

HARDWOOD PLYWOOD
&
VENEER ASSOCIATION

HARDWOOD STOCK PANELS

ANNUAL STATISTICAL REPORT
FOR
CALENDAR YEAR 2011



TOTAL NORTH AMERICAN PRODUCTION OF STOCK PANELS

The total North American production of stock panels in 2011 was 766,057,949 ft², a .13% increase from the 2010 level of 765,052,429 ft². Of the 2011 reported production 694,679,349 ft² (91%) was unfinished production and 71,378,600 ft² (9%) was prefinished production.

Figure 1 - Total North American Production of Hardwood Plywood Stock Panels (Unfinished and Prefinished)

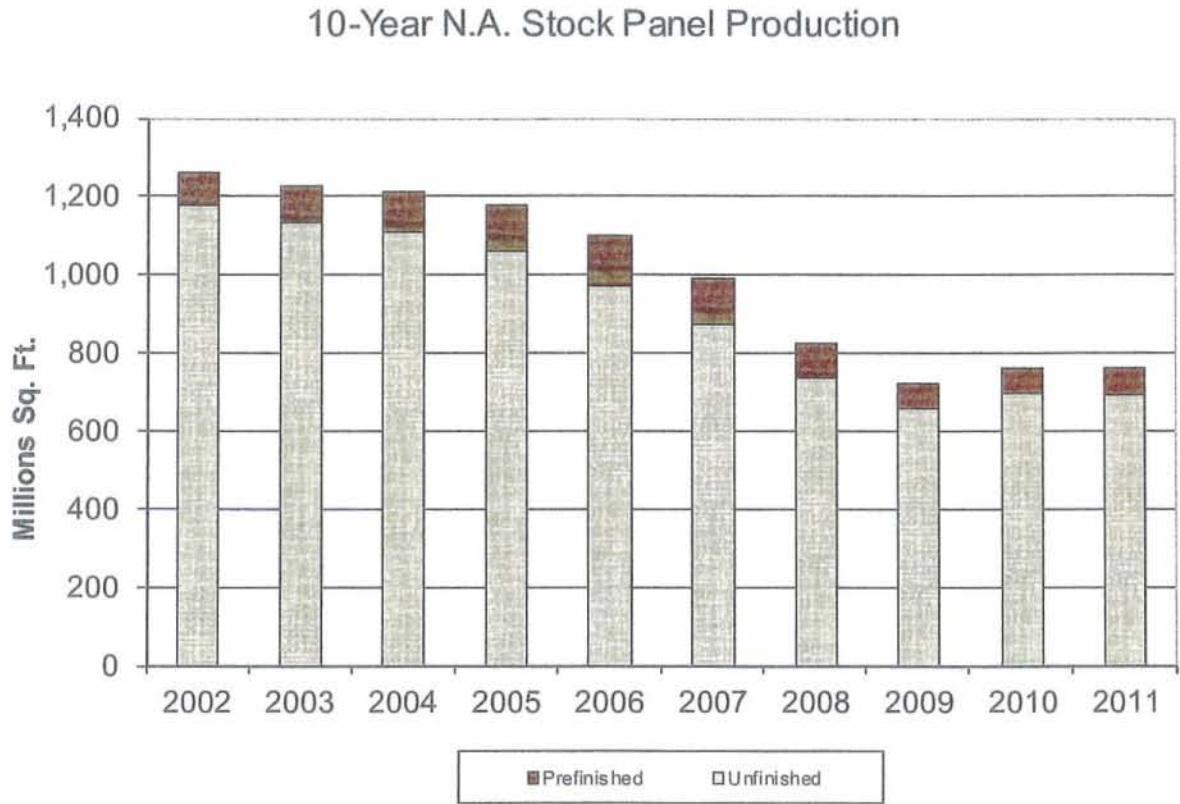


Table 1 - Total North American Stock Panel Production (ft²)

	2006	2007	2008	2009	2010	2011
Unfinished	973,332,588	874,127,117	738,939,317	661,657,125	699,857,547	694,679,349
Prefinished	125,849,722	119,605,085	88,202,195	63,340,633	65,194,883	71,378,600
Total	1,099,182,310	993,732,202	827,141,512	724,997,758	765,052,429	766,057,949

TOTAL NORTH AMERICAN PRODUCTION BY CORE

Figure 4 and Table 4 present the total North American production of hardwood plywood stock panels (unfinished and prefinished) by core type.

Figure 4 – Total North American Production of Stock Panels by Core

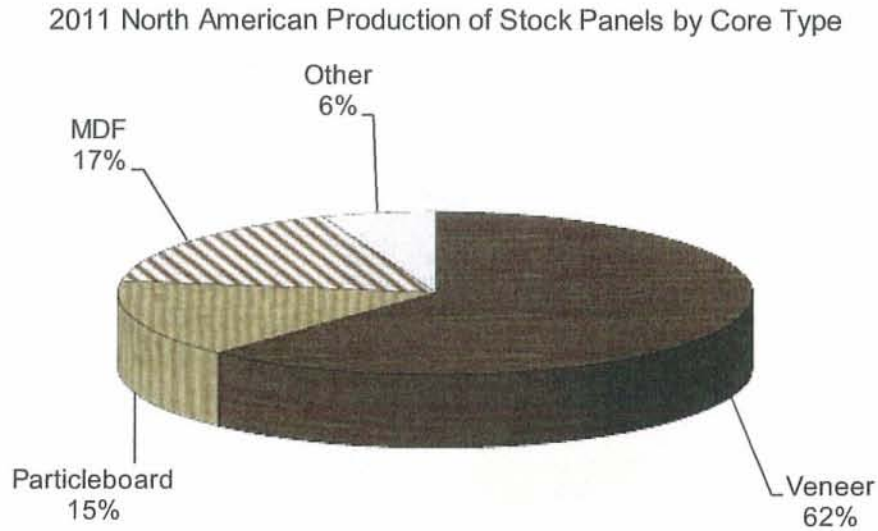


Table 4 – Total North American Production of Stock Panels by Core (ft²)

Core	2010	2011	%Change
VENEER	471,903,145	474,591,073	1%
PARTICLEBD	110,561,128	117,655,226	6%
LUMBER	551,504	540,026	-2%
MDF	129,603,643	129,199,225	0%
OSB	4,599,957	650,944	-86%
COMBINATION	46,004,852	41,890,849	-9%
ALL OTHER	1,828,202	1,530,606	-16%
TOTAL	765,052,429	766,057,949	0.13%

RESIN USAGE

Figure 49 represents the breakdown of the 2011 total North American resin usage by type. The total resin used in 2011 was 80,140,203 lbs. This was a -1% decrease from the 2010 total of 81,036,667 lbs. Table 38 shows the historical breakdown of resin by type.

Figure 49 – Total North American Resin by Type

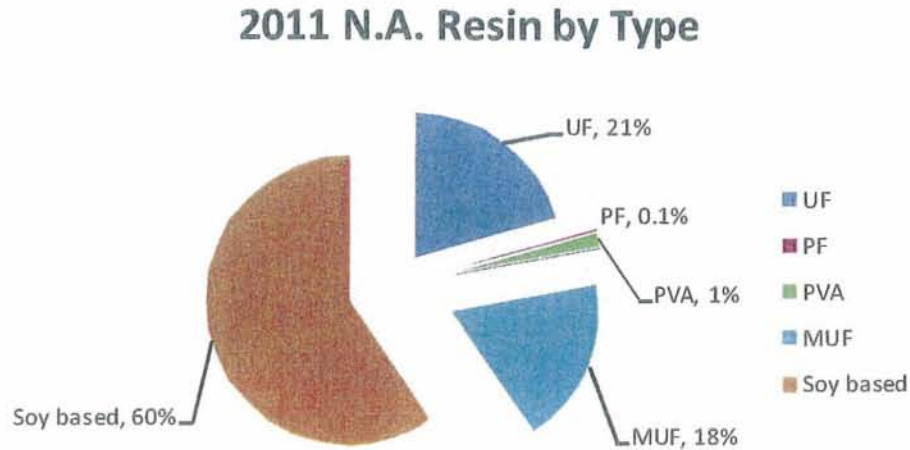


Table 38 – Historical Total North American Resin by Type⁷

	UF	PF	PVA	pMDI	MUF	Soy Based	ULEF	Total lbs.
2008	35%	0%	1%	0%	11%	51%	3%	95,661,385
2009	23%	0%	2%	0%	15%	56%	4%	80,462,290
2010	25%	0%	1%	0%	15%	57%	2%	81,036,667
2011	21%	0%	1%	0%	18%	60%	0%	80,140,203

⁷ For both 2008 and 2009, annual resin data was estimated for companies based on the companies' reported data for whichever year they did not participate. (2008 had 15 participants and 2009 had 23 participants).

TOTAL NORTH AMERICAN COUNTRY OF ORIGIN

Table 39 shows the total square footage reported for Veneer and MDF in the country of origin data for 2008 through 2011. There was an overall 33% decrease from 2010.

Table 39 – Breakdown by Type of Core and Product (sq. ft.)⁸

	Veneer			MDF			COMBINED
	Unfinished	Prefinished	Total	Unfinished	Prefinished	Total	Total
2008			94,171,279			30,531,537	124,702,816
2009	60,691,480	1,595,563	62,287,043	30,838,611	3,167,272	34,005,883	96,292,926
2010	98,177,182	2,770,038	100,947,220	40,005,428	6,211,533	46,216,961	147,164,180
2011	77,289,465	3,198,192	80,487,657	17,970,373	450,000	18,420,373	98,908,030
Change 10-11			-20%			-60%	-33%

Figure 50 shows the 2011 country of origin for total North American veneer core. The top countries of origin were Canada (73%), Africa (15%) and China (4%).

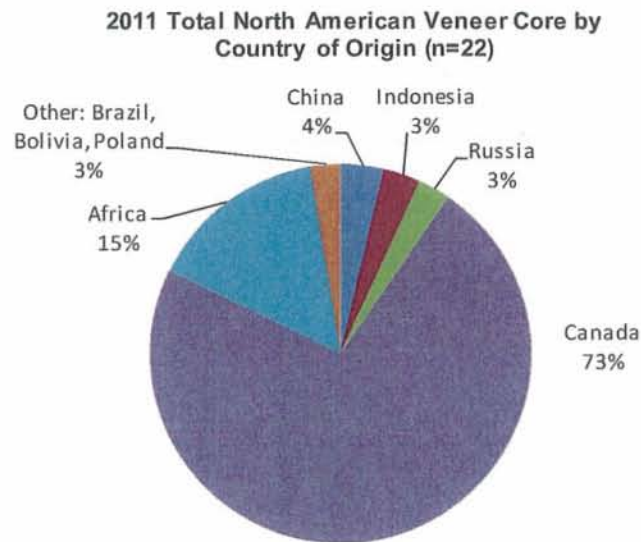


Figure 50 – Total N.A. Veneer Core by Country of Origin

⁸ Due to the response rate, 2008 data could not be broken down beyond the totals provided.

TOTAL NORTH AMERICAN COUNTRY OF ORIGIN

Figure 51 shows the 2011 country of origin for total North American MDF core. The top countries of origin were New Zealand (76%) and Canada (24%).

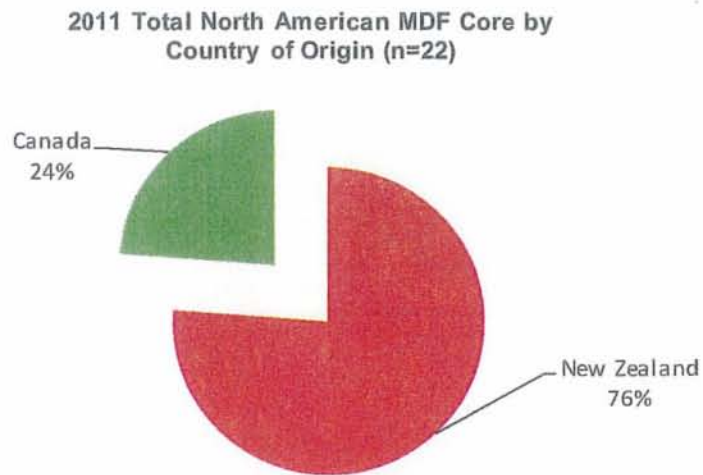


Figure 51 – Total N.A. MDF Core by Country of Origin

UNFINISHED NORTH AMERICAN COUNTRY OF ORIGIN

Figure 52 represents Unfinished Veneer Core by Country of Origin. The 2011 leading countries of origin were Canada (76%), Africa (13%), China (4%) and Indonesia (3%). The 2010 leading countries of origin were Canada (74%), Africa (11%), Poland (6%) and Russia (3%) and in 2009 the leaders were Canada (66%), Africa (20%) and Poland (10%).

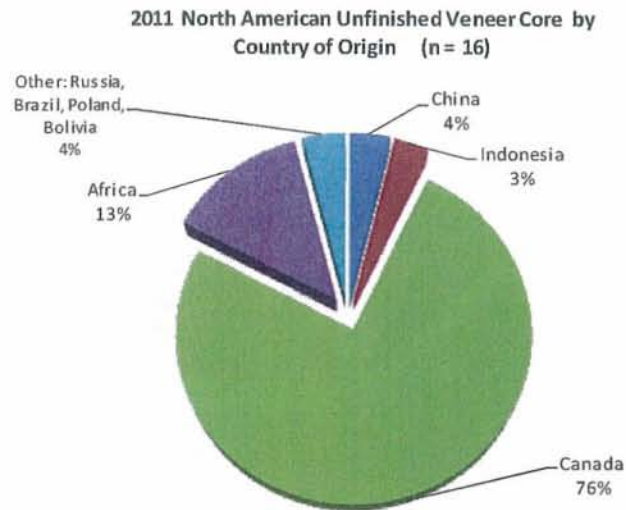


Figure 52 – N.A. Unfinished Veneer Core Country of Origin

Figure 53 shows the 2011 Unfinished MDF Core by Country of Origin. The leading countries of origin were Canada (76%) and Africa (24%). The 2010 leading countries of origin were New Zealand (73%), United States (14%) and Canada (12%) and in 2009 the leaders were New Zealand (65%), United States (21%) and Canada (15%).

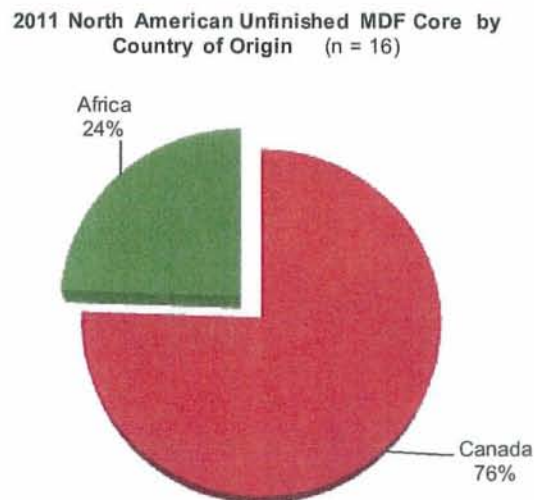


Figure 53 – N.A. Unfinished MDF Core Country of Origin

PREFINISHED NORTH AMERICAN COUNTRY OF ORIGIN

Figure 54 represents 2011 Prefinished Veneer Core by Country of Origin. The 2010 leading countries of origin were Russia (47%), Africa (22%) and China (26%). In 2009, the leaders were Africa (42%), Russia (34%) and Poland (13%).

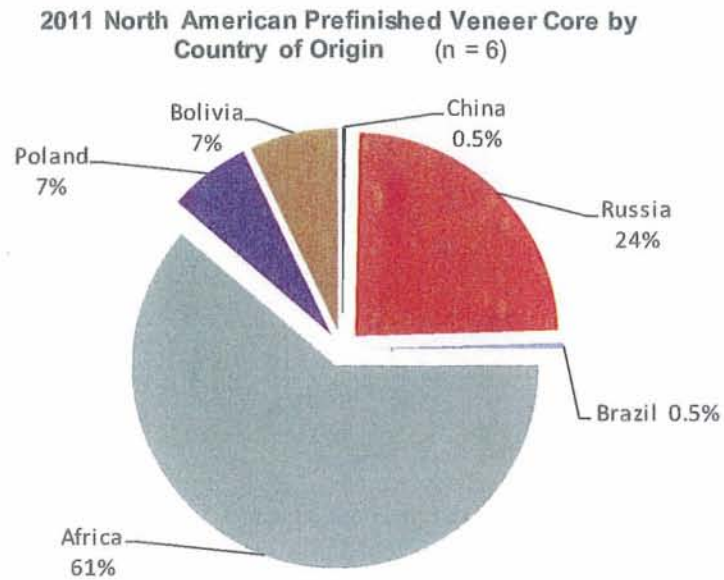


Figure 54 – N.A. Prefinished Veneer Core Country of Origin

2011 North American Prefinished MDF Core by Country of Origin (n=6) was 100% New Zealand.

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----- End HPVA 2010 Stock Panel Report -----