

**Wood Crosstie Insertions in the United States  
Class 1 Railroads**

<u>Year</u>	<u>Maintenance</u>		<u>Construction</u>		<u>Total US</u>
	<u>Treated</u>				
1921	36,071,989		49,238,665		85,310,654
1922	40,629,943		45,212,085		85,842,028
1923	41,655,616		42,072,140		83,727,756
1924	44,489,687		38,317,244		82,806,931
1925	50,089,966		32,623,486		82,713,452
1926	55,557,706		25,184,662		80,742,368
1927	57,082,993		21,240,053		78,323,046
1928	59,157,540		18,191,677		77,349,217
1929	59,047,380		15,614,898		74,662,278
1930	49,720,080		13,618,718		63,338,798
1931	39,827,791		11,658,836		51,486,627
1932	39,827,791		9,740,686		49,568,477
1933	26,339,516		10,947,221		37,286,737
1934	31,808,339		11,471,548		43,279,887
1935	33,281,314		11,028,740		44,310,054
1936	36,771,977		10,572,700		47,344,677
1937	38,074,542		9,638,791		47,713,333
1938	33,763,225		7,599,601		41,362,826
1939	38,560,767		6,520,855		45,081,622
1940	37,294,505		6,325,583		43,620,088
1941	41,461,514		5,762,542		47,224,056
1942	43,998,249		4,617,774		48,616,023
1943	41,530,190		3,908,953		45,439,143
1944	44,896,765		3,133,803		48,030,568
1945	41,283,127		2,628,567		43,911,694
1946	35,429,179		2,132,725		37,561,904
1947	35,306,588		1,982,329		37,288,917
1948	35,023,897		1,817,734		36,841,631
1949	28,875,256		1,409,577		30,284,833
1950	29,339,992		1,153,572		30,493,564
1951	27,937,644		1,123,779		29,061,423
1952	29,517,264		814,597		30,331,861
1953	28,909,872		898,597		29,808,469

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	<u>Treated</u>	<u>Untreated</u>						
1954	22,382,850	790,761			23,173,611			
1955	23,729,865	419,280			24,149,145			
1956	23,361,156	285,176			23,646,332			
1957	21,919,645	162,610			22,082,255			
1958	15,852,045	177,513			16,029,558			
1959	16,311,010	112,277			16,423,287			
1960	14,236,671	81,952			14,318,623			
1961	11,970,480	48,275			12,018,755			
1962	13,374,881	51,706		1,775,855	15,202,442			
1963	13,600,796	66,183		1,445,761	15,112,740			
1964	14,738,013			1,803,770	16,541,783			
1965	14,755,342			2,143,837	16,899,179			
1966	15,290,109			2,162,327	17,452,436			
1967	15,047,019			2,306,700	17,353,719			
1968	16,993,594			1,856,601	18,850,195			
1969	17,342,935			2,590,005	19,932,940			
1970	18,078,578			1,424,862	19,503,440			
1971	21,517,866			1,044,416	22,562,282			
1972	20,934,491			1,269,648	22,204,139			
1973	18,656,468			1,186,240	19,842,708			
1974	19,460,452			1,630,428	21,090,880			
1975	19,393,409			1,046,721	20,440,130			
1976	24,790,337				24,790,337			
1977	25,363,218				25,363,218			
1978	25,033,738				25,033,738			
1979	24,282,740				24,282,740			
1980	23,691,171				23,691,171			<b>Total US &amp;</b>
1981	23,672,532				23,672,532	<b>Canadian</b>		<b>Canadian</b>
1982	18,522,737				18,522,737	<b>installs</b>		<b>Ties</b>
1983	19,669,768				19,669,768	3,231,063		22,900,831
1984	21,407,915				21,407,915	3,493,705		24,901,620
1985	19,423,207				19,423,207	2,865,089		22,288,296
1986	16,536,819	1,000,892			17,537,711	2,271,247		19,808,958
1987	12,962,362	1,317,347			14,279,709	2,157,303		16,437,012

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	<u>New Treated</u>	<u>Second Hand</u>	<u>Switch/ Bridge</u>	<u>New Treated</u>	<u>Second Hand</u>	<u>Switch/ Bridge</u>	<u>Total US Ties</u>	<u>Total Switch/Bridge</u>	<u>Canadian installs</u>		
1988	11,241,618	1,699,352					12,940,970		2,065,101	15,006,071	
1989	10,619,036	1,645,654					12,264,690		1,626,247	13,890,937	
1990	11,281,034	1,819,242					13,100,276		1,338,484	14,438,760	
1991	10,137,814	1,550,562					11,688,376		959,018	12,647,394	
1992	11,350,655	1,341,436					12,692,091		1,161,751	13,853,842	
1993	11,294,495	987,728					12,282,223		1,205,875	13,488,098	
1994	10,747,598	769,620					11,517,218		1,108,300	12,625,518	
1995	10,553,579	702,127	40,000,454	523,569	6,143	2,864,634	11,785,418	42,865,088	1,052,260	12,837,678	
1996	11,931,324	579,222	40,829,785	684,804	13,234	3,176,548	13,208,584	44,006,333	871,950	14,080,534	
1997	10,839,201	483,180	30,594,197	1,025,176	21,204	1,049,901	12,368,761	31,644,098	1,285,910	13,654,671	
1998	9,401,864	330,248	29,943,455	906,024	87,802	1,857,111	10,725,938	31,800,566	1,383,360	12,109,298	
1999	9,962,197	259,536	27,027,001	803,528	37,005	2,771,516	11,062,266	29,798,517	1,306,140	12,368,406	
				<u>Laid in Replacement - Concrete, Steel, Etc.</u>							
<b>2000</b>	10,142,653	100,414	21,300,904	512,577	47,160	1,508,536	10,802,804	22,809,440	1,050,930	11,853,734	
2001	10,576,404	101,948	25,799,171	355,954	48,381	1,391,561	11,082,687	27,190,732	872,845	11,955,532	
2002	12,335,781	154,670	27,630,764	205,901	469	700,627	12,696,821	28,331,391	955,950	13,652,771	
2003	12,363,447	180,619	28,551,028	212,331	18,493	589,219	12,774,890	29,140,247	1,002,010	13,776,900	
2004	12,468,245	203,876	30,285,385	235,791	1,077	591,255	12,908,989	30,876,640	1,302,587	14,211,576	
2005	12,596,290	207,607	28,292,356	352,770	3,730	694,040	13,160,397	28,986,396	1,779,789	14,940,186	
2006	13,691,989	278,078	28,378,055	324,577	9,129	321,639	14,303,773	28,699,694	1,920,763	16,224,536	
2007	13,117,945	180,004	28,294,539	228,518	1,594	296,316	13,528,061	28,590,855	1,821,147	15,349,208	
2008	14,126,748	312,311	30,965,083	272,823	1,000	388,690	14,712,882	31,353,773	2,360,037	17,072,919	
2009	14,277,662	297,188	33,182,115	185,368	0	431,466	14,760,218	33,613,581	1,753,141	16,513,359	
2010	14,131,673	438,114	33,188,083	159,962	0	362,055	14,729,749	33,550,138	2,086,936	16,816,685	
2011	14,148,012	544,652	34,648,432	223,281	4,098	688,309	14,920,043	35,336,741	2,149,774	17,069,817	
2012	14,813,721	459,254	38,354,083	579,682	0	1,082,314	15,596,248	39,436,397	1,831,435	15,598,079	
2013	14,827,439	295,083	31,188,209	433,311	321,785	4,737	15,449,044	32,117,202	1,983,133	17,432,177	