

Carbon Storage in U.S. Forests, by State, Sub-Region, and Ownership Group

(Date: Current data as of 5 Oct 2010)



Sub region, by State	Area of Forestland (thousand acres)				Total Forest Carbon (million metric tonnes)				Carbon Density (metric tonnes/acre)		
	Total	Ownership Group			Total	Ownership Group			National Forest	Other Public	Private
		National Forest	Other Public	Private		National Forest	Other Public	Private			
U.S. TOTAL	685,989	149,415	107,215	429,359	41,385	10,363	6,766	24,256	69.4	63.1	56.5
NORTH											
Northeast											
Connecticut	1,724	0	475	1,249	125		34	91		71.2	73.1
Delaware	352	0	75	277	26		6	20		76.7	72.9
Maine	17,657	57	1,189	16,411	1,217	5	89	1,122	82.6	75.2	68.4
Maryland	2,493	0	618	1,874	185		46	139		73.9	74.3
Massachusetts	3,019	0	966	2,053	232		73	159		75.5	77.5
New Hampshire	4,803	748	405	3,650	365	62	32	272	82.2	77.9	74.6
New Jersey	2,002	0	981	1,021	135		65	70		65.9	68.8
New York	18,951	18	4,613	14,319	1,409	1	378	1,029	67.9	82.0	71.9
Pennsylvania	16,652	511	4,338	11,804	1,159	42	314	803	82.3	72.4	68.0
Rhode Island	348	0	92	257	25		6	18		70.1	70.7
Vermont	4,588	436	481	3,671	359	37	39	283	84.6	81.6	77.1
West Virginia	11,974	1,023	517	10,434	830	86	39	705	84.5	75.1	67.5
Northeast subtotal	84,565	2,794	14,749	67,022	6,066	233	1,120	4,713	83.4	76.0	70.3
North Central											
Illinois	4,798	298	536	3,964	276	18	35	223	60.3	64.4	56.4
Indiana	4,714	199	549	3,966	281	12	33	236	62.1	59.9	59.6
Iowa	3,033	0	352	2,681	154		20	135		55.9	50.3
Michigan	19,821	2,661	4,843	12,318	1,878	260	457	1,162	97.6	94.3	94.3
Minnesota	17,183	2,600	6,957	7,625	1,598	249	690	659	95.8	99.1	86.4
Missouri	15,397	1,512	1,158	12,727	766	79	60	627	52.0	52.0	49.3
Ohio	8,044	237	838	6,969	537	16	59	462	67.2	70.3	66.3
Wisconsin	16,697	1,432	3,534	11,731	1,462	142	310	1,009	99.4	87.7	86.0
North Central subtotal	89,686	8,938	18,767	61,981	6,952	776	1,663	4,514	86.8	88.6	72.8
TOTAL NORTH	174,252	11,732	33,516	129,004	13,019	1,009	2,783	9,227	86.0	83.0	71.5



Area of Forestland
(thousand acres)

Total Forest Carbon
(million metric tonnes)

Carbon Density
(metric tonnes/acre)

Sub region, by State	Ownership Group				Ownership Group				Ownership Group		
	Total	National Forest	Other Public	Private	Total	National Forest	Other Public	Private	National Forest	Other Public	Private
SOUTH											
Southeast											
Florida	16,897	1,123	4,198	11,577	1,122	75	303	744	66.6	72.2	64.3
Georgia	24,825	847	1,591	22,387	1,578	58	117	1,403	68.2	73.6	62.7
North Carolina	18,584	1,281	1,769	15,534	1,195	90	132	973	70.2	74.9	62.6
South Carolina	12,946	548	943	11,455	823	39	73	711	72.0	76.9	62.1
Virginia	15,815	1,743	1,055	13,018	960	107	72	781	61.7	67.9	60.0
Southeast subtotal	89,067	5,541	9,556	73,970	5,678	369	697	4,612	66.7	72.9	62.3
South Central											
Alabama	22,782	753	726	21,302	1,031	42	39	950	56.3	54.0	44.6
Arkansas	18,681	2,536	1,149	14,996	876	131	68	677	51.6	59.0	45.2
Kentucky	12,369	772	641	10,956	639	48	37	555	61.9	57.5	50.6
Louisiana	14,138	689	1,020	12,429	671	44	59	569	63.3	57.5	45.7
Mississippi	19,622	1,326	976	17,320	903	80	52	771	60.5	52.8	44.5
Oklahoma	7,993	286	529	7,177	301	15	23	264	50.9	43.0	36.8
Tennessee	13,985	694	1,462	11,829	748	45	88	615	64.3	60.5	52.0
Texas	60,183	775	2,884	56,524	2,046	50	100	1,896	63.9	34.7	33.5
South Central subtotal	169,753	7,833	9,388	152,533	7,216	454	465	6,296	57.9	49.6	41.3
TOTAL SOUTH	258,820	13,374	18,943	226,503	12,894	823	1,162	10,908	61.5	61.4	48.2
ROCKY MOUNTAINS											
Great Plains											
Kansas	2,230	0	140	2,090	131		8	123		57.1	59.0
Nebraska	1,330	43	108	1,180	71	2	7	62	43.1	61.1	52.9
North Dakota	714	87	141	486	37	4	7	26	45.8	49.6	53.4
South Dakota	1,862	1,024	228	610	85	45	10	29	44.3	45.3	47.4
Great Plains subtotal	6,136	1,154	617	4,366	324	51	32	241	44.3	51.7	55.1



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(thousand acres)

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(million metric tonnes)

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(metric tonnes/acre)

Sub region, by State	Total	Ownership Group			Total	Ownership Group			Total	Ownership Group		
		National Forest	Other Public	Private		National Forest	Other Public	Private		National Forest	Other Public	Private
Intermountain												
Arizona	18,711	7,714	3,561	7,436	549	255	89	205	33.1	24.9	27.6	
Colorado	22,966	11,098	6,185	5,683	1,040	632	200	208	56.9	32.4	36.6	
Idaho	21,390	16,223	2,356	2,811	1,254	973	131	150	60.0	55.6	53.3	
Montana	25,591	15,400	3,274	6,917	1,356	903	156	298	58.6	47.6	43.0	
Nevada	11,169	3,364	7,593	212	283	92	185	6	27.4	24.4	27.6	
New Mexico	16,687	8,095	2,260	6,332	538	300	55	183	37.1	24.2	28.9	
Utah	18,277	6,277	9,002	2,997	607	271	234	102	43.2	26.0	34.0	
Wyoming	11,449	6,030	3,475	1,943	531	329	133	70	54.5	38.3	35.8	
Intermountain subtotal	146,238	74,201	37,705	34,333	6,160	3,756	1,183	1,221	50.6	31.4	35.6	
ROCKY MOUNTAIN TOTAL	152,375	75,354	38,322	38,698	6,483	3,807	1,215	1,462	50.5	31.7	37.8	
PACIFIC COAST												
Alaska (Southeast only)	15,154	10,697	2,651	1,805	1,529	1,193	196	139	111.6	74.0	77.2	
Pacific Northwest												
Oregon	30,056	14,151	5,049	10,856	2,769	1,390	519	859	98.3	102.8	79.2	
Washington	22,387	8,404	4,339	9,644	2,347	933	586	828	111.0	135.1	85.9	
Pacific Northwest subtotal	52,442	22,554	9,389	20,499	5,116	2,323	1,106	1,687	103.0	117.8	82.3	
Pacific Southwest												
California	32,946	15,704	4,394	12,848	2,344	1,208	304	832	76.9	69.3	64.8	
Hawaii												
Pacific Southwest subtotal	32,946	15,704	4,394	12,848	2,344	1,208	304	832	76.9	69.3	64.8	
PACIFIC COAST TOTAL	100,542	48,955	16,434	35,153	8,990	4,725	1,606	2,659	96.5	97.7	75.6	

Notes:

1. Only forest land is included. For example, rangeland and rocky/barren areas on national forests are not included in area estimates. Blank spaces occur in the "National Forest" carbon columns for States that do not have any national forests.
2. Alaska only includes the southeast coast and does not include the 111 million acres of Interior Alaska because the FIA program does not yet collect plot data there.
3. Hawaii is blank because the FIA inventory was just initiated there the summer of 2010 and field data are not yet available
4. Total carbon includes the following pools: Aboveground (live trees, saplings, and understory vegetation); Belowground (roots of live trees, saplings, and understory vegetation); Deadwood (standing dead trees and down woody material); Forest Floor (litter); and Soil Organic Carbon

Source: Forest Inventory Data Online (FIDO) at <http://www.fia.fs.fed.us>