

Pocomoke City –Assigned

Snow Hill - Assigned

Martin O'Malley, Governor
Anthony G. Brown, Lt. Governor
John R. Griffin, Secretary

Steven W. Koehn, Director, Forest Service

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