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Solid Wood Timber Products Consumption in Major End Uses in the United States, 1950–2009

A Technical Document Supporting the Forest Service 2010 RPA Assessment

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Abstract

Solid wood timber products provide important raw materials to the construction, manufacturing, and shipping sectors of the U.S. economy. Nearly all new single-family houses and low-rise multifamily residential structures are wood framed and sheathed. Large amounts of solid wood timber products are also used in the construction of new nonresidential buildings, and in the upkeep and improvement of existing structures. Solid wood is used extensively in various manufactured products, and a large share of manufactured products is shipped on wooden pallets.

In 2009, an estimated 3,903 million cubic feet (ft³) of solid wood timber products were consumed in the United States (Howard 2007). This was just about one-half of the 7,735 million ft³ consumed in 2005, the highest level of consumption in the past 60 years. Included is the consumption of lumber, structural panels, nonstructural panels, and engineered lumber products. Much of this decline is directly attributable to record setting low levels of residential construction and continued relocation of manufacturing offshore to take advantage of labor and material cost savings. Residential repair and remodeling and nonresidential construction helped to keep construction as the overall principal market in the United States for solid wood timber products. In 2009, construction accounted for about 60 % of total timber products consumption.

Depressed new single-family residential construction severely affected consumption of softwood lumber, and to a lesser extent, structural panels. Hardwood lumber, while also affected, was bolstered by continued vigor in the packaging and shipping sectors of the economy.

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Keywords: Production, timber products consumption, softwood lumber, hardwood lumber, structural panels, softwood plywood, oriented strandboard, engineered lumber, housing, nonresidential construction, manufacturing, furniture, shipping, wooden containers, pallets

Conversion Table

English	Conversion factor	SI unit
inch (in.)	25.4	millimeter (mm)
foot (ft)	3.05	meter (m)
square feet (ft ²)	929.03	centimeter ²
cubic feet (ft ³)	0.0283	cubic meter (m ³)
board feet	0.00236	m ³ (nominal)

Cubic foot volumes are based on actual product dimensions. The following conversion factors were used:

Softwood lumber, domestically produced: 16 bf = 1 ft³

Softwood lumber, foreign trade: 12 bf = 1 ft³

Hardwood lumber: 12 bf = 1 ft³

Structural and nonstructural panels: 32 ft² 3/8-in. basis = 1 ft³

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Introduction

Solid wood timber products provide important raw materials to the construction, manufacturing, and shipping sectors of the U.S. economy. Nearly all new single-family houses and low-rise multifamily residential structures are wood framed and sheathed. Large amounts of solid wood timber products are also used in the construction of new nonresidential buildings and in the upkeep and improvement of existing structures. Solid wood is used extensively in various manufactured products, and a large share of manufactured products is shipped on wooden pallets.

In 2009, an estimated 3,903 million cubic feet of solid wood timber products were consumed in the United States (Howard 2007). This is just about one-half of the 7,735 million ft³ consumed in 2005, the highest level of consumption in the past 60 years (Fig. 1). Included are the consumption of lumber, structural panels, nonstructural panels, and engineered lumber products.

This report presents estimates of solid wood timber products consumed in the United States since 1950 in major end-use markets, and is the source of information used for the 2010 Resources Planning Act (RPA) Timber Assessment report. It builds on, updates, and revises data published in the 2000 Timber Assessment, the 2005 Timber Assessment Update, and related studies (Haynes 2003, Haynes and others 2007, McKeever 2002, 2009). A detailed list of references on past solid wood timber end-use studies is included in McKeever (2009). Solid wood timber products are defined here to be lumber (softwood and hardwood), structural panels (softwood plywood, and oriented strand board (OSB)), and nonstructural panels (combined hardwood plywood, particleboard, medium-density fiberboard (MDF), hardboard, and insulation board). Engineered lumber products, (wood I-joists, glued-laminated (glulam) timbers, and structural laminated veneer lumber (LVL), which includes small amounts of parallel strand lumber and oriented strand lumber) are also included. However, because they directly compete with softwood lumber in many markets, and with the exception of LVL are made from existing timber products, consumption estimates are included with softwood

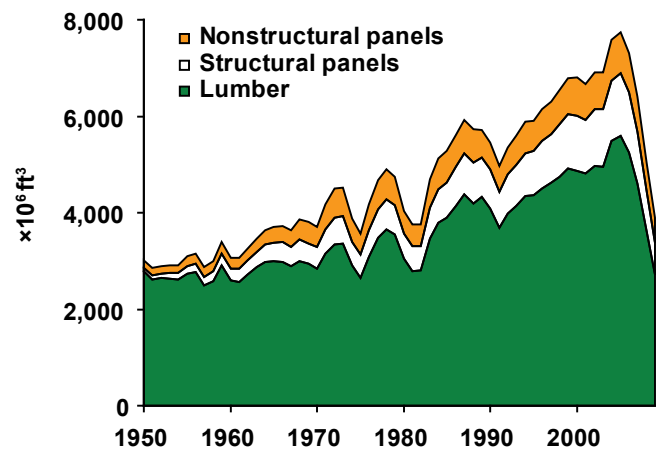


Figure 1. Solidwood timber products consumption in the United States, by product, 1950-2009.

lumber. Unless otherwise indicated, total timber products consumption refers to the consumption of these solid wood products. Throughout this report, solid wood timber products consumption is discussed in terms of major markets (i.e., construction, manufacturing, packaging and shipping, and other uses not captured in specific end-use markets.)

Total solid wood timber products consumption, and consumption by individual wood products are reported in Tables 1 through 8 by each end-use market for the years 1950 through 2009. Wood products consumption for each major end-use market, economic drivers used to define consumption levels, and use per unit of driver activity are reported in Tables 9 through 18.

U.S. Wood Products Consumption

Information on solid wood timber products production and foreign trade is collected annually by governmental agencies and industry associations. This information provides an overall look at how robust the wood-using sectors of the U.S. economy currently are, and how their performance has changed over time (Howard 2007). But it does not provide detailed information specific to individual end-use markets needed to further evaluate changing patterns of

consumption. End-use markets of interest include new single-family, multifamily, and manufactured housing construction, repair and remodeling of existing residential structures, low-rise nonresidential building and other types of nonresidential construction, furniture and other manufactured products production, and packaging and shipping. These end-use markets typically account for 80% to 90% of all solid wood timber products consumption. Studies to evaluate wood products consumption in each of these specific end-use markets have been conducted at irregular intervals by governmental agencies, industry associations, universities, and industry consultants. Each is designed to meet the investigator's goals and budget. It is not uncommon for many years to go by between studies, nor is it uncommon for study procedures to change reducing compatibility between years and between end-use markets.

This study developed consistent consumption estimates across all end-use markets identified above for the period 1950 through 2009 for lumber (softwood and hardwood), structural panels (softwood plywood and OSB), and non-structural panels (hardwood plywood, particleboard, MDF, hardboard, insulation board, and similar wood panel products used primarily for nonstructural applications). Engineered lumber products (prefabricated wood I-joists, glued laminated timber, and structural composite lumber) are typically designed to replace softwood dimension lumber. Since consumption is relatively small, engineered lumber products were converted to board foot equivalents and included with softwood lumber. In 2009, the board foot equivalent of all engineered lumber products consumed was about 6% of domestic softwood lumber consumption.

Estimates of solid wood timber products consumption in major end-use markets reported here are based, in general, on findings from a limited number of public and private research reports conducted at irregular intervals over the past 60 years. Information on wood products use from these reports was related to more readily available, annual economic indicators specific to each particular end-use market to develop end-use factors; i.e., the amount of a specific wood product that was used during the year in which the study was conducted per unit of economic activity. Changes in (1) end-use factors over time, (2) other closely related indicators of consumption in the end-use market, and (3) economic indicators were then used to estimate wood products consumption for years between specific studies.

This approach to estimating end-use consumption is complicated by two factors: a) never have all end-use markets been studied in the same year, and b) there will always be a portion of consumption for which we cannot account based on end-use studies. To balance consumption across all end uses in a specific year, the sum of consumption in all end uses was subtracted from total U.S. consumption to estimate "other" wood-use. If other wood-use was positive and was no more than 20% of total consumption, end-use

consumption was considered balanced for that year. If it was greater than 20%, then consumption was increased in those end uses where no recent study provided newer end-use factors. Conversely, if the sum of all end-use consumption was greater than total U.S. consumption, use factors were adjusted downward in cases in which no recent study of decreased consumption was available until consumption levels in the end-use category "other" fell within the desired range.

Consumption Highlights

Overall, nearly 3,903 million ft³ of solid wood timber products (lumber, structural panels, nonstructural panels, and engineered lumber products) were consumed in 2009 (Table 1, Fig. 1). Solid wood consumption in 2009 was down dramatically from 2005 when 7,735 million ft³ were consumed, 35% more than in 1951, the year with the lowest overall consumption. Much of this decline is directly attributable to record-setting low levels of residential construction, and continued relocation of manufacturing offshore to take advantage of labor and material cost savings. Trends in timber products consumption reflect these developments.

Lumber consumption in 2009 was 38,285 million board feet (bf), one-half of the record set in 2005, and only 4% greater than 1957, the lowest year since 1950 for lumber consumption (Table 2). Softwood species accounted for about 83% of all lumber consumed (Table 3), hardwood lumber 17% (Table 4). Structural panel consumption in 2009 was 20,915 million ft², 3/8-in. basis (ft²), also down by one-half from that in 2005 (Table 5), and the lowest level of consumption since 1983, the year in which OSB consumption began to rise rapidly. Softwood plywood accounted for about 42% of total structural panel consumption in 2009 (Table 6), OSB about 58% (Table 7). Nonstructural panel consumption in 2009 totaled 16,927 million ft² (Table 8).

Construction

Construction is the single largest market for timber products in the United States. The construction of new housing units and their repair and remodeling, new stores, offices, hotels and other nonresidential buildings, highways, dams and other nonresidential nonbuilding structures, and their alterations and renovations required about 60% of all solid wood timber products consumed in the U.S. in 2009 (Table 1, Fig. 2). This is below recent long-term averages, due largely to low levels of residential construction. About 61% of all lumber, 79% of all structural panels, and 41% of all non-structural panels consumed in 2009 were for construction (Tables 2, 5, and 8).

New Residential Construction

The construction of new single-family attached and detached houses, new multifamily apartments, and manufactured housing accounted for 31% of all wood products used in construction in 2009. This is well below the average of

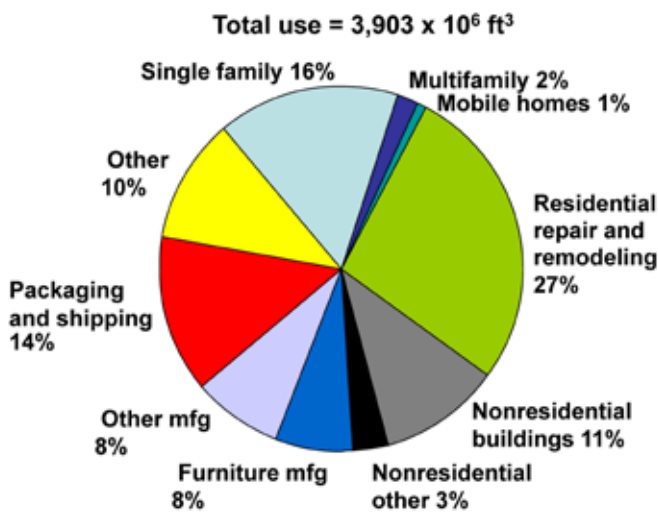


Figure 2. Total timber products consumption, by end use, 2009.

54% in the early to mid 2000s (Table 1). An estimated 7,026 million bf of lumber, 5,744 million ft² of structural panels, and 1,890 million ft² of nonstructural panels were consumed for new residential construction in 2009 (Tables 2, 5, and 8). Single-family houses used 86%, multifamily units used 8%, and manufactured housing used 6% of all wood products in new residential construction in 2009. The average new single-family house used about 13,580 bf of lumber, 11,300 ft² of structural panels, and 3,489 ft² of nonstructural panels in 2009 (Table 9). Over the past 20 years, wood products use per square foot of floor area for all new residential construction has trended downward.

Residential Repair and Remodeling

The upkeep and improvements to residential units in existing housing stock are an important market for timber products. Included are many and varied types of activities, some of which require substantial amounts of timber products, some of which do not. Residential repair and remodeling accounted for 45% of all wood products used in construction in 2009, up considerably from previous years due primarily to reduced new housing construction. In 2009, 11,314 million bf of lumber, 6,022 million ft² of structural panels, and 2,824 million ft² of nonstructural panels were consumed for residential repair and remodeling (Tables 2, 5, and 8). Over the past 20 years, residential repair and remodeling became a more important market for wood-based building products. Prior to 1986, the residential repair and remodeling market for wood products was equivalent to about 45% of the new single-family residential construction market; since then, it has been equivalent to more than 80%. Because of the downturn in new residential construction, wood consumption for repair and modeling has substantially exceeded that for new construction.

Nonresidential Construction

Nonresidential construction is a diverse mixture of new buildings and other structures, their alterations and renovations, and construction that does not include a building or structure as such. Nonresidential buildings include stores, restaurants, office buildings, warehouses, hotels and motels, factories, schools, religious buildings, hospitals, and non-residential farm buildings. Other nonresidential construction includes streets and highways, water and sewer systems, dams, military, conservation and development projects, railroad construction except new and replacement track, and other similar types of nonbuilding construction. An estimated 541 million ft³ of solid wood timber products were used for nonresidential construction in 2009, about 23% of all wood used in construction (Table 1). In 2009, 5,015 million bf of lumber, 4,046 million ft² of structural panels, and 1,847 million ft² of nonstructural panels were consumed for nonresidential construction (Tables 2, 5, and 8).

Buildings, particularly low-rise buildings (with four or fewer stories), are the principal use for wood in nonresidential construction. In 2009 nonresidential buildings accounted for 82% of all wood used for nonresidential construction (Table 1). Other nonresidential construction accounted for 18%.

Manufacturing

Manufacturing industries in the United States produce a variety of products. Some of these products are made entirely from wood, some from combinations of wood and nonwood materials, and many with no wood at all. Many wood and nonwood products require the use of wood jigs, models, patterns, flasks, and other wood products during their production.

Manufactured goods were divided into two major groups: (1) household, commercial, and institutional furniture, and (2) other products. Other products include all North American Industrial Classification System (NAICS) manufacturing industries coded 31, 32, or 33 but exclude furniture and related products manufacturing (NAICS 337), and wood product manufacturing (321). See U.S. Department of Commerce, Bureau of the Census (2010b) for more information on the NAICS manufacturing industry definitions. Although the “Other products” group accounts for more than 96% of all industry shipments, timber products consumption is relatively small; therefore, all manufacturing except for furniture and related products and wood product manufacturing were combined.

Overall manufacturers used 608 million ft³ of wood in 2009 (Table 1). This volume is equivalent to about 11% of the lumber, 11% of the structural panels, and 46% of the nonstructural panels consumed in 2009 (Tables 2, 5, and 8). In recent years, many manufacturing activities have been relocated offshore to take advantage of labor and material

cost savings. This has been especially true for furniture and fixtures manufacturing. Trends in timber products consumption reflect this offshore relocation. In 2009 4,148 million bf of lumber, 2,376 million ft² of structural panels, and 7,355 million ft² of nonstructural panels were consumed for manufacturing. Lumber consumption was particularly hard hit by declines in furniture and fixtures manufacturing, and is currently less than one-half the consumption 10 years prior.

Packaging and Shipping

Packaging and shipping includes pallets, boxes, crates, hampers, baskets, and other wooden containers; and dunnage, blocking, and bracing required in the transportation, handling, and storage of industrial, agricultural, and military products. About 14%, 551 million ft³, of total wood consumption was for packaging and shipping (Table 1). Lumber is the principal wood product (92%) used for packaging and shipping. About 17% of all lumber consumed in the U.S. was for packaging and shipping, while 5% and 2% of lumber consumed was for structural and nonstructural panels, respectively (Tables 2, 5, and 8). This translates into 6,691 million bf of lumber, 1,084 million ft² of structural panels, and 244 million ft² of nonstructural panels consumed for packaging and shipping in 2009. Wooden pallets currently use about 90% of all lumber and 70% of all structural panels used for packaging and shipping.

All Other Uses

In addition to the major end uses discussed above, an estimated 426 million ft³ of solid wood timber products were used in 2009 for other purposes (Table 1). This consisted of 4,090 million bf of lumber, 1,643 million ft² of structural panels, and 2,769 million ft² of nonstructural panels (Tables 2, 5, and 8). Other uses include, but are not limited to, roof supports and other construction in mines; made at home or do it yourself projects such as furniture, boats, and picnic tables; made on the job products such as advertising and display structures; and various other activities not captured elsewhere in this report. Also included are millwork, cabinets, finished flooring, and other nonstructural uses in nonresidential construction. These volumes were estimated by subtracting volumes of timber products consumed in specific end uses from estimated total consumption of each product; other uses also included variances and corrections to timber products consumption. End-use consumption estimates are based on limited studies conducted at irregular intervals over the years. As these studies age, relationships between timber products consumption and major drivers change. These changes affect timber product consumption estimates, which may or may not be reflected until studies are updated. As such, the end-use category “other” likely includes some inestimable quantities of lumber and panel products that properly belong in the construction, manufacturing, or shipping sectors of this report.

Summary and Conclusions

Despite recent major downturns in residential construction, related impacts on other market sectors, and continued relocation of manufacturing offshore, wood products continue to be vital to the strength and well being of the U.S. economy. Prior to 2008, an average of 6,316 million ft³ of solid wood timber products were used annually (Table 1). In 2009, consumption dropped to just 3,903 million ft³. Construction remains the greatest market for wood products, accounting for about 60% of total consumption, about 5 to 6 points below long-term averages. Information on consumption in specific end-use markets provides important insights into the strength of the market, and how factors affecting the market affect consumption.

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Table 1—Total wood products consumption in the United States, by end use, 1950–2009

Year	Residential construction											Nonresidential construction				Manufacturing			Packaging and shipping		Total, all end uses (×10 ⁶ ft ³)
	New housing						Repair and remodeling					Buildings		Total construction		Furniture		Total shipping			
	Consumption (×10 ⁶ ft ³)	New single-family (×10 ⁶ ft ³)	New multi-family (×10 ⁶ ft ³)	New manufactured housing (×10 ⁶ ft ³)	Total (×10 ⁶ ft ³)	Repair and remodeling (×10 ⁶ ft ³)	Total (×10 ⁶ ft ³)	Buildings (×10 ⁶ ft ³)	Other (×10 ⁶ ft ³)	Total construction (×10 ⁶ ft ³)	Furniture (×10 ⁶ ft ³)	Other (×10 ⁶ ft ³)	Total shipping (×10 ⁶ ft ³)	Packaging (×10 ⁶ ft ³)							
1950	3,004	1,147	87	7	1,241	145	1,386	82	80	162	1,548	197	121	318	356	2,222	782				
1951	2,851	882	70	8	959	146	1,106	105	90	195	1,300	245	126	372	355	2,027	824				
1952	2,885	901	68	10	978	169	1,147	111	97	207	1,354	237	134	370	348	2,073	812				
1953	2,908	889	63	9	962	186	1,148	124	105	229	1,377	251	146	398	347	2,122	786				
1954	2,916	1,051	56	9	1,116	192	1,309	133	107	240	1,548	223	133	356	345	2,250	666				
1955	3,093	1,142	55	15	1,212	226	1,438	147	116	262	1,700	240	144	384	346	2,430	663				
1956	3,145	926	52	16	994	249	1,242	157	132	290	1,532	272	141	413	345	2,290	855				
1957	2,866	807	68	16	892	261	1,153	171	140	311	1,464	263	144	407	339	2,210	656				
1958	2,992	930	99	15	1,044	259	1,303	163	148	311	1,615	256	130	385	339	2,339	654				
1959	3,389	1,023	125	19	1,166	311	1,477	169	157	327	1,803	284	135	419	339	2,562	827				
1960	3,059	852	117	16	985	362	1,347	182	155	337	1,684	268	135	403	336	2,423	636				
1961	3,060	867	158	15	1,040	378	1,419	198	158	355	1,774	257	136	393	345	2,512	548				
1962	3,258	902	223	20	1,145	382	1,527	209	167	376	1,903	285	137	422	359	2,684	575				
1963	3,462	954	284	27	1,264	398	1,663	207	179	387	2,050	303	135	438	367	2,854	607				
1964	3,644	963	278	35	1,276	365	1,641	245	184	429	2,071	318	137	455	377	2,903	742				
1965	3,706	1,004	261	41	1,306	398	1,703	278	194	472	2,175	336	145	481	389	3,045	660				
1966	3,719	851	205	43	1,099	406	1,504	289	206	495	1,999	359	150	510	403	2,912	807				
1967	3,629	945	239	48	1,231	395	1,626	263	204	467	2,094	352	148	500	415	3,009	620				
1968	3,854	1,059	335	65	1,459	420	1,879	252	212	464	2,343	354	156	510	425	3,278	576				
1969	3,806	948	353	87	1,388	433	1,821	254	202	455	2,277	368	152	520	440	3,236	570				
1970	3,700	892	304	92	1,288	456	1,744	227	203	430	2,174	340	139	479	452	3,106	595				
1971	4,178	1,290	450	123	1,863	478	2,341	227	203	430	2,771	334	152	486	425	3,682	496				
1972	4,501	1,513	536	147	2,197	492	2,688	235	200	435	3,123	355	176	530	454	4,107	394				
1973	4,522	1,396	463	169	2,028	487	2,515	254	214	468	2,984	359	204	563	512	4,059	463				
1974	3,885	1,113	223	103	1,440	502	1,942	258	206	464	2,406	326	232	557	558	3,521	363				
1975	3,576	1,083	129	69	1,281	542	1,822	224	205	428	2,251	266	228	494	455	3,199	377				
1976	4,168	1,476	171	82	1,730	590	2,320	209	210	419	2,739	278	260	538	461	3,738	430				
1977	4,669	1,866	244	93	2,203	616	2,820	209	199	409	3,228	329	308	637	505	4,370	298				
1978	4,900	1,886	256	99	2,242	710	2,952	247	207	454	3,406	353	323	676	588	4,670	230				
1979	4,741	1,571	249	105	1,925	757	2,682	288	213	501	3,183	352	334	686	625	4,493	248				
1980	4,041	1,092	205	84	1,382	767	2,149	291	214	505	2,654	342	321	664	590	3,907	133				
1981	3,761	894	177	91	1,161	725	1,886	314	187	502	2,388	330	324	653	532	3,573	187				
1982	3,766	841	190	93	1,124	689	1,813	317	172	489	2,302	336	292	629	468	3,399	367				
1983	4,699	1,386	287	123	1,795	718	2,513	276	163	439	2,952	351	288	639	450	4,041	657				
1984	5,127	1,469	292	128	1,889	1,073	2,963	331	176	508	3,470	403	318	721	531	4,723	404				
1984	5,281	1,481	296	128	1,906	1,246	3,152	379	176	554	3,707	412	317	730	495	4,932	350				
1986	5,611	1,660	270	115	2,044	1,423	3,467	357	173	530	3,997	433	296	729	480	5,206	404				
1987	5,929	1,655	226	112	1,994	1,430	3,424	352	165	517	3,941	489	311	800	497	5,238	691				
1988	5,728	1,601	187	108	1,896	1,481	3,377	359	153	511	3,889	502	324	826	489	5,204	524				
1989	5,719	1,489	172	98	1,760	1,430	3,190	364	149	514	3,704	503	317	820	529	5,052	666				
1990	5,452	1,334	137	94	1,565	1,455	3,020	363	144	507	3,527	498	312	810	536	4,872	580				

Table 1—con.

Year	Residential construction															
	New housing						Nonresidential construction			Manufacturing		Packaging and shipping		Total, all end uses		
	Total wood products consumption	New single-family	New multi-family	Manufactured housing	Total	Repair and remodeling	Buildings	Other	Total construction	Furniture	Other	Total	Packaging and shipping			
($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)	($\times 10^6$ ft ³)			
1991	4,962	1,235	81	88	1,403	1,306	307	138	445	3,154	478	299	777	505	4,436	526
1992	5,359	1,515	81	111	1,707	1,368	283	139	421	3,496	522	310	832	487	4,814	545
1993	5,588	1,639	79	140	1,858	1,410	282	132	414	3,682	567	313	880	513	5,075	514
1994	5,884	1,713	121	172	2,007	1,463	293	124	417	3,887	599	327	926	559	5,371	512
1995	5,905	1,510	133	204	1,847	1,380	330	121	451	3,678	641	346	987	562	5,227	678
1996	6,142	1,661	155	219	2,035	1,415	360	113	474	3,924	664	352	1,016	524	5,464	678
1997	6,302	1,648	176	214	2,038	1,356	390	114	504	3,898	652	366	1,017	570	5,485	817
1998	6,546	1,893	179	228	2,300	1,306	409	118	527	4,133	728	375	1,103	589	5,825	720
1999	6,795	1,944	181	230	2,356	1,372	406	120	526	4,254	720	378	1,098	596	5,948	848
2000	6,803	1,856	182	182	2,220	1,439	434	125	560	4,219	695	389	1,084	602	5,905	898
2001	6,672	1,939	185	153	2,277	1,446	416	129	545	4,268	597	352	949	514	5,731	941
2002	6,903	2,032	193	145	2,369	1,554	368	129	497	4,421	559	338	897	527	5,845	1,058
2003	6,912	2,207	194	112	2,513	1,541	354	119	474	4,528	494	336	830	508	5,866	1,045
2004	7,585	2,372	192	127	2,690	1,687	371	117	488	4,866	474	345	819	542	6,228	1,357
2005	7,735	2,557	205	144	2,906	1,748	387	120	508	5,162	424	366	790	565	6,517	1,218
2006	7,311	2,180	198	121	2,498	1,791	433	129	562	4,851	376	374	750	601	6,203	1,108
2007	6,400	1,520	176	90	1,786	1,787	485	131	616	4,189	339	338	677	649	5,515	885
2008	5,033	882	155	69	1,106	1,347	500	125	625	3,078	317	335	653	629	4,359	674
2009 ^a	3,903	623	59	41	724	1,054	443	98	541	2,319	288	319	608	551	3,478	426

^aPreliminary.

Table 2—Total lumber consumption in the United States, by end use, 1950–2009

Year	Residential construction											Nonresidential construction			Manufacturing			Packaging and shipping			Total, all end uses ($\times 10^6$ bf)
	New housing					Repair and remodeling			Buildings			Total construction			Furniture			Other			
	Total consumption ^a ($\times 10^6$ bf)	New single-family ($\times 10^6$ bf)	New multi-family ($\times 10^6$ bf)	New manufactured housing ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)		
1950	40,913	15,716	1,151	79	16,946	1,865	18,811	991	1,014	2,005	20,816	2,257	1,653	3,910	4,375	29,101	11,812	11,812			
1951	38,718	12,039	916	83	13,038	1,858	14,896	1,237	1,135	2,372	17,268	2,768	1,724	4,492	4,359	26,119	12,599	12,599			
1952	39,216	12,298	894	103	13,296	2,144	15,439	1,318	1,229	2,546	17,986	2,671	1,837	4,508	4,343	26,837	12,379	12,379			
1953	38,911	11,944	809	95	12,848	2,308	15,156	1,438	1,326	2,764	17,920	2,789	1,989	4,778	4,327	27,025	11,886	11,886			
1954	38,702	14,095	724	96	14,915	2,374	17,289	1,536	1,351	2,887	20,176	2,455	1,794	4,249	4,311	28,736	9,966	9,966			
1955	40,132	15,026	685	143	15,854	2,715	18,569	1,639	1,432	3,071	21,640	2,588	1,896	4,483	4,296	30,419	9,713	9,713			
1956	40,740	12,091	642	158	12,892	2,962	15,854	1,739	1,624	3,363	19,217	2,912	1,820	4,733	4,280	28,229	12,511	12,511			
1957	36,684	10,517	846	157	11,520	3,095	14,616	1,888	1,719	3,607	18,223	2,797	1,869	4,666	4,264	27,153	9,531	9,531			
1958	37,730	11,956	1,211	140	13,307	3,023	16,330	1,774	1,798	3,572	19,903	2,693	1,647	4,340	4,248	28,490	9,240	9,240			
1959	42,318	12,963	1,500	170	14,634	3,568	18,202	1,795	1,889	3,684	21,886	2,964	1,658	4,621	4,232	30,739	11,579	11,579			
1960	37,741	10,782	1,397	151	12,330	4,146	16,476	1,925	1,866	3,791	20,267	2,798	1,635	4,433	4,216	28,916	8,824	8,824			
1961	37,161	10,908	1,881	136	12,925	4,309	17,234	2,100	1,891	3,992	21,226	2,650	1,651	4,301	4,383	29,909	7,252	7,252			
1962	39,079	11,289	2,641	180	14,110	4,330	18,440	2,205	1,995	4,200	22,640	2,916	1,624	4,540	4,550	31,730	7,349	7,349			
1963	41,149	11,708	3,348	239	15,295	4,486	19,781	2,165	2,135	4,300	24,081	3,066	1,566	4,633	4,617	33,331	7,819	7,819			
1964	42,849	11,659	3,279	309	15,247	4,108	19,356	2,557	2,190	4,747	24,103	3,167	1,585	4,752	4,751	33,606	9,243	9,243			
1965	43,048	11,947	3,075	357	15,379	4,454	19,834	2,892	2,302	5,194	25,028	3,329	1,678	5,007	4,885	34,920	8,128	8,128			
1966	42,795	9,875	2,380	366	12,621	4,476	17,097	2,948	2,426	5,374	22,471	3,474	1,699	5,173	5,053	32,697	10,098	10,098			
1967	41,494	10,905	2,801	413	14,119	4,389	18,508	2,717	2,420	5,136	23,645	3,373	1,670	5,044	5,221	33,909	7,585	7,585			
1968	43,013	11,950	3,900	549	16,398	4,627	21,025	2,591	2,508	5,099	26,124	3,335	1,779	5,113	5,388	36,626	6,387	6,387			
1969	42,228	10,519	4,096	731	15,346	4,749	20,094	2,592	2,380	4,971	25,065	3,431	1,702	5,133	5,556	35,755	6,473	6,473			
1970	40,731	9,717	3,515	764	13,996	4,975	18,971	2,309	2,391	4,700	23,671	3,130	1,540	4,670	5,724	34,065	6,666	6,666			
1971	44,981	13,935	5,149	1,007	20,091	5,171	25,262	2,290	2,376	4,666	29,928	3,069	1,603	4,672	5,368	39,969	5,013	5,013			
1972	47,474	16,209	6,083	1,190	23,482	5,261	28,743	2,369	2,315	4,684	33,427	3,247	1,783	5,031	5,734	44,192	3,283	3,283			
1973	47,981	14,955	5,245	1,368	21,568	5,212	26,780	2,562	2,453	5,015	31,795	3,286	2,006	5,292	6,508	43,595	4,386	4,386			
1974	41,658	11,975	2,539	831	15,345	5,390	20,735	2,612	2,381	4,993	25,728	2,985	2,220	5,204	7,173	38,106	3,552	3,552			
1975	38,408	11,670	1,473	551	13,694	5,819	19,514	2,274	2,358	4,631	24,145	2,443	2,122	4,565	5,890	34,600	3,808	3,808			
1976	44,071	15,706	1,921	653	18,280	6,255	24,535	2,082	2,388	4,470	29,005	2,541	2,323	4,864	5,917	39,786	4,285	4,285			
1977	49,284	19,790	2,727	760	23,277	6,556	29,833	2,092	2,257	4,349	34,182	2,847	2,515	5,362	6,431	45,974	3,310	3,310			
1978	51,491	19,922	2,857	829	23,609	7,581	31,190	2,489	2,346	4,835	36,025	3,035	2,680	5,716	7,505	49,246	2,245	2,245			
1979	50,127	16,603	2,775	901	20,279	8,149	28,428	2,908	2,404	5,312	33,740	3,030	2,823	5,852	7,983	47,575	2,551	2,551			
1980	42,823	11,566	2,301	747	14,614	8,455	23,069	2,947	2,422	5,369	28,438	2,987	2,776	5,763	7,486	41,688	1,135	1,135			
1981	39,336	9,342	1,973	813	12,129	7,967	20,095	3,211	2,112	5,323	25,418	2,849	2,851	5,700	6,857	37,976	1,361	1,361			
1982	39,212	8,611	2,092	824	11,528	7,554	19,081	3,120	1,947	5,067	24,148	2,797	2,498	5,296	5,917	35,361	3,851	3,851			
1983	48,491	14,088	3,150	1,089	18,327	7,841	26,169	2,703	1,821	4,524	30,693	2,870	2,453	5,322	5,623	41,638	6,853	6,853			
1984	52,853	14,860	3,184	1,150	19,194	11,543	30,737	3,198	1,963	5,161	35,898	3,274	2,722	5,996	6,582	48,476	4,377	4,377			
1985	54,107	14,931	3,215	1,160	19,306	13,386	32,692	3,617	1,959	5,577	38,268	3,327	2,746	6,073	6,126	50,467	3,640	3,640			
1986	58,042	16,829	2,955	1,059	20,842	15,441	36,283	3,370	1,940	5,310	41,593	3,491	2,576	6,067	5,902	53,562	4,480	4,480			
1987	61,630	16,816	2,491	1,035	20,343	15,588	35,931	3,348	1,846	5,194	41,125	3,894	2,711	6,605	6,103	53,834	7,796	7,796			
1988	59,375	16,355	2,028	1,000	19,383	16,271	35,654	3,462	1,721	5,183	40,837	3,961	2,845	6,806	6,038	53,681	5,694	5,694			
1989	60,809	15,238	1,850	922	18,010	15,758	33,768	3,559	1,685	5,244	39,012	4,048	2,827	6,876	6,500	52,388	8,421	8,421			
1990	57,669	13,671	1,464	883	16,017	16,111	32,128	3,590	1,626	5,217	37,345	3,979	2,790	6,768	6,597	50,710	6,959	6,959			
1991	52,314	12,602	853	813	14,268	14,435	28,703	3,056	1,561	4,617	33,320	3,697	2,664	6,361	6,238	45,919	6,394	6,394			

Table 2—con.

Year	Residential construction																
	New housing						Repair and remodeling			Nonresidential construction			Manufacturing			Packaging and shipping uses (×10 ⁶ bf)	Total, all end uses (×10 ⁶ bf)
	Total lumber consumption ^a (×10 ⁶ bf)	New single-family (×10 ⁶ bf)	New multi-family (×10 ⁶ bf)	New manufactured housing (×10 ⁶ bf)	Total (×10 ⁶ bf)	Repair and remodeling (×10 ⁶ bf)	Buildings (×10 ⁶ bf)	Other (×10 ⁶ bf)	Total (×10 ⁶ bf)	Furniture (×10 ⁶ bf)	Other (×10 ⁶ bf)	Total (×10 ⁶ bf)	Shipping (×10 ⁶ bf)	Total, all end uses (×10 ⁶ bf)			
1992	56,068	15,337	838	1,026	17,200	15,050	2,814	1,573	4,387	36,638	3,974	2,750	6,724	5,985	49,347	6,721	
1993	57,509	16,485	806	1,277	18,568	15,422	2,808	1,496	4,303	38,293	4,220	2,748	6,968	6,261	51,522	5,987	
1994	60,188	17,293	1,231	1,572	20,096	16,082	2,957	1,410	4,367	40,545	4,406	2,912	7,317	6,854	54,716	5,472	
1995	59,952	15,009	1,308	1,789	18,105	14,984	3,285	1,375	4,659	37,749	4,650	3,049	7,698	6,857	52,305	7,647	
1996	61,785	16,329	1,507	1,945	19,781	15,361	3,619	1,287	4,906	40,048	4,757	3,110	7,867	6,405	54,321	7,465	
1997	63,528	16,119	1,697	1,943	19,758	14,809	3,928	1,296	5,225	39,792	4,608	3,217	7,826	6,984	54,601	8,927	
1998	65,107	18,352	1,712	2,100	22,164	14,108	4,117	1,325	5,442	41,714	5,089	3,286	8,375	7,235	57,324	7,783	
1999	67,604	18,763	1,728	2,097	22,588	14,741	3,963	1,347	5,311	42,640	4,940	3,226	8,166	7,299	58,104	9,500	
2000	66,867	17,767	1,729	1,638	21,134	15,315	4,126	1,397	5,523	41,972	4,637	3,220	7,857	7,355	57,185	9,682	
2001	65,799	18,518	1,759	1,367	21,645	15,294	3,847	1,427	5,274	42,214	4,013	2,878	6,891	6,270	55,375	10,424	
2002	68,016	19,387	1,831	1,291	22,508	16,374	3,307	1,426	4,733	43,615	3,723	2,686	6,409	6,430	56,453	11,563	
2003	68,045	21,090	1,846	1,070	24,006	16,223	3,108	1,317	4,425	44,654	3,295	2,626	5,921	6,179	56,755	11,290	
2004	74,910	22,451	1,813	1,139	25,403	17,538	3,162	1,287	4,449	47,390	3,100	2,578	5,678	6,561	59,630	15,280	
2005	76,659	24,406	1,958	1,330	27,695	18,290	3,317	1,329	4,645	50,630	2,919	2,763	5,682	6,842	63,154	13,506	
2006	72,151	20,776	1,900	1,128	23,805	18,660	3,648	1,425	5,074	47,539	2,616	2,751	5,367	7,234	60,140	12,011	
2007	63,682	14,636	1,732	845	17,213	18,884	4,241	1,439	5,680	41,777	2,391	2,335	4,726	7,848	54,351	9,331	
2008	50,403	8,555	1,551	640	10,746	14,389	4,465	1,400	5,866	31,000	2,259	2,293	4,552	7,640	43,193	7,210	
2009 ^b	38,285	6,046	595	385	7,026	11,314	3,938	1,077	5,015	23,356	2,015	2,133	4,148	6,691	34,194	4,090	

^aIncludes laminated veneer lumber.

^bPreliminary.

Table 3—Softwood lumber consumption in the United States, by end use, 1950–2009

Year	Residential construction											Nonresidential construction				Manufacturing			Packaging and shipping		Total, all end uses (×10 ⁶ bf)
	New housing						Repair and remodeling					Buildings		Other		Total construction (×10 ⁶ bf)	Furniture (×10 ⁶ bf)	Other (×10 ⁶ bf)	Total shipping (×10 ⁶ bf)	Total, all end uses (×10 ⁶ bf)	
	Softwood lumber consumption ^a (×10 ⁶ bf)	New single-family (×10 ⁶ bf)	New multi-family (×10 ⁶ bf)	New manufactured housing (×10 ⁶ bf)	Total (×10 ⁶ bf)	Repair and remodeling (×10 ⁶ bf)	Total (×10 ⁶ bf)	Buildings (×10 ⁶ bf)	Other (×10 ⁶ bf)	Total (×10 ⁶ bf)	Other (×10 ⁶ bf)	Total (×10 ⁶ bf)									
1950	33,366	14,176	1,039	71	15,286	1,810	17,096	894	515	1,409	18,505	493	1,206	1,699	1,803	22,008	11,359				
1951	30,867	10,835	825	75	11,734	1,802	13,537	1,114	567	1,681	15,218	569	1,241	1,810	1,744	18,772	12,096				
1952	31,935	11,177	813	94	12,084	2,085	14,169	1,201	654	1,855	16,023	635	1,400	2,035	1,968	20,026	11,909				
1953	31,629	10,887	737	87	11,711	2,246	13,958	1,315	719	2,035	15,992	683	1,523	2,205	2,031	20,228	11,401				
1954	31,553	12,961	666	88	13,715	2,310	16,025	1,403	728	2,130	18,156	576	1,350	1,927	1,999	22,081	9,472				
1955	32,489	13,781	629	131	14,541	2,640	17,181	1,491	757	2,248	19,429	562	1,403	1,966	1,923	23,318	9,171				
1956	32,689	11,052	587	145	11,784	2,877	14,661	1,575	823	2,397	17,058	577	1,302	1,879	1,981	20,765	11,924				
1957	29,189	9,673	778	145	10,595	3,012	13,608	1,724	911	2,635	16,243	615	1,382	1,997	1,981	20,221	8,967				
1958	29,983	10,967	1,111	128	12,206	2,940	15,146	1,615	935	2,550	17,696	545	1,197	1,742	1,905	21,342	8,641				
1959	33,643	11,819	1,368	155	13,343	3,463	16,806	1,620	939	2,559	19,365	506	1,131	1,637	1,743	22,745	10,898				
1960	29,618	9,950	1,289	140	11,379	4,026	15,405	1,742	938	2,680	18,085	479	1,116	1,596	1,776	21,457	8,161				
1961	29,461	10,113	1,744	126	11,983	4,192	16,175	1,914	989	2,903	19,078	507	1,181	1,688	1,989	22,755	6,707				
1962	30,774	10,532	2,464	168	14,224	4,351	18,576	1,948	1,046	3,000	20,369	491	1,131	1,622	1,933	23,924	6,851				
1963	31,841	10,889	3,114	222	14,224	4,351	18,576	1,948	1,046	3,000	20,369	491	1,131	1,622	1,933	23,924	6,851				
1964	33,390	10,843	3,049	288	14,180	3,985	18,165	2,301	1,051	3,352	21,517	472	1,078	1,550	1,900	24,968	8,422				
1965	33,414	11,121	2,862	332	14,316	4,322	18,638	2,607	1,114	3,722	22,359	507	1,171	1,677	1,892	25,929	7,486				
1966	32,758	9,184	2,213	340	11,737	4,342	16,079	2,653	1,164	3,818	19,897	589	1,155	1,744	1,920	23,561	9,197				
1967	32,005	10,261	2,635	388	13,285	4,260	17,545	2,451	1,175	3,625	21,170	672	1,152	1,824	2,034	25,028	6,977				
1968	34,046	11,305	3,689	519	15,514	4,502	20,016	2,365	1,275	3,640	23,656	876	1,293	2,179	2,386	28,221	5,825				
1969	33,172	9,941	3,871	691	14,503	4,618	19,121	2,360	1,193	3,553	22,674	975	1,205	2,179	2,402	27,255	5,917				
1970	32,192	9,194	3,326	723	13,242	4,841	18,083	2,109	1,213	3,322	21,405	1,006	1,088	2,094	2,540	26,039	6,153				
1971	36,337	13,194	4,875	953	19,023	5,033	24,056	2,095	1,197	3,292	27,348	1,062	1,110	2,173	2,323	31,843	4,494				
1972	38,769	15,514	5,823	1,139	22,476	5,126	27,601	2,176	1,171	3,346	30,948	1,245	1,227	2,472	2,589	36,008	2,760				
1973	38,853	14,321	5,023	1,310	20,654	5,080	25,734	2,356	1,232	3,588	29,322	1,348	1,367	2,714	2,979	35,015	3,838				
1974	32,959	11,490	2,437	797	14,724	5,259	19,983	2,415	1,205	3,620	23,603	1,357	1,507	2,864	3,460	29,928	3,031				
1975	31,065	11,213	1,415	530	13,158	5,683	18,840	2,111	1,179	3,289	22,130	1,208	1,424	2,631	2,936	27,697	3,368				
1976	36,046	15,062	1,843	626	17,531	6,101	23,632	1,924	1,126	3,050	26,682	1,280	1,469	2,749	2,811	32,242	3,804				
1977	40,679	19,141	2,637	736	22,514	6,395	28,909	1,933	1,049	2,982	31,891	1,400	1,638	3,039	2,954	37,884	2,795				
1978	42,556	19,311	2,769	804	22,884	7,407	30,291	2,315	1,142	3,457	33,748	1,581	1,814	3,394	3,704	40,846	1,710				
1979	40,804	16,088	2,689	873	19,651	7,959	27,610	2,702	1,133	3,834	31,444	1,566	1,899	3,465	3,902	38,811	1,993				
1980	33,860	11,181	2,225	722	14,128	8,244	22,372	2,717	1,080	3,797	26,169	1,452	1,814	3,266	3,378	32,813	1,047				
1981	32,044	9,081	1,918	791	11,790	7,800	19,589	3,008	1,061	4,070	23,659	1,590	2,039	3,629	3,693	30,981	1,063				
1982	31,374	8,329	2,024	797	11,150	7,368	18,517	2,879	853	3,732	22,249	1,381	1,647	3,028	2,715	27,992	3,381				
1983	39,958	13,718	3,067	1,061	17,845	7,635	25,480	2,475	756	3,232	28,712	1,335	1,572	2,906	2,271	33,889	6,069				
1984	42,961	14,450	3,096	1,119	18,664	11,224	29,888	2,910	781	3,691	33,579	1,450	1,686	3,136	2,461	39,176	3,785				
1985	44,552	14,525	3,127	1,129	18,781	13,022	31,803	3,298	809	4,106	35,910	1,501	1,721	3,222	2,352	41,484	3,068				
1986	47,741	16,336	2,868	1,028	20,232	14,838	35,069	3,043	784	3,828	38,897	1,448	1,550	2,998	1,983	43,878	3,863				
1987	50,599	16,312	2,417	1,004	19,733	14,964	34,697	3,013	702	3,715	38,412	1,523	1,599	3,123	1,953	43,488	7,112				
1988	48,524	15,873	1,968	970	18,812	15,632	34,444	3,123	664	3,787	38,231	1,539	1,705	3,243	2,005	43,480	5,044				
1989	49,267	14,781	1,795	894	17,470	15,128	32,598	3,203	640	3,843	36,441	1,490	1,668	3,158	2,080	41,679	7,588				
1990	45,981	13,260	1,420	856	15,537	15,466	31,003	3,231	618	3,849	34,852	1,419	1,646	3,065	2,111	40,028	5,953				
1991	41,877	12,235	828	790	13,852	13,874	27,726	2,761	592	3,353	31,079	1,330	1,586	2,916	2,114	36,108	5,769				
1992	45,375	14,890	813	996	16,699	14,465	31,164	2,542	597	3,139	34,303	1,386	1,637	3,023	1,969	39,295	6,080				

Table 3—con.

Year	Residential construction																
	New housing					Repair and remodeling			Nonresidential construction			Total construction (×10 ⁶ bf)	Manufacturing		Packaging and shipping (×10 ⁶ bf)	Total, all end uses (×10 ⁶ bf)	Other (×10 ⁶ bf)
	Softwood lumber consumption ^a (×10 ⁶ bf)	New single-family (×10 ⁶ bf)	New multi-family (×10 ⁶ bf)	New manufactured housing (×10 ⁶ bf)	Total (×10 ⁶ bf)	Total (×10 ⁶ bf)	Buildings (×10 ⁶ bf)	Other (×10 ⁶ bf)	Total (×10 ⁶ bf)	Furniture (×10 ⁶ bf)	Other (×10 ⁶ bf)		Total (×10 ⁶ bf)				
1993	46,024	15,990	782	1,239	18,011	14,805	32,816	2,527	553	3,080	35,896	1,366	1,594	2,960	1,941	40,797	5,227
1994	48,543	16,797	1,196	1,527	19,519	15,467	34,986	2,676	542	3,218	38,204	1,477	1,761	3,238	2,328	43,769	4,774
1995	48,011	14,575	1,270	1,737	17,582	14,407	31,989	2,939	525	3,464	35,453	1,495	1,833	3,328	2,299	41,080	6,931
1996	50,010	15,714	1,450	1,872	19,036	14,782	33,818	3,248	500	3,748	37,566	1,534	1,910	3,444	2,242	43,252	6,758
1997	51,629	15,520	1,634	1,870	19,025	14,259	33,283	3,532	522	4,055	37,338	1,520	2,002	3,523	2,575	43,435	8,193
1998	52,890	17,686	1,649	2,024	21,360	13,596	34,956	3,676	549	4,225	39,181	1,736	2,084	3,821	2,838	45,839	7,050
1999	55,183	18,068	1,664	2,020	21,751	14,195	35,947	3,533	548	4,080	40,027	1,705	2,009	3,714	2,772	46,513	8,670
2000	54,774	17,118	1,666	1,578	20,362	14,755	35,118	3,681	571	4,252	39,370	1,703	2,023	3,726	2,854	45,950	8,825
2001	54,541	17,842	1,695	1,318	20,855	14,597	35,452	3,363	585	3,948	39,400	1,547	1,806	3,354	2,582	45,335	9,206
2002	56,747	18,666	1,763	1,243	21,671	15,613	37,284	2,886	576	3,462	40,745	1,476	1,658	3,134	2,809	46,689	10,058
2003	57,918	20,324	1,779	1,031	23,135	15,487	38,622	2,721	543	3,264	41,886	1,421	1,647	3,067	2,793	47,746	10,171
2004	64,133	21,612	1,745	1,097	24,454	16,718	41,172	2,753	516	3,269	44,441	1,365	1,569	2,934	3,104	50,479	13,654
2005	65,877	23,486	1,885	1,280	26,651	17,429	44,080	2,891	534	3,425	47,505	1,384	1,697	3,080	3,307	53,892	11,984
2006	61,803	20,014	1,830	1,087	22,931	17,805	40,736	3,199	586	3,785	44,521	1,356	1,717	3,073	3,557	51,151	10,653
2007	53,753	14,069	1,669	813	16,551	18,109	34,659	3,806	570	4,377	39,036	1,224	1,779	3,003	3,924	45,963	7,790
2008	41,485	8,242	1,503	614	10,358	13,939	24,297	4,007	620	4,626	28,924	1,119	1,797	2,916	3,755	35,595	5,891
2009 ^b	31,715	5,832	579	374	6,785	11,143	17,928	3,515	598	4,114	22,041	1,052	1,782	2,834	3,257	28,132	3,583

^aIncludes laminated veneer lumber.

^bPreliminary.

Table 4—Hardwood lumber consumption in the United States, by end use, 1950–2009

Year	Residential construction											Nonresidential construction			Packaging and shipping			Total, all end uses ($\times 10^6$ bf)
	Hardwood lumber consumption ($\times 10^6$ bf)					New housing			Repair and remodeling			Nonresidential construction			Manufacturing			
	single-family ($\times 10^6$ bf)	multi-family ($\times 10^6$ bf)	new manufactured housing ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Building and other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Buildings ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Furniture ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Furniture ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Furniture ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	
1950	7,546	1,540	113	8	1,660	55	1,715	97	500	596	2,311	1,763	447	2,211	2,572	7,094	453	
1951	7,851	1,204	92	8	1,304	56	1,360	124	567	691	2,051	2,199	483	2,681	2,615	7,347	503	
1952	7,281	1,121	82	9	1,212	59	1,271	117	575	692	1,962	2,035	438	2,473	2,375	6,811	470	
1953	7,282	1,057	72	8	1,136	61	1,198	123	607	730	1,928	2,107	466	2,573	2,297	6,797	485	
1954	7,149	1,134	58	8	1,200	64	1,264	133	623	757	2,020	1,879	443	2,322	2,313	6,655	494	
1955	7,643	1,245	57	12	1,313	75	1,388	148	675	822	2,211	2,026	492	2,518	2,372	7,101	542	
1956	8,051	1,039	55	14	1,108	85	1,193	164	802	966	2,158	2,335	518	2,853	2,452	7,464	587	
1957	7,495	845	68	13	925	83	1,008	163	808	972	1,980	2,182	487	2,669	2,283	6,932	564	
1958	7,747	989	100	12	1,101	83	1,184	159	863	1,022	2,207	2,148	450	2,598	2,343	7,148	599	
1959	8,676	1,144	132	15	1,291	105	1,396	175	950	1,125	2,521	2,458	526	2,984	2,489	7,994	682	
1960	8,123	832	108	12	951	120	1,071	184	928	1,111	2,183	2,319	518	2,837	2,440	7,460	664	
1961	7,700	794	137	10	941	118	1,059	186	902	1,089	2,148	2,143	470	2,612	2,394	7,155	545	
1962	8,305	758	177	12	947	125	1,071	209	991	1,200	2,272	2,425	493	2,918	2,617	7,807	498	
1963	9,309	820	234	17	1,071	135	1,205	216	1,089	1,305	2,511	2,605	501	3,106	2,770	8,387	921	
1964	9,459	816	230	22	1,067	123	1,191	256	1,139	1,395	2,585	2,695	507	3,202	2,851	8,638	821	
1965	9,634	826	213	25	1,064	132	1,196	285	1,187	1,472	2,668	2,822	508	3,330	2,993	8,991	643	
1966	10,037	691	167	26	883	134	1,018	295	1,262	1,556	2,574	2,885	544	3,429	3,133	9,136	901	
1967	9,489	644	165	24	834	130	964	266	1,245	1,511	2,475	2,701	519	3,220	3,187	8,881	608	
1968	8,967	644	210	30	884	125	1,009	226	1,234	1,459	2,468	2,448	486	2,934	3,003	8,405	562	
1969	9,055	578	225	40	843	130	974	231	1,187	1,418	2,391	2,457	497	2,954	3,154	8,500	556	
1970	8,539	523	189	41	753	134	887	200	1,178	1,378	2,265	2,125	452	2,576	3,184	8,026	513	
1971	8,644	741	274	54	1,069	138	1,206	195	1,179	1,374	2,580	2,006	493	2,499	3,046	8,125	519	
1972	8,706	695	261	51	1,006	135	1,142	193	1,144	1,338	2,479	2,003	556	2,559	3,145	8,183	522	
1973	9,128	634	222	58	914	132	1,046	206	1,221	1,427	2,473	1,938	640	2,578	3,529	8,580	547	
1974	8,699	484	103	34	621	131	751	198	1,176	1,374	2,125	1,628	712	2,340	3,713	8,178	521	
1975	7,343	457	58	22	537	137	673	163	1,179	1,342	2,015	1,235	699	1,934	2,954	6,903	440	
1976	8,025	644	79	27	750	154	904	157	1,262	1,420	2,324	1,261	854	2,115	3,106	7,545	480	
1977	8,606	648	89	25	763	161	924	158	1,208	1,366	2,290	1,447	876	2,323	3,477	8,090	515	
1978	8,935	611	88	25	725	175	899	174	1,205	1,378	2,277	1,455	867	2,321	3,801	8,400	535	
1979	9,323	514	86	28	628	189	818	206	1,271	1,478	2,295	1,463	924	2,388	4,082	8,764	558	
1980	8,963	385	77	25	486	211	697	230	1,342	1,572	2,269	1,535	962	2,497	4,108	8,874	88	
1981	7,292	261	55	23	339	167	506	203	1,050	1,253	1,759	1,259	812	2,070	3,164	6,994	298	
1982	7,838	282	69	27	378	186	564	242	1,094	1,335	1,899	1,416	851	2,268	3,202	7,369	469	
1983	8,533	371	83	29	482	206	688	228	1,065	1,293	1,981	1,535	881	2,416	3,352	7,749	784	
1984	9,892	410	88	32	530	319	849	288	1,182	1,470	2,319	1,824	1,036	2,860	4,121	9,300	592	
1985	9,555	406	87	32	525	364	888	320	1,151	1,470	2,359	1,826	1,025	2,851	3,774	8,983	572	
1986	10,301	493	87	31	611	603	1,214	327	1,155	1,482	2,696	2,043	1,026	3,069	3,919	9,684	617	
1987	11,030	504	75	31	610	624	1,234	335	1,145	1,480	2,713	2,371	1,111	3,482	4,150	10,346	684	
1988	10,851	482	60	29	571	639	1,210	339	1,057	1,396	2,606	2,422	1,140	3,562	4,032	10,201	650	
1989	11,542	457	56	28	540	630	1,171	356	1,045	1,401	2,571	2,559	1,159	3,718	4,420	10,709	833	
1990	11,688	410	44	26	481	644	1,125	359	1,008	1,367	2,492	2,560	1,144	3,704	4,486	10,681	1,006	

Table 4—con.

Year	Residential construction														
	New housing						Nonresidential construction								
	Hardwood lumber consumption ($\times 10^6$ bf)	New single-family ($\times 10^6$ bf)	New multi-family ($\times 10^6$ bf)	New manufactured housing ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Repair and remodeling ($\times 10^6$ bf)	Buildings ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Total construction ($\times 10^6$ bf)	Furniture ($\times 10^6$ bf)	Other ($\times 10^6$ bf)	Total ($\times 10^6$ bf)	Packaging and shipping ($\times 10^6$ bf)	Total, all end uses ($\times 10^6$ bf)
1991	10,437	368	25	24	416	561	295	969	1,264	2,242	2,367	1,079	3,446	4,124	9,811
1992	10,693	447	24	30	502	585	272	977	1,248	2,335	2,588	1,113	3,701	4,016	10,052
1993	11,485	495	24	38	557	617	281	942	1,223	2,397	2,854	1,154	4,009	4,320	10,725
1994	11,645	497	35	45	577	616	280	868	1,149	2,341	2,928	1,151	4,079	4,526	10,947
1995	11,941	434	38	52	523	577	345	850	1,195	2,296	3,155	1,215	4,370	4,558	11,225
1996	11,775	615	57	73	745	579	371	787	1,158	2,482	3,224	1,200	4,423	4,163	11,069
1997	11,900	599	63	72	734	550	396	774	1,170	2,454	3,088	1,215	4,303	4,409	11,166
1998	12,218	666	62	76	804	512	441	776	1,217	2,533	3,352	1,202	4,554	4,397	11,485
1999	12,421	695	64	78	836	546	431	799	1,230	2,613	3,235	1,217	4,452	4,527	11,591
2000	12,093	649	63	60	772	560	445	827	1,271	2,603	2,934	1,197	4,131	4,501	11,235
2001	11,258	676	64	50	790	698	484	842	1,327	2,814	2,465	1,072	3,537	3,689	10,040
2002	11,269	721	68	48	837	761	421	850	1,271	2,869	2,246	1,028	3,275	3,621	9,764
2003	10,127	766	67	39	871	736	387	774	1,161	2,769	1,874	980	2,854	3,386	1,119
2004	10,777	839	68	43	949	819	409	771	1,180	2,949	1,736	1,009	2,745	3,458	9,151
2005	10,782	920	74	50	1,044	861	425	795	1,220	3,125	1,535	1,066	2,601	3,535	9,261
2006	10,348	762	70	41	873	855	449	840	1,289	3,018	1,261	1,034	2,294	3,677	8,989
2007	9,929	567	64	32	663	776	435	869	1,303	2,741	1,167	557	1,723	3,924	8,388
2008	8,918	313	48	26	387	450	459	781	1,239	2,077	1,141	496	1,637	3,885	7,598
2009 ^a	6,569	214	16	12	242	172	422	479	901	1,314	963	351	1,314	3,434	6,062

^aPreliminary.

Table 5—Total structural panel consumption^a in the United States, by end use, 1950–2009

Year	Residential construction											Nonresidential construction					Pack-aging and shipping		Total, all end uses (×10 ⁶ ft ²)
	Total structural consumption (×10 ⁶ ft ²)											Repair and remodeling (×10 ⁶ ft ²)		Total construction (×10 ⁶ ft ²)			Manufacturing (×10 ⁶ ft ²)		
	New housing			Manu-factured housing		Total		Build-ings		Other		Total		Furni-ture	Other	Total	Total	Total	
1950	2,551	1,346	129	18	1,494	271	1,764	223	113	336	2,100	129	34	162	135	2,398	153		
1951	2,867	1,300	129	24	1,453	337	1,790	345	154	499	2,288	191	54	245	162	2,695	172		
1952	3,038	1,360	129	30	1,519	394	1,913	359	170	529	2,442	192	64	256	157	2,856	182		
1953	3,660	1,584	140	32	1,756	504	2,260	455	216	671	2,931	237	94	331	178	3,440	220		
1954	3,897	1,852	124	31	2,007	508	2,516	473	212	685	3,200	201	95	296	167	3,663	234		
1955	5,067	2,409	144	56	2,609	702	3,311	606	265	871	4,182	248	139	388	193	4,763	304		
1956	5,225	2,156	150	68	2,373	842	3,215	705	323	1,028	4,243	297	168	465	203	4,912	314		
1957	5,445	2,023	213	71	2,308	939	3,246	794	367	1,161	4,407	310	194	504	207	5,118	327		
1958	6,328	2,557	339	69	2,965	1,007	3,972	817	412	1,229	5,200	319	211	530	218	5,948	380		
1959	7,756	3,124	473	93	3,690	1,324	5,014	929	468	1,396	6,410	374	274	649	232	7,291	466		
1960	7,814	2,672	452	84	3,208	1,562	4,770	998	466	1,465	6,235	358	296	654	225	7,114	700		
1961	8,576	2,769	624	76	3,469	1,643	5,113	1,077	481	1,558	6,670	349	314	664	218	7,551	1,025		
1962	9,509	2,936	898	101	3,934	1,670	5,604	1,150	500	1,650	7,254	374	356	730	210	8,194	1,315		
1963	10,208	3,256	1,163	135	4,554	1,779	6,333	1,142	537	1,678	8,011	388	372	760	219	8,991	1,217		
1964	11,656	3,456	1,163	176	4,796	1,673	6,469	1,348	559	1,907	8,376	405	391	796	229	9,401	2,255		
1965	12,422	3,764	1,114	205	5,083	1,860	6,944	1,520	599	2,119	9,062	433	426	858	238	10,159	2,602		
1966	13,011	3,556	949	228	4,733	2,065	6,798	1,676	689	2,364	9,163	489	490	979	267	10,409	2,602		
1967	12,876	3,851	1,057	241	5,148	1,922	7,070	1,425	651	2,076	9,146	448	460	908	257	10,311	2,565		
1968	14,641	4,503	1,518	326	6,347	2,094	8,441	1,337	713	2,050	10,491	469	484	953	269	11,713	2,928		
1969	13,510	4,127	1,607	432	6,167	2,170	8,337	1,330	677	2,007	10,344	477	488	965	276	11,585	1,925		
1970	14,228	4,056	1,423	461	5,940	2,348	8,288	1,189	703	1,893	10,181	446	467	913	288	11,382	2,846		
1971	16,539	5,886	2,152	576	8,615	2,454	11,069	1,173	709	1,883	12,951	443	480	923	262	14,136	2,403		
1972	18,109	7,008	2,654	654	10,316	2,541	12,857	1,215	715	1,931	14,788	483	529	1,012	274	16,074	2,035		
1973	17,943	6,616	2,385	721	9,721	2,563	12,284	1,326	858	2,184	14,468	502	598	1,100	305	15,873	2,070		
1974	15,400	5,417	1,202	419	7,039	2,698	9,736	1,347	788	2,134	11,871	472	662	1,134	329	13,334	2,066		
1975	15,336	5,395	725	268	6,388	2,965	9,353	1,161	807	1,967	11,320	398	638	1,036	264	12,621	2,715		
1976	17,816	7,420	984	301	8,705	3,245	11,950	1,085	825	1,910	13,860	422	710	1,132	260	15,252	2,564		
1977	19,197	9,519	1,394	345	11,258	3,330	14,588	1,109	782	1,891	16,479	475	796	1,271	295	18,045	1,152		
1978	19,834	9,443	1,413	358	11,214	3,657	14,871	1,279	805	2,084	16,955	494	847	1,341	348	18,644	1,190		
1979	19,398	8,215	1,405	390	10,010	3,954	13,964	1,571	846	2,417	16,381	505	951	1,457	396	18,234	1,164		
1980	16,455	5,890	1,165	307	7,362	3,764	11,126	1,655	829	2,484	13,610	494	977	1,472	386	15,468	987		
1981	16,686	5,039	1,028	333	6,400	3,607	10,006	1,812	792	2,605	12,611	496	1,044	1,541	378	14,530	2,156		
1982	16,219	4,796	1,094	330	6,220	3,249	9,469	1,959	638	2,597	12,066	479	968	1,446	340	13,853	2,366		
1983	20,670	7,943	1,653	427	10,023	3,352	13,375	1,650	632	2,283	15,657	487	959	1,446	323	17,426	3,244		
1984	22,324	8,475	1,677	444	10,597	3,360	15,957	2,055	670	2,725	18,682	554	1,111	1,664	394	20,740	1,584		
1985	23,366	8,536	1,695	440	10,671	6,130	16,801	2,394	673	3,067	19,869	565	1,150	1,715	380	21,964	1,402		
1986	25,740	9,795	1,568	397	11,759	7,014	18,773	2,430	650	3,080	21,853	591	1,167	1,758	395	24,006	1,734		
1987	27,068	10,177	1,309	455	11,940	7,135	19,075	2,391	603	2,994	22,069	708	1,265	1,974	416	24,458	2,610		
1988	27,110	10,292	1,162	500	11,954	7,504	19,459	2,422	558	2,981	22,439	774	1,355	2,129	419	24,987	2,123		
1989	26,207	9,974	1,102	511	11,587	7,323	18,910	2,459	534	2,992	21,903	840	1,386	2,226	459	24,588	1,619		
1990	26,075	9,304	907	536	10,747	7,545	18,292	2,435	510	2,945	21,237	873	1,403	2,276	475	23,988	2,086		
1991	23,901	8,914	548	541	10,003	6,813	16,816	2,021	489	2,510	19,326	861	1,361	2,222	459	22,007	1,894		

Table 5—con.

Year	Residential construction													
	New housing						Nonresidential construction							
	Total structural consumption ($\times 10^6$ ft ²)	New single-family ($\times 10^6$ ft ²)	New multi-family ($\times 10^6$ ft ²)	New manufactured housing ($\times 10^6$ ft ²)	Total housing ($\times 10^6$ ft ²)	Repair and remodeling ($\times 10^6$ ft ²)	Buildings ($\times 10^6$ ft ²)	Other ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)	Total construction ($\times 10^6$ ft ²)	Manufacturing ($\times 10^6$ ft ²)	Packaging and shipping ($\times 10^6$ ft ²)	Total, all end uses ($\times 10^6$ ft ²)	
1992	26,113	11,108	551	733	12,392	7,056	1,800	478	2,278	21,726	1,417	2,376	444	24,546
1993	27,051	11,921	529	955	13,405	7,007	1,707	424	2,130	22,542	1,408	2,428	457	25,428
1994	28,469	12,519	808	1,231	14,558	7,105	1,684	386	2,069	23,731	1,449	2,534	495	26,761
1995	29,196	12,008	925	1,817	14,751	6,979	1,925	382	2,307	24,037	1,626	2,874	533	27,444
1996	31,590	13,455	1,123	1,830	16,408	7,277	2,091	356	2,448	26,133	1,694	3,045	516	29,694
1997	32,158	13,569	1,318	1,658	16,544	7,192	2,278	380	2,658	26,394	1,773	3,263	571	30,228
1998	34,810	15,707	1,375	1,629	18,711	7,013	2,384	413	2,797	28,520	1,807	3,603	598	32,721
1999	36,127	16,169	1,379	1,717	19,265	7,481	2,555	440	2,995	29,742	1,834	3,583	635	33,959
2000	36,498	15,286	1,359	1,398	18,044	7,874	2,839	465	3,303	29,221	1,631	3,497	657	33,375
2001	35,727	15,669	1,332	1,207	18,208	7,855	2,839	482	3,322	29,384	1,672	2,998	602	32,983
2002	37,360	16,120	1,345	1,161	18,627	8,400	2,624	486	3,111	30,137	1,589	2,828	693	33,658
2003	38,140	17,218	1,313	979	19,510	8,313	2,648	463	3,112	30,934	1,565	2,626	742	34,302
2004	40,120	18,102	1,259	983	20,343	9,108	2,843	450	3,293	32,744	1,591	2,554	870	36,169
2005	41,700	19,245	1,304	1,083	21,632	9,448	3,015	454	3,469	34,549	1,645	2,474	961	37,984
2006	39,761	16,197	1,198	891	18,287	9,830	3,451	499	3,950	32,066	1,686	2,391	1,090	35,548
2007	34,047	11,475	1,069	680	13,224	9,512	3,648	532	4,179	26,916	1,659	2,249	1,203	30,368
2008	26,529	6,950	974	553	8,477	7,479	3,685	490	4,174	20,131	1,806	2,402	1,185	23,718
2009 ^b	20,915	5,031	377	337	5,744	6,022	3,571	475	4,046	15,812	1,809	2,376	1,084	19,272

^a3/8-in. basis.
^bPreliminary.

Table 6—Softwood plywood consumption^a in the United States, by end use, 1950–2006

Year	Residential construction											Nonresidential construction					Manufacturing		Pack-aging and shipping		Total, all end uses (×10 ⁶ ft ²)
	New housing						Repair and remodeling					Total construction					Furni-ture		Total shipping (×10 ⁶ ft ²)	Total, all end uses (×10 ⁶ ft ²)	
	Softwood consumption (×10 ⁶ ft ²)	New single-family (×10 ⁶ ft ²)	New multi-family (×10 ⁶ ft ²)	New manufactured housing (×10 ⁶ ft ²)	Total (×10 ⁶ ft ²)	Repair and remodeling (×10 ⁶ ft ²)	Total (×10 ⁶ ft ²)	Build-ings (×10 ⁶ ft ²)	Other (×10 ⁶ ft ²)	Total (×10 ⁶ ft ²)	Total construction (×10 ⁶ ft ²)	Furni-ture (×10 ⁶ ft ²)	Other (×10 ⁶ ft ²)	Total (×10 ⁶ ft ²)	Total shipping (×10 ⁶ ft ²)						
1950	2,551	1,346	129	18	1,494	271	1,764	223	113	336	2,100	129	34	162	135	2,398	153				
1951	2,867	1,300	129	24	1,453	337	1,790	345	154	499	2,288	191	54	245	162	2,695	172				
1952	3,038	1,360	129	30	1,519	394	1,913	359	170	529	2,442	192	64	256	157	2,856	182				
1953	3,660	1,584	140	32	1,756	504	2,260	455	216	671	2,931	237	94	331	178	3,440	220				
1954	3,897	1,852	124	31	2,007	508	2,516	473	212	685	3,200	201	95	296	167	3,663	234				
1955	5,067	2,409	144	56	2,609	702	3,311	606	265	871	4,182	248	139	388	193	4,763	304				
1956	5,225	2,156	150	68	2,373	842	3,215	705	323	1,028	4,243	297	168	465	203	4,912	314				
1957	5,445	2,023	213	71	2,308	939	3,246	794	367	1,161	4,407	310	194	504	207	5,118	327				
1958	6,328	2,557	339	69	2,965	1,007	3,972	817	412	1,229	5,200	319	211	530	218	5,948	380				
1959	7,756	3,124	473	93	3,690	1,324	5,014	929	468	1,396	6,410	374	274	649	232	7,291	466				
1960	7,814	2,672	452	84	3,208	1,562	4,770	998	466	1,465	6,235	358	296	654	225	7,114	700				
1961	8,576	2,769	624	76	3,469	1,643	5,113	1,077	481	1,558	6,670	349	314	664	218	7,551	1,025				
1962	9,509	2,936	898	101	3,934	1,670	5,604	1,150	500	1,650	7,254	374	356	730	210	8,194	1,315				
1963	10,208	3,256	1,163	135	4,554	1,779	6,333	1,142	537	1,678	8,011	388	372	760	219	8,991	1,217				
1964	11,656	3,456	1,163	176	4,796	1,673	6,469	1,348	559	1,907	8,376	405	391	796	229	9,401	2,255				
1965	12,422	3,764	1,114	205	5,083	1,860	6,944	1,520	599	2,119	9,062	433	426	858	238	10,159	2,602				
1966	13,011	3,556	949	228	4,733	2,065	6,798	1,676	689	2,364	9,163	489	490	979	267	10,409	2,662				
1967	12,876	3,851	1,057	241	5,148	1,922	7,070	1,425	651	2,076	9,146	448	460	908	257	10,311	2,565				
1968	14,641	4,503	1,518	326	6,347	2,094	8,441	1,337	713	2,050	10,491	469	484	953	269	11,713	2,928				
1969	13,510	4,127	1,607	432	6,167	2,170	8,337	1,330	677	2,007	10,344	477	488	965	276	11,585	1,925				
1970	14,228	4,056	1,423	461	5,940	2,348	8,288	1,189	703	1,893	10,181	446	467	913	288	11,382	2,846				
1971	16,539	5,886	2,152	576	8,615	2,454	11,069	1,173	709	1,883	12,951	443	480	923	262	14,136	2,403				
1972	18,109	7,008	2,654	654	10,316	2,541	12,857	1,215	715	1,931	14,788	483	529	1,012	274	16,074	2,035				
1973	17,903	6,597	2,379	719	9,694	2,558	12,253	1,323	856	2,179	14,432	502	598	1,100	305	15,837	2,066				
1974	15,340	5,392	1,197	417	7,006	2,688	9,694	1,339	784	2,123	11,817	472	662	1,134	329	13,280	2,060				
1975	15,266	5,357	720	267	6,344	2,956	9,300	1,154	803	1,957	11,257	398	638	1,036	264	12,558	2,708				
1976	17,736	7,384	979	300	8,663	3,229	11,892	1,077	819	1,896	13,788	422	710	1,132	260	15,180	2,556				
1977	19,107	9,461	1,385	345	11,191	3,322	14,513	1,105	780	1,885	16,398	475	796	1,271	295	17,964	1,143				
1978	19,729	9,373	1,402	357	11,132	3,650	14,781	1,276	803	2,079	16,860	494	847	1,341	348	18,549	1,180				
1979	19,278	8,138	1,392	389	9,919	3,944	13,863	1,566	844	2,410	16,273	505	951	1,457	396	18,126	1,152				
1980	15,997	5,617	1,111	299	7,028	3,719	10,747	1,633	819	2,452	13,199	494	977	1,472	385	15,056	942				
1981	16,096	4,709	961	320	5,990	3,539	9,529	1,775	777	2,552	12,081	496	1,044	1,540	377	13,999	2,097				
1982	15,403	4,365	996	303	5,664	3,178	8,841	1,913	623	2,536	11,377	479	968	1,446	339	13,162	2,241				
1983	18,924	6,976	1,452	375	8,803	3,254	12,056	1,603	614	2,217	14,274	484	956	1,441	321	16,036	2,888				
1984	19,603	6,998	1,385	361	8,744	5,158	13,902	1,972	643	2,615	16,517	549	1,106	1,655	390	18,563	1,040				
1985	19,903	6,483	1,287	328	8,098	5,836	13,934	2,263	637	2,900	16,834	557	1,142	1,698	375	18,908	995				
1986	21,567	7,335	1,174	289	8,797	6,684	15,481	2,277	609	2,887	18,368	582	1,149	1,731	390	20,489	1,078				
1987	22,232	7,726	993	319	9,039	6,526	15,565	2,140	549	2,689	18,254	688	1,239	1,926	409	20,589	1,643				
1988	21,691	7,732	873	337	8,942	6,616	15,558	2,079	494	2,573	18,131	744	1,320	2,064	411	20,606	1,085				
1989	19,991	6,674	738	321	7,733	6,198	13,930	2,013	455	2,469	16,399	799	1,344	2,143	450	18,992	999				
1990	19,344	6,078	592	342	7,012	6,310	13,322	1,969	430	2,399	15,721	831	1,360	2,190	466	18,377	967				

Table 6—con.

Year	Residential construction											Total, all end uses ($\times 10^6$ ft ²)					
	New housing					Repair and remodeling			Nonresidential construction				Manufacturing		Packaging and shipping ($\times 10^6$ ft ²)		
	Softwood plywood consumption ($\times 10^6$ ft ²)	New single-family ($\times 10^6$ ft ²)	New multi-family ($\times 10^6$ ft ²)	New manufactured housing ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)	Buildings ($\times 10^6$ ft ²)	Other ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)	Construction ($\times 10^6$ ft ²)	Furniture ($\times 10^6$ ft ²)		Other ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)			
1991	17,358	5,437	334	338	6,110	5,565	11,675	1,594	403	1,997	13,672	817	1,317	2,134	449	16,255	1,102
1992	17,937	6,273	311	432	7,016	5,578	12,594	1,363	377	1,740	14,335	906	1,366	2,272	433	17,040	897
1993	17,946	6,413	285	556	7,254	5,441	12,695	1,266	325	1,591	14,286	962	1,355	2,318	445	17,049	897
1994	18,474	6,566	424	713	7,702	5,435	13,137	1,227	287	1,514	14,651	1,023	1,394	2,418	482	17,550	924
1995	18,160	5,785	446	996	7,226	5,160	12,387	1,348	268	1,616	14,002	1,173	1,560	2,733	517	17,252	908
1996	18,018	5,718	477	882	7,077	5,070	12,147	1,363	232	1,595	13,742	1,260	1,616	2,876	499	17,117	901
1997	16,519	4,708	483	633	5,824	4,640	10,464	1,387	232	1,618	12,083	1,382	1,678	3,061	550	15,693	826
1998	17,191	5,213	511	565	6,289	4,400	10,689	1,441	249	1,691	12,380	1,679	1,697	3,376	576	16,331	860
1999	17,344	5,039	513	509	6,061	4,653	10,714	1,532	264	1,797	12,511	1,626	1,732	3,358	608	16,477	867
2000	17,148	4,626	493	346	5,465	4,892	10,357	1,706	279	1,985	12,342	1,530	1,776	3,306	642	16,290	858
2001	15,272	4,265	453	219	4,936	4,500	9,437	1,563	267	1,831	11,267	1,200	1,491	2,690	552	14,510	762
2002	15,668	4,375	471	162	5,009	4,928	9,936	1,508	276	1,783	11,720	1,111	1,460	2,571	591	14,881	787
2003	15,602	4,519	468	161	5,148	4,893	10,041	1,507	263	1,771	11,812	964	1,453	2,417	592	14,822	780
2004	16,196	4,509	439	157	5,105	5,432	10,536	1,652	257	1,909	12,446	887	1,493	2,380	653	15,478	718
2005	16,340	4,426	440	155	5,020	5,455	10,475	1,678	249	1,927	12,402	741	1,506	2,247	676	15,326	1,014
2006	14,852	2,909	339	102	3,350	5,647	8,998	1,872	267	2,139	11,137	652	1,587	2,239	729	14,105	747
2007	12,777	1,957	296	77	2,330	5,211	7,542	1,473	279	1,751	9,293	544	1,561	2,106	746	12,144	633
2008	10,375	1,228	280	70	1,577	4,084	5,661	1,135	215	1,350	7,010	553	1,708	2,261	732	10,003	372
2009 ^b	8,741	890	109	43	1,042	3,308	4,350	1,110	210	1,320	5,670	527	1,712	2,239	669	8,578	163

^a3/8-in. basis.

^bPreliminary.

Table 7—OSB consumption^a in the United States, by end use, 1950–2009

Year	Residential construction										Nonresidential construction			Manufacturing		Pack-aging and shipping	Total, all end uses	Other		
	New housing					Repair and remodel-ing		Build-ings			Total con-struction		Furni-ture	Other	Total shipping				Total, all end uses	Other
	OSB consumption	New single-family housing	New multi-family housing	Manu-factured housing	Total	Total	remodel-ing	Total	Build-ings	Other	Total	Other								
1950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1951	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1952	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1953	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1954	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1955	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1956	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1957	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1958	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1959	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1960	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1964	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1966	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1968	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1969	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1970	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1971	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1972	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1973	40	18	7	2	27	4	31	3	5	2	2	5	36	0	0	0	0	4		
1974	60	25	6	2	33	10	43	8	11	4	4	11	54	0	0	0	0	6		
1975	70	38	5	1	44	9	53	7	10	4	4	10	63	0	0	0	0	7		
1976	80	36	5	1	42	16	58	8	14	6	6	14	72	0	0	0	0	8		
1977	90	58	9	1	67	8	75	4	6	2	2	6	81	0	0	0	0	9		
1978	105	70	11	1	82	8	89	3	5	2	2	5	94	0	0	0	0	11		
1979	120	77	13	1	91	10	101	5	7	2	2	7	108	0	0	0	0	12		
1980	458	272	54	8	334	45	379	23	33	10	10	33	411	0	0	0	0	46		
1981	590	330	67	12	409	67	477	38	53	15	15	53	530	0	0	0	0	59		
1982	816	432	98	26	557	71	628	46	61	15	15	61	689	0	0	0	0	125		
1983	1,746	967	201	52	1,220	98	1,318	47	65	18	18	65	1,384	2	2	5	2	356		
1984	2,721	1,477	292	83	1,853	202	2,055	83	109	27	27	109	2,165	4	4	9	3	544		
1985	3,463	2,053	408	113	2,573	295	2,867	131	167	37	37	167	3,035	9	8	17	5	407		
1986	4,173	2,460	394	108	2,962	330	3,292	153	193	41	41	193	3,485	9	18	28	5	655		
1987	4,836	2,451	315	135	2,902	609	3,510	251	305	54	54	305	3,815	21	27	47	6	967		
1988	5,419	2,560	289	163	3,012	889	3,901	343	407	64	64	407	4,308	30	35	65	8	1,038		
1989	6,216	3,300	365	189	3,854	1,126	4,980	445	524	78	78	524	5,504	41	42	83	10	620		
1990	6,731	3,226	314	194	3,735	1,235	4,970	466	546	80	80	546	5,516	43	43	85	10	1,119		
1991	6,544	3,476	214	203	3,893	1,248	5,141	426	513	86	86	513	5,654	44	44	88	10	792		

Table 7—con.

Year	Residential construction																
	New housing						Repair and remodeling			Nonresidential construction			Total construction				
	OSB consumption ($\times 10^6$ ft ²)	New single-family ($\times 10^6$ ft ²)	New multi-family ($\times 10^6$ ft ²)	New manufactured housing ($\times 10^6$ ft ²)	Total housing ($\times 10^6$ ft ²)	Total remodeling ($\times 10^6$ ft ²)	Buildings ($\times 10^6$ ft ²)	Other ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)	Furniture ($\times 10^6$ ft ²)	Other ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)	Packaging and shipping ($\times 10^6$ ft ²)	Total, all end uses ($\times 10^6$ ft ²)			
1992	8,176	4,835	240	301	5,376	1,478	6,854	437	100	537	7,391	54	51	105	11	7,506	670
1993	9,105	5,508	244	399	6,152	1,566	7,717	441	99	539	8,257	58	52	110	12	8,379	726
1994	9,995	5,953	384	518	6,856	1,670	8,526	456	99	555	9,081	62	55	117	14	9,211	784
1995	11,036	6,223	480	822	7,525	1,819	9,343	577	115	691	10,035	75	66	141	16	10,192	844
1996	13,572	7,737	646	948	9,331	2,207	11,539	728	124	852	12,391	91	78	169	17	12,577	994
1997	15,639	8,861	834	1,025	10,720	2,553	13,273	891	149	1,039	14,312	107	95	202	21	14,536	1,104
1998	17,619	10,494	864	1,064	12,422	2,613	15,035	942	163	1,106	16,140	127	100	227	22	16,390	1,229
1999	18,783	11,130	866	1,208	13,204	2,828	16,032	1,022	176	1,199	17,231	123	102	225	27	17,482	1,300
2000	19,350	10,660	866	1,052	12,578	2,982	15,561	1,132	186	1,318	16,879	101	91	192	15	17,085	2,264
2001	20,455	11,404	879	988	13,271	3,354	16,626	1,276	215	1,491	18,117	126	181	307	50	18,474	1,981
2002	21,692	11,745	874	999	13,618	3,472	17,090	1,117	211	1,327	18,417	128	130	258	102	18,777	2,915
2003	22,538	12,699	845	818	14,362	3,419	17,781	1,141	200	1,341	19,122	96	112	208	150	19,480	3,058
2004	23,924	13,593	820	826	15,238	3,676	18,915	1,191	193	1,384	20,298	76	99	174	218	20,691	3,234
2005	25,360	14,819	864	928	16,611	3,993	20,604	1,337	205	1,542	22,147	88	139	227	285	22,659	2,701
2006	24,909	13,288	859	789	14,936	4,183	19,119	1,579	231	1,810	20,929	53	99	152	362	21,443	3,466
2007	21,270	9,519	773	603	10,894	4,301	15,195	2,175	253	2,428	17,623	45	97	143	458	18,224	3,046
2008	16,154	5,722	695	483	6,900	3,395	10,296	2,550	275	2,825	13,120	43	98	141	453	13,715	2,439
2009 ^b	12,174	4,140	268	294	4,702	2,714	7,416	2,461	265	2,726	10,142	40	97	137	415	10,694	1,480

^a3/8-in. basis.

^bPreliminary.

Table 8—Total nonstructural panel consumption^a in the United States, by end use, 1950–2009

Year	Residential construction													Total, all end uses (×10 ⁶ ft ²)		
	Nonstructural panel consumption							Nonresidential construction								
	New housing			Repair and remodeling				Buildings		Total construction		Manufacturing			Packaging and shipping	
Panel consumption (×10 ⁶ ft ²)	New single-family (×10 ⁶ ft ²)	New multi-family (×10 ⁶ ft ²)	New manufactured housing (×10 ⁶ ft ²)	Total (×10 ⁶ ft ²)	Repair and remodeling (×10 ⁶ ft ²)	Total (×10 ⁶ ft ²)	Buildings (×10 ⁶ ft ²)	Other (×10 ⁶ ft ²)	Total (×10 ⁶ ft ²)	Structure (×10 ⁶ ft ²)	Manufacturing (×10 ⁶ ft ²)	Other (×10 ⁶ ft ²)	Total (×10 ⁶ ft ²)	Shipping (×10 ⁶ ft ²)	Packaging (×10 ⁶ ft ²)	
1950	4,613	1,997	209	48	2,254	487	309	40	349	3,091	464	148	612	680	4,382	231
1951	4,628	1,658	180	56	1,894	526	418	48	466	2,886	639	179	819	692	4,397	231
1952	4,664	1,652	172	68	1,892	591	421	51	473	2,956	658	184	842	631	4,429	235
1953	5,141	1,745	169	68	1,983	692	493	60	554	3,228	793	223	1,016	639	4,883	258
1954	5,490	2,094	154	70	2,318	723	535	62	597	3,638	738	218	956	601	5,195	295
1955	6,459	2,384	155	113	2,652	882	610	69	680	4,214	855	265	1,121	590	5,925	534
1956	6,590	1,918	146	125	2,189	962	649	77	726	3,877	983	275	1,259	538	5,673	917
1957	6,271	1,668	192	125	1,985	1,004	689	83	771	3,760	1,017	283	1,300	485	5,546	725
1958	6,775	1,896	274	111	2,282	980	648	85	733	3,995	1,003	269	1,272	433	5,700	1,075
1959	7,836	2,055	340	137	2,531	1,156	664	87	751	4,439	1,111	302	1,413	381	6,233	1,603
1960	6,879	1,709	316	122	2,147	1,342	705	86	791	4,281	1,041	310	1,351	329	5,961	918
1961	7,265	1,728	426	110	2,264	1,394	754	88	842	4,501	1,113	315	1,428	277	6,206	1,059
1962	7,994	1,788	598	146	2,532	1,400	799	91	890	4,822	1,237	343	1,580	225	6,627	1,367
1963	8,733	2,160	754	203	3,118	1,456	816	94	910	5,484	1,405	362	1,767	236	7,488	1,245
1964	9,766	2,460	736	275	3,471	1,339	810	94	1,087	5,897	1,595	385	1,980	248	8,125	1,640
1965	10,438	2,842	687	332	3,861	1,457	816	97	1,254	6,572	1,716	423	2,139	259	8,969	1,469
1966	10,687	2,619	529	354	3,502	1,469	816	99	1,324	6,295	2,085	457	2,541	270	9,107	1,581
1967	10,948	3,194	620	415	4,229	1,446	816	97	1,264	6,939	2,213	466	2,679	281	9,899	1,049
1968	12,990	3,836	860	572	5,268	1,529	816	100	1,227	8,025	2,450	489	2,939	293	11,256	1,734
1969	14,054	3,677	899	788	5,365	1,575	816	91	1,278	8,218	2,690	504	3,194	304	11,716	2,339
1970	13,402	3,678	768	852	5,299	1,655	816	89	1,190	8,144	2,648	480	3,128	315	11,587	1,815
1971	16,537	5,269	1,096	1,176	7,542	1,734	816	94	1,176	10,452	2,636	691	3,327	275	14,054	2,483
1972	19,119	6,121	1,260	1,452	8,833	1,779	1,049	98	1,201	11,814	2,847	960	3,806	272	15,892	3,227
1973	19,065	5,641	1,055	1,738	8,434	1,778	1,200	104	1,304	11,516	2,930	1,294	4,224	285	16,025	3,040
1974	15,711	4,511	496	1,097	6,104	1,854	1,249	111	1,360	9,319	2,726	1,652	4,377	288	13,984	1,727
1975	14,023	4,391	278	755	5,425	2,020	1,116	114	1,230	8,675	2,274	1,789	4,063	215	12,952	1,071
1976	17,119	5,902	351	926	7,180	2,190	1,079	117	1,196	10,566	2,383	2,200	4,583	195	15,344	1,775
1977	18,949	6,921	465	955	8,340	2,084	972	102	1,074	11,499	3,155	3,155	6,310	194	18,002	947
1978	19,876	6,965	489	993	8,447	2,356	1,096	108	1,204	12,007	3,462	3,192	6,654	222	18,883	994
1979	18,569	5,653	463	1,003	7,119	2,411	1,210	106	1,316	10,846	3,431	3,138	6,569	225	17,640	928
1980	15,345	3,738	362	746	4,846	2,301	1,134	97	1,231	8,377	3,215	2,791	6,006	194	14,578	767
1981	14,446	3,094	315	787	4,197	2,153	1,158	90	1,248	7,598	3,244	2,705	5,949	177	13,724	722
1982	14,795	3,161	367	838	4,367	2,196	1,240	87	1,327	7,889	3,482	2,521	6,003	163	14,055	740
1983	19,139	5,272	570	1,092	6,934	2,300	1,127	80	1,207	10,442	3,720	2,449	6,169	160	16,771	2,367
1984	20,345	5,491	575	1,102	7,168	3,313	1,349	85	1,435	11,916	4,274	2,582	6,856	183	18,954	1,390
1985	20,868	5,412	580	1,063	7,055	3,761	1,517	87	1,603	12,420	4,416	2,438	6,854	165	19,439	1,430
1986	21,271	6,048	532	928	7,508	4,251	1,425	85	1,510	13,269	4,633	2,157	6,789	150	20,208	1,062
1987	22,543	5,760	449	858	7,067	4,237	1,389	79	1,467	12,771	5,272	2,239	7,512	152	20,434	2,109
1988	22,274	5,318	402	780	6,500	4,365	1,393	73	1,466	12,331	5,506	2,295	7,801	146	20,278	1,996
1989	18,520	4,221	347	608	5,175	3,760	1,262	63	1,324	10,260	5,170	2,026	7,196	138	17,594	926
1990	17,552	3,540	286	540	4,366	3,771	1,232	59	1,290	9,428	5,163	1,948	7,112	135	16,675	878
1991	16,732	3,242	185	492	3,919	3,544	1,076	60	1,136	8,599	5,243	1,922	7,165	131	15,896	837

Table 8—con.

Year	Residential construction															
	Nonstructural panel construction						Residential construction						Total, all end uses			
	New housing			Repair and remodeling			Nonresidential construction			Total construction						
($\times 10^6$ ft ²)	New single-family ($\times 10^6$ ft ²)	New multi-family ($\times 10^6$ ft ²)	Manu-factured housing ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)	Repair and remodeling ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)	Build-ings ($\times 10^6$ ft ²)	Other ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)	Furni-ture ($\times 10^6$ ft ²)	Other ($\times 10^6$ ft ²)	Total ($\times 10^6$ ft ²)	Pack-aging and shipping ($\times 10^6$ ft ²)			
1992	17,895	3,698	193	579	4,471	3,596	8,067	973	1,032	9,099	5,816	1,962	7,779	123	17,000	895
1993	19,204	3,783	201	685	4,669	3,666	8,335	983	1,039	9,374	6,485	2,006	8,491	128	17,993	1,212
1994	20,750	3,604	320	766	4,690	3,662	8,352	992	1,045	9,397	6,971	2,043	9,014	133	18,545	2,205
1995	20,001	2,396	383	657	3,436	3,260	6,696	1,100	1,145	7,841	7,483	2,093	9,575	126	17,542	2,459
1996	20,930	2,676	427	758	3,861	3,184	7,045	1,135	1,180	8,226	7,841	2,062	9,902	110	18,238	2,692
1997	21,816	2,711	465	799	3,975	2,714	6,689	1,210	1,254	7,943	7,710	2,194	9,904	120	17,968	3,848
1998	22,663	3,166	454	909	4,529	2,710	7,239	1,242	1,285	8,525	8,634	2,291	10,926	125	19,575	3,087
1999	24,005	3,536	495	903	4,934	3,009	7,943	1,330	1,377	9,321	8,812	2,508	11,320	136	20,776	3,230
2000	25,379	3,745	549	721	5,014	3,399	8,414	1,575	1,630	10,044	8,952	2,825	11,777	151	21,972	3,407
2001	23,848	4,030	570	569	5,169	3,405	8,574	1,546	1,604	10,178	7,683	2,644	10,327	140	20,644	3,204
2002	24,459	4,526	630	529	5,684	3,795	9,479	1,480	1,541	11,020	7,302	2,708	10,010	143	21,174	3,286
2003	24,484	5,209	665	166	6,040	3,859	9,899	1,479	1,539	11,438	6,535	2,833	9,369	144	20,950	3,533
2004	27,199	6,130	714	456	7,300	4,474	11,774	1,651	1,713	13,486	6,445	3,183	9,628	168	23,282	3,917
2005	26,889	6,586	754	479	7,819	4,467	12,286	1,657	1,716	14,002	5,498	3,351	8,848	170	23,020	3,869
2006	26,029	5,997	775	397	7,169	4,721	11,890	1,922	1,988	13,878	4,871	3,632	8,502	256	22,636	3,393
2007	23,262	3,986	626	285	4,897	4,852	9,749	2,134	2,202	11,951	4,393	3,656	8,049	277	20,276	2,986
2008	18,874	2,179	530	220	2,928	3,547	6,476	2,202	2,275	8,751	4,043	3,621	7,665	268	16,683	2,191
2009 ^b	16,927	1,553	203	133	1,890	2,824	4,714	1,777	1,847	6,560	3,787	3,567	7,355	244	14,159	2,769

^a3/8-in. basis.

^bPreliminary.

Table 9—con.

Year	Starts ^b (1,000)	Average floor area ^b (ft ²)	Lumber												Structural panels ^a								
			Total lumber			Softwood lumber			Hardwood lumber			Total structural panels			Softwood plywood			OSB ^b			Nonstructural panels ^a		
			Total use	Per unit	Per ft ²	Total use	Per unit	Per ft ²	Total use	Per unit	Per ft ²	Total use	Per unit	Per ft ²	Total use	Per unit	Per ft ²	Total use	Per unit	Per ft ²	Total use	Per unit	Per ft ²
			(×10 ⁶ bf)	(bf)	(bf)	(×10 ⁶ bf)	(bf)	(bf)	(×10 ⁶ bf)	(bf)	(bf)	(×10 ⁶ ft ²)	(ft ²)	(ft ²)	(×10 ⁶ ft ²)	(ft ²)	(ft ²)	(×10 ⁶ ft ²)	(ft ²)	(ft ²)	(×10 ⁶ ft ²)	(ft ²)	(ft ²)
1992	1,030	2,095	15,337	7,108	14,892	97	14,890	14,458	447	434	11,108	5,100	10,786	56	6,273	6,091	4,835	4,695	3,698	1,714	3,591		
1993	1,126	2,095	16,485	6,990	14,644	97	15,990	14,205	495	439	11,921	5,192	10,590	54	6,413	5,697	5,508	4,893	3,783	1,604	3,361		
1994	1,198	2,100	17,293	6,872	14,430	97	16,797	14,016	497	414	12,519	5,284	10,446	52	6,566	5,479	5,953	4,967	3,604	1,432	3,007		
1995	1,076	2,095	15,009	6,657	13,946	97	14,575	13,543	434	403	12,008	5,375	11,158	48	5,785	5,375	6,223	5,783	2,396	1,063	2,226		
1996	1,161	2,120	16,329	6,635	14,066	96	15,714	13,536	615	530	13,455	5,467	11,590	42	5,718	4,925	7,737	6,665	2,676	1,087	2,305		
1997	1,134	2,150	16,119	6,613	14,218	96	15,520	13,690	599	528	13,569	5,554	11,968	35	4,708	4,153	8,861	7,816	2,711	1,112	2,391		
1998	1,271	2,190	18,352	6,591	14,434	96	17,686	13,911	666	524	15,707	5,641	12,354	33	5,213	4,100	10,494	8,254	3,166	1,137	2,490		
1999	1,302	2,223	18,763	6,481	14,406	96	18,068	13,873	695	533	16,169	5,499	12,415	31	5,039	3,869	11,130	8,546	3,536	1,221	2,715		
2000	1,231	2,266	17,767	6,370	14,434	96	17,118	13,907	649	527	15,286	5,357	12,419	30	4,626	3,759	10,660	8,660	3,745	1,343	3,042		
2001	1,273	2,324	18,518	6,259	14,547	96	17,842	14,016	676	531	15,669	5,214	12,309	27	4,265	3,350	11,404	8,959	4,030	1,362	3,166		
2002	1,359	2,320	19,387	6,149	14,265	96	18,666	13,735	721	531	16,120	5,072	11,862	27	4,375	3,219	11,745	8,642	4,526	1,435	3,330		
2003	1,499	2,330	21,090	6,038	14,069	96	20,324	13,558	766	511	17,218	4,930	11,487	26	4,519	3,015	12,699	8,472	5,209	1,491	3,475		
2004	1,611	2,349	22,451	5,933	13,936	96	21,612	13,415	839	521	18,102	4,806	11,236	25	4,509	2,799	13,593	8,437	6,130	1,620	3,805		
2005	1,716	2,434	24,406	5,843	14,223	96	23,486	13,687	920	536	19,245	4,681	11,215	23	4,426	2,579	14,819	8,636	6,586	1,577	3,838		
2006	1,465	2,469	20,776	5,742	14,178	96	20,014	13,658	762	520	16,197	4,557	11,053	18	2,909	1,985	13,288	9,068	5,997	1,658	4,092		
2007	1,046	2,521	14,636	5,550	13,992	96	14,069	13,450	567	542	11,475	4,433	10,971	17	1,957	1,871	9,519	9,100	3,986	1,512	3,811		
2008	622	2,519	8,555	5,460	13,754	96	8,242	13,250	313	504	6,950	4,308	11,174	18	1,228	1,974	5,722	9,200	2,179	1,391	3,503		
2009 ^c	445	2,438	6,046	5,570	13,580	96	5,832	13,100	214	480	5,031	4,200	11,300	18	890	2,000	4,140	9,300	1,553	1,431	3,489		

^a3/8-in. basis.

^bU.S. Department of Commerce, Bureau of the Census 2010a.

^cPreliminary.

Table 10—con.

Year	Starts ^b (1,000)	Lumber										Structural panels ^a																								
		Total lumber					Softwood lumber					Hardwood lumber					Total structural panels					Softwood plywood					OSB					Nonstructural panels ^a				
		Average floor area ^b		Total use		Per unit		Total use		Per unit		Total use		Per unit		Total use		Per unit		Total use		Per unit		Total use		Per unit		Total use		Per unit		Total use		Per unit		
		(ft ²)	(×10 ⁶ bf)	(×10 ⁶ bf)	(×10 ⁶ bf)	(bf)	(bf)	(%)	(×10 ⁶ bf)	(bf)	(bf)	(×10 ⁶ bf)	(×10 ⁶ bf)	(bf)	(bf)	(%)	(×10 ⁶ ft ²)	(ft ²)	(ft ²)	(×10 ⁶ ft ²)	(ft ²)	(ft ²)	(%)	(×10 ⁶ ft ²)	(ft ²)	(ft ²)	(×10 ⁶ ft ²)	(ft ²)	(ft ²)	(%)	(×10 ⁶ ft ²)	(ft ²)	(ft ²)			
1994	259	1,035	1,231	4,601	4,762	97	1,196	4,625	35	137	808	3,020	3,125	52	424	1,639	384	1,486	320	1,197	1,239															
1995	278	1,080	1,308	4,358	4,707	97	1,270	4,571	38	136	925	3,084	3,331	48	446	1,605	480	1,726	383	1,278	1,380															
1996	316	1,070	1,507	4,456	4,768	96	1,450	4,588	57	180	1,123	3,322	3,554	42	477	1,511	646	2,044	427	1,263	1,351															
1997	340	1,095	1,697	4,554	4,986	96	1,634	4,801	63	185	1,318	3,536	3,872	37	483	1,421	834	2,451	465	1,248	1,366															
1998	346	1,065	1,712	4,651	4,954	96	1,649	4,774	62	180	1,375	3,737	3,980	37	511	1,480	864	2,499	454	1,233	1,313															
1999	339	1,104	1,728	4,623	5,104	96	1,664	4,915	64	189	1,379	3,690	4,074	37	513	1,515	866	2,559	495	1,325	1,463															
2000	338	1,114	1,729	4,595	5,119	96	1,666	4,932	63	187	1,359	3,612	4,024	36	493	1,460	866	2,564	549	1,458	1,624															
2001	329	1,171	1,759	4,567	5,348	96	1,695	5,153	64	195	1,332	3,457	4,048	34	453	1,376	879	2,672	570	1,480	1,733															
2002	346	1,166	1,831	4,539	5,292	96	1,763	5,095	68	197	1,345	3,335	3,889	35	471	1,362	874	2,527	630	1,561	1,820															
2003	349	1,173	1,846	4,510	5,291	96	1,779	5,099	67	192	1,313	3,208	3,763	36	468	1,341	845	2,421	665	1,623	1,904															
2004	345	1,173	1,813	4,480	5,255	96	1,745	5,059	68	196	1,259	3,110	3,648	35	439	1,273	820	2,376	714	1,764	2,070															
2005	352	1,247	1,958	4,462	5,564	96	1,885	5,354	74	210	1,304	2,971	3,705	34	440	1,250	864	2,455	754	1,719	2,143															
2006	336	1,277	1,900	4,435	5,663	96	1,830	5,455	70	208	1,198	2,797	3,571	28	339	1,011	859	2,561	775	1,808	2,309															
2007	309	1,300	1,732	4,312	5,606	96	1,669	5,400	64	206	1,069	2,661	3,459	28	296	959	773	2,500	626	1,557	2,025															
2008	284	1,250	1,551	4,376	5,470	97	1,503	5,300	48	170	974	2,749	3,437	29	280	987	695	2,450	530	1,495	1,868															
2009 ^e	109	1,225	595	4,444	5,444	97	579	5,300	16	144	377	2,816	3,450	29	109	1,000	268	2,450	203	1,519	1,861															

^a3/8-in. basis.

^bU.S. Department of Commerce, Bureau of the Census 2010a.

^cPreliminary.

Table 11—Wood products consumption for manufactured housing construction in the United States, 1950–2009

Year (1,000)	Shipments ^b floor area ^b (ft ²)	Lumber																			
		Total lumber				Softwood lumber				Hardwood lumber				Structural panels ^a							
		Total use (×10 ⁶ bf)	Per unit use (bf)	Per unit use (bf)	Total (%)	Total use (×10 ⁶ bf)	Per unit use (bf)	Per unit use (bf)	Total (%)	Total use (×10 ⁶ bf)	Per unit use (bf)	Per unit use (bf)	Total (%)	Total use (×10 ⁶ ft ²)	Per unit use (ft ²)	Per unit use (ft ²)	Total (%)	Total use (×10 ⁶ ft ²)	Per unit use (ft ²)	Per unit use (ft ²)	Total (%)
1950	63	480	79	2,600	1,248	90	71	1,126	8	122	18	0.609	292	100	18	292	0	0	48	1,600	768
1951	67	480	83	2,592	1,244	90	75	1,120	8	124	24	0.748	359	100	24	359	0	0	56	1,737	834
1952	83	480	103	2,583	1,240	91	94	1,127	9	113	30	0.747	359	100	30	359	0	0	68	1,697	814
1953	77	480	95	2,575	1,236	91	87	1,127	8	109	32	0.874	420	100	32	420	0	0	68	1,848	887
1954	76	490	96	2,567	1,258	92	88	1,156	8	101	31	0.845	414	100	31	414	0	0	70	1,882	922
1955	112	500	143	2,558	1,279	92	131	1,173	12	106	56	1.008	504	100	56	504	0	0	113	2,014	1,007
1956	124	500	158	2,550	1,275	91	145	1,165	14	110	68	1.095	548	100	68	548	0	0	125	2,016	1,008
1957	119	520	157	2,542	1,322	92	145	1,216	13	106	71	1.155	601	100	71	601	0	0	125	2,019	1,050
1958	102	540	140	2,533	1,368	92	128	1,255	12	113	69	1.256	678	100	69	678	0	0	111	2,022	1,092
1959	121	560	170	2,525	1,414	91	155	1,289	15	125	93	1.384	775	100	93	775	0	0	137	2,025	1,134
1960	104	580	151	2,517	1,460	92	140	1,347	12	113	84	1.393	808	100	84	808	0	0	122	2,027	1,176
1961	90	600	136	2,508	1,505	93	126	1,395	10	110	76	1.397	838	100	76	838	0	0	110	2,030	1,218
1962	118	610	180	2,500	1,525	93	168	1,423	12	102	101	1.402	855	100	101	855	0	0	146	2,033	1,240
1963	151	630	239	2,513	1,583	93	222	1,472	17	111	135	1.420	895	100	135	895	0	0	203	2,141	1,349
1964	191	640	309	2,525	1,616	93	288	1,503	22	113	176	1.439	921	100	176	921	0	0	275	2,250	1,440
1965	217	650	357	2,538	1,650	93	332	1,536	25	114	205	1.457	947	100	205	947	0	0	332	2,359	1,533
1966	217	660	366	2,551	1,683	93	340	1,566	26	118	228	1.591	1,050	100	228	1,050	0	0	354	2,467	1,628
1967	240	670	413	2,563	1,717	94	388	1,616	24	101	241	1.494	1,001	100	241	1,001	0	0	415	2,576	1,726
1968	318	670	549	2,576	1,726	95	519	1,633	30	93	326	1.530	1,025	100	326	1,025	0	0	572	2,684	1,799
1969	413	684	731	2,589	1,771	95	691	1,673	40	97	432	1.531	1,047	100	432	1,047	0	0	788	2,793	1,910
1970	401	732	764	2,601	1,904	95	723	1,802	41	103	461	1.569	1,148	100	461	1,148	0	0	852	2,902	2,124
1971	492	780	1,007	2,626	2,048	95	953	1,939	54	109	576	1.503	1,172	100	576	1,172	0	0	1,176	3,067	2,392
1972	576	780	1,190	2,650	2,067	96	1,139	1,978	51	89	654	1.456	1,135	100	654	1,135	0	0	1,452	3,233	2,522
1973	580	882	1,368	2,674	2,359	96	1,310	2,259	58	100	721	1.409	1,242	100	719	1,239	2	3	1,738	3,399	2,998
1974	338	910	831	2,699	2,456	96	797	2,356	34	99	419	1.362	1,239	100	417	1,233	2	6	1,097	3,564	3,244
1975	213	952	551	2,723	2,592	96	530	2,491	22	102	268	1.323	1,259	100	267	1,255	1	4	755	3,730	3,551
1976	246	966	653	2,747	2,654	96	626	2,545	27	109	301	1.268	1,225	100	300	1,219	1	6	926	3,896	3,763
1977	266	1,000	760	2,863	2,863	97	736	2,769	25	94	345	1.300	1,300	100	345	1,297	1	3	955	3,595	3,595
1978	276	1,010	829	2,979	3,009	97	804	2,916	25	92	358	1.284	1,297	100	357	1,293	1	4	993	3,566	3,602
1979	277	1,050	901	3,095	3,249	97	873	3,149	28	101	390	1.340	1,407	100	389	1,403	1	4	1,003	3,442	3,614
1980	222	1,050	747	3,210	3,371	97	722	3,259	25	112	307	1.321	1,387	97	299	1,351	8	36	746	3,205	3,365
1981	241	1,015	813	3,326	3,376	97	791	3,282	23	94	333	1.361	1,381	96	320	1,330	12	52	787	3,220	3,268
1982	240	1,000	824	3,442	3,442	97	797	3,329	27	113	330	1.376	1,376	92	303	1,266	26	110	838	3,499	3,499
1983	296	1,035	1,089	3,558	3,682	97	1,061	3,585	29	97	427	1.394	1,443	88	375	1,267	52	176	1,092	3,565	3,690
1984	295	1,060	1,150	3,674	3,894	97	1,119	3,786	32	108	444	1.419	1,505	81	361	1,222	83	283	1,102	3,518	3,729
1985	284	1,080	1,160	3,789	4,092	97	1,129	3,981	32	111	440	1.438	1,553	74	328	1,156	113	397	1,063	3,471	3,749
1986	244	1,110	1,059	3,905	4,335	97	1,028	4,208	31	127	397	1.463	1,624	73	289	1,182	108	442	928	3,424	3,800
1987	233	1,140	1,035	3,901	4,447	97	1,004	4,314	31	133	455	1.713	1,952	70	319	1,371	135	582	858	3,232	3,684
1988	218	1,175	1,000	3,897	4,579	97	970	4,444	29	135	500	1.949	2,290	67	337	1,544	163	746	780	3,040	3,572
1989	198	1,195	922	3,893	4,653	97	894	4,513	28	140	511	2.158	2,578	63	321	1,623	189	956	608	2,568	3,069
1990	188	1,205	883	3,890	4,687	97	856	4,546	26	141	536	2.363	2,847	64	342	1,816	194	1,032	540	2,382	2,870

Table 11—con.

Year (1,000)	Ship-ments ^b (1,000)	Average floor area ^b (ft ²)	Structural panels ^a																		
			Lumber			Hardwood lumber			Total structural panels			Softwood plywood			OSB			Nonstructural panels ^a			
			Total use (×10 ⁶ bf)	Per unit (bf)	Total (%)	Total use (×10 ⁶ bf)	Per unit (bf)	Total use (×10 ⁶ bf)	Per unit (bf)	Total use (×10 ⁶ bf)	Per unit (bf)	Total use (×10 ⁶ bf)	Per unit (bf)	Total use (×10 ⁶ bf)	Per unit (bf)	Total use (×10 ⁶ bf)	Per unit (bf)	Total use (×10 ⁶ bf)	Per unit (bf)	Total use (×10 ⁶ bf)	Per unit (bf)
1991	171	1,225	813	3,886	4,760	97	790	4,621	24	139	541	2,586	3,168	62	338	1,980	203	1,188	492	2,351	2,880
1992	211	1,255	1,026	3,882	4,872	97	996	4,730	30	142	733	2,775	3,483	59	432	2,053	301	1,429	579	2,193	2,753
1993	254	1,295	1,277	3,878	5,022	97	1,239	4,871	38	151	955	2,901	3,757	58	556	2,188	399	1,569	685	2,081	2,695
1994	304	1,335	1,572	3,874	5,172	97	1,527	5,023	45	148	1,231	3,035	4,051	58	713	2,345	518	1,706	766	1,889	2,522
1995	340	1,360	1,789	3,870	5,264	97	1,737	5,111	52	152	1,817	3,931	5,347	55	996	2,929	822	2,418	657	1,421	1,933
1996	363	1,385	1,945	3,866	5,355	96	1,872	5,153	73	202	1,830	3,637	5,037	48	882	2,427	948	2,610	758	1,506	2,085
1997	354	1,420	1,943	3,868	5,492	96	1,870	5,288	72	204	1,658	3,301	4,688	38	633	1,790	1,025	2,898	799	1,590	2,258
1998	373	1,455	2,100	3,869	5,630	96	2,024	5,425	76	204	1,629	3,000	4,365	35	565	1,514	1,064	2,851	909	1,675	2,437
1999	349	1,465	2,097	4,106	6,016	96	2,020	5,793	78	223	1,717	3,362	4,925	30	509	1,460	1,208	3,464	903	1,769	2,591
2000	251	1,505	1,638	4,343	6,537	96	1,578	6,298	60	239	1,398	3,707	5,580	25	346	1,380	1,052	4,200	721	1,912	2,877
2001	193	1,545	1,367	4,580	7,077	96	1,318	6,819	50	258	1,207	4,043	6,246	18	219	1,133	988	5,113	569	1,906	2,945
2002	168	1,590	1,291	4,818	7,660	96	1,243	7,375	48	285	1,161	4,334	6,892	14	162	963	999	5,929	529	1,973	3,137
2003	131	1,620	1,070	5,055	8,189	96	1,031	7,891	39	297	979	4,622	7,488	16	161	1,233	818	6,255	166	0,786	1,273
2004	131	1,625	1,139	5,361	8,711	96	1,097	8,386	43	326	983	4,623	7,512	16	157	1,197	826	6,315	456	2,145	3,485
2005	147	1,595	1,330	5,682	9,062	96	1,280	8,721	50	341	1,083	4,625	7,376	14	155	1,055	928	6,321	479	2,047	3,266
2006	117	1,605	1,128	5,993	9,618	96	1,087	9,265	41	353	891	4,733	7,597	11	102	870	789	6,727	397	2,110	3,386
2007	96	1,600	845	5,519	8,831	96	813	8,500	32	331	680	4,441	7,106	11	77	806	603	6,300	285	1,861	2,977
2008	82	1,565	640	4,994	7,815	96	614	7,500	26	315	553	4,314	6,752	13	70	852	483	5,900	220	1,716	2,686
2009 ^c	50	1,530	385	5,059	7,740	97	374	7,500	12	240	337	4,420	6,763	13	43	863	294	5,900	133	1,748	2,675

^a3/8-in. basis.

^bU.S. Department of Commerce, Bureau of the Census 2010a.

^cPreliminary.

Table 12—Wood products consumption for residential repair and remodeling in the United States, 1950–2009

Year	Expenditures Current \$ (×10 ⁹) ^b (×10 ⁹) ^c	Lumber																			
		Total lumber				Softwood lumber				Hardwood lumber				Structural panels ^a				Nonstructural panels ^a			
		Total use (×10 ⁶ bf)	Current \$ (bf)	Total \$ (bf)	Current \$ (bf)	Total use (×10 ⁶ bf)	Total use \$ (bf)	Total use (%)	Current \$ (ft ²)	Total use \$ (ft ²)	Total use (%)	Total use (×10 ⁶ bf)	Total use \$ (bf)	Total use (%)	Current \$ (ft ²)	Total use \$ (ft ²)	Total use (%)	Total use (×10 ⁶ ft ²)	Total use \$ (ft ²)	Total use (%)	Current \$ (ft ²)
1950	5	1,865	0.412	0.060	0.060	97	1,810	0.059	55	0.002	271	0.009	100	0.060	0.009	100	0.000	487	0.108	0.016	
1951	5	1,858	0.392	0.062	0.062	97	1,802	0.060	56	0.002	337	0.011	100	0.071	0.011	100	0.000	526	0.111	0.017	
1952	5	2,144	0.393	0.063	0.063	97	2,085	0.061	59	0.002	394	0.012	100	0.072	0.012	100	0.000	591	0.108	0.017	
1953	6	2,308	0.396	0.064	0.064	97	2,246	0.062	61	0.002	504	0.014	100	0.086	0.014	100	0.000	692	0.119	0.019	
1954	6	2,374	0.400	0.065	0.065	97	2,310	0.063	64	0.002	508	0.014	100	0.086	0.014	100	0.000	723	0.122	0.020	
1955	7	2,715	0.400	0.066	0.066	97	2,640	0.065	75	0.002	702	0.017	100	0.103	0.017	100	0.000	882	0.130	0.022	
1956	8	2,962	0.394	0.068	0.068	97	2,877	0.066	85	0.002	842	0.019	100	0.112	0.019	100	0.000	962	0.128	0.022	
1957	8	3,095	0.388	0.069	0.069	97	3,012	0.067	83	0.002	939	0.021	100	0.118	0.021	100	0.000	1,004	0.126	0.022	
1958	8	3,023	0.386	0.070	0.070	97	2,940	0.068	83	0.002	1,007	0.023	100	0.129	0.023	100	0.000	980	0.125	0.023	
1959	9	3,568	0.388	0.071	0.071	97	3,463	0.069	105	0.002	1,324	0.026	100	0.144	0.026	100	0.000	1,156	0.126	0.023	
1960	11	4,146	0.389	0.072	0.072	97	4,026	0.070	120	0.002	1,562	0.027	100	0.147	0.027	100	0.000	1,342	0.126	0.023	
1961	11	4,309	0.392	0.074	0.074	97	4,192	0.072	118	0.002	1,643	0.028	100	0.149	0.028	100	0.000	1,394	0.127	0.024	
1962	11	4,330	0.393	0.075	0.075	97	4,205	0.073	125	0.002	1,670	0.029	100	0.151	0.029	100	0.000	1,400	0.127	0.024	
1963	11	4,486	0.393	0.076	0.076	97	4,351	0.073	135	0.002	1,779	0.030	100	0.156	0.030	100	0.000	1,456	0.128	0.025	
1964	10	4,108	0.392	0.077	0.077	97	3,985	0.074	123	0.002	1,673	0.031	100	0.160	0.031	100	0.000	1,339	0.128	0.025	
1965	11	4,454	0.389	0.078	0.078	97	4,322	0.075	132	0.002	1,860	0.032	100	0.163	0.032	100	0.000	1,457	0.127	0.025	
1966	12	4,476	0.383	0.078	0.078	97	4,342	0.076	134	0.002	2,065	0.036	100	0.177	0.036	100	0.000	1,469	0.126	0.026	
1967	12	4,389	0.376	0.079	0.079	97	4,260	0.077	130	0.002	1,922	0.035	100	0.164	0.035	100	0.000	1,446	0.124	0.026	
1968	13	4,627	0.364	0.080	0.080	97	4,502	0.078	125	0.002	2,094	0.036	100	0.165	0.036	100	0.000	1,529	0.120	0.026	
1969	14	4,749	0.351	0.081	0.081	97	4,618	0.079	130	0.002	2,170	0.037	100	0.160	0.037	100	0.000	1,575	0.116	0.027	
1970	15	4,975	0.337	0.082	0.082	97	4,841	0.080	134	0.002	2,348	0.039	100	0.159	0.039	100	0.000	1,655	0.112	0.027	
1971	16	5,171	0.317	0.081	0.081	97	5,033	0.079	138	0.002	2,454	0.038	100	0.151	0.038	100	0.000	1,734	0.106	0.027	
1972	17	5,261	0.301	0.080	0.080	97	5,126	0.078	135	0.002	2,541	0.039	100	0.145	0.039	100	0.000	1,779	0.102	0.027	
1973	19	5,212	0.282	0.079	0.079	97	5,080	0.077	132	0.002	2,563	0.039	100	0.138	0.039	100	0.000	1,778	0.096	0.027	
1974	21	5,390	0.255	0.078	0.078	98	5,259	0.076	131	0.002	2,698	0.039	100	0.128	0.039	100	0.000	1,854	0.088	0.027	
1975	25	5,819	0.231	0.077	0.077	98	5,683	0.076	137	0.002	2,965	0.039	100	0.112	0.039	100	0.000	2,020	0.080	0.027	
1976	29	6,255	0.215	0.076	0.076	98	6,101	0.075	154	0.002	3,245	0.039	100	0.112	0.040	100	0.000	2,190	0.075	0.027	
1977	31	6,556	0.210	0.079	0.079	98	6,395	0.077	161	0.002	3,330	0.040	100	0.106	0.040	100	0.000	2,084	0.067	0.025	
1978	37	7,581	0.202	0.082	0.082	98	7,407	0.080	175	0.002	3,657	0.039	100	0.098	0.039	100	0.000	2,356	0.063	0.025	
1979	42	8,149	0.193	0.084	0.084	98	7,959	0.082	189	0.002	3,954	0.041	100	0.094	0.041	100	0.000	2,411	0.057	0.025	
1980	46	8,455	0.182	0.087	0.087	98	8,244	0.085	211	0.002	3,764	0.039	99	0.081	0.039	99	0.000	2,301	0.050	0.024	
1981	46	7,967	0.172	0.090	0.090	98	7,800	0.088	167	0.002	3,607	0.038	98	0.078	0.038	98	0.001	2,153	0.046	0.024	
1982	45	7,554	0.167	0.092	0.092	98	7,368	0.090	186	0.002	3,249	0.039	98	0.072	0.039	98	0.001	2,196	0.048	0.027	
1983	49	7,841	0.159	0.092	0.092	97	7,635	0.089	206	0.002	3,352	0.039	97	0.068	0.039	97	0.001	2,300	0.047	0.027	
1984	71	11,543	0.164	0.098	0.098	97	11,224	0.095	319	0.003	5,360	0.045	96	0.076	0.045	96	0.002	3,313	0.047	0.028	
1985	82	13,386	0.163	0.100	0.100	97	13,022	0.098	364	0.003	6,130	0.046	95	0.075	0.046	95	0.002	3,761	0.046	0.028	
1986	94	15,441	0.164	0.103	0.103	96	14,838	0.099	624	0.004	7,014	0.047	95	0.074	0.047	95	0.002	4,251	0.045	0.028	
1987	98	15,588	0.158	0.103	0.103	96	14,964	0.098	624	0.004	7,135	0.047	91	0.073	0.047	91	0.002	4,237	0.043	0.028	
1988	107	16,271	0.152	0.102	0.102	96	15,632	0.098	639	0.004	7,504	0.047	88	0.070	0.047	88	0.006	4,365	0.041	0.027	
1989	108	15,758	0.146	0.101	0.101	96	15,128	0.097	630	0.004	7,323	0.047	85	0.068	0.047	85	0.007	3,760	0.035	0.024	
1990	115	16,111	0.140	0.101	0.101	96	15,466	0.097	644	0.004	7,545	0.047	84	0.065	0.047	84	0.008	3,771	0.033	0.024	

Table 12—con.

Year	Lumber												Nonstructural panels ^a									
	Expenditures			Total lumber			Softwood lumber			Hardwood lumber			Structural panels ^a			OSB						
	Current	Total	Total	Current	Total	Total	Total	Current	Total	Total	Total	Current	Total	Total	Current	Total	Total	Current	Total			
\$ (×10 ⁹) ^b	\$ (×10 ⁶ bf)	\$ (bf)	\$ (bf)	(%) (×10 ⁶ bf)	\$ (bf)	(%) (×10 ⁶ bf)	\$ (bf)	\$ (bf)	\$ (bf)	\$ (bf)	\$ (bf)	\$ (bf)	\$ (bf)	\$ (bf)	\$ (bf)	\$ (bf)	\$ (bf)	\$ (bf)	\$ (bf)			
1991	108	144	14,435	0.134	0.100	0.100	96	13,874	0.096	561	0.004	6,813	0.063	0.047	82	5,565	0.039	1,248	0.009	3,544	0.033	0.025
1992	116	151	15,050	0.130	0.100	0.100	96	14,465	0.096	585	0.004	7,056	0.061	0.047	79	5,578	0.037	1,478	0.010	3,596	0.031	0.024
1993	122	156	15,422	0.127	0.099	0.099	96	14,805	0.095	617	0.004	7,007	0.057	0.045	78	5,441	0.035	1,566	0.010	3,666	0.030	0.024
1994	131	164	16,082	0.123	0.098	0.098	96	15,467	0.095	616	0.004	7,105	0.054	0.043	76	5,435	0.033	1,670	0.010	3,662	0.028	0.022
1995	125	153	14,984	0.120	0.098	0.098	96	14,407	0.094	577	0.004	6,979	0.056	0.046	74	5,160	0.034	1,819	0.012	3,260	0.026	0.021
1996	131	158	15,361	0.117	0.097	0.097	96	14,782	0.094	579	0.004	7,277	0.055	0.046	70	5,070	0.032	2,207	0.014	3,184	0.024	0.020
1997	134	158	14,809	0.111	0.094	0.094	96	14,259	0.090	550	0.003	7,192	0.054	0.046	65	4,640	0.029	2,553	0.016	2,714	0.020	0.017
1998	134	156	14,108	0.106	0.090	0.090	96	13,596	0.087	512	0.003	7,013	0.052	0.045	63	4,400	0.028	2,613	0.017	2,710	0.020	0.017
1999	143	165	14,741	0.103	0.090	0.090	96	14,195	0.086	546	0.003	7,481	0.052	0.045	62	4,653	0.028	2,828	0.017	3,009	0.021	0.018
2000	153	173	15,315	0.100	0.089	0.089	96	14,755	0.086	560	0.003	7,874	0.051	0.046	62	4,892	0.028	2,982	0.017	3,399	0.022	0.020
2001	158	174	15,294	0.097	0.088	0.088	95	14,597	0.084	698	0.004	7,855	0.050	0.045	57	4,500	0.026	3,354	0.019	3,405	0.022	0.020
2002	173	188	16,374	0.094	0.087	0.087	95	15,613	0.083	761	0.004	8,400	0.048	0.045	59	4,928	0.026	3,472	0.018	3,795	0.022	0.020
2003	177	188	16,223	0.092	0.086	0.086	95	15,487	0.082	736	0.004	8,313	0.047	0.044	59	4,893	0.026	3,419	0.018	3,859	0.022	0.021
2004	199	205	17,538	0.088	0.085	0.085	95	16,718	0.081	819	0.004	9,108	0.046	0.044	60	5,432	0.026	3,676	0.018	4,474	0.023	0.022
2005	215	215	18,290	0.085	0.085	0.085	95	17,429	0.081	861	0.004	9,448	0.044	0.044	58	5,455	0.025	3,993	0.019	4,467	0.021	0.021
2006	228	221	18,660	0.082	0.084	0.084	95	17,805	0.081	855	0.004	9,830	0.043	0.044	57	5,647	0.026	4,183	0.019	4,721	0.021	0.021
2007	226	213	18,884	0.083	0.089	0.089	96	18,109	0.085	776	0.004	9,512	0.042	0.045	55	5,211	0.024	4,301	0.020	4,852	0.021	0.023
2008	179	165	14,389	0.081	0.087	0.087	97	13,939	0.085	450	0.003	7,479	0.042	0.045	55	4,084	0.025	3,395	0.021	3,547	0.020	0.022
2009 ^d	143	130	11,314	0.079	0.087	0.087	98	11,143	0.086	172	0.001	6,022	0.042	0.046	55	3,308	0.025	2,714	0.021	2,824	0.020	0.022

^a3/8-in. basis.

^bU.S. Department of Commerce, Bureau of the Census 2010a.

^cBased on table 1.1.9. Implicit Price Deflators for Gross Domestic Product (U.S. Department of Commerce, Bureau of Economic Analysis 2010).

^dPreliminary.

Table 13—Wood products consumption for nonresidential building construction in the United States, 1950–2009

Year	Lumber																				
	Expenditures				Total lumber		Softwood lumber		Hardwood lumber		Structural panels ^a										
	Current (\$ × 10 ⁹) ^b	2005 (\$ × 10 ⁹) ^c	Current (\$ bf)	2005 (\$ bf)	Total use (% × 10 ⁶ bf)	2005 (\$ × 10 ⁶ bf)	Total use (% × 10 ⁶ bf)	2005 (\$ × 10 ⁶ bf)	Total use (% × 10 ⁶ bf)	2005 (\$ × 10 ⁶ bf)	Current (\$ ft ²)	2005 (\$ ft ²)									
1950	8	92	991	0.124	0.011	90	894	0.010	97	0.001	223	0.028	0.002	100	223	0.002	0	0.000	309	0.039	0.003
1951	11	109	1,237	0.117	0.011	90	1,114	0.010	124	0.001	345	0.033	0.003	100	345	0.003	0	0.000	418	0.040	0.004
1952	11	110	1,318	0.120	0.012	91	1,201	0.011	117	0.001	359	0.033	0.003	100	359	0.003	0	0.000	421	0.038	0.004
1953	12	116	1,438	0.122	0.012	91	1,315	0.011	123	0.001	455	0.039	0.004	100	455	0.004	0	0.000	493	0.042	0.004
1954	13	125	1,536	0.122	0.012	91	1,403	0.011	133	0.001	473	0.038	0.004	100	473	0.004	0	0.000	535	0.043	0.004
1955	14	132	1,639	0.121	0.012	91	1,491	0.011	148	0.001	606	0.045	0.005	100	606	0.005	0	0.000	610	0.045	0.005
1956	15	132	1,739	0.118	0.013	91	1,575	0.012	164	0.001	705	0.048	0.005	100	705	0.005	0	0.000	649	0.044	0.005
1957	16	138	1,888	0.118	0.014	91	1,724	0.013	163	0.001	794	0.050	0.006	100	794	0.006	0	0.000	689	0.043	0.005
1958	15	133	1,774	0.117	0.013	91	1,615	0.012	159	0.001	817	0.054	0.006	100	817	0.006	0	0.000	648	0.043	0.005
1959	16	136	1,795	0.115	0.013	90	1,620	0.012	175	0.001	929	0.059	0.007	100	929	0.007	0	0.000	664	0.042	0.005
1960	17	145	1,925	0.116	0.013	90	1,742	0.012	184	0.001	998	0.060	0.007	100	998	0.007	0	0.000	705	0.042	0.005
1961	18	156	2,100	0.118	0.013	91	1,914	0.012	186	0.001	1,077	0.060	0.007	100	1,077	0.007	0	0.000	754	0.042	0.005
1962	19	165	2,205	0.116	0.013	91	1,996	0.012	209	0.001	1,150	0.061	0.007	100	1,150	0.007	0	0.000	799	0.042	0.005
1963	20	172	2,165	0.109	0.013	90	1,948	0.011	216	0.001	1,142	0.057	0.007	100	1,142	0.007	0	0.000	816	0.041	0.005
1964	25	214	2,557	0.102	0.012	90	2,301	0.011	256	0.001	1,348	0.054	0.006	100	1,348	0.006	0	0.000	993	0.039	0.005
1965	30	252	2,892	0.095	0.011	90	2,607	0.010	285	0.001	1,520	0.050	0.006	100	1,520	0.006	0	0.000	1,157	0.038	0.005
1966	34	270	2,948	0.087	0.011	90	2,653	0.010	295	0.001	1,676	0.050	0.006	100	1,676	0.006	0	0.000	1,225	0.036	0.005
1967	34	263	2,717	0.080	0.010	90	2,451	0.009	266	0.001	1,425	0.042	0.005	100	1,425	0.005	0	0.000	1,167	0.034	0.004
1968	35	257	2,591	0.074	0.010	91	2,365	0.009	226	0.001	1,337	0.038	0.005	100	1,337	0.005	0	0.000	1,128	0.032	0.004
1969	39	273	2,592	0.066	0.010	91	2,360	0.009	231	0.001	1,330	0.034	0.005	100	1,330	0.005	0	0.000	1,187	0.030	0.004
1970	39	256	2,309	0.059	0.009	91	2,109	0.008	200	0.001	1,189	0.030	0.005	100	1,189	0.005	0	0.000	1,101	0.028	0.004
1971	41	249	2,290	0.055	0.009	91	2,095	0.008	195	0.001	1,173	0.028	0.005	100	1,173	0.005	0	0.000	1,082	0.026	0.004
1972	45	251	2,369	0.053	0.009	92	2,176	0.009	193	0.001	1,215	0.027	0.005	100	1,215	0.005	0	0.000	1,104	0.025	0.004
1973	52	272	2,562	0.049	0.009	92	2,356	0.009	206	0.001	1,326	0.025	0.005	100	1,323	0.005	3	0.000	1,200	0.023	0.004
1974	57	261	2,612	0.046	0.010	92	2,415	0.009	198	0.001	1,347	0.024	0.005	99	1,339	0.005	8	0.000	1,249	0.022	0.005
1975	54	220	2,274	0.042	0.010	93	2,111	0.010	163	0.001	1,161	0.022	0.005	99	1,154	0.005	7	0.000	1,116	0.021	0.005
1976	53	207	2,082	0.039	0.010	92	1,924	0.009	157	0.001	1,085	0.020	0.005	99	1,077	0.005	8	0.000	1,079	0.020	0.005
1977	56	200	2,092	0.037	0.010	92	1,933	0.010	158	0.001	1,109	0.020	0.006	100	1,105	0.006	4	0.000	972	0.017	0.005
1978	69	225	2,489	0.036	0.011	93	2,315	0.010	174	0.001	1,279	0.019	0.006	100	1,276	0.006	3	0.000	1,096	0.016	0.005
1979	86	253	2,908	0.034	0.011	93	2,702	0.011	206	0.001	1,571	0.018	0.006	100	1,566	0.006	5	0.000	1,210	0.014	0.005
1980	96	258	2,947	0.031	0.011	92	2,717	0.011	230	0.001	1,655	0.017	0.006	99	1,633	0.006	23	0.000	1,134	0.012	0.004
1981	109	256	3,211	0.030	0.013	94	3,008	0.012	203	0.001	1,812	0.017	0.007	98	1,775	0.007	38	0.000	1,158	0.011	0.005
1982	115	252	3,120	0.027	0.012	92	2,879	0.011	242	0.001	1,959	0.017	0.008	98	1,913	0.008	46	0.000	1,240	0.011	0.005
1983	110	246	2,703	0.025	0.011	92	2,475	0.010	228	0.001	1,650	0.015	0.007	97	1,603	0.007	47	0.000	1,127	0.010	0.005
1984	132	294	3,198	0.024	0.011	91	2,910	0.010	288	0.001	2,055	0.016	0.007	96	1,972	0.007	83	0.000	1,349	0.010	0.005
1985	154	335	3,617	0.023	0.011	91	3,298	0.010	320	0.001	2,394	0.016	0.007	95	2,263	0.007	131	0.000	1,517	0.010	0.005
1986	150	321	3,370	0.022	0.011	90	3,043	0.009	327	0.001	2,430	0.016	0.008	94	2,277	0.007	153	0.000	1,425	0.009	0.004
1987	155	325	3,348	0.022	0.010	90	3,123	0.009	335	0.001	2,391	0.015	0.007	90	2,140	0.007	251	0.001	1,389	0.009	0.004
1988	165	332	3,462	0.021	0.010	90	3,123	0.009	339	0.001	2,422	0.015	0.007	86	2,079	0.006	343	0.001	1,393	0.008	0.004
1989	177	343	3,559	0.020	0.010	90	3,203	0.009	356	0.001	2,459	0.014	0.007	82	2,013	0.006	445	0.001	1,262	0.007	0.004
1990	186	349	3,590	0.019	0.010	90	3,231	0.009	359	0.001	2,435	0.013	0.007	81	1,969	0.006	466	0.001	1,232	0.007	0.004

Table 13—con.

Year	Lumber												Structural panels ^a															
	Expenditures			Total lumber			Softwood lumber			Hardwood lumber			Total structural panels			Softwood plywood			OSB			Nonstructural panels ^a						
	Current	2005	Total	Current	2005	Total	Total	2005	Total	Total	2005	Total	Total	2005	Total	Total	2005	Total	Total	2005	Total	Total	2005	Total	Total	2005	Total	Total
\$	\$	\$	\$	\$	\$	(%)	($\times 10^6$ bf)	($\times 10^6$ bf)	($\times 10^6$ bf)	(bf)	($\times 10^6$ bf)	($\times 10^6$ ft ²)	(ft ²)	(ft ²)	(%)	($\times 10^6$ ft ²)	(ft ²)	(ft ²)	(ft ²)	(ft ²)	(ft ²)	(ft ²)	(ft ²)	(ft ²)	(ft ²)	(ft ²)	(ft ²)	(ft ²)
1991	163	301	3,056	0.019	0.010	0.010	90	2,761	0.009	295	0.001	2,021	0.012	0.007	79	1,594	0.005	426	0.001	1,076	0.007	0.007	0.007	0.004	0.004	0.004	0.004	0.004
1992	154	283	2,814	0.018	0.010	0.010	90	2,542	0.009	272	0.001	1,800	0.012	0.006	76	1,363	0.005	437	0.002	973	0.006	0.006	0.006	0.003	0.003	0.003	0.003	0.003
1993	159	283	2,808	0.018	0.010	0.010	90	2,527	0.009	281	0.001	1,707	0.011	0.006	74	1,266	0.004	441	0.002	983	0.006	0.006	0.006	0.003	0.003	0.003	0.003	0.003
1994	169	291	2,957	0.017	0.010	0.010	91	2,676	0.009	280	0.001	1,684	0.010	0.006	73	1,227	0.004	456	0.002	992	0.006	0.006	0.006	0.003	0.003	0.003	0.003	0.003
1995	193	318	3,285	0.017	0.010	0.010	89	2,939	0.009	345	0.001	1,925	0.010	0.006	70	1,348	0.004	577	0.002	1,100	0.006	0.006	0.006	0.003	0.003	0.003	0.003	0.003
1996	216	348	3,619	0.017	0.010	0.010	90	3,248	0.009	371	0.001	2,091	0.010	0.006	65	1,363	0.004	728	0.002	1,135	0.005	0.005	0.005	0.003	0.003	0.003	0.003	0.003
1997	243	377	3,928	0.016	0.010	0.010	90	3,532	0.009	396	0.001	2,278	0.009	0.006	61	1,387	0.004	891	0.002	1,210	0.005	0.005	0.005	0.003	0.003	0.003	0.003	0.003
1998	263	390	4,117	0.016	0.011	0.011	89	3,676	0.009	441	0.001	2,384	0.009	0.006	60	1,441	0.004	942	0.002	1,242	0.005	0.005	0.005	0.003	0.003	0.003	0.003	0.003
1999	269	386	3,963	0.015	0.010	0.010	89	3,533	0.009	431	0.001	2,555	0.010	0.007	60	1,532	0.004	1,022	0.003	1,330	0.005	0.005	0.005	0.003	0.003	0.003	0.003	0.003
2000	299	413	4,126	0.014	0.010	0.010	89	3,681	0.009	445	0.001	2,839	0.009	0.007	60	1,706	0.004	1,132	0.003	1,575	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004
2001	299	393	3,847	0.013	0.010	0.010	87	3,363	0.009	484	0.001	2,839	0.009	0.007	55	1,563	0.004	1,276	0.003	1,546	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004
2002	275	347	3,307	0.012	0.010	0.010	87	2,886	0.008	421	0.001	2,624	0.010	0.008	57	1,508	0.004	1,117	0.003	1,480	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004
2003	277	338	3,108	0.011	0.009	0.009	88	2,721	0.008	387	0.001	2,648	0.010	0.008	57	1,507	0.004	1,141	0.003	1,479	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004
2004	292	331	3,162	0.011	0.010	0.010	87	2,753	0.008	409	0.001	2,843	0.010	0.009	58	1,652	0.005	1,191	0.004	1,651	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
2005	312	312	3,317	0.011	0.011	0.011	87	2,891	0.009	425	0.001	3,015	0.010	0.010	56	1,678	0.005	1,337	0.004	1,657	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
2006	352	311	3,648	0.010	0.012	0.012	88	3,199	0.010	449	0.001	3,451	0.010	0.011	54	1,872	0.006	1,579	0.005	1,922	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006
2007	420	346	4,241	0.010	0.012	0.012	90	3,806	0.011	435	0.001	3,648	0.009	0.011	40	1,473	0.004	2,175	0.006	2,134	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006
2008	456	364	4,465	0.010	0.012	0.012	90	4,007	0.011	459	0.001	3,685	0.008	0.010	31	1,135	0.003	2,550	0.007	2,202	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006
2009 ^d	432	352	3,938	0.009	0.011	0.011	89	3,515	0.010	422	0.001	3,571	0.008	0.010	31	1,110	0.003	2,461	0.007	1,777	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005

^a3/8-in. basis.

^bU.S. Department of Commerce, Bureau of the Census 2010a.

^cBased on table 1.1.9. Implicit Price Deflators for Gross Domestic Product (U.S. Department of Commerce, Bureau of Economic Analysis 2010).

^dPreliminary.

Table 14—con.

Year	Lumber												Structural panels ^a																
	Expenditures			Total lumber			Softwood lumber			Hardwood lumber			Total structural panels			Softwood plywood			OSB			Nonstructural panels ^a							
	Current	2005	Total use	Current	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	
\$ (×10 ⁹) ^b	\$ (×10 ⁹) ^c	(×10 ⁶ bf)	\$ (bf)	\$ (bf)	(%) (×10 ⁶ bf)	\$ (bf)	\$ (bf)	(×10 ⁶ bf)	\$ (bf)	\$ (bf)	(×10 ⁶ bf)	\$ (bf)	\$ (bf)	(×10 ⁶ ft ²)	\$ (ft ²)	\$ (ft ²)	(%) (×10 ⁶ ft ²)	\$ (ft ²)	\$ (ft ²)	(×10 ⁶ ft ²)	\$ (ft ²)	\$ (ft ²)	(×10 ⁶ ft ²)	\$ (ft ²)	\$ (ft ²)	(×10 ⁶ ft ²)	\$ (ft ²)	\$ (ft ²)	
1991	99.6	183.5	1,561	0.016	0.009	38	592	0.003	969	0.005	489	0.005	0.003	82	403	0.002	86	0.000	60	0.001	60	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1992	106.2	195.7	1,573	0.015	0.008	38	597	0.003	977	0.005	478	0.004	0.002	79	377	0.002	100	0.001	59	0.001	59	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1993	105.6	188.2	1,496	0.014	0.008	37	553	0.003	942	0.005	424	0.004	0.002	77	325	0.002	99	0.001	56	0.001	56	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1994	107.7	185.4	1,410	0.013	0.008	38	542	0.003	868	0.005	386	0.004	0.002	74	287	0.002	99	0.001	52	0.000	52	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1995	110.9	183.1	1,375	0.012	0.008	38	525	0.003	850	0.005	382	0.003	0.002	70	268	0.001	115	0.001	45	0.000	45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1996	111.4	179.2	1,287	0.012	0.007	39	500	0.003	787	0.004	356	0.003	0.002	65	232	0.001	124	0.001	45	0.000	45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1997	118.9	184.4	1,296	0.011	0.007	40	522	0.003	774	0.004	380	0.003	0.002	61	232	0.001	149	0.001	44	0.000	44	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1998	128.9	191.0	1,325	0.010	0.007	41	549	0.003	776	0.004	413	0.003	0.002	60	249	0.001	163	0.001	43	0.000	43	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1999	136.5	196.3	1,347	0.010	0.007	41	548	0.003	799	0.004	440	0.003	0.002	60	264	0.001	176	0.001	48	0.000	48	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2000	156.1	215.9	1,397	0.009	0.006	41	571	0.003	827	0.004	465	0.003	0.002	60	279	0.001	186	0.001	55	0.000	55	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2001	167.5	220.1	1,427	0.009	0.006	41	585	0.003	842	0.004	482	0.003	0.002	55	267	0.001	215	0.001	58	0.000	58	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2002	170.8	215.4	1,426	0.008	0.007	40	576	0.003	850	0.004	486	0.003	0.002	57	276	0.001	211	0.001	61	0.000	61	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2003	162.9	198.2	1,317	0.008	0.007	41	543	0.003	774	0.004	463	0.003	0.002	57	263	0.001	200	0.001	60	0.000	60	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2004	160.8	181.8	1,287	0.008	0.007	40	516	0.003	771	0.004	450	0.003	0.002	57	257	0.001	193	0.001	62	0.000	62	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2005	173.4	173.4	1,329	0.008	0.008	40	534	0.003	795	0.005	454	0.003	0.003	55	249	0.001	205	0.001	59	0.000	59	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2006	196.2	173.8	1,425	0.007	0.008	41	586	0.003	840	0.005	499	0.003	0.003	54	267	0.002	231	0.001	66	0.000	66	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2007	230.6	190.1	1,439	0.006	0.008	40	570	0.003	869	0.005	532	0.002	0.003	52	279	0.001	253	0.001	68	0.000	68	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2008	258.7	206.6	1,400	0.005	0.007	44	620	0.003	781	0.004	490	0.002	0.002	44	215	0.001	275	0.001	72	0.000	72	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009 ^d	432.3	351.5	1,077	0.002	0.003	56	598	0.002	479	0.001	475	0.001	0.001	44	210	0.001	265	0.001	70	0.000	70	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

^a3/8-in. basis.

^bU.S. Department of Commerce, Bureau of the Census 2010a.

^cBased on table 1.1.9. Implicit Price Deflators for Gross Domestic Product (U.S. Department of Commerce, Bureau of Economic Analysis 2010).

^dPreliminary.

Table 15—con.

Year	Lumber												Structural panels ^a																														
	Expenditures				Total lumber		Softwood lumber		Hardwood lumber		Total structural panels		Softwood plywood		OSB		Nonstructural panels ^a																										
	Current	2005	\$ (×10 ⁹) ^c	(×10 ⁶ bf)	Total	Current	2005	Total	use	2005	Total	Current	2005	Total	use	2005	Total	Current	2005	Total	use	2005	Total	Current	2005	Total	use	2005	Total	Current	2005	Total	use	2005									
1992	43.7	57.1	3,974	0.091	0.070	35	1,386	0.024	2,588	0.045	960	0.022	0.017	94	906	0.016	54	0.001	5,816	0.133	0.102	1993	46.8	59.8	4,220	0.090	0.071	32	1,366	0.023	2,854	0.048	1,020	0.022	0.017	94	962	0.016	58	0.001	6,485	0.139	0.108
1994	50.1	62.7	4,406	0.088	0.070	34	1,477	0.024	2,928	0.047	1,085	0.022	0.017	94	1,023	0.016	62	0.001	6,971	0.139	0.111	1995	53.5	65.6	4,650	0.087	0.071	32	1,495	0.023	3,155	0.048	1,248	0.023	0.019	94	1,173	0.018	75	0.001	7,483	0.140	0.114
1996	55.7	67.0	4,757	0.085	0.071	32	1,534	0.023	3,224	0.048	1,351	0.024	0.020	93	1,260	0.019	91	0.001	7,841	0.141	0.117	1997	53.1	62.8	4,608	0.087	0.073	33	1,520	0.024	3,088	0.049	1,490	0.028	0.024	93	1,382	0.022	107	0.002	7,710	0.145	0.123
1998	57.4	67.1	5,089	0.089	0.076	34	1,736	0.026	3,352	0.050	1,807	0.031	0.027	93	1,679	0.025	127	0.002	8,634	0.150	0.129	1999	59.4	68.5	4,940	0.083	0.072	35	1,705	0.025	3,235	0.047	1,749	0.029	0.026	93	1,626	0.024	123	0.002	8,812	0.148	0.129
2000	60.7	68.5	4,637	0.076	0.068	37	1,703	0.025	2,934	0.043	1,631	0.027	0.024	94	1,530	0.022	101	0.001	8,952	0.148	0.131	2001	57.3	63.2	4,013	0.070	0.064	39	1,547	0.025	2,465	0.039	1,326	0.023	0.021	90	1,200	0.019	126	0.002	7,683	0.134	0.122
2002	57.4	62.3	3,723	0.065	0.060	40	1,476	0.024	2,246	0.036	1,239	0.022	0.020	90	1,111	0.018	128	0.002	7,302	0.127	0.117	2003	56.0	59.5	3,295	0.059	0.055	43	1,421	0.024	1,874	0.032	1,061	0.019	0.018	91	964	0.016	96	0.002	6,535	0.117	0.110
2004	57.1	59.0	3,100	0.054	0.053	44	1,365	0.023	1,736	0.029	963	0.017	0.016	92	887	0.015	76	0.001	6,445	0.113	0.109	2005	60.9	60.9	2,919	0.048	0.048	47	1,384	0.023	1,535	0.025	829	0.014	0.014	89	741	0.012	88	0.001	5,498	0.090	0.090
2006	60.9	59.0	2,616	0.043	0.044	52	1,356	0.023	1,261	0.021	705	0.012	0.012	93	652	0.011	53	0.001	4,871	0.080	0.083	2007	60.3	56.7	2,391	0.040	0.042	51	1,224	0.022	1,167	0.021	590	0.010	0.010	92	544	0.010	45	0.001	4,393	0.073	0.077
2008	57.8	53.3	2,259	0.039	0.042	50	1,119	0.021	1,141	0.021	596	0.010	0.011	93	553	0.010	43	0.001	4,043	0.070	0.076	2009 ^d	55.0	50.1	2,015	0.037	0.040	52	1,052	0.021	963	0.019	567	0.010	0.011	93	527	0.011	40	0.001	3,787	0.069	0.076

^a3/8-in. basis.

^bU.S. Department of Commerce, Bureau of the Census 2010a.

^cBased on table I.1.9. Implicit Price Deflators for Gross Domestic Product (U.S. Department of Commerce, Bureau of Economic Analysis 2010).

^dPreliminary.

Table 16—Wood products consumption for other manufacturing in the United States, 1950–2009

Year	Expenditures				Lumber								Structural panels ^a				
	Total lumber		Softwood lumber		Hardwood lumber		Total structural panels		Softwood plywood		OSB		Nonstructural panels ^a				
	Current \$ (×10 ⁹) ^b	2005 \$ (×10 ⁹) ^c	Total use (\$ ×10 ⁶ bf)	Current \$ (bf)	2005 \$ (bf)	Total use (\$ ×10 ⁶ bf)	Total use (\$ ×10 ⁶ bf)	2005 \$ (bf)	Current \$ (ft ²)	2005 \$ (ft ²)	Total use (\$ ×10 ⁶ ft ²)	Total use (\$ ×10 ⁶ ft ²)	2005 \$ (ft ²)	Current \$ (ft ²)	2005 \$ (ft ²)		
1950	215.1	1,468.7	1,653	0.008	0.001	73	1,206	0.001	447	0.000	34	0.000	0.000	0.000	148	0.001	0.000
1951	250.2	1,593.8	1,724	0.007	0.001	72	1,241	0.001	483	0.000	54	0.000	0.000	0.000	179	0.001	0.000
1952	259.9	1,627.9	1,837	0.007	0.001	76	1,400	0.001	438	0.000	64	0.000	0.000	0.000	184	0.001	0.000
1953	286.7	1,773.9	1,989	0.007	0.001	77	1,523	0.001	466	0.000	94	0.000	0.000	0.000	223	0.001	0.000
1954	270.7	1,659.9	1,794	0.007	0.001	75	1,350	0.001	443	0.000	95	0.000	0.000	0.000	218	0.001	0.000
1955	305.7	1,843.3	1,896	0.006	0.001	74	1,403	0.001	492	0.000	139	0.000	0.000	0.000	265	0.001	0.000
1956	320.2	1,866.3	1,820	0.006	0.001	72	1,382	0.001	518	0.000	168	0.000	0.000	0.000	275	0.001	0.000
1957	332.1	1,873.5	1,869	0.006	0.001	74	1,382	0.001	487	0.000	194	0.000	0.000	0.000	283	0.001	0.000
1958	314.5	1,735.5	1,647	0.005	0.001	73	1,197	0.001	450	0.000	211	0.000	0.000	0.000	269	0.001	0.000
1959	349.9	1,907.9	1,658	0.005	0.001	68	1,131	0.001	526	0.000	274	0.000	0.000	0.000	302	0.001	0.000
1960	356.5	1,917.2	1,635	0.005	0.001	68	1,116	0.001	518	0.000	296	0.000	0.000	0.000	310	0.001	0.000
1961	358.3	1,905.6	1,651	0.005	0.001	72	1,181	0.001	470	0.000	314	0.000	0.000	0.000	315	0.001	0.000
1962	386.7	2,028.9	1,624	0.004	0.001	70	1,131	0.001	493	0.000	356	0.000	0.000	0.000	343	0.001	0.000
1963	406.0	2,107.3	1,566	0.004	0.001	68	1,065	0.001	501	0.000	372	0.000	0.000	0.000	362	0.001	0.000
1964	431.2	2,204.2	1,585	0.004	0.001	68	1,078	0.000	507	0.000	391	0.000	0.000	0.000	385	0.001	0.000
1965	475.2	2,385.6	1,678	0.004	0.001	70	1,171	0.000	508	0.000	426	0.000	0.000	0.000	423	0.001	0.000
1966	519.5	2,536.0	1,699	0.003	0.001	68	1,155	0.000	544	0.000	490	0.000	0.000	0.000	457	0.001	0.000
1967	538.7	2,551.5	1,670	0.003	0.001	69	1,152	0.000	519	0.000	460	0.000	0.000	0.000	466	0.001	0.000
1968	580.6	2,637.9	1,779	0.003	0.001	73	1,293	0.000	486	0.000	484	0.000	0.000	0.000	489	0.001	0.000
1969	619.1	2,680.1	1,702	0.003	0.001	71	1,205	0.000	497	0.000	488	0.000	0.000	0.000	504	0.001	0.000
1970	611.8	2,516.1	1,540	0.003	0.001	71	1,088	0.000	452	0.000	467	0.000	0.000	0.000	480	0.001	0.000
1971	647.0	2,534.0	1,603	0.002	0.001	69	1,110	0.000	493	0.000	480	0.000	0.000	0.000	691	0.001	0.000
1972	721.3	2,708.3	1,783	0.002	0.001	69	1,227	0.000	556	0.000	529	0.000	0.000	0.000	960	0.001	0.000
1973	834.5	2,968.4	2,006	0.002	0.001	68	1,367	0.000	640	0.000	598	0.000	0.000	0.000	1,294	0.002	0.000
1974	977.6	3,188.1	2,220	0.002	0.001	68	1,507	0.000	712	0.000	662	0.000	0.000	0.000	1,652	0.002	0.001
1975	1,000.9	2,982.0	2,122	0.002	0.001	67	1,424	0.000	699	0.000	638	0.000	0.000	0.000	1,789	0.002	0.001
1976	1,145.5	3,227.8	2,323	0.002	0.001	63	1,469	0.000	854	0.000	710	0.000	0.000	0.000	2,200	0.002	0.001
1977	1,301.8	3,448.5	2,515	0.002	0.001	65	1,638	0.000	876	0.000	796	0.000	0.000	0.000	3,155	0.002	0.001
1978	1,462.2	3,619.4	2,680	0.002	0.001	68	1,814	0.001	867	0.000	847	0.000	0.000	0.000	3,192	0.002	0.001
1979	1,662.2	3,798.4	2,823	0.002	0.001	67	1,899	0.000	924	0.000	951	0.000	0.000	0.000	3,138	0.002	0.001
1980	1,788.3	3,745.0	2,776	0.002	0.001	65	1,814	0.000	962	0.000	977	0.000	0.000	0.000	2,791	0.002	0.001
1981	1,951.9	3,737.4	2,851	0.001	0.001	72	2,039	0.001	812	0.000	1,044	0.000	0.000	0.000	2,705	0.001	0.001
1982	1,841.3	3,322.9	2,498	0.001	0.001	66	1,647	0.000	851	0.000	968	0.000	0.000	0.000	2,521	0.001	0.001
1983	1,968.1	3,416.6	2,453	0.001	0.001	64	1,572	0.000	881	0.000	959	0.000	0.000	0.000	2,449	0.001	0.001
1984	2,190.8	3,665.6	2,722	0.001	0.001	62	1,686	0.000	1,036	0.000	1,111	0.000	0.000	0.000	2,582	0.001	0.001
1985	2,257.0	3,665.4	2,746	0.001	0.001	63	1,721	0.000	1,025	0.000	1,150	0.000	0.000	0.000	2,438	0.001	0.001
1986	2,169.1	3,446.4	2,576	0.001	0.001	60	1,550	0.000	1,026	0.000	1,167	0.000	0.000	0.000	2,157	0.001	0.001
1987	2,368.7	3,657.4	2,711	0.001	0.001	59	1,599	0.000	1,111	0.000	1,265	0.000	0.000	0.000	2,239	0.001	0.001
1988	2,571.3	3,838.5	2,845	0.001	0.001	60	1,705	0.000	1,140	0.000	1,355	0.000	0.000	0.000	2,295	0.001	0.001
1989	2,677.5	3,851.6	2,827	0.001	0.001	59	1,668	0.000	1,159	0.000	1,386	0.000	0.000	0.000	2,026	0.001	0.001
1990	2,757.5	3,819.2	2,790	0.001	0.001	59	1,646	0.000	1,144	0.000	1,403	0.000	0.000	0.000	1,948	0.001	0.001
1991	2,715.6	3,632.4	2,664	0.001	0.001	60	1,586	0.000	1,079	0.000	1,361	0.000	0.000	0.000	1,922	0.001	0.001

Table 16—con.

Year	Lumber												Structural panels ^a																
	Expenditures			Total lumber			Softwood lumber			Hardwood lumber			Total structural panels			Softwood plywood			OSB			Nonstructural panels ^a							
	Current	2005	Total use	Current	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	2005	Total use	Total use	
\$	\$	($\times 10^9$) ^b	\$	\$	($\times 10^6$ bf)	(%)	($\times 10^6$ bf)	(bf)	\$	($\times 10^6$ bf)	(bf)	\$	($\times 10^6$ bf)	(bf)	\$	($\times 10^6$ ft ²)	(ft ²)	\$	($\times 10^6$ ft ²)	(ft ²)	(%)	($\times 10^6$ ft ²)	(ft ²)	\$	($\times 10^6$ ft ²)	(ft ²)	\$	($\times 10^6$ ft ²)	(ft ²)
1992	2,879.4	3,762.3	2,750	0.001	0.001	60	1,637	0.000	1,113	0.000	1,417	0.000	0.000	0.000	0.000	0.000	96	1,366	0.000	51	0.000	1,962	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1993	2,986.5	3,817.9	2,748	0.001	0.001	58	1,594	0.000	1,154	0.000	1,408	0.000	0.000	0.000	0.000	0.000	96	1,355	0.000	52	0.000	2,006	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1994	3,194.4	3,999.5	2,912	0.001	0.001	60	1,761	0.000	1,151	0.000	1,449	0.000	0.000	0.000	0.000	0.000	96	1,394	0.000	55	0.000	2,043	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1995	3,435.9	4,214.0	3,049	0.001	0.001	60	1,833	0.000	1,215	0.000	1,626	0.000	0.000	0.000	0.000	0.000	96	1,560	0.000	66	0.000	2,093	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1996	3,553.2	4,276.4	3,110	0.001	0.001	61	1,910	0.000	1,200	0.000	1,694	0.000	0.000	0.000	0.000	0.000	95	1,616	0.000	78	0.000	2,062	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1997	3,693.2	4,367.8	3,217	0.001	0.001	62	2,002	0.000	1,215	0.000	1,773	0.000	0.000	0.000	0.000	0.000	95	1,678	0.000	95	0.000	2,194	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1998	3,751.2	4,386.9	3,286	0.001	0.001	63	2,084	0.000	1,202	0.000	1,797	0.000	0.000	0.000	0.000	0.000	94	1,697	0.000	100	0.000	2,291	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1999	3,875.1	4,466.1	3,226	0.001	0.001	62	2,009	0.000	1,217	0.000	1,834	0.000	0.000	0.000	0.000	0.000	94	1,732	0.000	102	0.000	2,508	0.001	0.001	0.001	0.001	0.001	0.001	0.001
2000	4,054.2	4,573.5	3,220	0.001	0.001	63	2,023	0.000	1,197	0.000	1,866	0.000	0.000	0.000	0.000	0.000	95	1,776	0.000	91	0.000	2,825	0.001	0.001	0.001	0.001	0.001	0.001	0.001
2001	3,826.0	4,220.6	2,878	0.001	0.001	63	1,806	0.000	1,072	0.000	1,672	0.000	0.000	0.000	0.000	0.000	89	1,491	0.000	181	0.000	2,644	0.001	0.001	0.001	0.001	0.001	0.001	0.001
2002	3,768.3	4,090.8	2,686	0.001	0.001	62	1,658	0.000	1,028	0.000	1,589	0.000	0.000	0.000	0.000	0.000	92	1,460	0.000	130	0.000	2,708	0.001	0.001	0.001	0.001	0.001	0.001	0.001
2003	3,867.3	4,109.8	2,626	0.001	0.001	63	1,647	0.000	980	0.000	1,565	0.000	0.000	0.000	0.000	0.000	93	1,453	0.000	112	0.000	2,833	0.001	0.001	0.001	0.001	0.001	0.001	0.001
2004	4,147.7	4,286.2	2,578	0.001	0.001	61	1,569	0.000	1,009	0.000	1,591	0.000	0.000	0.000	0.000	0.000	94	1,493	0.000	99	0.000	3,183	0.001	0.001	0.001	0.001	0.001	0.001	0.001
2005	4,569.1	4,569.1	2,763	0.001	0.001	61	1,697	0.000	1,066	0.000	1,645	0.000	0.000	0.000	0.000	0.000	92	1,506	0.000	139	0.000	3,351	0.001	0.001	0.001	0.001	0.001	0.001	0.001
2006	4,842.3	4,689.5	2,751	0.001	0.001	62	1,717	0.000	1,034	0.000	1,686	0.000	0.000	0.000	0.000	0.000	94	1,587	0.000	99	0.000	3,632	0.001	0.001	0.001	0.001	0.001	0.001	0.001
2007	5,176.0	4,873.2	2,335	0.000	0.000	76	1,779	0.000	557	0.000	1,659	0.000	0.000	0.000	0.000	0.000	94	1,561	0.000	97	0.000	3,656	0.001	0.001	0.001	0.001	0.001	0.001	0.001
2008	5,340.5	4,922.9	2,293	0.000	0.000	78	1,797	0.000	496	0.000	1,806	0.000	0.000	0.000	0.000	0.000	95	1,708	0.000	98	0.000	3,621	0.001	0.001	0.001	0.001	0.001	0.001	0.001
2009 ^d	5,345.0	4,869.3	2,133	0.000	0.000	84	1,782	0.000	351	0.000	1,809	0.000	0.000	0.000	0.000	0.000	95	1,712	0.000	97	0.000	3,567	0.001	0.001	0.001	0.001	0.001	0.001	0.001

^a3/8-in. basis.

^bU.S. Department of Commerce, Bureau of the Census 2010a.

^cBased on table 1.1.9. Implicit Price Deflators for Gross Domestic Product (U.S. Department of Commerce, Bureau of Economic Analysis 2010).

^dPreliminary.

Table 17—Wood products consumption for packaging and shipping in the United States, 1950–2009

Year	Lumber												Structural panels ^a																							
	Expenditures				Total lumber				Softwood lumber				Hardwood lumber				Total structural panels				Softwood plywood				OSB ^b				Nonstructural panels ^a							
	Current		2005		Total		2005		Total		2005		Total		2005		Total		2005		Total		2005		Total		2005		Total		2005		Total		2005	
	\$	($\times 10^9$) ^b	\$	(bf)	\$	(bf)	%	($\times 10^6$ bf)	\$	(bf)	\$	(bf)	\$	(bf)	\$	(bf)	\$	(bf)	\$	(bf)	\$	(bf)	\$	($\times 10^6$ ft ²)	\$	($\times 10^6$ ft ²)	\$	($\times 10^6$ ft ²)	\$	($\times 10^6$ ft ²)	\$	($\times 10^6$ ft ²)	\$	($\times 10^6$ ft ²)		
1950	0.4	2.7	4,375	10,938	1,602	41	1,803	0.660	2,572	0.942	135	0.338	0.050	100	135	0.050	0	0.000	680	1.700	0.249															
1951	0.4	2.7	4,359	10,468	1,643	40	1,744	0.657	2,615	0.986	162	0.388	0.061	100	162	0.061	0	0.000	692	1.662	0.261															
1952	0.4	2.7	4,343	10,035	1,602	45	1,968	0.726	2,375	0.876	157	0.362	0.058	100	157	0.058	0	0.000	631	1.458	0.233															
1953	0.4	2.8	4,327	9,633	1,557	47	2,031	0.731	2,297	0.826	178	0.396	0.064	100	178	0.064	0	0.000	639	1.421	0.230															
1954	0.5	2.9	4,311	9,259	1,510	46	1,999	0.700	2,313	0.810	167	0.359	0.058	100	167	0.058	0	0.000	601	1.290	0.210															
1955	0.5	2.9	4,296	8,911	1,478	45	1,923	0.662	2,372	0.816	193	0.400	0.066	100	193	0.066	0	0.000	590	1.223	0.203															
1956	0.5	2.9	4,280	8,586	1,473	43	1,828	0.629	2,452	0.844	203	0.407	0.070	100	203	0.070	0	0.000	538	1.078	0.185															
1957	0.5	2.9	4,264	8,282	1,468	46	1,981	0.682	2,283	0.786	207	0.402	0.071	100	207	0.071	0	0.000	485	0.943	0.167															
1958	0.5	2.9	4,248	7,996	1,449	45	1,905	0.650	2,343	0.799	218	0.410	0.074	100	218	0.074	0	0.000	433	0.816	0.148															
1959	0.5	3.0	4,232	7,727	1,417	41	1,743	0.584	2,489	0.834	232	0.423	0.078	100	232	0.078	0	0.000	381	0.696	0.128															
1960	0.6	3.0	4,216	7,474	1,390	42	1,776	0.586	2,440	0.804	225	0.399	0.074	100	225	0.074	0	0.000	329	0.584	0.109															
1961	0.6	3.1	4,383	7,551	1,420	45	1,989	0.644	2,394	0.776	218	0.375	0.070	100	218	0.070	0	0.000	277	0.477	0.090															
1962	0.6	3.1	4,550	7,623	1,453	42	1,933	0.617	2,617	0.836	210	0.352	0.067	100	210	0.067	0	0.000	225	0.377	0.072															
1963	0.6	3.2	4,617	7,529	1,450	40	1,847	0.580	2,770	0.870	219	0.358	0.069	100	219	0.069	0	0.000	236	0.385	0.074															
1964	0.6	3.2	4,751	7,545	1,476	40	1,900	0.590	2,851	0.886	229	0.363	0.071	100	229	0.071	0	0.000	248	0.393	0.077															
1965	0.6	3.2	4,885	7,561	1,506	39	1,892	0.583	2,993	0.923	238	0.369	0.073	100	238	0.073	0	0.000	259	0.400	0.080															
1966	0.7	3.2	5,053	7,627	1,562	38	1,920	0.594	3,133	0.969	267	0.403	0.083	100	267	0.083	0	0.000	270	0.408	0.083															
1967	0.7	3.2	5,221	7,690	1,624	39	2,034	0.633	3,187	0.991	257	0.378	0.080	100	257	0.080	0	0.000	281	0.414	0.087															
1968	0.8	3.5	5,388	6,933	1,526	44	2,386	0.676	3,003	0.850	269	0.346	0.076	100	269	0.076	0	0.000	293	0.376	0.083															
1969	0.8	3.5	5,556	6,914	1,597	43	2,402	0.690	3,154	0.907	276	0.343	0.079	100	276	0.079	0	0.000	304	0.378	0.087															
1970	0.7	2.8	5,724	8,367	2,035	44	2,540	0.903	3,184	1.132	288	0.422	0.103	100	288	0.103	0	0.000	315	0.460	0.112															
1971	0.7	2.6	5,368	8,033	2,051	43	2,323	0.887	3,046	1.164	262	0.392	0.100	100	262	0.100	0	0.000	275	0.411	0.105															
1972	0.7	2.8	5,734	7,760	2,067	45	2,589	0.933	3,145	1.134	274	0.371	0.099	100	274	0.099	0	0.000	272	0.368	0.098															
1973	0.9	3.1	6,508	7,408	2,083	46	2,979	0.953	3,529	1.129	305	0.347	0.097	100	305	0.097	0	0.000	285	0.324	0.091															
1974	1.0	3.4	7,173	6,848	2,100	48	3,460	1.013	3,713	1.087	329	0.314	0.096	100	329	0.096	0	0.000	288	0.275	0.084															
1975	0.9	2.8	5,890	6,307	2,117	50	2,936	1.055	2,954	1.062	264	0.283	0.095	100	264	0.095	0	0.000	215	0.230	0.077															
1976	1.0	2.8	5,917	6,009	2,132	48	2,811	1.013	3,106	1.119	260	0.264	0.094	100	260	0.094	0	0.000	195	0.198	0.070															
1977	1.1	3.0	6,431	5,624	2,123	46	2,954	0.975	3,477	1.148	295	0.258	0.098	100	295	0.097	0	0.000	194	0.169	0.064															
1978	1.4	3.6	7,505	5,230	2,113	49	3,704	1.043	3,801	1.070	348	0.243	0.098	100	348	0.098	0	0.000	222	0.155	0.062															
1979	1.7	3.8	7,983	4,808	2,104	49	3,902	1.028	4,082	1.076	396	0.238	0.104	100	396	0.104	0	0.000	225	0.136	0.059															
1980	1.7	3.6	7,486	4,388	2,095	45	3,378	0.945	4,108	1.150	386	0.226	0.108	100	386	0.108	1	0.000	194	0.114	0.054															
1981	1.7	3.3	6,857	3,992	2,085	54	3,693	1.123	3,164	0.962	378	0.220	0.115	100	377	0.115	1	0.000	177	0.103	0.054															
1982	1.6	2.9	5,917	3,745	2,075	46	2,715	0.952	3,202	1.123	340	0.215	0.119	100	339	0.119	1	0.000	163	0.103	0.057															
1983	1.6	2.8	5,623	3,472	2,000	40	2,271	0.808	3,352	1.192	323	0.200	0.115	99	321	0.114	2	0.001	160	0.099	0.057															
1984	1.9	3.2	6,582	3,456	2,066	37	2,461	0.772	4,121	1.293	394	0.207	0.124	99	390	0.122	3	0.001	183	0.096	0.057															
1985	1.8	3.0	6,126	3,338	2,056	38	2,352	0.789	3,774	1.266	380	0.207	0.127	99	375	0.126	5	0.002	165	0.090	0.055															
1986	1.8	2.9	5,902	3,236	2,036	34	1,983	0.684	3,919	1.352	395	0.217	0.136	99	390	0.135	5	0.002	150	0.082	0.052															
1987	2.0	3.1	6,103	3,047	1,973	32	1,953	0.631	4,150	1.342	416	0.207	0.134	98	409	0.132	6	0.002	152	0.076	0.049															
1988	2.1	3.2	6,038	2,847	1,907	33	2,005	0.633	4,032	1.274	419	0.197	0.132	98	411	0.130	8	0.002	146	0.069	0.046															
1989	2.5	3.5	6,500	2,648	1,841	32	2,080	0.589	4,420	1.252	459	0.187	0.130	98	450	0.127	10	0.003	138	0.056	0.039															
1990	2.7	3.7	6,597	2,457	1,774	32	2,111	0.568	4,486	1.206	475	0.177	0.128	98	466	0.125	10	0.003	135	0.050	0.036															

Table 17—con.

Year	Lumber												Structural panels ^a																					
	Expenditures				Total lumber				Softwood lumber				Hardwood lumber				Total structural panels			Softwood plywood			OSB ^b			Nonstructural panels ^a								
	Current		2005		Total		Current		2005		Total		2005		Total		2005		Total		2005		Total		2005		Total		2005		Total		2005	
	\$	($\times 10^9$) ^b	\$	($\times 10^9$) ^c	($\times 10^6$ bf)	(%)	Total use	($\times 10^6$ bf)	\$	(bf)	\$	(bf)	Total use	($\times 10^6$ bf)	\$	(bf)	\$	(bf)	Total use	($\times 10^6$ bf)	\$	(bf)	Total use	($\times 10^6$ ft ²)	\$	(ft ²)	Total use	($\times 10^6$ ft ²)	\$	(ft ²)	Total use	($\times 10^6$ ft ²)	\$	(ft ²)
1991	2.7	3.7	6,238	2,285	1,708	34	2,114	0.579	4,124	1.129	459	0.168	0.126	98	449	0.123	10	0.003	131	0.048	0.036													
1992	2.8	3.6	5,985	2,146	1,643	33	1,969	0.541	4,016	1.102	444	0.159	0.122	98	433	0.119	11	0.003	123	0.044	0.034													
1993	3.1	4.0	6,261	2,013	1,575	31	1,941	0.488	4,320	1.086	457	0.147	0.115	97	445	0.112	12	0.003	128	0.041	0.032													
1994	3.6	4.5	6,854	1,888	1,508	34	2,328	0.512	4,526	0.996	495	0.136	0.109	97	482	0.106	14	0.003	133	0.037	0.029													
1995	3.9	4.8	6,857	1,768	1,442	34	2,299	0.483	4,558	0.958	533	0.137	0.112	97	517	0.109	16	0.003	126	0.032	0.026													
1996	3.9	4.7	6,405	1,655	1,375	35	2,242	0.481	4,163	0.894	516	0.133	0.111	97	499	0.107	17	0.004	110	0.028	0.024													
1997	4.3	5.1	6,984	1,620	1,370	37	2,575	0.505	4,409	0.865	571	0.132	0.112	96	550	0.108	21	0.004	120	0.028	0.024													
1998	4.5	5.3	7,235	1,595	1,364	39	2,838	0.535	4,397	0.829	598	0.132	0.113	96	576	0.109	22	0.004	125	0.028	0.024													
1999	4.7	5.4	7,299	1,560	1,353	38	2,772	0.514	4,527	0.839	635	0.136	0.118	96	608	0.113	27	0.005	136	0.029	0.025													
2000	4.9	5.5	7,355	1,514	1,342	39	2,854	0.521	4,501	0.821	657	0.135	0.120	98	642	0.117	15	0.003	151	0.031	0.028													
2001	4.5	5.0	6,270	1,385	1,256	41	2,582	0.517	3,689	0.739	602	0.133	0.121	92	552	0.111	50	0.010	140	0.031	0.028													
2002	4.7	5.1	6,430	1,367	1,259	44	2,809	0.550	3,621	0.709	693	0.147	0.136	85	591	0.116	102	0.020	143	0.030	0.028													
2003	4.7	5.0	6,179	1,317	1,239	45	2,793	0.560	3,386	0.679	742	0.158	0.149	80	592	0.119	150	0.030	144	0.031	0.029													
2004	5.3	5.4	6,561	1,245	1,205	47	3,104	0.570	3,458	0.635	870	0.165	0.160	75	653	0.120	218	0.040	168	0.032	0.031													
2005	5.7	5.7	6,842	1,200	1,200	48	3,307	0.580	3,535	0.620	961	0.169	0.169	70	676	0.119	285	0.050	170	0.030	0.030													
2006	6.2	6.0	7,234	1,162	1,200	49	3,557	0.590	3,677	0.610	1,090	0.175	0.181	67	729	0.121	362	0.060	256	0.041	0.042													
2007	6.9	6.5	7,848	1,130	1,200	50	3,924	0.600	3,924	0.600	1,203	0.173	0.184	62	746	0.114	458	0.070	277	0.040	0.042													
2008	7.0	6.5	7,640	1,088	1,180	49	3,755	0.580	3,885	0.600	1,185	0.169	0.183	62	732	0.113	453	0.070	268	0.038	0.041													
2009 ^d	6.5	5.9	6,691	1,029	1,130	49	3,257	0.550	3,434	0.580	1,084	0.167	0.183	62	669	0.113	415	0.070	244	0.037	0.041													

^a3/8-in. basis.

^bU.S. Department of Commerce, Bureau of the Census 2010a.

^cBased on table 1.1.9, Implicit Price Deflators for Gross Domestic Product (U.S. Department of Commerce, Bureau of Economic Analysis 2010).

^dPreliminary.

Table 18—Wood products consumption for all other uses including corrections in the United States, 1950–2009

Year	Lumber				Structural panels ^a			Nonstructural panels ^a	
	Total use (×10 ⁶ bf)	Softwood		Hardwood	Total use (Mil ft ²)	Softwood plywood			OSB
		Total (%)	Total use (×10 ⁶ bf)	Total use (×10 ⁶ bf)		Total (%)	Total use (×10 ⁶ ft ²)		Total use (×10 ⁶ ft ²)
1950	11,812	96	11,359	453	153	100	153	0	231
1951	12,599	96	12,096	503	172	100	172	0	231
1952	12,379	96	11,909	470	182	100	182	0	235
1953	11,886	96	11,401	485	220	100	220	0	258
1954	9,966	95	9,472	494	234	100	234	0	295
1955	9,713	94	9,171	542	304	100	304	0	534
1956	12,511	95	11,924	587	314	100	314	0	917
1957	9,531	94	8,967	564	327	100	327	0	725
1958	9,240	94	8,641	599	380	100	380	0	1,075
1959	11,579	94	10,898	682	466	100	466	0	1,603
1960	8,824	92	8,161	664	700	100	700	0	918
1961	7,252	92	6,707	545	1,025	100	1,025	0	1,059
1962	7,349	93	6,851	498	1,315	100	1,315	0	1,367
1963	7,819	88	6,898	921	1,217	100	1,217	0	1,245
1964	9,243	91	8,422	821	2,255	100	2,255	0	1,640
1965	8,128	92	7,486	643	2,263	100	2,263	0	1,469
1966	10,098	91	9,197	901	2,602	100	2,602	0	1,581
1967	7,585	92	6,977	608	2,565	100	2,565	0	1,049
1968	6,387	91	5,825	562	2,928	100	2,928	0	1,734
1969	6,473	91	5,917	556	1,925	100	1,925	0	2,339
1970	6,666	92	6,153	513	2,846	100	2,846	0	1,815
1971	5,013	90	4,494	519	2,403	100	2,403	0	2,483
1972	3,283	84	2,760	522	2,035	100	2,035	0	3,227
1973	4,386	88	3,838	547	2,070	100	2,066	4	3,040
1974	3,552	85	3,031	521	2,066	100	2,060	6	1,727
1975	3,808	88	3,368	440	2,715	100	2,708	7	1,071
1976	4,285	89	3,804	480	2,564	100	2,556	8	1,775
1977	3,310	84	2,795	515	1,152	99	1,143	9	947
1978	2,245	76	1,710	535	1,190	99	1,180	11	994
1979	2,551	78	1,993	558	1,164	99	1,152	12	928
1980	1,135	92	1,047	88	987	95	942	46	767
1981	1,361	78	1,063	298	2,156	97	2,097	59	722
1982	3,851	88	3,381	469	2,366	95	2,241	125	740
1983	6,853	89	6,069	784	3,244	89	2,888	356	2,367
1984	4,377	86	3,785	592	1,584	66	1,040	544	1,390
1985	3,640	84	3,068	572	1,402	71	995	407	1,430
1986	4,480	86	3,863	617	1,734	62	1,078	655	1,062
1987	7,796	91	7,112	684	2,610	63	1,643	967	2,109
1988	5,694	89	5,044	650	2,123	51	1,085	1,038	1,996
1989	8,421	90	7,588	833	1,619	62	999	620	926
1990	6,959	86	5,953	1,006	2,086	46	967	1,119	878
1991	6,394	90	5,769	625	1,894	58	1,102	792	837
1992	6,721	90	6,080	641	1,567	57	897	670	895
1993	5,987	87	5,227	760	1,623	55	897	726	1,212
1994	5,472	87	4,774	698	1,708	54	924	784	2,205
1995	7,647	91	6,931	716	1,752	52	908	844	2,459
1996	7,465	91	6,758	707	1,895	48	901	994	2,692
1997	8,927	92	8,193	734	1,929	43	826	1,104	3,848
1998	7,783	91	7,050	733	2,089	41	860	1,229	3,087
1999	9,500	91	8,670	830	2,168	40	867	1,300	3,230
2000	9,682	91	8,825	857	3,122	27	858	2,264	3,407
2001	10,424	88	9,206	1,218	2,744	28	762	1,981	3,204
2002	11,563	87	10,058	1,505	3,702	21	787	2,915	3,286
2003	11,290	90	10,171	1,119	3,838	20	780	3,058	3,533
2004	15,280	89	13,654	1,626	3,951	18	718	3,234	3,917
2005	13,506	89	11,984	1,521	3,716	27	1,014	2,701	3,869
2006	12,011	89	10,653	1,358	4,213	18	747	3,466	3,393
2007	9,331	83	7,790	1,541	3,679	17	633	3,046	2,986
2008	7,210	82	5,891	1,319	2,811	13	372	2,439	2,191
2009 ^b	4,090	88	3,583	507	1,643	10	163	1,480	2,769

^a3/8-in. basis.^bPreliminary.