

Appendix K – Analysis data by National Forest

Table K-1. Acres* of precommercial thinning possible during next decade

	Scheduled in lynx habitat	Scheduled outside lynx habitat	Total scheduled
NATIONAL FOREST			
Idaho			
Clearwater	5,510	7,970	13,480
Idaho Panhandle	80,890	27,990	108,880
Nez Perce	12,370	16,750	29,120
Salmon-Challis	22,000	8,500	30,500
Targhee	36,800	8,200	45,000
Montana			
Beaverhead- Deerlodge	21,280	4,960	26,240
Bitterroot	510	17,890	18,400
Custer	1,010	10,840	11,850
Flathead	49,540	2,300	51,840
Gallatin	26,300	5,000	31,300
Helena	3,830	0	3,830
Kootenai	73,260	50,770	124,030
Lewis & Clark	7,410	720	8,130
Lolo	30,160	9,530	39,690
Utah			
Ashley	7,710	870	8,580
Wyoming			
Bighorn	3,000	8,000	11,000
Bridger-Teton	9,500	0	9,500
Shoshone	4,250	600	4,850
TOTAL	395,330	180,890	576,220

*Acres are estimates rounded to the nearest ten and could change due to changing needs.

Appendix K Analysis data by National Forest

Table K-2. Acres* of precommercial thinning by alternative

	Alt. A Total In lynx / Out lynx	Alt. B Total In lynx / Out lynx	Alts C & E Total In lynx / Out lynx	Alt. D Total In lynx / Out lynx	Alt. F Total In lynx / Out lynx
NATIONAL FOREST					
Idaho					
Clearwater	13,480 5,510 / 7,970	7,970 0 / 7,970	7,970 0 / 7,970	11,550 3,580 / 7,970	9,900 1,930 / 7,970
Idaho Panhandle	108,880 80,890 / 27,990	28,150 160 / 27,990	28,190 200 / 27,990	101,680 73,690 / 27,990	68,270 40,280 / 27,990
Nez Perce	29,120 12,370 / 16,750	16,870 120 / 16,750	16,870 120 / 16,750	17,110 360 / 16,750	16,870 120 / 16,750
Salmon-Challis	30,500 22,000 / 8,500	8,720 220 / 8,500	8,720 220 / 8,500	14,520 6,020 / 8,500	10,120 1,620 / 8,500
Targhee	45,000 36,800 / 8,200	8,570 370 / 8,200	8,570 370 / 8,200	9,070 870 / 8,200	9,070 870 / 8,200
Montana					
Beaverhead- Deerlodge	26,240 21,280 / 4,960	4,960 0 / 4,960	5,000 40 / 4,960	26,240 21,280 / 4,960	5,220 260 / 4,960
Bitterroot	18,400 510 / 17,890	17,890 0 / 17,890	17,940 50 / 17,890	18,040 150 / 17,890	17,940 50 / 17,890
Custer	11,850 1,010 / 10,840	10,840 0 / 10,840	10,840 0 / 10,840	11,840 1,000 / 10,840	11,840 1,000 / 10,840
Flathead	51,840 49,540 / 2,300	2,800 500 / 2,300	3,020 720 / 2,300	35,960 33,660 / 2,300	3,760 1,460 / 2,300
Gallatin	31,300 26,300 / 5,000	5,260 260 / 5,000	5,280 280 / 5,000	6,310 1,310 / 5,000	6,310 1,310 / 5,000
Helena	3,830 3,830 / 0	0 0 / 0	40 40 / 0	920 920 / 0	730 730 / 0
Kootenai	124,030 73,260 / 50,770	50,770 0 / 50,770	51,010 240 / 50,770	119,240 68,470 / 50,770	64,290 13,520 / 50,770
Lewis & Clark	8,130 7,410 / 720	720 0 / 720	740 20 / 720	740 20 / 720	740 20 / 720
Lolo	39,690 30,160 / 9,530	9,830 300 / 9,530	10,830 1,300 / 9,530	21,680 12,150 / 9,530	11,730 2,200 / 9,530
Utah					
Ashley	8,580 7,710 / 870	1,110 230 / 870	1,100 230 / 870	1,880 1,010 / 870	1,490 620 / 870
Wyoming					
Bighorn	11,000 3,000 / 8,000	8,030 30 / 8,000	8,030 30 / 8,000	8,360 360 / 8,000	8,120 120 / 8,000
Bridger-Teton	9,500 9,500 / 0	0 0 / 0	0 0 / 0	9,500 9,500 / 0	1,000 1,000 / 0
Shoshone	4,850 4,250 / 600	600 0 / 600	600 0 / 600	2,730 2,130 / 600	600 0 / 600
TOTAL	576,220 395,330 / 180,890	183,080 2,190 / 180,890	184,750 3,860 / 180,890	417,370 236,480 / 180,890	248,000 67,110 / 180,890

*Acres are estimates rounded to the nearest ten and could change due to changing needs.

Appendix K Analysis data by National Forest

Table K-3. Acres of precommercial thinning possible during next decade for research, genetic testing and fire-defensible space

	Research PCT		Genetic testing PCT		Defensible space PCT	
	In lynx habitat	Outside habitat	In lynx habitat	Outside habitat	In lynx habitat	Outside habitat
NATIONAL FOREST						
Idaho						
Clearwater	0	0	0	100	0	0
Idaho Panhandle	0	20	40	50	160	1,120
Nez Perce	0	0	0	60	120	170
Salmon-Challis	0	0	0	0	220	90
Targhee	0	0	0	0	370	410
Montana						
Beaverhead-Deerlodge	0	0	40	0	0	0
Bitterroot	50	50	0	50	0	360
Custer	0	0	0	0	0	220
Flathead	180	0	40	0	500	20
Gallatin	20	0	0	0	260	0
Helena	0	0	40	0	0	0
Kootenai	200	0	40	40	0	1,520
Lewis & Clark	0	0	20	0	0	0
Lolo	1,000	0	0	20	300	100
Utah						
Ashley	0	0	0	0	230	0
Wyoming						
Bighorn	0	10	0	0	30	160
Bridger-Teton	0	0	0	0	0	0
Shoshone	0	0	0	0	0	0
TOTAL	1,450	80	220	320	2,190	4,170

*Acres are estimates rounded to the nearest ten, and could change based on changing needs.

Appendix K Analysis data by National Forest

Table K-4. Acres* of precommercial thinning possible during next decade for planted white pine, whitebark pine and quaking aspen

	Planted white pine		Whitebark pine		Quaking aspen	
	In lynx habitat	Outside habitat	In lynx habitat	Outside habitat	In lynx habitat	Outside habitat
NATIONAL FOREST						
Idaho						
Clearwater	1,930	3,990	0	0	0	0
Idaho Panhandle	36,400	10,920	2,950	0	730	0
Nez Perce	0	0	0	250	0	0
Salmon-Challis	0	0	300	0	1,100	430
Targhee	0	0	500	0	0	0
Montana						
Beaverhead-Deerlodge	0	0	0	0	220	50
Bitterroot	0	0	0	0	0	0
Custer	0	0	1,000	0	0	220
Flathead	740	30	0	0	0	0
Gallatin	0	0	1,000	0	30	0
Helena	0	0	500	0	190	0
Kootenai	11,720	4,570	1,560	0	0	2,030
Lewis & Clark	0	0	0	0	0	0
Lolo	300	100	300	0	300	100
Utah						
Ashley	0	0	0	0	390	0
Wyoming						
Bighorn	0	0	0	0	90	240
Bridger-Teton	0	0	1,000	0	0	0
Shoshone	0	0	0	0	0	0
TOTAL	51,090	19,610	9,110	250	3,050	3,070

*Acres are estimates rounded to the nearest ten, and could change based on changing needs.

Appendix K Analysis data by National Forest

Table K-5. Acres* of precommercial thinning possible during next decade for ponderosa pine, western larch, lodgepole pine

	Ponderosa pine		Western larch		Lodgepole pine	
	In lynx habitat	Outside habitat	In lynx habitat	Outside habitat	In lynx habitat	Outside habitat
NATIONAL FOREST						
Idaho						
Clearwater	0	800	1,650	1,590	0	0
Idaho Panhandle	1,700	3,360	31,550	8,960	160	60
Nez Perce	120	1,680	120	1,340	0	0
Salmon-Challis	2,200	850	0	0	2,200	850
Targhee	0	0	0	0	0	0
Montana						
Beaverhead-Deerlodge	0	100	0	0	21,020	4,810
Bitterroot	100	13,600	0	1,070	0	0
Custer	0	10,400	0	0	0	0
Flathead	4,950	1,150	27,250	920	0	0
Gallatin	0	200	0	0	0	0
Helena	0	0	190	0	0	0
Kootenai	2,200	12,160	52,750	30,450	0	0
Lewis & Clark	0	180	0	0	0	0
Lolo	300	2,860	9,650	950	0	0
Utah						
Ashley	0	870	0	0	390	0
Wyoming						
Bighorn	90	240	0	0	150	400
Bridger-Teton	0	0	0	0	8,500	0
Shoshone	0	0	0	0	2,130	300
TOTAL	11,660	48,450	123,160	45,280	34,550	6,420

*Acres are estimates rounded to the nearest ten, and could change based on changing needs.

Appendix K Analysis data by National Forest

Table K-6. Acres* of precommercial thinning by alternative during next decade, full funding compared to historic average funding

	Alternative A		Alternative B		Alts C & E		Alternative D		Alternative F	
	Full funding	Historic average	Full funding	Historic average	Full funding	Historic average	Full funding	Historic average	Full funding	Historic average
NATIONAL FOREST										
Idaho										
Clearwater	13,480	4,310	7,970	2,550	7,970	2,550	11,550	3,670	9,900	3,170
Idaho Panhandle	108,880	34,840	28,150	9,010	28,190	9,020	101,680	32,540	68,270	21,850
Nez Perce	29,120	9,320	16,870	5,400	16,870	5,400	17,110	5,480	16,870	5,400
Salmon-Challis - R4	30,500	11,290	8,720	3,230	8,720	3,230	14,520	5,370	10,120	3,740
Targhee -R4	45,000	16,650	8,570	3,170	8,570	3,170	9,070	3,360	9,070	3,360
Montana										
Beaverhead-Deerlodge	26,240	8,400	4,960	1,590	5,000	1,600	26,240	8,400	5,220	1,670
Bitterroot	18,400	5,890	17,890	5,730	17,940	5,740	18,040	5,770	17,940	5,740
Custer	11,850	3,790	10,840	3,470	10,840	3,470	11,840	3,790	11,840	3,790
Flathead	51,840	16,590	2,800	900	3,020	970	35,960	11,510	3,760	1,200
Gallatin	31,300	10,020	5,260	1,680	5,280	1,690	6,310	2,020	6,310	2,020
Helena	3,830	1,230	0	0	40	10	920	290	730	230
Kootenai	124,030	39,690	50,770	16,250	51,010	16,320	119,240	38,160	64,290	20,570
Lewis & Clark	8,130	2,600	720	230	740	240	740	240	740	240
Lolo	39,690	12,700	9,830	3,150	10,830	3,470	21,680	6,940	11,730	3,750
Utah										
Ashley -R4	8,580	3,180	1,100	410	1,100	410	1,880	700	1,490	550
Wyoming										
Bighorn-R2	11,000	6,600	8,030	4,820	8,030	4,820	8,360	5,020	8,120	4,870
Bridger-Teton-R4	9,500	3,520	0	0	0	0	9,500	3,520	1,000	370
Shoshone	4,850	2,910	600	360	600	360	2,730	1,640	600	360
TOTAL	576,220	193,530	183,080	61,950	184,750	62,470	417,370	148,420	248,000	82,880

*Acres are estimates rounded to the nearest ten, and could change based on changing needs.

Before Canada lynx was listed as a threatened species, Congress funded units in the amendment area to do about 20,000 acres of precommercial thinning a year. Amounts varied somewhat from year to year. FS Regions 1 and 4 both had many acres scheduled to be thinned, but were funded to do only about 30 to 40 percent. FS Region 2 had a smaller program and was funded to do about 60 percent.

	<u>FS R1</u>	<u>FS R2</u>	<u>FS R4</u>	<u>Total/average</u>
1994-1998 average acres funded	15,000	1,000	3,600	19,600
Percent funded	32%	60%	37%	34%

Appendix K Analysis data by National Forest

Table K-7. Grazing allotments

	Number of allotments	With lynx habitat	Active with lynx habitat	Active allotments with lynx habitat:			
				Less than 25 percent	From 25 to 50 percent	More than 50 percent	With similar direction‡
NATIONAL FOREST							
Idaho							
Clearwater	17	0	0	0	0	0	0
Idaho Panhandle	11	9	8	1	2	5	6
Nez Perce	29	15	12	3	3	6	12
Salmon-Challis	114	85	85	49	27	9	85
Targhee	145	100	86	8	24	54	86
Montana							
Beaverhead-Deerlodge	318	318	315	91	80	144	315
Bitterroot	20	19	15	9	2	4	15
Custer	133	24	24	13	4	7	24
Flathead	20	19	11	0	3	8	11
Gallatin	98	98	94	20	36	38	0
Helena	88	88	75	27	30	18	25
Kootenai	44	27	17	7	3	7	17
Lewis and Clark	269	146	143	21	11	111	73
Lolo	36	18	13	2	5	6	13
Utah							
Ashley	68	68	51	6	19	26	51
Wyoming							
Bighorn	106	61	59	13	23	23	59
Bridger-Teton	278	278	236	0	236	0	236
Shoshone	84	47	45	21	14	10	10
TOTAL	1,878	1,420	1,289	291	522	476	1,045

‡ *Similar direction* includes plan standards for riparian habitat protection or other management direction for grazing.

Appendix K Analysis data by National Forest

Table K-8. Miles of designated or groomed winter routes and acres of designated play areas

	All groomed or designated routes, in miles	Inside lynx habitat			Designated play areas (Number) & acres
		Groomed or designated routes, in miles	Average designated routes groomed/year, in miles	Designated routes that could be groomed, in miles	
NATIONAL FOREST					
Idaho					
Clearwater	1,025	500	425	75	0
Idaho Panhandle	1,450	975	475	500	0
Nez Perce	2,275	1,075	275	775	0
Salmon-Challis	1,500	1,125	225	900	0
Targhee	1,000	400	400	0	0
Montana					
Beaverhead-Deerlodge	1,000	575	275	300	0
Bitterroot	250	100	25	75	0
Custer	50	25	0	25	0
Flathead	175	175	175	0	0
Gallatin	425	350	305	50	0
Helena	375	275	200	75	(2) for 3,750
Kootenai	425	250	175	75	0
Lewis & Clark	825	600	225	400	(2) for 300
Lolo	700	375	300	75	0
Wyoming					
Bighorn	425	50	25	25	0
Bridger-Teton	850	850	750	100	0
Shoshone	500	150	100	50	0
Utah					
Ashley	125	125	120	0	0
TOTAL	13,375	7,975	4,475 (56%)	3,500 (44%)	(4) for 4,050

The table contains estimated miles for each unit rounded to the nearest 25, as of January 2004. The baseline miles need to be established by each unit once a decision is made. The lynx amendment is not setting these as the baseline figures. These data may be updated as each unit conducts further site specific analysis to map the baseline, and for travel planning.

Appendix K Analysis data by National Forest

Table K-9. Recreation special use permits (SUPs) and agreements

	Recreation SUPs and agreements	Winter recreation SUPs and agreements	Winter recreation SUPs and agreements in lynx habitat
NATIONAL FOREST			
Idaho			
Clearwater	37	6	3
Idaho Panhandle	195	25	24
Nez Perce	64	17	15
Salmon-Challis	114	14	14
Targhee	325	24	21
Montana			
Beaverhead-Deerlodge	28	4	4
Bitterroot	211	7	7
Custer	17	0	0
Flathead	201	8	8
Gallatin	376	30	30
Helena	58	8	6
Kootenai	61	19	19
Lewis and Clark	21	21	21
Lolo	141	24	20
Utah			
Ashley	24	2	2
Wyoming			
Bighorn	343	86	85
Bridger-Teton	227	39	39
Shoshone	279	25	20
TOTAL	2,722	359	338

Appendix K Analysis data by National Forest

Table K-10. Cross-country and downhill ski areas operating under special use permit

	Inside lynx habitat				
	Ski areas	Number	Acres	Planning expansion	New areas planned
NATIONAL FOREST					
Idaho					
Clearwater	0	0	0	0	0
Idaho Panhandle †	2	0	0	1	0
Nez Perce	1	0	0	0	0
Salmon-Challis ‡	1	1	1,401	1	0
Targhee	2	2	974	1	0
Montana					
Beaverhead-Deerlodge	2	2	1,999	1	0
Bitterroot ‡	0	0	0	0	0
Custer	1	1	1,288	1	0
Flathead	6	5	3,749	1	0
Gallatin	2	2	956	1	0
Helena	3	2	320	0	0
Kootenai	3	1	2,640	1	1
Lewis & Clark	3	3	1,498	1	0
Lolo †	3	2	1,412	1	0
Wyoming					
Bighorn	6	1	400	0	0
Bridger-Teton	5	5	4,620	0	0
Shoshone	10	1	2	0	0
Utah					
Ashley	0	0	0	0	0
TOTAL	50	28	21,259	10	1

† The Idaho Panhandle and Lolo National Forests both have parts of the Lookout Pass ski area within their administrative boundaries. On this table it is listed under the Lolo in Montana.

‡ The Salmon-Challis and Bitterroot National Forests both have parts of the Lost Trail ski area within their administrative boundaries. On this table it is listed under the Salmon-Challis NF in Idaho.

Appendix K Analysis data by National Forest

Table K-1 I. Mining operations and wells in lynx habitat

	Wells in last 10 years		Foreseeable wells or pads*	Minerals operations	
	Drilled	Outside habitat		Number	Name of major operations
NATIONAL FOREST					
Idaho					
Clearwater	0	0	0	0	-
Idaho Panhandle	0	0	0	0	-
Nez Perce	0	0	0	0	-
Salmon-Challis	0	0	0	0	-
Targhee	0	0	0	0	-
Montana					
Beaverhead-Deerlodge	0	0	4	2	Beal & Golden Jubilee
Bitterroot	0	0	0	0	-
Custer	2*	0	2	1	Stillwater
Flathead	0	0	0	0	-
Gallatin	0	0	0	1	East Boulder
Helena	1*		2	2 to 3	-
Kootenai	0	0	0	1	Troy
Lewis and Clark	0	0	2	0	-
Lolo	0	0	0	1 to 5	-
Utah					
Ashley	0	0	3	1	-
Wyoming					
Bighorn	0	0	1	0	-
Bridger-Teton	0	Several	24	0	-
Shoshone	0	1	1	0	-
TOTAL	1	3+	39	9 to 14	-

*Pads with multiple wells on the same location are counted as "1 well or pad" since the disturbance is comparable to a single well.

**One well on the Helena NFis on private land within the National Forest boundary has been plugged and abandoned. The two wells on the Custer NF are also plugged and abandoned.

Appendix K Analysis data by National Forest

Table K-12. Miles of forest roads in lynx habitat, part I

	Maintenance level 2	Maintenance levels 3 to 5	Paved 2 or more lanes		Environmental paving	
			Paved last 10 years	Planned next 10 years	Paved last 5 years	Planned next 5 years
NATIONAL FOREST						
Idaho						
Clearwater	299	184	0	0	0	0
Idaho Panhandle	1,166	830	0	0	0	0
Nez Perce	386	372	0	7	0	0
Salmon-Challis	670	420	0	0	0	0
Targhee	138	557	2.2	5	0	0
Montana						
Beaverhead-Deerlodge	1,050	741	10	5	0	0
Bitterroot	120	130	0	0	0	0
Custer	95	50	0	6.6	0	0
Flathead	500	795	0	0	0	1
Gallatin	981	202	0.5	8	0	0
Helena	447	168	0	5	0	0
Kootenai	400	450	0	0	1	0
Lewis and Clark	327	323	0	0	0	0
Lolo	704	621	0	7.1	0	0
Utah						
Ashley	211	353	0	1.7	0	0
Wyoming						
Bighorn	125	51	0	0	0	0
Bridger-Teton	848	624	0	0	1	1
Shoshone	197	58	2	0	0	0
TOTAL	8,664	6,929	14.7	45.4	2	2

Appendix K Analysis data by National Forest

Table K-13. Forest roads in lynx habitat, part 2

	New open last 5 years	New open planned next 5 years	Upgrades planned next 5 years	On ridge-top planned next 10 years
NATIONAL FOREST				
Idaho				
Clearwater	0.4	0	7.2	2.8
Idaho Panhandle	0.7	0	0	0
Nez Perce	0	0	0	0
Salmon-Challis	0	0	12	0
Targhee	0.8	2.5	5	0.2
Montana				
Beaverhead-Deerlodge	0.3	2.4	1.5	0
Bitterroot	0	0	0	0
Custer	0	0	14	0
Flathead	2	0	0	0
Gallatin	0	0	5	2
Helena	0	0	20	0
Kootenai	0	0	4	0
Lewis and Clark	0	0	0	0
Lolo	0	0	63.4	0
Utah				
Ashley	0	0	1.7	0
Wyoming				
Bighorn	0.2	0	0	0
Bridger-Teton	10	0	100	2
Shoshone	0	0	3.6	0
TOTAL	14.4	4.9	237.4	7

Appendix K Analysis data by National Forest

Table K-14. Economic effects of precommercial thinning restrictions after a decade, assuming full funding

	Alt. A		Alt. B		Alt. C & E		Alt. D		Alt. F	
	Employment -# of jobs	Labor Income (\$M)	Employment-# of jobs	Labor Income (\$M)	Employment-# of jobs	Labor Income (\$M)	Employment -# of jobs	Labor Income (\$M)	Employment-# of jobs	Labor Income (\$M)
NATIONAL FOREST										
Idaho										
Clearwater	155	2,158	91	1,276	91	1,276	99	1,385	114	1,585
Idaho Panhandle	1,195	16,415	309	4,244	309	4,250	836	11,483	749	10,293
Nez Perce	235	3,281	136	1,901	136	1,901	138	1,928	136	1,901
Salmon-Challis	320	3,566	91	994	91	1,020	152	1,698	106	1,183
Targhee	467	5,196	89	990	89	990	94	1,047	94	1,047
Montana										
Beaverhead-Deerlodge	309	2,996	58	566	59	571	39	2,996	61	596
Bitterroot	164	1,359	159	1,321	160	1,325	160	1,333	160	1,325
Custer	117	1,405	107	1,286	107	1,286	117	1,404	117	1,404
Flathead	421	3,605	23	195	25	210	220	1,881	31	261
Gallatin	185	2,196	31	369	31	370	37	441	37	443
Helena	34	321	0	0	0	0	0	0	6	61
Kootenai	1,004	8,730	411	3,574	413	3,591	725	6,304	521	4,525
Lewis and Clark	56	688	5	61	5	61	5	61	5	63
Lolo	402	3,436	100	851	110	938	165	1,408	119	1,016
Utah										
Ashley	27	349	3	45	3	45	6	76	5	61
Wyoming										
Bighorn	96	1,113	70	813	70	813	73	846	71	822
Bridger-Teton	96	1,071	0	0	0	0	96	1,071	10	113
Shoshone	27	274	3	34	3	34	15	154	3	34

Appendix K Analysis data by National Forest

Table K-15. Comparative employment and labor income effects after a decade of precommercial thinning restrictions, assuming full funding

	Employment effects (# of jobs)				Labor income effects (thousands of \$)			
	Alt B vs Alt A	Alt C & E vs Alt A	Alt D vs Alt A	Alt F vs Alt A	Alt B vs Alt A	Alts C & E vs Alt A	Alt D vs Alt A	Alt F vs Alt A
NATIONAL FOREST								
Idaho								
Clearwater	-64	-64	-56	-41	-882	-882	-773	-573
Idaho Panhandle	-886	-886	-359	-446	-12,171	-12,165	-4,932	-6,122
Nez Perce	-99	-99	-97	-99	-1,380	-1,380	-1,353	-1,380
Salmon-Challis	-229	-229	-168	-214	-2,546	-2,546	-1,868	-2,383
Targhee	-378	-378	-373	-373	-4,206	-4,206	-4,149	-4,149
Montana								
Beaverhead-Deerlodge	-251	-250	0	-248	-2,430	-2,425	0	-2,400
Bitterroot	-5	-4	-4	-4	-38	-34	-27	-34
Custer	-10	-10	0	0	-120	-120	-1	-1
Flathead	-398	-396	-201	-390	-3,411	-3,395	-1,724	-3,344
Gallatin	-154	-154	-148	-148	-1,827	-1,825	-1,755	-1,753
Helena	-34	-34	-34	-28	-321	-321	-321	-260
Kootenai	-593	-591	-279	-483	-5,157	-5,140	-2,427	-4,205
Lewis and Clark	-51	-51	-51	-51	-627	-627	-627	-625
Lolo	-302	-292	-237	-283	-2,585	-2,499	-2,029	-2,420
Utah								
Ashley	-24	-24	-21	-22	-304	-304	-272	-288
Wyoming								
Bighorn	-26	-26	-23	-25	-301	-301	-267	-291
Bridger-Teton	-96	-96	0	-86	-1,071	-1,071	0	-958
Shoshone	-24	-24	-12	-24	-240	-240	-120	-240

Appendix K Analysis data by National Forest

Table K-16. Economic effects of precommercial thinning restrictions after a decade, assuming historic average funding

	Alt. A		Alt. B		Alt. C &E		Alt. D		Alt. F	
	Employment (# of jobs)	Labor Income (\$M)	Employment (# of jobs)	Labor Income (\$M)	Employment (# of jobs)	Labor Income (\$M)	Employment (# of jobs)	Labor Income (\$M)	Employment (# of jobs)	Labor Income (\$M)
NATIONAL FOREST										
Idaho										
Clearwater	50	691	29	408	29	408	32	443	36	507
Idaho Panhandle	382	5,252	99	1,358	99	1,360	267	3,675	240	3,294
Nez Perce	75	1,050	44	608	44	608	44	617	44	608
Salmon-Challis	118	1,319	34	377	34	377	56	628	39	438
Targhee	173	1,922	33	366	33	366	35	387	35	387
Montana										
Beaverhead-Deerlodge	99	959	19	181	19	183	99	959	20	19
Bitterroot	52	435	51	423	51	424	51	426	51	424
Custer	37	450	34	411	34	411	37	449	37	449
Flathead	135	1,154	7	62	8	67	70	602	10	84
Gallatin	59	703	10	118	10	119	12	141	12	142
Helena	11	103	0	0	0	1	0	25	2	20
Kootenai	321	2,794	132	1,144	132	1,149	232	2,017	167	1,448
Lewis and Clark	18	220	2	19	2	20	2	20	2	20
Lolo	129	1,100	32	272	35	300	53	451	38	325
Utah										
Ashley	10	129	1	17	1	17	2	28	2	22
Wyoming										
Bighorn	58	668	42	488	42	488	44	508	43	493
Bridger-Teton	36	396	0	0	0	0	36	396	4	42
Shoshone	16	165	2	20	2	20	9	93	2	20

Appendix K Analysis data by National Forest

Table K-17. Comparative employment and labor income effects after a decade of precommercial thinning restrictions, assuming historic average funding

	Employment effects (# of jobs)				Labor income effects (thousands of \$)			
	Alt B vs Alt A	Alt C & E vs Alt A	Alt D vs Alt A	Alt F vs Alt A	Alt B vs Alt A	Alt C & E vs Alt A	Alt D vs Alt A	Alt F vs Alt A
NATIONAL FOREST								
Idaho								
Clearwater	-21	-21	-18	-14	-282	-282	-247	-184
Idaho Panhandle	-283	-283	-115	-142	-3,895	-3,893	-1,578	-1,958
Nez Perce	-31	-31	-31	-31	-442	-442	-433	-442
Salmon-Challis	-84	-84	-62	-79	-942	-942	-691	-881
Targhee	-140	-140	-138	-138	-1,556	-1,556	-1,535	-1,535
Montana								
Beaverhead-Deerlodge	-80	-80	0	-79	-778	-776	0	-768
Bitterroot	-1	-1	-1	-1	-12	-11	-9	-11
Custer	-3	-3	0	0	-38	-38	0	-1
Flathead	-128	-127	-65	-125	-1,091	-1,086	-552	-1,070
Gallatin	-49	-49	-47	-47	-585	-584	-562	-561
Helena	-11	-11	-11	-9	-103	-102	-78	-83
Kootenai	-189	-189	-89	-154	-1,650	-1,645	-777	-1,346
Lewis and Clark	-16	-16	-16	-16	-201	-200	-200	-200
Lolo	-98	-94	-76	-91	-827	-800	-649	-775
Utah								
Ashley	-9	-9	-8	-8	-112	-112	-101	-107
Wyoming								
Bighorn	-16	-16	-14	-15	-180	-180	-160	-175
Bridger-Teton	-36	-36	0	-32	-396	-396	0	-354
Shoshone	-14	-14	-7	-14	-144	-144	-72	-145

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