APPENDIX C. TABLES RELATED TO BOTH NATIONAL FORESTS

Table 1. Timber Sold Within Plan Management Prescriptions

(Acres Sold by Forest by Year)

2004 Jefferson Code	2004 Jefferson NF Description	1993 George Washington Code	1993 George Washington NF Description	2004		2005		2006		2007	
				GW	JEFF	GW	JEFF	GW	JEFF	GW	JEFF
4D, 9F	Botanical - Zoological Area	04A	Special Interest Area - Biologic		17						
4E	Cultural - Heritage Area	04B	Special Interest Area - Historic								
4C1	Geologic Area	04C	Special Interest Area - Geologic								
N/A	N/A	04D	Existing Research Natural Area								
N/A	N/A	04E	Cow Knob Sal. Conservation Area								
8E4a	Indiana Bat Primary Protection Area	N/A	Not Applicable								
8E4b	Indiana Bat Secondy Protection Area	N/A	Not Applicable		1						
4A	Appalachian National Scenic Trail Corridor	6	Appalachian Trail								
7B	Scenic Corridors and Viewsheds	05B, 07A, 07B, 07C	Scenic Corridors				15				
7A, 7F	Scenic Byway Area, Blue Ridge Parkway	07D, 07E, 07F (7X)	Highland Scenic Tour								
1A	Designated Wilderness	8A	Designated Wilderness								
1B	Wilderness Study Area	08B	Wilderness Study Area								
12	Remote Backcountry	09	Remote Highlands								
2C	Eligible Recreational River Corridors	10	Eligible Scenic and Recreational Rivers		25						
7C	ATV Use Areas	11	ATV Use Area					68			
7D	Concentrated Recreation Areas	N/A	N/A								
7E1, 7E2	Dispersed Recreation Areas	13	Dispersed Recreation Areas	138		0	65		176		
8C	Remote Habitats for Wildlife	14	Remote Habitat for Wildlife	113		0	51		14		245
8A1	Mix of Successional Habitats	15	Mosaics of Wildlife Habitat	597		448		480	188	356	
8B, 8E1	Early Successional Habitats	16	Early Successional Forested Habitats for Wildlife	60	301	234	66	153	138	96	
10B	Timber Production Areas	17	Timber Production Areas	384		123		406		157	136
5C	Utility Corridor	20	Utility Corridor								
N/A	Not Applicable	21A	Big Schloss Special Management Area								
N/A	Not Applicable	21B	Laurel Fork Special Management Area								
N/A	Not Applicable	21C	Mt. Pleasant Special Mgmt Area								
N/A	Not Applicable	21D	Little River Special Management Area								
N/A	Not Applicable	22	Small Game & Watchable Wildlife								
4F	Scenic Area on Clinch	N/A	Not Applicable								
4J	Urban/Suburban Interface	N/A	Not Applicable								
4K1	North Creek Special Area	N/A	Not Applicable								
4K2	Hoop Hole Special Area	N/A	Not Applicable								
4K3	Mount Rogers Crest Zone Special Area	N/A	Not Applicable								
4K4	Whitetop Mountain Special Area	N/A	Not Applicable		3						
4K5	Whitetop Laurel Creek Special Area	N/A	Not Applicable								
4K6	North Fork of Pound Special Area	N/A	Not Applicable								
6	Old Growth Forest Communities	N/A	Not Applicable								
7G, 8E6	Pastoral Landscapes	N/A	Not Applicable								
8E2	Peaks of Otter Sal. Conservation Area	N/A	Not Applicable								
9A1	Source Water Protection Area	N/A	Not Applicable				370		227		
9A2	Reference Watersheds	N/A	Not Applicable								
9A3	Watershed Restoration Area	N/A	Not Applicable								
9A4	Aquatic Habitat Areas	N/A	Not Applicable								
9G1, 9H	Restoration Communities	N/A	Not Applicable								
Various*		Various*	Not Applicable	0	146	0	110	0	14	0	0
			Totals	1,292	493	805	677	1,107	757	609	381

* Acres associated with settlement sales (e.g. powerlines, gas wells, state highway projects, etc.) that cross myriad communities and are not tracked by Management Area or Prescription.

Table 2. Timber Harvested Within Plan Management Prescriptions

(Acres Harvested by Forest by Year)

2004 Jefferson Code	2004 Jefferson NF Description	1993 George Washington Code	1993 George Washington NF Description	2004		2005		2006		2007	
				GW	JEFF	GW	JEFF	GW	JEFF	GW	JEFF
4D, 9F	Botanical - Zoological Area	04A	Special Interest Area - Biologic						17		
4E	Cultural - Heritage Area	04B	Special Interest Area - Historic								
4C1	Geologic Area	04C	Special Interest Area - Geologic								
N/A	N/A	04D	Existing Research Natural Area								
N/A	N/A	04E	Cow Knob Sal. Conservation Area								
8E4a	Indiana Bat Primary Protection Area	N/A	Not Applicable								
8E4b	Indiana Bat Secondy Protection Area	N/A	Not Applicable						1		
4A	Appalachian National Scenic Trail Corridor	6	Appalachian Trail								
7B	Scenic Corridors and Viewsheds	05B, 07A, 07B, 07C	Scenic Corridors	10							17
7A, 7F	Scenic Byway Area, Blue Ridge Parkway	07D, 07E, 07F (7X)	Highland Scenic Tour								
1A	Designated Wilderness	8A	Designated Wilderness								
1B	Wilderness Study Area	08B	Wilderness Study Area								
12	Remote Backcountry	09	Remote Highlands								
2C	Eligible Recreational River Corridors	10	Eligible Scenic and Recreational Rivers				25				
7C	ATV Use Areas	11	ATV Use Area							66	
7D	Concentrated Recreation Areas	N/A	N/A								
7E1, 7E2	Dispersed Recreation Areas	13	Dispersed Recreation Areas							97	
8C	Remote Habitats for Wildlife	14	Remote Habitat for Wildlife			22		70			
8A1	Mix of Successional Habitats	15	Mosaics of Wildlife Habitat	628	185	678	68	421	76	397	50
8B, 8E1	Early Successional Habitats	16	Early Successional Forested Habitats for Wildlife	55	53	174	314	40	40	50	153
10B	Timber Production Areas	17	Timber Production Areas	87		202		293		122	
N/A	Not Applicable	21A	Big Schloss Special Management Area								
N/A	Not Applicable	21B	Laurel Fork Special Management Area								
N/A	Not Applicable	21C	Mt. Pleasant Special Mgmt Area								
N/A	Not Applicable	21D	Little River Special Management Area								
N/A	Not Applicable	22	Small Game & Watchable Wildlife								
4F	Scenic Area on Clinch	N/A	Not Applicable								
4J	Urban/Suburban Interface	N/A	Not Applicable								
4K1	North Creek Special Area	N/A	Not Applicable								
4K2	Hoop Hole Special Area	N/A	Not Applicable								
4K3	Mount Rogers Crest Zone Special Area	N/A	Not Applicable								
4K4	Whitetop Mountain Special Area	N/A	Not Applicable								
4K5	Whitetop Laurel Creek Special Area	N/A	Not Applicable								
4K6	North Fork of Pound Special Area	N/A	Not Applicable								
6	Old Growth Forest Communities	N/A	Not Applicable								
7G, 8E6	Pastoral Landscapes	N/A	Not Applicable								
8E2	Peaks of Otter Sal. Conservation Area	N/A	Not Applicable						24		33
9A1	Source Water Protection Area	N/A	Not Applicable								227
9A2	Reference Watersheds	N/A	Not Applicable								
9A3	Watershed Restoration Area	N/A	Not Applicable								
9A4	Aquatic Habitat Areas	N/A	Not Applicable								
9G1, 9H	Restoration Communities	N/A	Not Applicable								
Various*		Various*			6	100			234		
			Totals	780	244	1,176	407	824	392	732	480

* Acres associated with settlement sales (e.g. powerlines, gas wells, state highway projects, etc.) that cross myriad communities and are not tracked by Management Area or Prescription.

Table 3. Timber Volume Offered, Sold, and Harvested By Forest By Year

(Million Board Feet = MMBF)

Forest	Fiscal Year	Volume Offered (MMBF)	Volume Sold (MMBF)	Volume Harvested (MMBF)
George Washington NF	2004	14.7	12.4	17.4
	2005	11.2	10.4	15.6
	2006	12.8	11.6	11.7
	2007	12.2	8.2	10.8
Jefferson NF	2004	8.2	6.1	4.1
	2005	6.5	6.5	5.8
	2006	13.3	12.0	4.0
	2007	10.5	7.3	9.0
Totals For Both Forests	2004	22.9	18.5	21.5
	2005	17.7	16.9	21.4
	2006	26.1	23.6	15.7
	2007	22.7	15.5	19.8

Table 4. ANNUAL SOLD ACRES BY METHOD OF CUT BY FOREST

(Acres Sold)

Forest	Fiscal Year	Clearcut	Shelterwood	Selection	Thinning	Salvage	Other	Total
George Washington NF	2004	0	746	27	378	130	11	1,292
	2005	134	312	0	232	119	8	805
	2006	89	346	7	660	0	5	1,107
	2007	0	580	0	24	0	5	609
Jefferson NF	2004	0	86	0	200	61	146	493
	2005	0	93	2	469	0	113	677
	2006	0	314	93	333	0	17	757
	2007	0	136	0	0	245	0	381
Totals For Both Forests	2004	0	832	27	578	191	157	1785
	2005	134	405	2	701	119	121	1482
	2006	89	660	100	993	0	22	1864
	2007	0	716	0	24	245	5	990

Table 5. 2004 ANNUAL SOLD ACRES by COMMUNITY TYPE ON THE JEFFERSON NF

(Acres Sold)

Community Type	Forest Types within Community Type	Clearcut	Shelterwood	Selection	Thinning	Salvage	Other	Total
Northern Hardwood Forest	Sugar maple-Beech-Yellow birch (CISC 81)	0	0	0	0	0	0	0
Montane Spruce-Fir Forest	Fraser fir (CISC 6), Red spruce-Fraser fir (CISC 7), Red spruce-Northern hardwood (CISC 17)	0	0	0	0	3	0	3
Mixed Mesophytic Forest	Cove hardwood-White pine-Hemlock (CISC 41), Yellow poplar (CISC 50), Yellow poplar-White oak-Red oak (CISC 56), Black walnut (CISC 82)	0	24	0	34	0	0	58
Conifer-Northern Hardwood Forest	White pine (CISC 3), White pine-Hemlock (CISC 4), Hemlock (CISC 5), Hemlock-Hardwood (CISC 8), White pine-Cove hardwood (CISC 9), White pine-Upland hardwoods (CISC 10)	0	34	0	0	0	0	34
Dry-Mesic Oak Forest	Post oak-Black oak (CISC 51), White oak-Red oak-Hickory (CISC 53), White oak (CISC 54), Northern red oak-Hickory (CISC 55)	0	28	0	166	58	0	252
Dry and Dry-Mesic Oak-Pine Forest	Upland hardwoods-Yellow pine (CISC 42), Oaks-Eastern red cedar (CISC 43), Southern red oak-Yellow pine (CISC 44), Chestnut oak-Scarlet oak-Yellow pine (CISC 45), Bottomland hardwoods-Yellow pine (CISC 46), White oak-Black oak-Yellow pine (CISC 47), Northern red oak-Hickory-Yellow pine (CISC 48).	0	0	0	0	0	0	0
Dry and Xeric Oak Forest, Woodland, and Savanna	Chestnut oak (CISC 52), Scrub oaks (CISC 57), Scarlet oak (CISC 59), Chestnut oak-Scarlet oak (CISC 60)	0	0	0	0	0	0	0
Xeric Pine and Pine-Oak Forest and Woodland	Eastern red cedar-Hardwoods (CISC 11), Shortleaf pine-oaks (CISC 12), Pitch pine-oaks (CISC 15), Virginia pine-oaks (CISC 16), Table Mountain pine-Hardwoods (CISC 20), Longleaf pine (CISC 21), Virginia pine (CISC 33), Pitch pine (CISC 38), Table Mountain pine (CISC 39), Eastern red cedar (CISC 35), Black locust (CISC 88).	0	0	0	0	0	0	0
Eastern Riverfront and River Floodplain Hardwood Forests	Sweet gum-Yellow poplar (CISC 58), River birch-Sycamore (CISC 72), Cottonwood (CISC 73), Sugarberry-American elm-Green ash (CISC 63), Beech-Magnolia (CISC 69), Willow (CISC 74), Sycamore-Pecan-American elm (CISC 75)	0	0	0	0	0	0	0
Various*		0	0	0	0	0	146	146

* Acres associated with settlement sales (e.g. powerlines, gas wells, state highway projects, etc.) that cross myriad communities and are not tracked by forest community.

Table 6. 2005 ANNUAL SOLD ACRES by COMMUNITY TYPE ON THE JEFFERSON NF

(Acres Sold)

Community Type	Forest Types within Community Type	Clearcut	Shelterwood	Selection	Thinning	Salvage	Other	Total
Northern Hardwood Forest	Sugar maple-Beech-Yellow birch (CISC 81)	0	0	0	0	0	0	0
Montane Spruce-Fir Forest	Fraser fir (CISC 6), Red spruce-Fraser fir (CISC 7), Red spruce-Northern hardwood (CISC 17)	0	0	0	0	0	0	0
Mixed Mesophytic Forest	Cove hardwood-White pine-Hemlock (CISC 41), Yellow poplar (CISC 50), Yellow poplar-White oak-Red oak (CISC 56), Black walnut (CISC 82)	0	0	0	21	0	0	21
Conifer-Northern Hardwood Forest	White pine (CISC 3), White pine-Hemlock (CISC 4), Hemlock (CISC 5), Hemlock-Hardwood (CISC 8), White pine-Cove hardwood (CISC 9), White pine-Upland hardwoods (CISC 10)	0	0	0	0	0	0	0
Dry-Mesic Oak Forest	Post oak-Black oak (CISC 51), White oak-Red oak-Hickory (CISC 53), White oak (CISC 54), Northern red oak-Hickory (CISC 55)	0	93	2	448	0	3	546
Dry and Dry-Mesic Oak-Pine Forest	Upland hardwoods-Yellow pine (CISC 42), Oaks-Eastern red cedar (CISC 43), Southern red oak-Yellow pine (CISC 44), Chestnut oak-Scarlet oak-Yellow pine (CISC 45), Bottomland hardwoods-Yellow pine (CISC 46), White oak-Black oak-Yellow pine (CISC 47), Northern red oak-Hickory-Yellow pine (CISC 48).	0	0	0	0	0	0	0
Dry and Xeric Oak Forest, Woodland, and Savanna	Chestnut oak (CISC 52), Scrub oaks (CISC 57), Scarlet oak (CISC 59), Chestnut oak-Scarlet oak (CISC 60)	0	0	0	0	0	0	0
Xeric Pine and Pine-Oak Forest and Woodland	Eastern red cedar-Hardwoods (CISC 11), Shortleaf pine-oaks (CISC 12), Pitch pine-oaks (CISC 15), Virginia pine-oaks (CISC 16), Table Mountain pine-Hardwoods (CISC 20), Longleaf pine (CISC 21), Virginia pine (CISC 33), Pitch pine (CISC 38), Table Mountain pine (CISC 39), Eastern red cedar (CISC 35), Black locust (CISC 88).	0	0	0	0	0	0	0
Eastern Riverfront and River Floodplain Hardwood Forests	Sweet gum-Yellow poplar (CISC 58), River birch-Sycamore (CISC 72), Cottonwood (CISC 73), Sugarberry-American elm-Green ash (CISC 63), Beech-Magnolia (CISC 69), Willow (CISC 74), Sycamore-Pecan-American elm (CISC 75)	0	0	0	0	0	0	0
Various*		0	0	0	0	0	110	110

* Acres associated with settlement sales (e.g. powerlines, gas wells, state highway projects, etc.) that cross myriad communities and are not tracked by forest community.

Table 7. 2006 ANNUAL SOLD ACRES by COMMUNITY TYPE ON THE JEFFERSON NF

(Acres Sold)

Community Type	Forest Types within Community Type	Clearcut	Shelterwood	Selection	Thinning	Salvage	Other	Total
Northern Hardwood Forest	Sugar maple-Beech-Yellow birch (CISC 81)	0	0	0	0	0	0	0
Montane Spruce-Fir Forest	Fraser fir (CISC 6), Red spruce-Fraser fir (CISC 7), Red spruce-Northern hardwood (CISC 17)	0	0	0	0	0	0	0
Mixed Mesophytic Forest	Cove hardwood-White pine-Hemlock (CISC 41), Yellow poplar (CISC 50), Yellow poplar-White oak-Red oak (CISC 56), Black walnut (CISC 82)	0	75	56	45	0	0	176
Conifer-Northern Hardwood Forest	White pine (CISC 3), White pine-Hemlock (CISC 4), Hemlock (CISC 5), Hemlock-Hardwood (CISC 8), White pine-Cove hardwood (CISC 9), White pine-Upland hardwoods (CISC 10)	0	0	0	0	0	0	0
Dry-Mesic Oak Forest	Post oak-Black oak (CISC 51), White oak-Red oak-Hickory (CISC 53), White oak (CISC 54), Northern red oak-Hickory (CISC 55)	0	196	37	288	0	0	521
Dry and Dry-Mesic Oak-Pine Forest	Upland hardwoods-Yellow pine (CISC 42), Oaks-Eastern red cedar (CISC 43), Southern red oak-Yellow pine (CISC 44), Chestnut oak-Scarlet oak-Yellow pine (CISC 45), Bottomland hardwoods-Yellow pine (CISC 46), White oak-Black oak-Yellow pine (CISC 47), Northern red oak-Hickory-Yellow pine (CISC 48).	0	0	0	0	0	3	3
Dry and Xeric Oak Forest, Woodland, and Savanna	Chestnut oak (CISC 52), Scrub oaks (CISC 57), Scarlet oak (CISC 59), Chestnut oak-Scarlet oak (CISC 60)	0	43	0	0	0	0	43
Xeric Pine and Pine-Oak Forest and Woodland	Eastern red cedar-Hardwoods (CISC 11), Shortleaf pine-oaks (CISC 12), Pitch pine-oaks (CISC 15), Virginia pine-oaks (CISC 16), Table Mountain pine-Hardwoods (CISC 20), Longleaf pine (CISC 21), Virginia pine (CISC 33), Pitch pine (CISC 38), Table Mountain pine (CISC 39), Eastern red cedar (CISC 35), Black locust (CISC 88).	0	0	0	0	0	0	0
Eastern Riverfront and River Floodplain Hardwood Forests	Sweet gum-Yellow poplar (CISC 58), River birch-Sycamore (CISC 72), Cottonwood (CISC 73), Sugarberry-American elm-Green ash (CISC 63), Beech-Magnolia (CISC 69), Willow (CISC 74), Sycamore-Pecan-American elm (CISC 75)	0	0	0	0	0	0	0
Various*		0	0	0	0	0	14	14

* Acres associated with settlement sales (e.g. powerlines, gas wells, state highway projects, etc.) that cross myriad communities and are not tracked by forest community.

Table 8. 2007 ANNUAL SOLD ACRES by COMMUNITY TYPE ON THE JEFFERSON NF

(Acres Sold)

Community Type	Forest Types within Community Type	Clearcut	Shelterwood	Selection	Thinning	Salvage	Other	Total
Northern Hardwood Forest	Sugar maple-Beech-Yellow birch (CISC 81)	0	0	0	0	0	0	0
Montane Spruce-Fir Forest	Fraser fir (CISC 6), Red spruce-Fraser fir (CISC 7), Red spruce-Northern hardwood (CISC 17)	0	0	0	0	0	0	0
Mixed Mesophytic Forest	Cove hardwood-White pine-Hemlock (CISC 41), Yellow poplar (CISC 50), Yellow poplar-White oak-Red oak (CISC 56), Black walnut (CISC 82)	0	126	0	0	45	0	171
Conifer-Northern Hardwood Forest	White pine (CISC 3), White pine-Hemlock (CISC 4), Hemlock (CISC 5), Hemlock-Hardwood (CISC 8), White pine-Cove hardwood (CISC 9), White pine-Upland hardwoods (CISC 10)	0	0	0	0	0	0	0
Dry-Mesic Oak Forest	Post oak-Black oak (CISC 51), White oak-Red oak-Hickory (CISC 53), White oak (CISC 54), Northern red oak-Hickory (CISC 55)	0	10	0	0	200	0	210
Dry and Dry-Mesic Oak-Pine Forest	Upland hardwoods-Yellow pine (CISC 42), Oaks-Eastern red cedar (CISC 43), Southern red oak-Yellow pine (CISC 44), Chestnut oak-Scarlet oak-Yellow pine (CISC 45), Bottomland hardwoods-Yellow pine (CISC 46), White oak-Black oak-Yellow pine (CISC 47), Northern red oak-Hickory-Yellow pine (CISC 48).	0	0	0	0	0	0	0
Dry and Xeric Oak Forest, Woodland, and Savanna	Chestnut oak (CISC 52), Scrub oaks (CISC 57), Scarlet oak (CISC 59), Chestnut oak-Scarlet oak (CISC 60)	0	0	0	0	0	0	0
Xeric Pine and Pine-Oak Forest and Woodland	Eastern red cedar-Hardwoods (CISC 11), Shortleaf pine-oaks (CISC 12), Pitch pine-oaks (CISC 15), Virginia pine-oaks (CISC 16), Table Mountain pine-Hardwoods (CISC 20), Longleaf pine (CISC 21), Virginia pine (CISC 33), Pitch pine (CISC 38), Table Mountain pine (CISC 39), Eastern red cedar (CISC 35), Black locust (CISC 88).	0	0	0	0	0	0	0
Eastern Riverfront and River Floodplain Hardwood Forests	Sweet gum-Yellow poplar (CISC 58), River birch-Sycamore (CISC 72), Cottonwood (CISC 73), Sugarberry-American elm-Green ash (CISC 63), Beech-Magnolia (CISC 69), Willow (CISC 74), Sycamore-Pecan-American elm (CISC 75)	0	0	0	0	0	0	0

Table 9. ANNUAL HARVEST ACRES BY METHOD OF CUT BY FOREST

(Acres Harvested)

Forest	Fiscal Year	Clearcut	Shelterwood	Selection	Thinning	Salvage	Other	Total
George Washington NF	2004	0	625	0	111	44	0	780
	2005	0	962	29	104	81	0	1,176
	2006	25	459	36	247	50	7	824
	2007	22	364	6	340	0	0	732
Jefferson NF	2004	0	127	0	111	0	6	244
	2005	0	153	0	214	40	0	407
	2006	29	41	3	61	24	234	392
	2007	36	165	2	277	0	0	480
Totals For Both Forests	2004	0	752	0	222	44	0	1,024
	2005	0	1,115	29	318	121	0	1,583
	2006	54	500	39	308	74	241	1,216
	2007	58	529	5	617	0	0	1,212

Table 10. Management Activities Trend on George Washington National Forest Only

Year	Timber Harvest (Acres)	Timber Cut (Million Bd. Ft.)	Prescribed Burning (Acres)	Gypsy Moth Aerial Spraying (Acres)	Road Construction (Miles)
2004	780	17.4	7,103	0	1.0
2005	1,176	15.6	9,285	0	0.0
2006	824	11.7	4,914	0	0.5
2007	732	10.8	3,335	0	0.2

N/A: Information Not Available

Table 11. Management Activities Trend on Jefferson National Forest Only

Year	Timber Harvest (Acres)	Timber Cut (Million Bd. Ft.)	Prescribed Burning (Acres)	Gypsy Moth Aerial Spraying (Acres)	Road Construction (Miles)
2004	244	4.1	6,516	5,510	1.0
2005	407	5.8	6,782	10,812	1.4
2006	392	4.0	1,762	7,063	3.7
2007	480	9.0	7,120	33,963	1.6

N/A: Information Not Available

Table 12. Combined Management Activities Trend across Both Forests

Year	Timber Harvest (Acres)	Timber Cut (Million Bd. Ft.)	Prescribed Burning (Acres)	Gypsy Moth Aerial Spraying (Acres)	Road Construction (Miles)
2004	1,024	21.5	13,619	5,510	2.0
2005	1,583	21.4	16,067	10,812	1.4
2006	1,216	15.7	6,676	7,063	4.2
2007	1,212	19.8	10,455	33,963	1.8

N/A: Information Not Available

Table 13. GWJNF Age Class Distribution for All Forested Land 1989 and 2007

(Changes over last 18 years)

	Jefferson National Forest				George Washington National Forest				Combined GWJNF's			
Age	1989	%	2007	%	1989	%	2007	%	1989	%	2007	%
0-10	26269	3.9	2146	0.3	44367	4.3	7576	0.7	70636	4.1	9722	0.6
11-20	25682	3.8	12322	1.7	32524	3.1	27124	2.6	58206	3.4	39446	2.2
21-30	13122	1.9	17253	2.4	22987	2.2	26705	2.6	36109	2.1	43958	2.5
31-40	6967	1.0	26349	3.7	3309	0.3	40328	3.9	10276	0.6	66677	3.8
41-50	29840	4.4	10622	1.5	5490	0.5	11503	1.1	35330	2.1	22125	1.3
51-60	121277	17.9	8352	1.2	31822	3.1	3681	0.4	153099	8.9	12033	0.7
61-70	173584	25.6	39544	5.5	101660	9.8	8332	0.8	275244	16.1	47876	2.7
71-80	115851	17.1	148865	20.8	214257	20.7	44620	4.3	330108	19.3	193485	11.0
81-90	55392	8.3	176672	24.7	218002	21.1	133311	12.8	273394	16.0	309983	17.6
91-100	29911	4.4	115216	16.1	115456	11.2	228543	21.9	145367	8.5	343759	19.5
101-110	43927	6.5	51595	7.2	79291	7.7	203317	19.5	123218	7.2	254912	14.5
111-120	17835	2.6	26551	3.7	63294	6.1	90055	8.6	81129	4.7	116606	6.6
121-130	9499	1.4	48507	6.8	33702	3.3	75189	7.2	43201	2.5	123696	7.0
131-140	4860	0.7	17983	2.5	26012	2.5	55786	5.3	30872	1.8	73769	4.2
141-150+	3149	0.5	14726	2.1	42546	4.1	88445	8.5	45695	2.7	103171	5.9
TOTAL	677165	100	716703	100	1034719	100	1044515	100	1711884	100	1761218	100

(Source: Continuous Inventory of Stand Conditions (CISC) for GWJNF dataset of 12-1-89 and FSVeg for GWJNF dataset of 12/21/2007.)

Table 14. Total Wildfires and Hazardous Fuel Treatment by Activity by Year, by Forest

(Acres Treated)

Forest	Fiscal Year	Wildland Fire Use	Prescribed Fire	Mechanical Treatment	Wildfires (Number)	Wildfires (Acres Burned)
George Washington NF	2004	0	7,103	0	10	27
	2005	0	9,285	0	15	368
	2006	0	4,914	0	14	2,027
	2007	0	3,335	0	22	743
Jefferson NF	2004	0	6,516	0	8	186
	2005	0	6,782	0	11	53
	2006	0	1,762	0	22	5,840
	2007	407	7,120	0	25	3,808
Totals For Both Forests	2004	0	13,619	0	18	213
	2005	0	16,067	0	26	421
	2006	0	6,676	0	36	7,867
	2007	407	10,455	0	47	4546

Table 15. Trend in Land Acquisitions and Conveyances across Both Forests

Year	Land Acquired Thru Exchange, Purchase or Donation (Acres)	Federal Land Conveyed Thru Selling or Exchanges (Acres)	Land Acquired Thru Exchange, Purchase or Donation (Acres)	Federal Land Conveyed Thru Selling or Exchanges (Acres)	Land Acquired Thru Exchange, Purchase or Donation (Total Acres)	Federal Land Conveyed Thru Selling or Exchanges (Acres)	Net Increase in National Forest System Land (Acres)
Forest	GW	GW	Jefferson	Jefferson	GWJEFF	GWJEFF	
2004	0	0	1806	-54	1,806	-54	1,752
2005	120	-1	80	0	200	-1	199
2006	0	0	13	0	13	0	13
2007	14	25	0	5	14	30	-16

Table 16. Private Land Boundary Location, Maintenance, and Title Claims Resolved, by Year, by Forest

Forest	Fiscal Year	Boundaries Located (Miles)	Boundaries Maintained (Miles)	Title Claims and Encroachments Resolved (Number)
George Washington NF	2004	6.5	75	2
	2005	0.0	103	1
	2006	0.0	33	0
	2007	2.5	45	1
Jefferson NF	2004	2.3	79	0
	2005	5.4	74	2
	2006	0.0	33	1
	2007	0.0	33	2
Totals For Both Forests	2004	8.8	154	2
	2005	5.4	177	3
	2006	0.0	66	1
	2007	2.5	78	3

Table 17. Road Activities by Year, by Forest
(Miles)

Forest	Fiscal Year	Road Construction	Road Reconstruction	Road Maintenance
George Washington NF	2004	1.0	2.9	860
	2005	0.0	0.9	845
	2006	0.5	0.0	746
	2007	0.2	0.3	635
Jefferson NF	2004	1.0	1.7	455
	2005	1.4	0.9	422
	2006	3.7	2.5	373
	2007	1.6	7.5	365
Totals For Both Forests	2004	2.0	4.6	1,315
	2005	1.4	1.8	1,267
	2006	4.2	2.5	1,119
	2007	1.8	7.8	1,000

Table 18. Bat Population Trend in Clark's Cave
(Number of Bats Counted)

Bat Species	1990	1992	1994	1995	1999	2001	2003	2005	2007
Big Brown	3	10	1	0	4	12	1	6	8
Little Brown	202	742	255	200	309	463	541	612	658
Northern Myotis	0	1	0	0	0	0	0	0	0
Indiana Bat	22	0	20	0	1	47	47	50	49
Eastern Pipistrelle	27	210	18	4	36	216	98	196	377
TOTAL	254	963	294	204	350	738	687	864	1092

Table 19. Bat Population Trend in Hupman's Saltpetre Cave
(Number of Bats Counted)

Bat Species	1990	1991	1992	1994	1996	2001	2003	2005	2007
Big Brown Bat	128	174	58	34	29	18	10	34	*
Eastern Small Footed Myotis	56	55	64	27	22	44	37	32	*
Little Brown	1360	3082	3342	4571	2750	2611	3564	3168	*
Northern Myotis	2	1	0	0	0	0	2	0	*
Indiana Bat	26	0	220	300	225	5	4	0	*
Eastern Pipistrelle	149	319	272	172	217	240	128	101	*
TOTAL	1721	3631	3956	5104	3243	2918	3745	3335	*

* = cave not surveyed in 2007

Table 20. Bat Population Trend in Mountain Grove Saltpetre Cave
(Number of Bats Counted)

Bat Species	1990	1992	1994	1998	2001	2003	2005	2007
Big Brown Bat	9	27	22	29	24	*	*	X
Eastern Small Footed Myotis	1	5	5	2	8	*	*	X
Little Brown	10	3	19	36	0	*	*	X
Indiana Bat	5	23	1	2	2	*	*	X
Eastern Pipistrelle	27	34	81	51	52	*	*	X
TOTAL	52	92	128	120	86	*	*	X

* = not surveyed due to snow cover and inaccessability X = cave not surveyed in 2007

Table 21. Bat Population Trend in Starr Chapel Cave

(Number of Bats Counted)

Bat Species	1990	1992	1994	1995	1997	1999	2001	2003	2005	2007
Big Brown Bat	4	18	16	15	9	10	13	9	9	19
Eastern Small Footed Myotis	3	11	7	8	12	21	22	13	12	29
Little Brown	718	1292	1407	1393	1552	1689	1872	1727	1695	1652
Northern Myotis	0	1	3	4	3	13	28	13	9	2
Indiana Bat	37	38	42	60	54	55	47	67	57	68
Eastern Pipistrelle	34	326	146	95	73	128	264	111	115	247
TOTAL	796	1686	1621	1575	1703	1916	2246	1940	1897	2017

Table 22. Trend in Indiana Bat Habitat Required by USFWS Biological Opinion

Year of CISC/GIS Data	CISC/GIS Total Forest Acres	> 60% of All Forest Types > 70 Years Old (Acres/Percent)	Total 53/56 Forest Acres	>40% of 53/56 Forest Types > 80 Years Old (Acres/Percent)
3/12/98*	1,707,112	1,300,681 / 76.2	701,925	352,250 / 50.2
4/1/99	1,743,546	1,358,995 / 77.9	720,382	388,094 / 53.9
3/16/00	1,742,489	1,369,028 / 78.6	720,777	397,646 / 55.2
5/31/02	1,747,991	1,425,660 / 81.6	724,438	442,888 / 61.1
3/29/04	1,721,795**	1,440,357 / 83.6	716,235	459,077 / 64.1
6/30/05	1,753,505	1,481,318 / 84.4	731,079	479,646 / 65.6
12/27/07	1,772,451	1,519,381 / 85.7	743,598	508,656 / 68.4

* Indiana Bat EA dated 3/12/98, page 32.

** 22,769 acres not included in GIS age class report

Table 23. Indiana Bat Populations in Hibernacula On or Near the GWJNF

(Caves with Primary and Secondary Cave Protection Areas on land managed by GWJNF as noted in USFWS Biological Opinions of 1997 for GW and 2005 for JNF)

(Number of Bats Counted)

Winter Survey Year	Starr Chapel Cave	Mt. Grove Cave	Clarks Cave	Hupman's Saltpetre Cave	Shires Cave	Kelly Cave	Rocky Hollow Cave	Newberry-Bane Cave	Patton Cave (WV)
1985	30						270		
1986		0	21			1		90	
1987	5		52						
1988			31	0	13				0
1989	36				13				
1990	37	5	22	26	3			120	
1991	23			0			202		
1992	38	23	0	220				100	
1993	31	0			20	18	241	107	
1994	42	1	20	300					
1995	60							110	
1996			0	225	27				
1997	54					10*			
1998		2							17
1999	55		1		23	10		120	
2000								235	8
2001		2		5	36	3	166		
2002									10
2003	67		47	4	19	9	325	189	
2004									8
2005	57		50	0	33	0*	156	237	
2006									
2007	68		49		16		170	232	

Blank cells = no survey done that winter. *Incomplete survey of Kelly Cave was done in 1997 and 2005 number of "0" likely due to gate vandalism and subsequent human disturbance.

Table 24. Trend in "Take" as Expressed by Vegetation Disturbance in Indiana Bat Habitat

By Forest Management Activity

(Acres)

Year (fiscal)	Timber Harvest GWNF	Timber Harvest JNF	Total Timber Harvested	Road Const.	Rx Burn Line Const**.	Rx Burn Acreage (JNF only)	Recreation Develop.	Wildlife Opening Develop.	Special Use Develop.	Total "Take" Acreage for Year	Allowed Acreage of "Take" per BO	"Take" Acres Not Used but Allowed
1998*	1,449	1,293	2,742	3.15	15.8	N/A	40	7.5	5.8	2,814.3	4,500	1,685.7
1999*	1,284	942	2,226	3.2	10.2	N/A	23	9.0	15.5	2,286.9	4,500	2,213.1
2000*	1,254	1,115	2,369	0.1	12.7	N/A	11	14.4	12.3	2,419.5	4,500	2,080.5
2001*	1,162	795	1,957	2.8	13.8	N/A	15	12.5	7.1	2,008.2	4,500	2,491.8
2002*	881	332	1,213	0.3	15.1	N/A	10.5	8.0	4.2	1,251.1	4,500	3,248.9
2003*	789	226	1,015	0.2	12.3	N/A	6.2	10.1	8.3	1,052.1	4,500	3,447.9
2004 (GW)	780	N/A	780	2.4	3.4	N/A	0.3	4.4	4.6	795.1	4,500	3,705.8
2004 (JNF)	N/A	244	244	2.4	3.8	6,516	0.4	2.5	2.2	6,771.3	16,800	10,029.6
2005 (GW)	1,176	N/A	1,176	0.0	6.9	N/A	0.0	11.2	0.0	1,194.1	4,500	3,704.9
2005 (JNF)	N/A	407	407	3.4	5.2	6,782	0.0	4.7	0.0	7,202.3	16,800	9,597.7
2006 (GW)	824	N/A	824	1.2	4.3	N/A	0.0	32.5	0.0	862.0	4,500	3,638.0
2006 (JNF)	N/A	392	392	9.0	4.8	1,762	0.0	0.0	0.0	2,167.8	16,800	14,632.2
2007 (GW)	732	N/A	732	0.5	5.1	N/A	4.0	19.0	0.0	760.6	4,500	3,739.4
2007 (JNF)	N/A	480	480	3.9	4.7	7,120	8.1	2.4	0.0	7,619.1	16,800	9,180.9

* = acres for both GW & JNF unless column Title indicates otherwise.

** = Correction to BO by USFWS letter of February 11, 1999, prescribed burning is a conservation recommendation in BO to improve bat habitat, only tree cutting for control-line construction is considered to be an negative disturbance factor.

Table 25. Old Growth Trend across the George Washington NF

(Acres)

Year	01 - Northern Hardwood Forests	2a- Hemlock- North. Hardwd Subgroup	2b-Wh. Pine- North. Hardwd Subgroup	2c- Spruce- North. Hardwood Subgroup	05 - Mixed Mesophytic Forests	10 - Hardwood Wetland Forests	21 - Dry- mesic Oak Forests	22 - Dry and Xeric Oak Woodlands	24 - Xeric pine & Pine- oak Forests	25 - Dry & Dry- mesic Oak- pine Forests	28 - Eastern Riverfront Forests	37 – Rocky, Thin- soil Conifer Wood.	Total All Old Growth
1993	0	1,364	0	71	680	0	70,416	0	78,239	3,814	5	0	154,589
1994	0	1,364	0	71	708	0	72,460	0	82,316	4,268	5	0	161,192
1995	0	1,364	0	71	727	0	75,986	0	86,009	4,343	5	0	168,505
1996	0	1,364	0	71	727	0	77,406	0	88,820	4,581	5	0	172,974
1997	0	1,364	0	71	727	0	79,060	0	91,295	4,666	5	0	177,188
1998	0	1,364	0	71	727	0	81,904	0	94,991	5,100	5	0	184,162
1999	0	1,364	0	71	727	0	85,432	0	97,384	5,133	5	0	190,116
2000	0	1,411	0	255	838	0	99,189	56	101,759	6,201	22	0	209,731
2001	0	1,411	0	255	838	0	102,264	56	104,011	6,431	22	0	215,288
2002	0	1,411	0	255	838	0	106,069	56	105,588	6,602	22	0	220,841
2003	0	1,411	0	275	984	0	108,310	85	107,240	6,686	22	0	225,013
2004	0	1,411	0	275	984	0	111,342	85	108,080	6,836	22	0	229,035
2005	0	1,411	0	275	1,060	0	118,492	85	109,287	7,227	22	0	237,859
2006	0	1,411	0	308	1,060	0	122,000	85	110,801	7,635	22	0	243,322
2007	0	1,411	0	308	1,060	0	125,840	85	111,568	7,901	22	0	248,195
2008	0	1,411	19	308	1,060	0	129,202	85	112,581	8,685	22	0	253,373

* Names and associated identification numbers are from Forestry Report R8-FR 62. Three OGFT groups were added in the 2000 CISC inventory as meeting the minimum age necessary to be considered old growth. These stands were not reflected in earlier years due to their stand ages in CISC. These OGFT groups are: 1) Northern Hardwood Forests, 2) Hardwood Wetland Forests, and 3) Dry & Xeric oak Woodlands & Savannas. Two OGFT group still have no acreage that meets the minimum age criteria. All data for years updated in July and August 2008 to reflect different data base set.

Table 26. Gypsy Moth Defoliation by Year, by Forest
(Acres)

Year	George Washington National Forest	Jefferson National Forest	Grand Totals Across Both Forests
	Gypsy Moth Defoliation	Gypsy Moth Defoliation	
2004	0	0	0
2005	0	3,030	3,030
2006	0	2,950	2,950
2007	26,548	18,897	45,445

Table 27. Gypsy Moth Treatment Applications by Year, by Forest
(Acres Treated)

Forest	Fiscal Year	Pheromone Flake Application	Bt	DimiIn	Yearly Total
George Washington NF	2004	0	0	0	0
	2005	0	0	0	0
	2006	0	0	0	0
	2007	0	0	0	0
Jefferson NF	2004	5510	0	0	5510
	2005	10573	239	0	10812
	2006	6905	158	0	7063
	2007	28423	5540	0	33963
Totals For Both Forests	2004	5510	0	0	5510
	2005	10573	239	0	10812
	2006	6905	158	0	7063
	2007	28423	5540	0	33963

Table 28. Soil and Watershed Restoration by Year, by Forest
(Acres Treated)

Forest	Fiscal Year	NFVW	KV and K2	Yearly Total
George Washington NF	2004	31	0	31
	2005	33	0	33
	2006	25	0	25
	2007	27	6	33
Jefferson NF	2004	29	0	29
	2005	27	0	27
	2006	35	0	35
	2007	13	5	18
Totals For Both Forests	2004	60	0	60
	2005	60	0	60
	2006	60	0	60
	2007	40	11	51

Table 29. Noxious Weed Control on the GWJEFF NF
(Acres Treated)

Year	Noxious Weeds (Range Only) (Entire GWJ)	Noxious Weeds (NFVW Only) (Entire GWJ)	Noxious Weeds (CWKV, CWK2, RTRT Only) (Entire GWJ)	Grand Total GWJEFF
2004	301	0	0	301
2005	52	265	0	317
2006	0	200	465	665
2007	0	751	73	824