



NORTH CAROLINA  
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

# SNAPSHOT OF FOREST PRODUCTS MARKETS IN NC

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Utilization Forester

Piedmont Chapter - Society of American Foresters  
Winston-Salem, NC  
September 7, 2017



*To protect, manage and promote forest resources  
for the citizens of North Carolina*

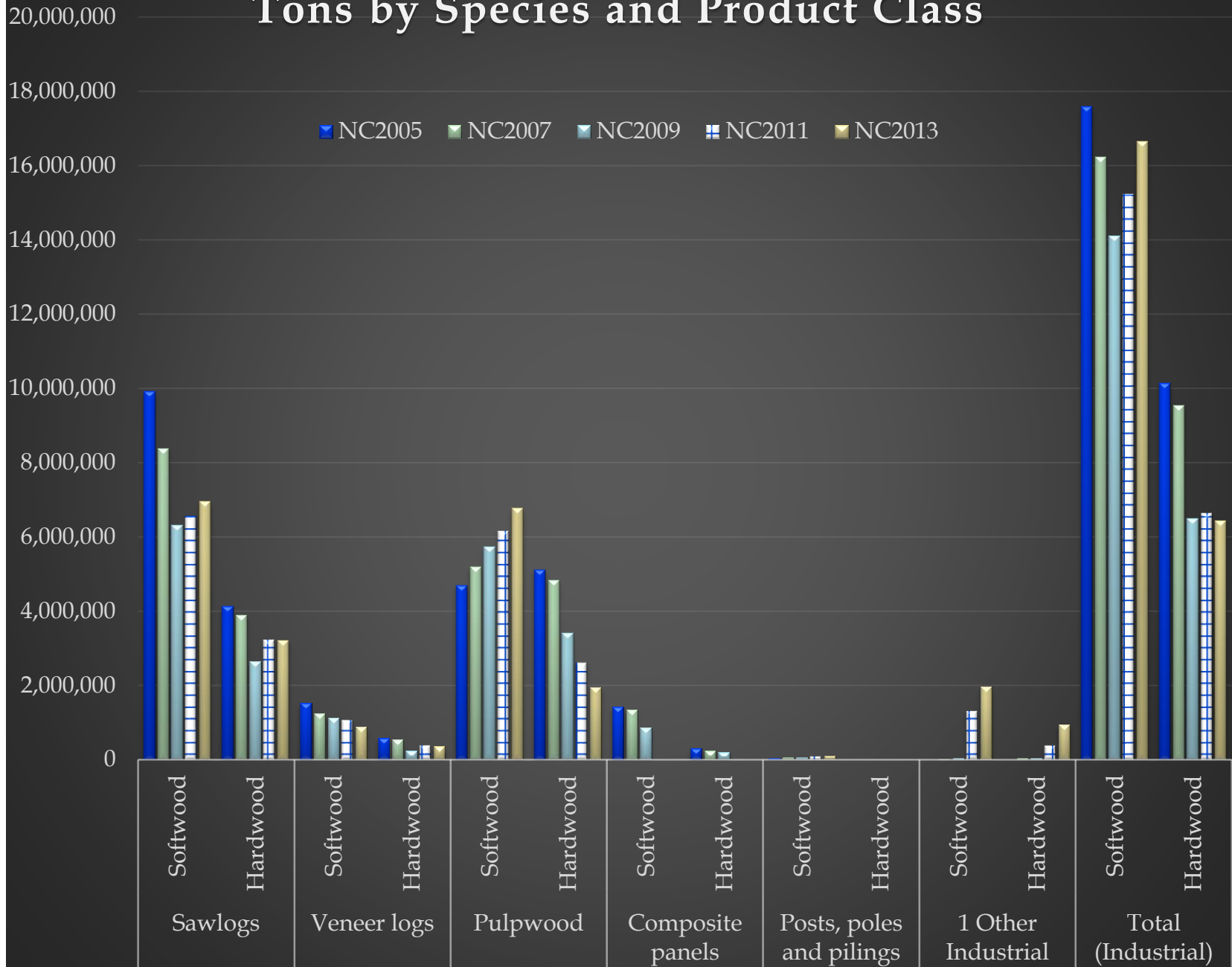


Core Table 2. — Volume of industrial timber harvested by timber product, major species group and year, [user title]

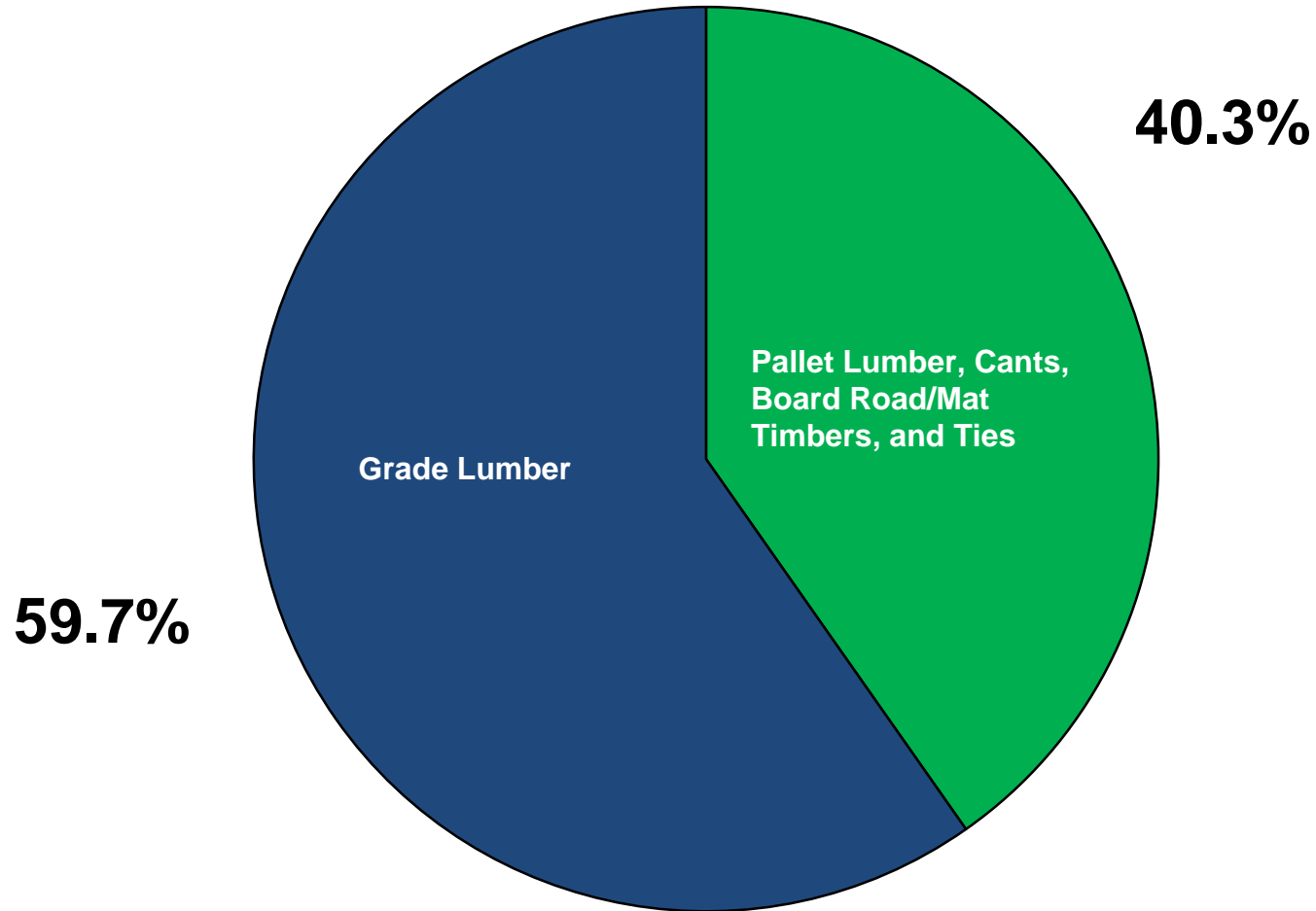
Product	Major Species Group	NC2005	NC2007	NC2009	NC2011	NC2013
			tons			
Sawlogs	Softwood	9,915,223	8,383,573	6,301,769	6,575,732	6,956,279
	Hardwood	4,127,780	3,882,962	2,636,034	3,250,949	3,203,256
	Total	14,043,003.0	12,266,534.0	8,937,803.0	9,826,681.0	10,159,534.0
Veneer logs	Softwood	1,519,280	1,230,549	1,127,353	1,073,759	872,835
	Hardwood	577,692	542,814	229,204	386,941	352,801
	Total	2,096,971.0	1,773,363.0	1,356,557.0	1,460,700.0	1,225,636.0
Pulpwood	Softwood	4,692,336	5,186,256	5,729,535	6,174,348	6,770,071
	Hardwood	5,116,633	4,829,714	3,399,737	2,628,097	1,948,251
	Total	9,808,969.0	10,015,970.0	9,129,272.0	8,802,445.0	8,718,322.0
Composite panels	Softwood	1,409,250	1,350,208	858,539	0	0
	Hardwood	309,522	237,858	190,019	0	0
	Total	1,718,771.0	1,588,066.0	1,048,557.0	0.0	0.0
Posts, poles and pilings	Softwood	45,814	56,232	55,972	88,459	88,459
	Hardwood	0	0	0	0	0
	Total	45,814.0	56,232.0	55,972.0	88,459.0	88,459.0
<sup>1</sup> Other Industrial	Softwood	2,433	25,426	36,080	1,319,689	1,957,303
	Hardwood	823	37,423	39,372	384,809	933,202
	Total	3,256.0	62,848.0	75,452.0	1,704,498.0	2,890,505.0
Total (Industrial)	Softwood	17,584,336	16,232,243	14,109,247	15,231,988	16,644,947
	Hardwood	10,132,449	9,530,770	6,494,366	6,650,796	6,437,510
	Total	27,716,785.0	25,763,013.0	20,603,613.0	21,882,783.0	23,082,457.0
<sup>1</sup> Residential Fuelwood	Softwood	315,493	304,699	355,172	1,957,494	2,523,108
	Hardwood	1,796,543	1,728,285	2,011,051	0	0
	Total	2,112,036.0	2,032,984.0	2,366,223.0	1,957,494.0	2,523,108.0
Total	Softwood	17,899,829	16,536,942	14,464,419	17,189,482	19,168,056
	Hardwood	11,928,992	11,259,054	8,505,418	6,650,796	6,437,510
	Total	29,828,821.0	27,795,996.0	22,969,837.0	23,840,277.0	25,605,566.0



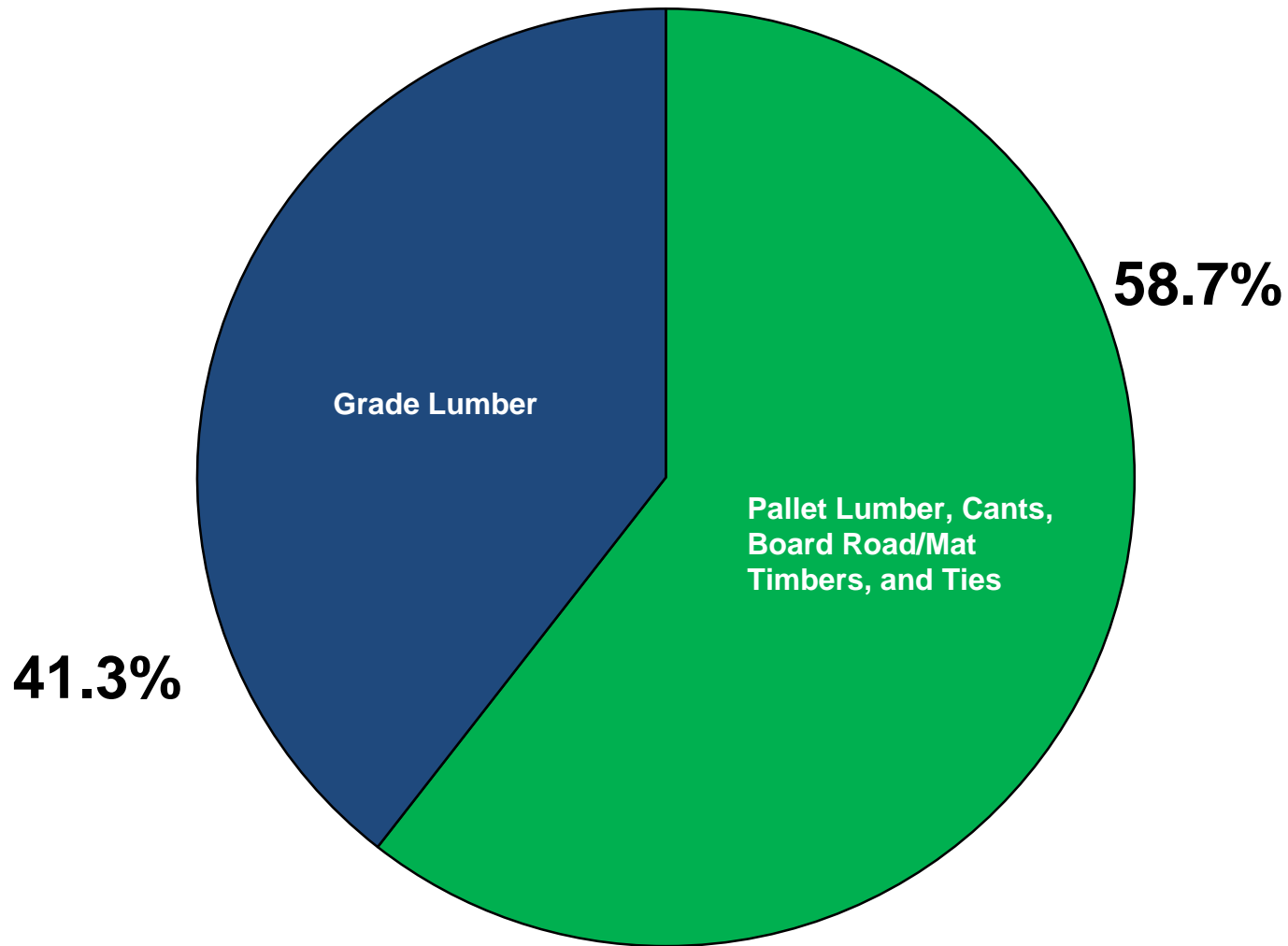
# Tons by Species and Product Class



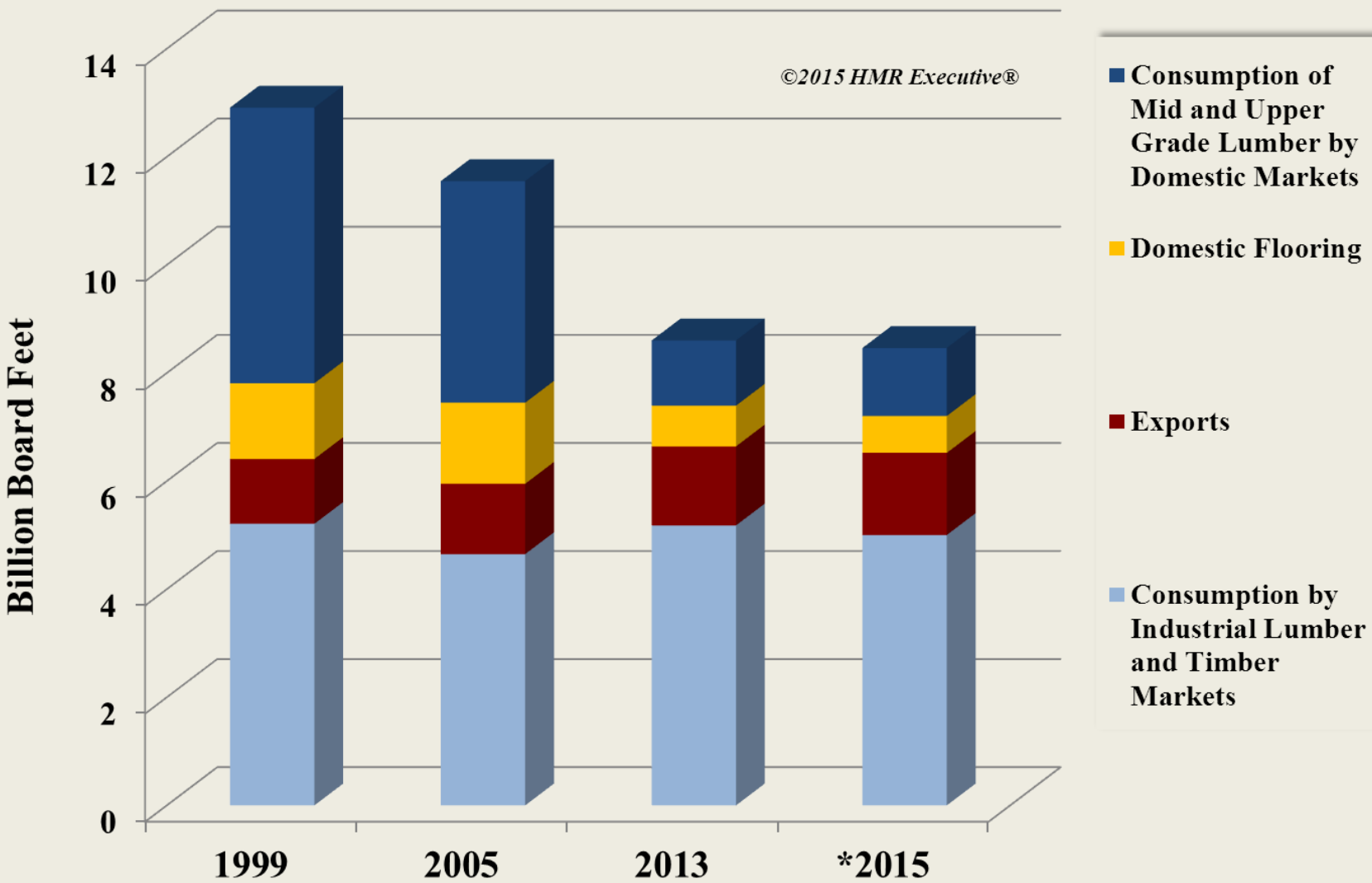
# Hardwood Consumption 2005



# Hardwood Consumption 2014



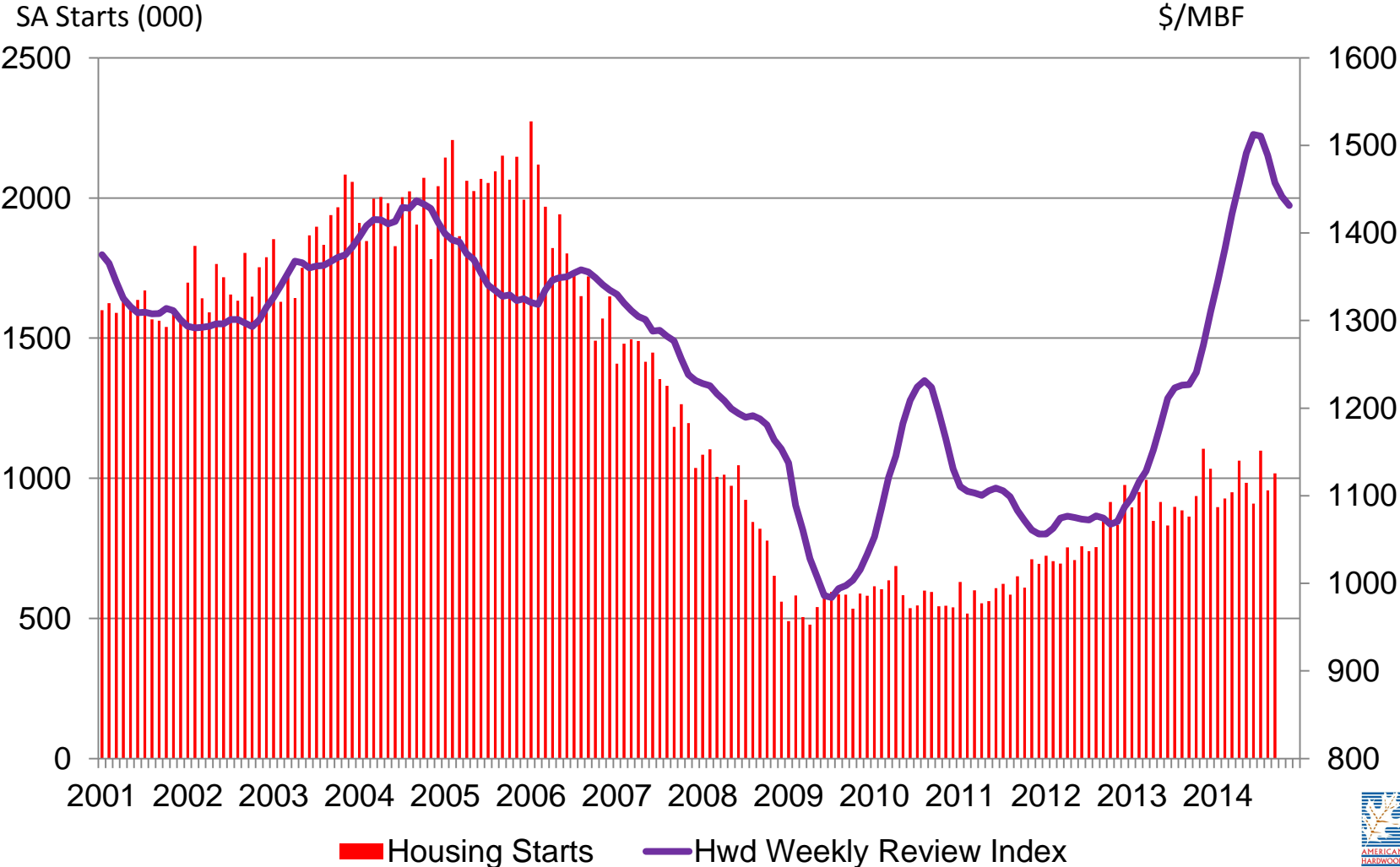
# Consumption of Grade and Industrial Hardwood Lumber by US Major Market Sectors



Source: Hardwood Market Report



# Housing Starts and Hardwood Prices



Source: Census Bureau; Hardwood Weekly Review





# Think Global

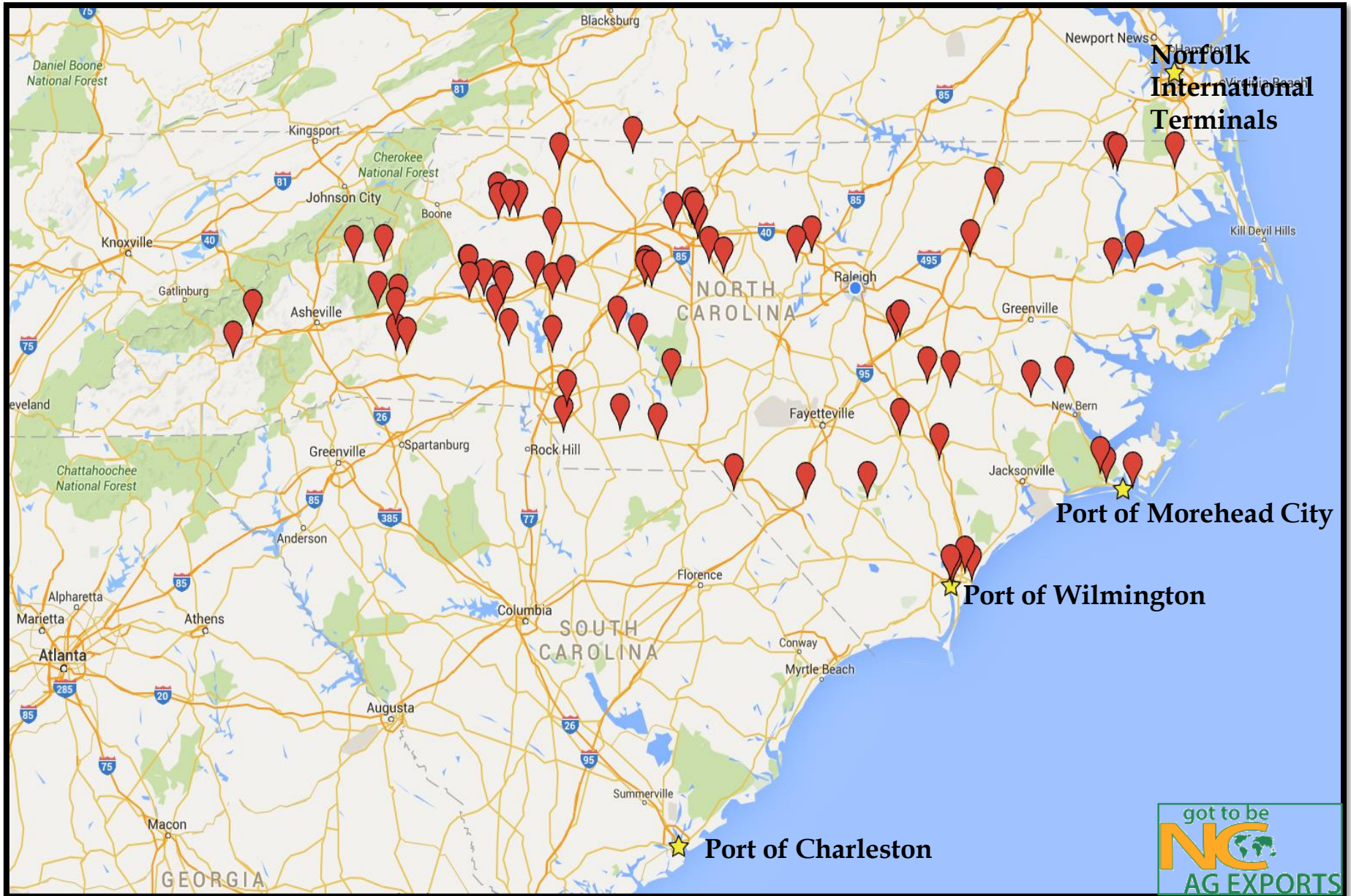


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# N.C. Wood Product Exporters





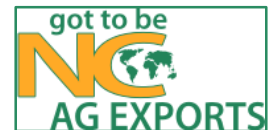
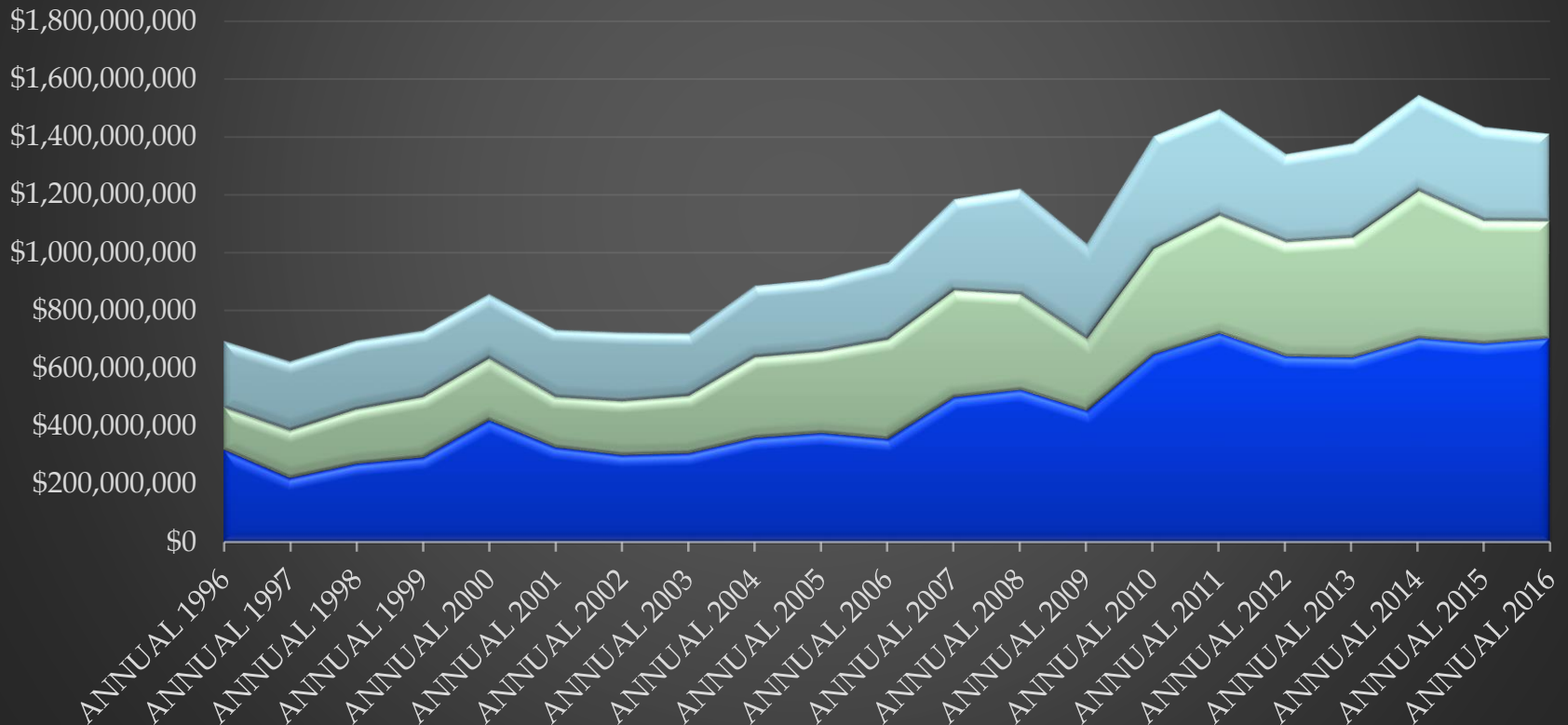
## Important to Note

- ▣ Values reported are “current” or “nominal” dollars
- ▣ Export values are assigned to “last address” on record for state designation

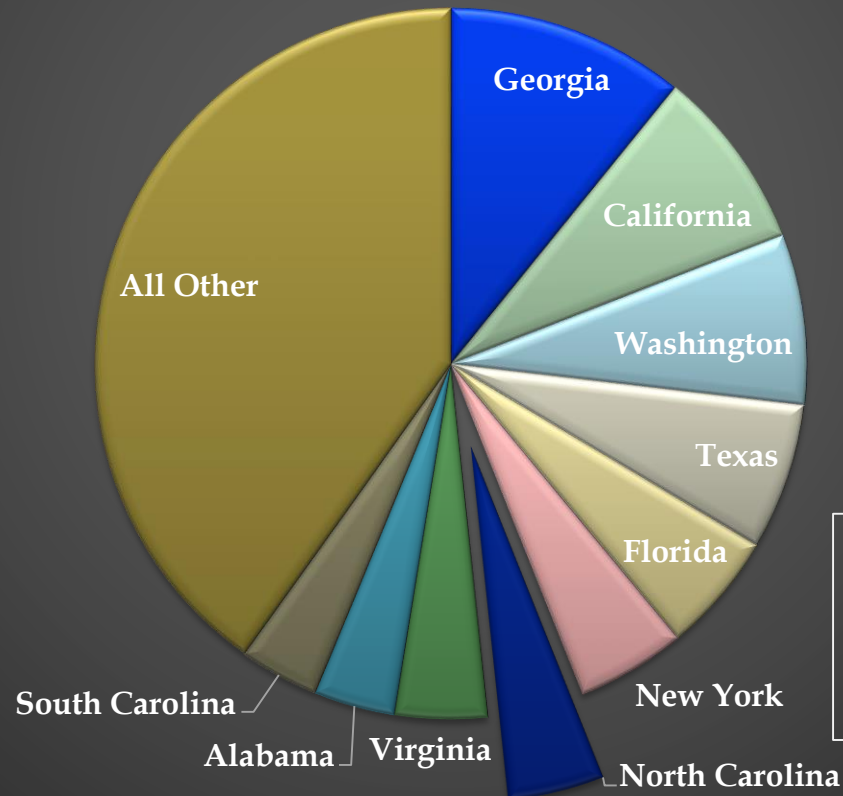


# N.C. Forestry Product Exports in USD (Paper, Wood & Wood Pulp)

- 48 Paper & Paperboard & Articles (Inc Papr Pulp Artl)
- 44 Wood And Articles Of Wood; Wood Charcoal
- 47 Wood Pulp Etc; Recovd (Waste & Scrap) Ppr & Pprbd



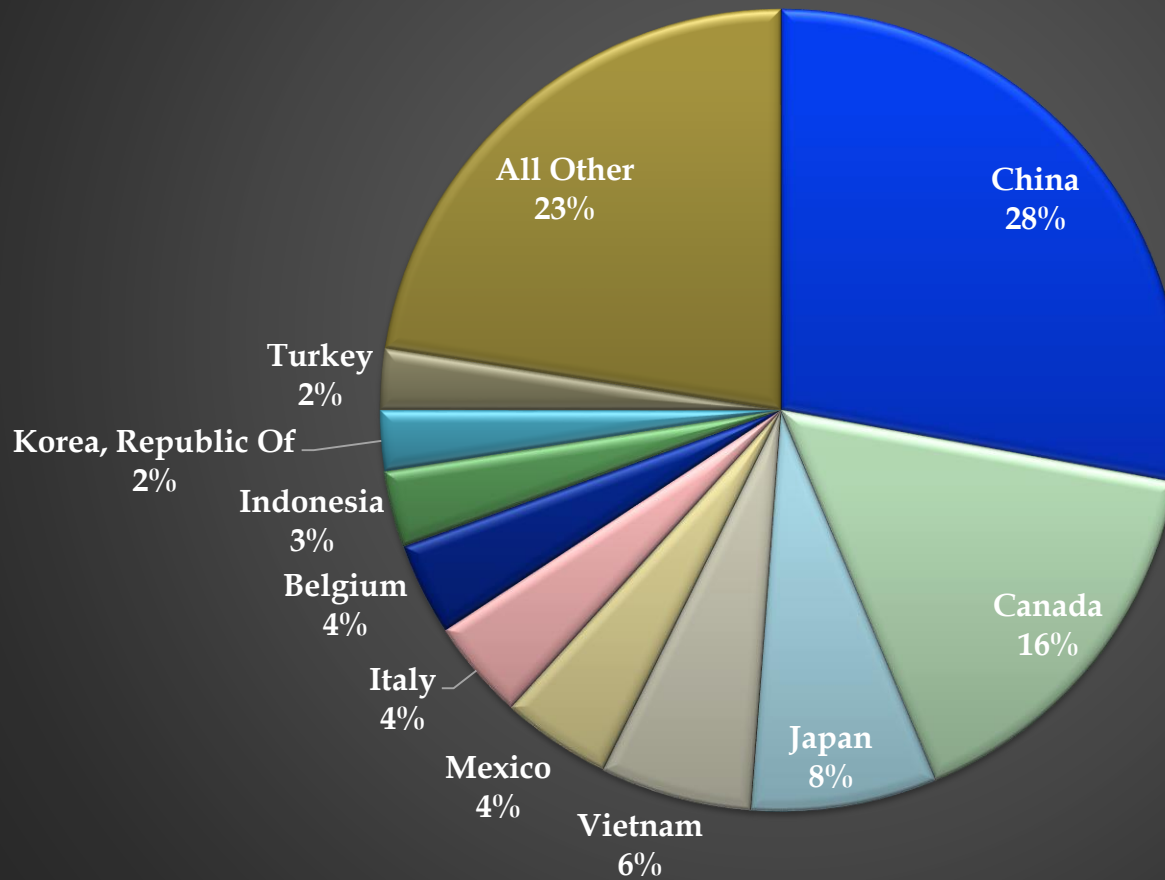
# 2016 Annual U.S. Forestry Exports in \$ (Paper, Wood & Wood Pulp) \$32,327,692,029



North Carolina ranks  
7<sup>th</sup> in U.S. forestry  
exports at  
\$1,408,692,472



# 2016 N.C. Forestry Exports (Paper, Pulp & Wood) \$1,408,692,472



# NC's Top Trade Partners

\$500,000,000.00

\$450,000,000.00

\$400,000,000.00

\$350,000,000.00

\$300,000,000.00

\$250,000,000.00

\$200,000,000.00

\$150,000,000.00

\$100,000,000.00

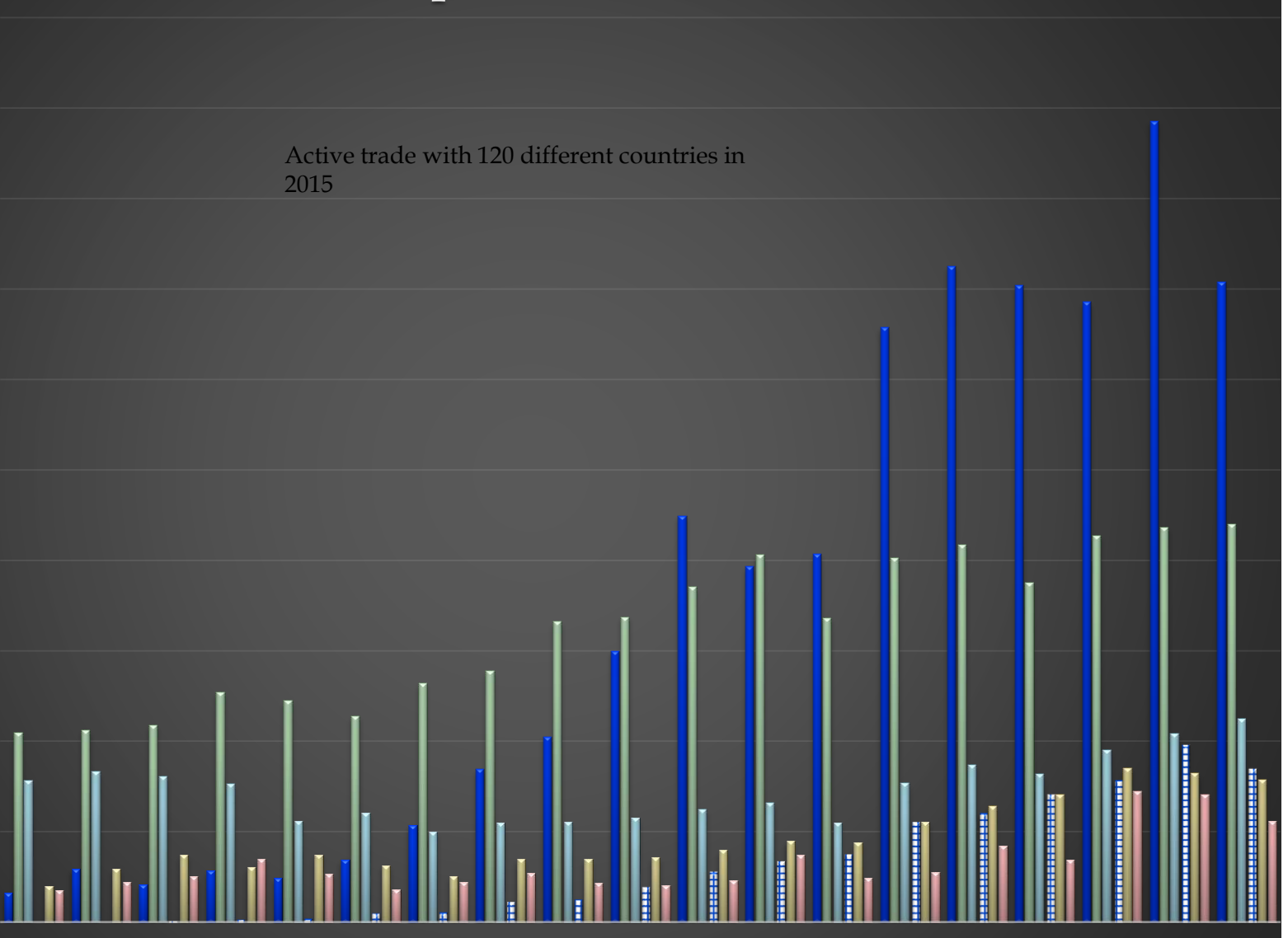
\$50,000,000.00

\$-

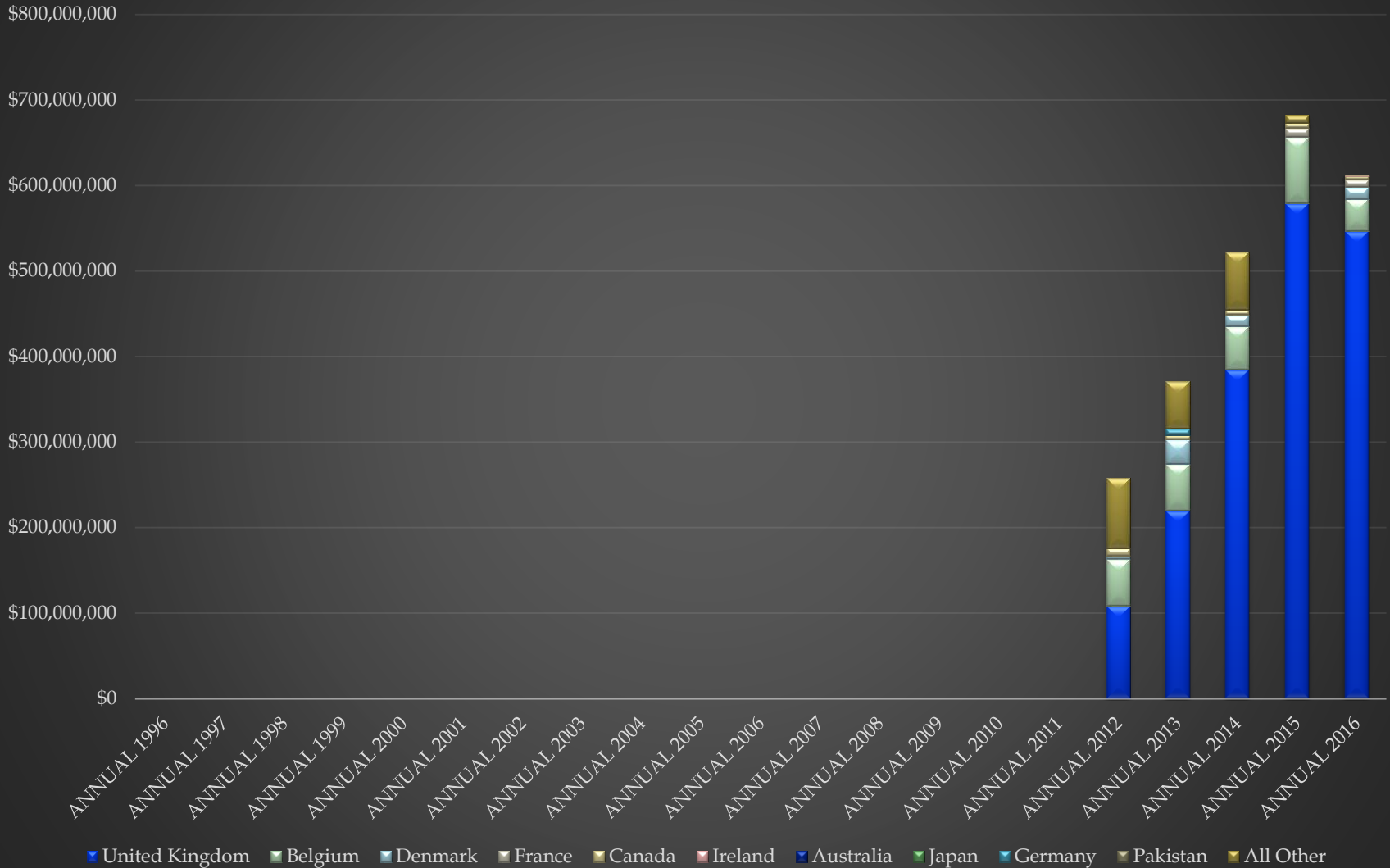
Active trade with 120 different countries in 2015

1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

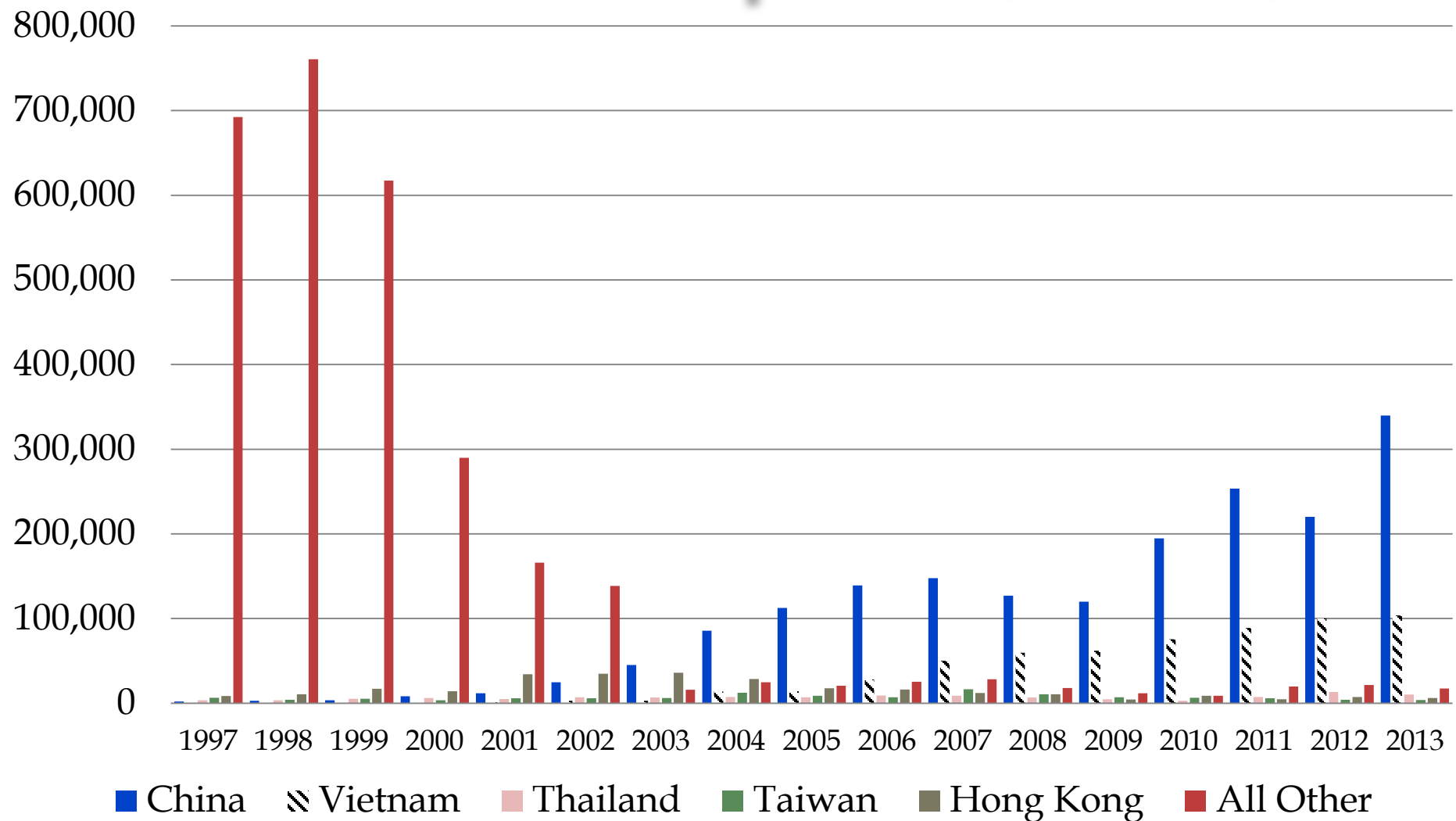
■ China 
 ■ Canada 
 ■ Japan 
 ■ Vietnam 
 ■ Mexico 
 ■ Belgium



# U.S. Wood Pellet Exports, 1996 - 2016

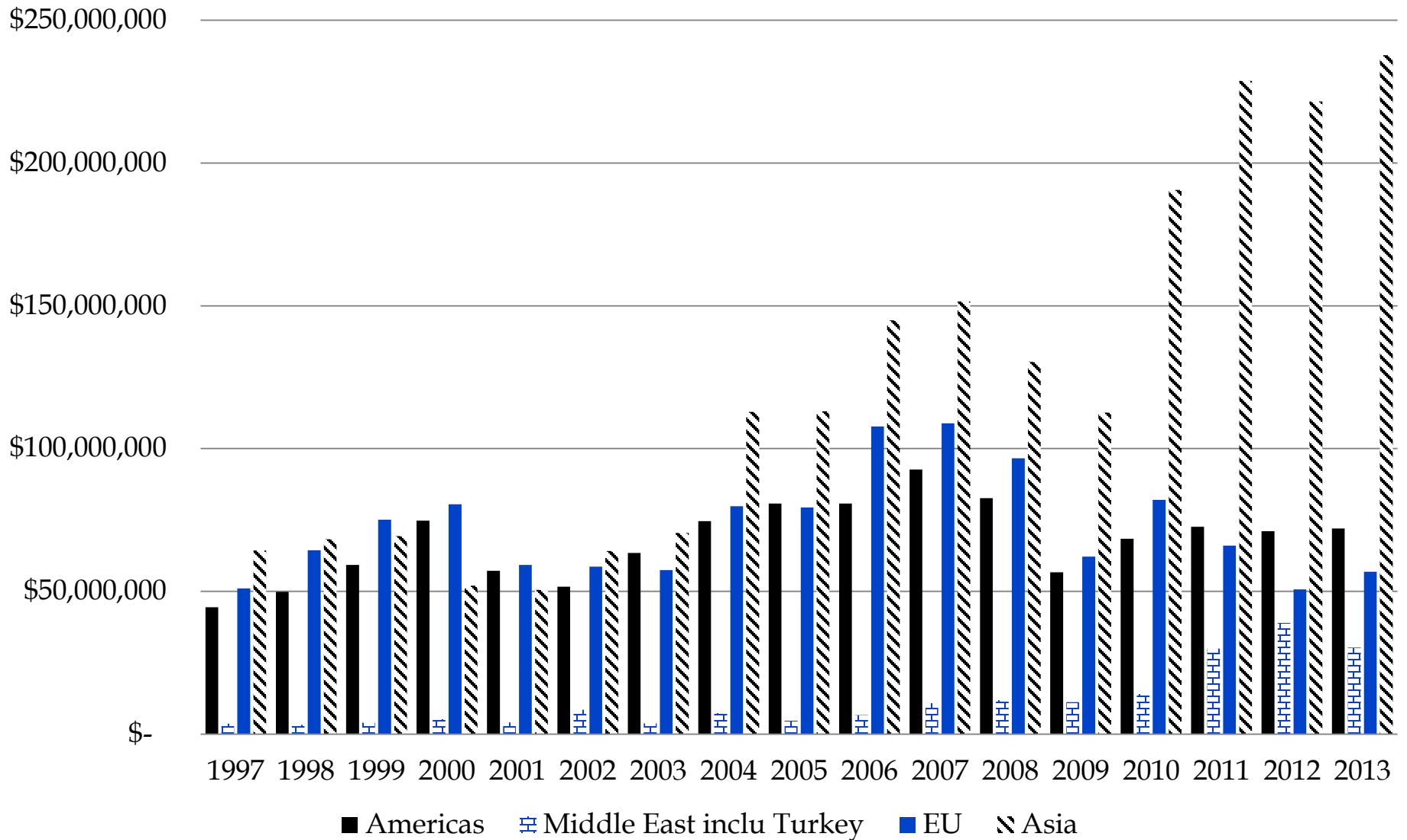


# Asian Wood Imports (Metric Tons)

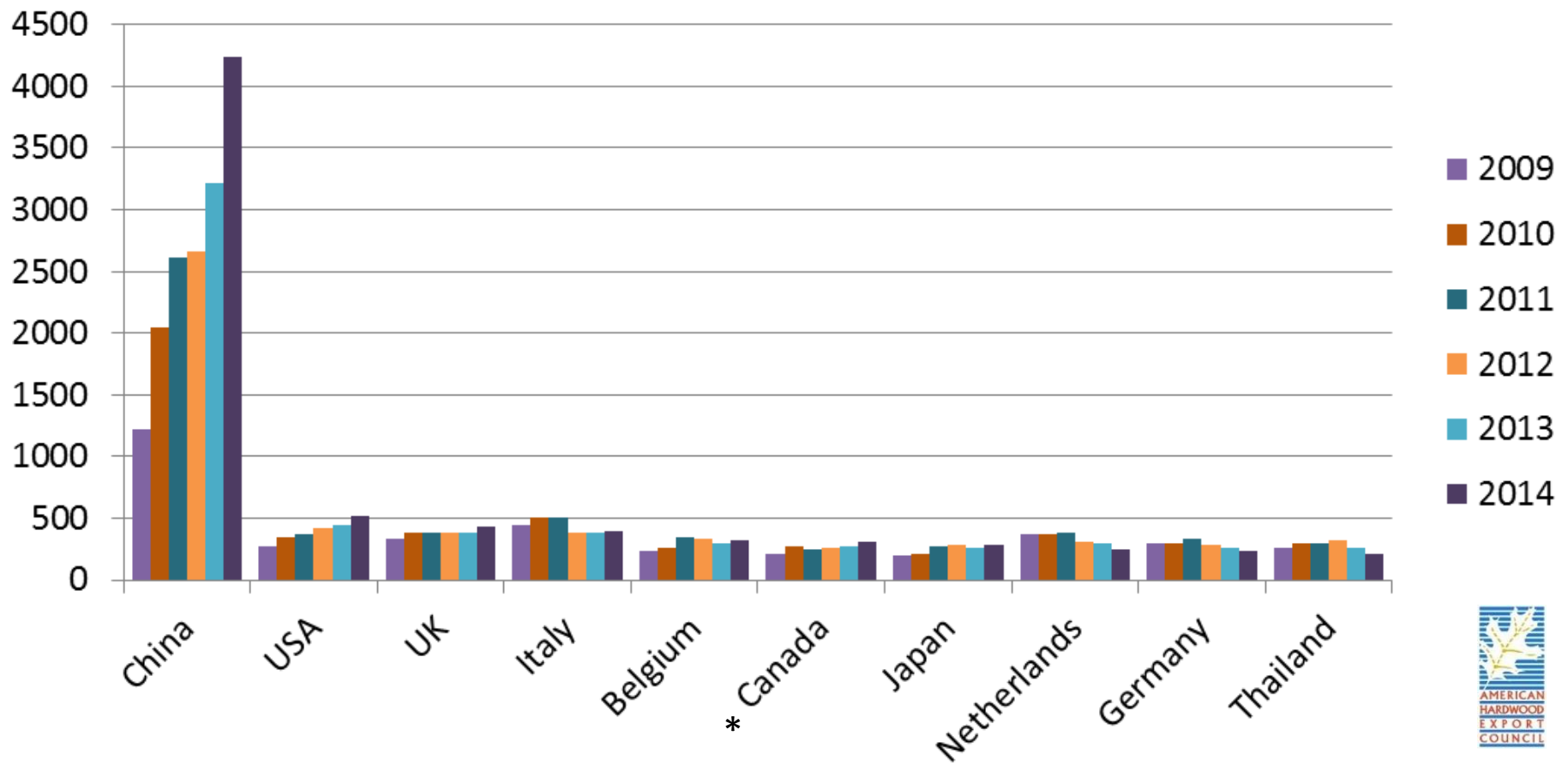




# Wood Exports by Region (\$)

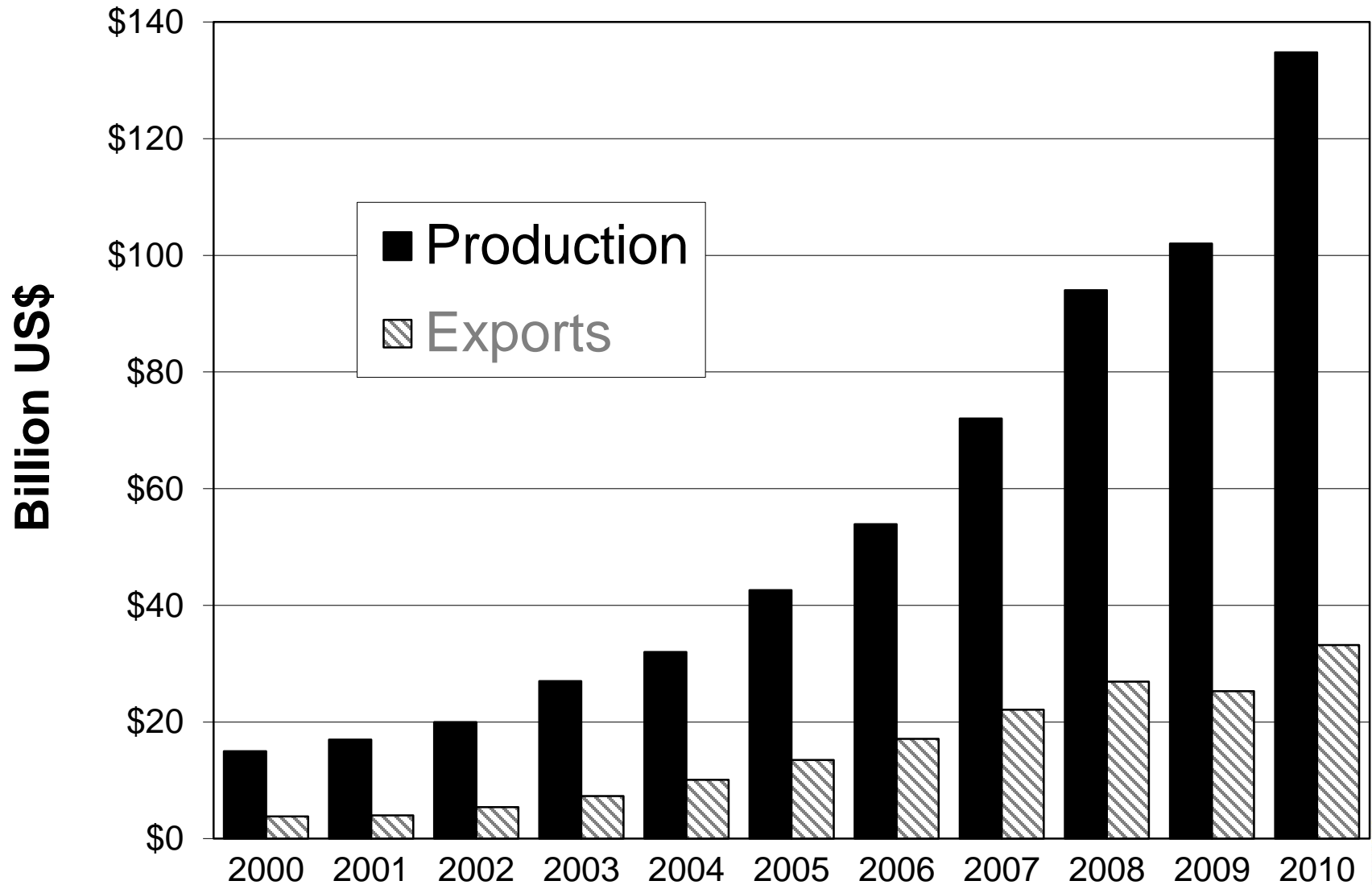


## The world's 10 largest hardwood lumber importers 2009-2014 (\$ million)



Source: Global Trade Atlas & Eurostat

# China Furniture Production and Exports



Source: *Hardwood Review* / China National Furniture Association









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got to be  
**NC**  
FOREST PRODUCTS

Goodness Grows In  
NC

A stylized map of North Carolina with the text "Goodness Grows In NC" and a small tractor icon on the map.

Clay Altizer

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