

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

FISCAL YEAR 2014

TABLE 7

National Forest Land Planted with Known Seed Source

Region	Species	Selective Breeding	Seed Orchard	Select Tree	Seed Production Area	Seed Stand	Seed Zone	Other	Vegetative Material	Total
1	FRPE	0	0	0	0	0	8	0	0	8
	LAOC	59	0	0	0	781	1,152	0	0	1,991
	PIAL	0	0	5	16	130	310	0	0	461
	PICO	131	0	0	0	15	523	0	0	668
	PIEN	0	0	0	0	21	86	0	0	107
	PIMO3	1,173	0	0	0	0	0	0	0	1,173
	PIPO	0	0	0	0	204	1,953	0	0	2,158
	PSME	0	0	0	0	145	662	0	0	806
	THPL	0	0	0	0	0	4	0	0	4
Subtotal, R-1		1,362	0	5	16	1,295	4,697	0	0	7,375
2	PIAL	0	0	0	191	0	0	0	0	191
	PICO	0	88	0	0	80	41	0	0	209
	PIEN	0	82	35	0	0	620	0	0	737
	PIFL2	0	0	5	0	0	0	0	0	5
	PIPO	0	0	0	0	0	1,771	0	0	1,771
	PSME	0	0	0	0	11	62	0	0	73
Subtotal, R-2		0	169	40	191	91	2,494	0	0	2,985
3	PIPO	0	0	0	0	0	998	0	0	998
	PSME	0	0	0	0	0	54	0	0	54
Subtotal, R-3		0	0	0	0	0	1,052	0	0	1,052
4	PIAL	0	0	169	0	0	709	0	0	878
	PIEN	0	0	0	0	0	379	0	0	379
	PIPO	0	0	0	0	0	325	0	0	325
	PSME	0	0	0	0	0	77	0	0	77
Subtotal, R-4		0	0	169	0	0	1,489	0	0	1,658
5	ABCO	0	5	2	1	0	17	0	0	24
	ABMA	0	0	0	1	0	0	0	0	1
	CADE27	0	38	61	0	0	0	0	0	99
	PIJE	0	71	396	81	0	376	60	0	984
	PILA	0	40	143	33	0	0	65	0	281
	PIPO	0	327	451	4	45	1,859	46	0	2,732
	PSME	0	133	197	0	21	0	39	0	390
Subtotal, R-5		0	615	1,249	119	66	2,252	210	0	4,511
6	ABPR	0	0	5	0	0	0	5	0	10
	CADE27	0	0	0	0	0	18	0	0	18
	LAOC	0	0	9	0	48	263	110	0	429
	PIEN	0	0	3	0	8	17	0	0	28
	PIEN2	0	0	0	0	1	0	0	0	1
	PILA	4	0	28	0	0	62	0	0	95

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Region	Species	Selective Breeding	Seed Orchard	Select Tree	Seed Production Area	Seed Stand	Seed Zone	Other	Vegetative Material	Total
	PIMO	0	0	15	0	0	0	0	0	15
	PIMO3	150	304	57	40	0	0	15	0	566
	PIPO	0	0	6,428	7	269	2,114	39	0	8,857
	PISI	0	8	0	0	0	0	0	0	8
	PSME	0	22	783	0	13	226	0	0	1,044
	THPL	0	23	0	0	0	7	12	0	41
	TSHE	0	20	0	0	0	0	0	0	20
	Subtotal, R-6	155	377	7,328	47	339	2,706	181	0	11,132
8	PIEC2	0	1,203	0	0	46	0	89	0	1,338
	PINUS	0	311	0	0	16	0	0	0	327
	PIPA2	0	1,949	153	102	469	366	311	0	3,350
	PITA	0	0	0	0	0	0	104	0	104
	QURU	0	0	0	4	0	44	0	0	48
	Subtotal, R-8	0	3,463	153	106	531	410	504	0	5,167
9	ABBA	0	0	0	0	0	8	5	0	13
	BEAL2	0	0	0	0	0	62	0	0	62
	BEPA	0	0	0	0	0	8	0	0	8
	CEOC	0	0	0	0	0	10	0	0	10
	LALA	0	0	0	0	0	50	0	0	50
	LITU	0	0	0	0	0	0.1	0	0	0.1
	PIBA2	0	86	148	0	0	1,530	188	0	1,952
	PIEC2	0	175	0	113	0	0	0	0	288
	PIGL	0	21	0	0	11	455	68	0	555
	PIMA	0	0	0	0	0	118	3	0	121
	PIRE	0	34	38	0	0	372	266	0	709
	PIST	0	594	17	0	0	767	59	0	1,437
	QUAL	0	0	0	0	0	51	0	0	51
	QUEL	0	0	0	0	0	10	0	0	10
	QUMA2	0	0	0	0	0	9	0	0	9
	QUPA2	0	0	0	0	0	0	509	0	509
	QURU	0	0	0	0	0	105	1	0	106
	QUVE	0	0	0	0	0	105	0	0	105
	SOAM3	0	0	0	0	0	1	0	0	1
	THOC2	0	0	0	0	10	8	3	0	21
	TSCA	0	12	4	0	0	37	30	0	84
	Subtotal, R-9	0	922	207	113	22	3,703	1,132	0	6,098
10		0	0	0	0	0	0	0	0	0
	Subtotal, R-10	0	0	0	0	0	0	0	0	0
	ALL	1,517	5,546	9,151	592	2,344	18,802	2,026	0	39,977
	Percent of Total	3.8	13.9	22.9	1.5	5.9	47.0	5.1	0.0	100.0

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TABLE 8

SILVICULTURAL EXAMINATIONS AND PRESCRIPTIONS

ACRES

Region	Silvicultural Exam Act. 4310-4319	Diagnosis Act. 4320-4329	Prescription Act. 4330-4339
1	40,902	6,834	16,483
2	5,516	0	2
3	3,186	0	2,036
4	29,776	5,426	4,058
5	47	1,967	2,425
6	5,069	616	1,244
8	39,498	0	13,419
9	36,418	0	0
10	12,802	0	4,114
ALL	173,214	14,843	43,781

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TABLE 9

PLANTING

Activity Codes 4430-4449

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	2,254	2,345	0	0	2,034	742	7,375
2	254	2,890	39	0	0	0	1,256	4,439
3	0	1,317	0	0	0	0	172	1,489
4	0	954	145	0	0	684	51	1,834
5	822	3,873	214	0	0	0	1,043	5,952
6	85	12,873	790	0	0	0	3,533	17,281
8	518	1,455	3,274	74	0	0	1,991	7,312
9	1,617	1,782	2,618	0	0	0	1,710	7,727
10	0	0	414	0	0	0	0	414
ALL	3,296	27,398	9,839	74	0	2,718	10,498	53,823

TABLE 10

SEEDING

Activity Codes 4410-4429

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
8	508	0	728	0	0	0	0	1,236
9	21	78	158	0	0	0	1	258
10	100	0	0	0	0	0	0	100
ALL	629	78	886	0	0	0	1	1,594

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TABLE 11

SITE PREPARATION FOR NATURAL REGENERATION

Activity Codes 4490-4499

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	233	0	0	0	277	510
2	0	0	108	0	0	0	1,825	1,933
3	0	1	0	0	0	0	14	15
4	0	1,513	50	0	0	216	222	2,001
5	0	16	0	0	0	0	0	16
6	991	1,951	281	0	0	0	964	4,187
8	3,406	1,442	5,317	0	0	0	124	10,289
9	6,557	1,910	14,801	0	0	0	2,435	25,703
10	0	0	0	0	0	0	0	0
ALL	10,954	6,833	20,790	0	0	216	5,861	44,654

TABLE 11A

NATURAL REGENERATION WITHOUT SITE PREPARATION

Activity Codes 4382

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	10,556	166	0	0	10,244	67	21,033
2	3,861	15,140	2,781	0	0	0	191	21,973
3	0	2,399	526	45	0	0	28	2,998
4	0	6,117	51	0	0	1,832	737	8,737
5	440	2,292	0	0	0	0	1,168	3,900
6	1,596	9,637	0	0	0	0	79	11,312
8	52	42	4	0	0	0	202	300
9	490	218	3,305	0	0	0	164	4,177
10	0	43	639	0	0	0	4	686
ALL	6,439	46,444	7,472	45	0	12,076	2,640	75,116

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TABLE 12

SITE PREPARATION FOR PLANTING OR SEEDING

Activity Codes 4470-4489

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	500	0	35	21	446	1,002
2	45	0	0	0	0	0	44	89
3	0	360	0	0	0	0	6	366
4	0	550	57	0	0	166	67	840
5	1,448	628	1,182	0	0	0	1,104	4,362
6	69	195	259	0	30	0	397	950
8	515	1,885	5,788	0	0	0	2,088	10,276
9	701	292	1,945	0	0	0	485	3,423
10	0	0	0	0	0	0	0	0
ALL	2,778	3,910	9,731	0	65	187	4,637	21,308

TABLE 13

RELEASE AND WEEDING

Activity Codes 4510-4519

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	86	0	0	0	1,091	694	1,871
2	556	300	1,579	0	0	0	6,815	9,250
3	0	88	0	0	0	805	930	1,823
4	0	258	177	0	0	2,676	2,332	5,443
5	921	3,144	270	0	0	0	4,133	8,468
6	19	192	1,180	0	469	0	1,471	3,331
8	19,112	5,982	4,506	0	0	0	5,944	35,544
9	11,421	1,208	701	0	0	0	6,850	20,180
10	0	0	0	0	0	0	0	0
ALL	32,029	11,258	8,413	0	469	4,572	29,169	85,910

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TABLE 14

PRECOMMERCIAL THINNING

Activity Codes 4520-4529

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	1,722	54	0	0	2,834	3,566	8,176
2	2,615	1,736	3,494	390	0	0	9,802	18,037
3	0	1,104	517	0	50	7,417	23,204	32,292
4	0	10	0	0	0	1,139	4,371	5,520
5	996	4,017	1,111	102	0	0	13,077	19,303
6	3,919	1,196	5,730	12	49	0	49,883	60,789
8	6,904	2,459	1,678	0	0	0	323	11,364
9	1,696	603	903	0	0	0	378	3,580
10	4,092	2,749	162	0	0	0	1,939	8,942
ALL	20,222	15,596	13,649	504	99	11,390	106,543	168,003

TABLE 15

PRUNING

Activity Codes 4530-4539

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	91	0	0	0	1,046	2,461	3,598
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	21	0	21
4	0	0	0	0	0	0	0	0
5	0	159	0	0	0	0	12	171
6	46	0	218	0	0	0	666	930
8	0	0	0	0	0	0	0	0
9	894	72	0	0	0	0	0	966
10	0	0	0	0	0	0	295	295
ALL	940	322	218	0	0	1,067	3,434	5,981

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TABLE 16

FERTILIZATION OF ESTABLISHED STANDS

Activity Codes 4550-4559

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	0	0	0	75	199	274
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
8	377	0	26	0	0	0	4	407
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
ALL	377	0	26	0	0	75	203	681

TABLE 17

PRESCRIBED BURNING TO CONTROL UNDERSTORY

Activity Codes 4541

ACRES

Region	NFWW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
8	0	41	1,177	0	0	0	0	1,218
9	0	0	20	0	0	0	0	20
10	0	0	0	0	0	0	0	0
ALL	0	41	1,197	0	0	0	0	1,238

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TABLE 18

ANIMAL CONTROL FOR REFORESTATION

Activity Codes 4460-4469

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	171	442	0	0	153	203	969
2	0	0	35	0	0	0	0	35
3	0	13	0	0	0	0	0	13
4	0	136	982	0	0	230	0	1,348
5	0	826	81	0	0	0	59	966
6	36	355	426	0	0	0	1692	2,509
8	0	0	0	0	0	0	0	0
9	1,280	563	374	0	0	0	16	2,233
10	0	0	0	0	0	0	0	0
ALL	1,316	2,064	2,340	0	0	383	1,970	8,073

TABLE 19

ANIMAL CONTROL FOR TIMBER STAND IMPROVEMENT

Activity Codes 4560-4569

ACRES

Region	NFVW	RTRT	CWKV	CWK2	BDBD	NFRR	Other	Total
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	84	0	0	0	0	0	0	84
6	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	265	1,591	525	0	0	0	1	2,382
10	0	0	0	0	0	0	0	0
ALL	349	1,591	525	0	0	0	1	2,466

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TABLE 20

REGENERATION AND INTERMEDIATE HARVEST ACRES

	Clearcut	Prep cut	Seed cut	Removal cut	Selection cut	Improvement cut	Thinning	Sanitation cut	Special cut	Total
FACTS Code	4110-4119 4162-4177	4120-4129, 4192	4130-4139 4183,4194	4140-4149 4160,4186 4195,4196	4150-4159	4210-4219	4220-4229 4200,	4230-4239	4240-4249	4110-4249
Region										
1	1,385	568	2,205	507	876	2,804	5,648	875	35	14,903
2	1,431	0	2,058	3,423	1,706	48	9,626	2,871	12	21,175
3	299	0	0	0	1,205	60	8,814	4,879	0	15,257
4	287	35	108	0	254	9	1,466	3,868	0	6,027
5	1,740	0	0	0	235	120	12,811	6,156	4	21,066
6	92	15	438	1,331	2,053	467	27,662	493	196	32,747
8	6,452	142	3,012	623	367	1,427	26,146	4,064	72	42,305
9	9,239	186	3,195	1,434	8,245	573	10,145	3,316	385	36,718
10	1,161	0	0	0	1,205	0	0	0	0	2,366
ALL	22,086	946	11,016	7,318	16,146	5,508	102,318	26,522	704	192,564

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TABLE 21

CERTIFICATION OF REFORESTATION AND TIMBER STAND IMPROVEMENT ACREAGES

Region	Reforestation					Timber Stand Improvement					
	Planted	Seeded	Natural Regen W/Site Preparation	Natural Regen W/O Site Preparation	Total Reforestation	Cleaning	Release	Pre. Comm. Thinning	Fertilization	Pruning	Total TSI
1	7,868	0	432	21,033	29,333	0	1,450	6,717	274	2,050	10,491
2	1,382	0	1,880	21,973	25,235	0	4,271	16,589	0	0	20,860
3	899	0	210	2,998	4,107	0	1,222	13,927	0	21	15,170
4	4,007	0	1,462	8,737	14,206	0	3,102	5,382	0	0	8,484
5	857	0	2	3,900	4,759	0	5,148	13,865	0	231	19,244
6	5,941	0	204	11,312	17,457	0	4,070	23,727	0	1,414	29,211
8	1,671	0	2,922	300	4,893	0	27,858	9,210	407	0	37,475
9	6,481	825	6,607	4,177	18,090	0	19,444	1,463	0	1,219	22,126
10	0	0	97	686	783	0	0	5,766	0	0	5,766
ALL	29,106	825	13,816	75,116	118,863	0	66,565	96,646	681	4,935	168,827

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APPENDIX A

Hardwoods

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
0371	BEAL2	yellow birch
0375	BEPA	paper birch
0462	CEOC	common hackberry
0544	FRPE	green ash
0621	LITU	tuliptree
0802	QUAL	white oak
0809	QUEL	northern pin oak
0823	QUMA2	bur oak
0830	QUPA2	pin oak
0833	QURU	northern red oak
0837	QUVE	black oak
0935	SOAM3	American mountain ash

Conifers

Forest Survey Code	USDA-NRCS PLANTS Symbol	Common Name
0012	ABBA	balsam fir
0015	ABCO	white fir
0020	ABMA	California red fir
0022	ABPR	noble fir
0071	LALA	tamarack
0073	LAOC	western larch
0081	CADE27	incense cedar
0093	PIEN	Engelmann spruce
0094	PIGL	white spruce
0095	PIMA	black spruce
0098	PISI	Sitka spruce
0100	PINUS	pine spp.
0101	PIAL	whitebark pine
0105	PIBA2	jack pine
0108	PICO	lodgepole pine
0110	PIEC2	shortleaf pine
0112	PIEN2	Apache pine
0113	PIFL2	limber pine
0116	PIJE	Jeffrey pine
0117	PILA	sugar pine
0119	PIMO3	western white pine
0121	PIPA2	longleaf pine
0122	PIPO	ponderosa pine
0125	PIRE	red pine
0129	PIST	eastern white pine
0131	PITA	loblolly pine
0133	PIMO	singleleaf pinyon
0202	PSME	Douglas-fir
0241	THOC2	northern white cedar
0242	THPL	western red cedar
0261	TSCA	eastern hemlock
0263	TSHE	western hemlock