Estimate - Excess Net Growth available for additional harvest opportunities - 50 Mile Radius Ashland				
Species	Excess Net Growth available for additional harvest in Sawlog (MBF/Year)	Excess Net Growth available for additional harvest in Sawlog Topwood (Cords/Year)	Excess Net Growth available for additional harvest in Small Growing Stock (Cords/Year)	Total Excess Net Growth available for additional harvest (Cords/Year)
balsam fir	**38,504**	**25,119**	**302,202**	**389,969**
tamarack (native)	1,739	(1,067)	(3,168)	(3,133)
Norway spruce	1,806	139	5,051	8,781
white spruce	11,211	6,489	**24,595**	48,649
black spruce	2,050	(1,034)	(5,504)	(10,915)
red spruce	**39,700**	(2,909)	7,829	(20,273)
jack pine	197	123	(742)	33
red pine	8,269	(579)	(1,725)	17,969
eastern white pine	1,519	8,545	12,116	23,899
northern white-cedar	(1,163)	**74,658**	4,861	**58,571**
eastern hemlock	4,966	**27,359**	(1,406)	38,327
red maple	18,165	(3,994)	32,180	47,597
sugar maple	5,228	10,476	(16,740)	(31,455)
yellow birch	**23,124**	9,525	**43,646**	**86,623**
paper birch	(2,522)	(2,651)	7,933	(8,335)
gray birch	0	0	848	848
American beech	(2,987)	4,282	4,275	35
white ash	1,189	4,397	5,608	10,710
black ash	777	483	(2,503)	(187)
eastern hophornbeam	0	0	(127)	(127)
balsam poplar	(1,166)	(4,594)	(1,336)	(26,528)
bigtooth aspen	6,438	3,825	(3,672)	9,847
quaking aspen	6,061	20,220	18,939	39,667
pin cherry	0	0	(389)	(389)
black cherry	0	0	801	801
American basswood	0	0	119	119
American elm	0	0	1,090	1,090
Total	**163,105**	**178,811**	**434,781**	**682,192**

Estimate - Net Growth - 50 Mile Radius Ashland				
Species	Net Growth in Sawlogs (MBF/Year)	Net Growth in Sawlogs Topwood (Cords/Year)	Net Growth in Small Growing Stock (Cords/Year)	Total Net Growth (Cords/Year)
balsam fir	**42,953**	**34,249**	**380,970**	**530,208**
tamarack (native)	2,119	(685)	(1,265)	3,622
Norway spruce	2,082	1,736	9,574	18,143
white spruce	12,263	7,528	29,063	66,524
black spruce	3,154	1,299	3,016	12,932
red spruce	**52,833**	14,403	39,790	183,500
jack pine	197	123	(742)	33
red pine	8,353	2,014	(1,725)	21,555
eastern white pine	1,519	8,545	12,116	23,899
northern white-cedar	840	**84,618**	11,165	98,392
eastern hemlock	5,057	27,600	(1,119)	39,928
red maple	20,701	4,466	**66,562**	**120,279**
sugar maple	8,943	**32,977**	14,520	66,002
yellow birch	24,759	16,482	**60,376**	**129,547**
paper birch	(1,704)	(111)	39,626	35,519
gray birch	0	0	848	848
American beech	(2,802)	5,092	25,747	24,503
white ash	1,397	4,787	9,139	17,074
black ash	777	483	(266)	2,050
eastern hophornbeam	0	0	(127)	(127)
balsam poplar	731	1,255	9,615	12,587
bigtooth aspen	6,792	5,629	6,233	25,727
quaking aspen	7,474	24,123	48,347	89,601
pin cherry	0	0	(389)	(389)
black cherry	0	0	801	801
American basswood	0	0	119	119
American elm	0	0	1,090	1,090
Total	**198,437**	**276,611**	**763,086**	**1,523,967**

Estimate - Removal - 50 Mile Radius Ashland				
Species	Removals in Sawlogs (MBF/Year)	Removals in Sawlogs Topwood (Cords/Year)	Removals in Small Growing Stock (Cords/Year)	Total Removals (Cords/Year)
balsam fir	**4,449**	**9,130**	**78,768**	**140,239**
tamarack (native)	380	382	1,903	6,755
Norway spruce	276	1,597	4,523	9,361
white spruce	1,051	1,039	4,467	17,876
black spruce	1,104	2,334	8,520	23,848
red spruce	**13,133**	**17,312**	**31,961**	**203,774**
jack pine	0	0	0	0
red pine	84	2,593	0	3,587
eastern white pine	0	0	0	0
northern white-cedar	2,002	9,961	6,305	39,821
eastern hemlock	91	241	287	1,601
red maple	2,536	8,459	**34,382**	72,681
sugar maple	**3,714**	**22,500**	31,260	**97,458**
yellow birch	1,635	6,957	16,731	42,924
paper birch	818	2,541	31,693	43,855
gray birch	0	0	0	0
American beech	186	810	21,471	24,468
white ash	208	389	3,531	6,364
black ash	0	0	2,237	2,237
eastern hophornbeam	0	0	0	0
balsam poplar	1,897	5,848	10,952	39,115
bigtooth aspen	355	1,804	9,905	15,880
quaking aspen	1,413	3,903	29,408	49,933
pin cherry	0	0	0	0
black cherry	0	0	0	0
American basswood	0	0	0	0
American elm	0	0	0	0
Total	**35,332**	**97,800**	**328,305**	**841,775**