



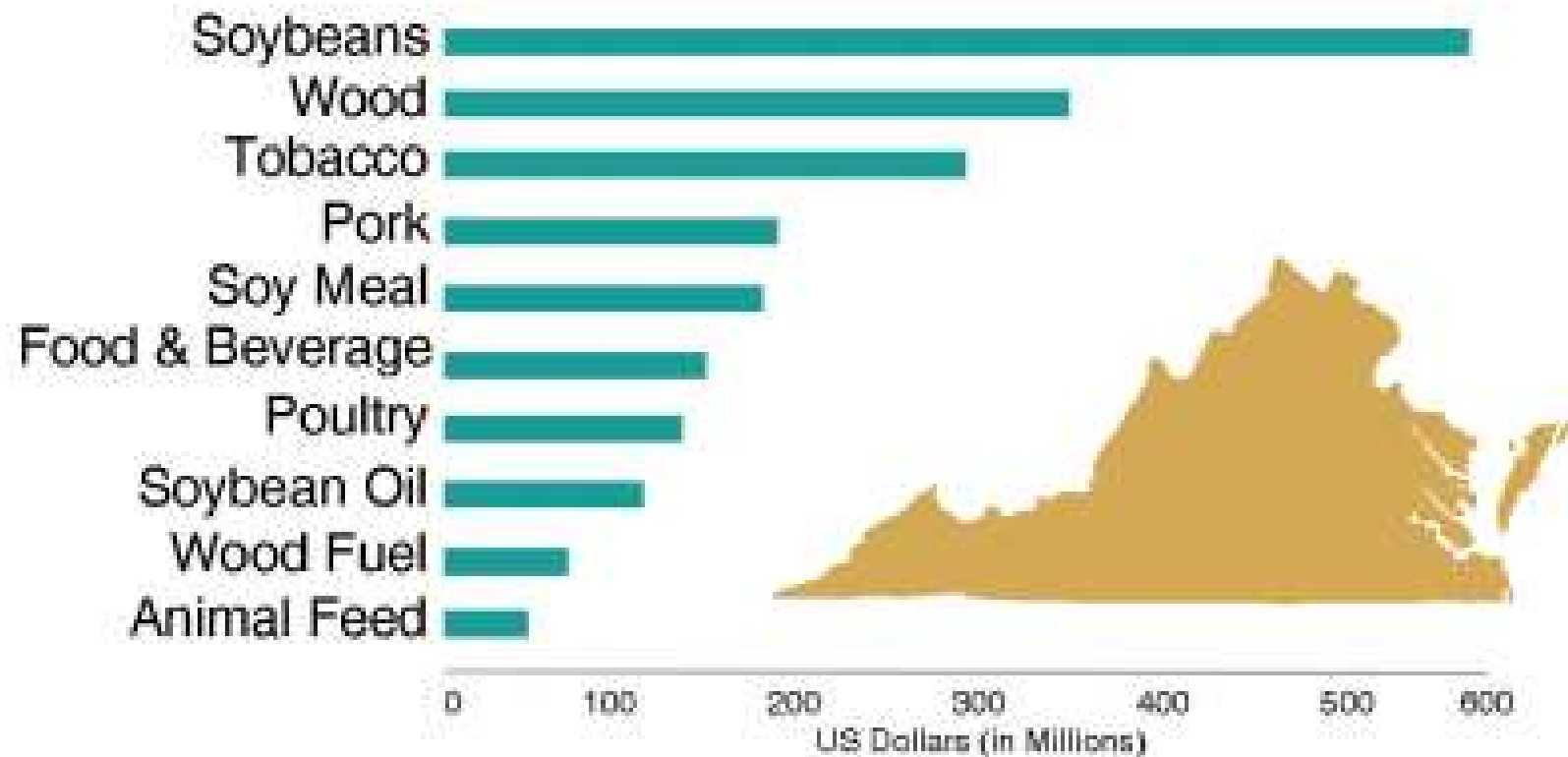
Virginia Forest Products Exports

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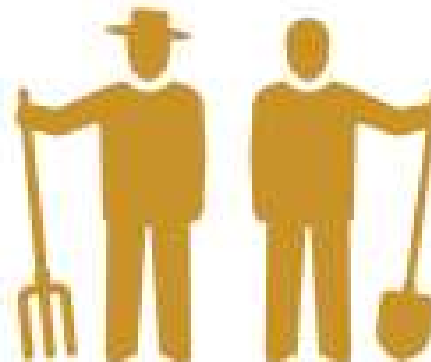
TOP 10 Virginia Agriculture/Forestry Products



ECONOMIC IMPACT TO VIRGINIA

As of 2015, Agriculture and Forestry exports supported

46,600 jobs
in Virginia.



1 in 9

Virginia Farm jobs depends on international exports.



The total impacts of agriculture and forestry-related exports are nearly \$9 billion in total output and \$4.6 billion in value-added, not including impacts from international shipping.



Forest Products Exports Impact

Table 3.6 Virginia Total, Direct, Indirect, and Induced Impacts of Virginia's Agriculture and Forestry-Related Industry Exports, 2015

	Output (Million \$)	Employment	Value-Added (Million \$)
Agriculture and Forestry Total			
Direct	4,004	12,307	1,619
Indirect	1,611	9,567	834
Induced	3,344	24,710	2,120
Total	8,959	46,584	4,574
Agriculture			
Direct	2,829	7,504	1,256
Indirect	972	5,443	490
Induced	2,332	17,320	1,486
Total	6,133	30,267	3,233
Forestry			
Direct	1,174	4,803	363
Indirect	639	4,124	344
Induced	1,012	7,390	634
Total	2,825	16,317	1,341

“Forestry is a relatively more important component of international export economic impact than it is of general economic impact. Forestry-related industries account for 32 percent of the export output impact, 34 percent of the export employment impact and 29 percent of the export value-added impact.”

(Weldon Cooper Center for Public Service, 2017)

Virginia Forest Products Exports (HS 44)							
Year To Date: January - August							
Partner Country	United States Dollars			% Share			%Δ 18/17
	2016	2017	2018	2016	2017	2018	
World	\$ 271,262,826	\$ 293,888,934	\$ 260,844,640	100	100	100	-11.24
China	\$ 73,824,556	\$ 119,196,623	\$ 114,521,543	27.22	40.56	43.9	-3.92
Vietnam	\$ 20,246,670	\$ 25,780,127	\$ 31,206,621	7.46	8.77	11.96	21.05
United Kingdom	\$ 87,738,332	\$ 64,802,670	\$ 28,754,510	32.34	22.05	11.02	-55.63
Canada	\$ 21,359,990	\$ 22,977,375	\$ 18,948,669	7.87	7.82	7.26	-17.53
Italy	\$ 8,419,183	\$ 9,323,803	\$ 10,947,786	3.1	3.17	4.2	17.42
Germany	\$ 6,428,171	\$ 6,313,391	\$ 6,514,502	2.37	2.15	2.5	3.19
Pakistan	\$ 2,763,883	\$ 4,703,210	\$ 4,019,737	1.02	1.6	1.54	-14.53
United Arab Emirates	\$ 1,584,125	\$ 3,510,077	\$ 3,984,050	0.58	1.19	1.53	13.5
Belgium	\$ 15,142,277	\$ 5,513,327	\$ 3,650,826	5.58	1.88	1.4	-33.78
Spain	\$ 4,468,964	\$ 3,358,388	\$ 3,571,923	1.65	1.14	1.37	6.36
Japan	\$ 3,050,583	\$ 2,309,243	\$ 3,133,166	1.12	0.79	1.2	35.68
France	\$ 578,214	\$ 453,782	\$ 2,955,887	0.21	0.15	1.13	551.39
Australia	\$ 931,549	\$ 1,654,496	\$ 2,290,528	0.34	0.56	0.88	38.44
Malaysia	\$ 1,988,770	\$ 2,268,291	\$ 2,151,832	0.73	0.77	0.82	-5.13

Virginia Forest Products Exports (HS 44)

Partner Country	United States Dollars			% Share			%Δ
	2015	2016	2017	2015	2016	2017	17/16
World	\$ 426,877,867	\$ 394,606,621	\$ 439,460,396	100	100	100	11.37
China	\$ 99,551,212	\$ 116,088,148	\$ 180,403,986	23.3	29.4	41.1	55.4
United Kingdom	\$ 110,017,957	\$ 118,204,819	\$ 94,436,422	25.8	30	21.5	-20.1
Vietnam	\$ 35,691,675	\$ 30,327,490	\$ 38,447,052	8.36	7.69	8.75	26.77
Canada	\$ 34,076,917	\$ 31,210,465	\$ 32,728,224	7.98	7.91	7.45	4.86
Italy	\$ 15,573,940	\$ 12,919,206	\$ 14,325,133	3.65	3.27	3.26	10.88
Belgium	\$ 53,409,694	\$ 15,756,027	\$ 9,843,074	12.5	3.99	2.24	-37.5
Germany	\$ 7,360,046	\$ 9,119,733	\$ 9,319,878	1.72	2.31	2.12	2.19
Pakistan	\$ 5,958,236	\$ 4,721,436	\$ 6,331,349	1.4	1.2	1.44	34.1
Spain	\$ 9,810,485	\$ 7,281,196	\$ 5,338,622	2.3	1.85	1.21	-26.7
United Arab Emirates	\$ 1,578,126	\$ 2,934,635	\$ 4,914,995	0.37	0.74	1.12	67.48
Japan	\$ 4,223,035	\$ 4,121,276	\$ 3,816,172	0.99	1.04	0.87	-7.4
Malaysia	\$ 2,731,361	\$ 3,147,080	\$ 3,426,070	0.64	0.8	0.78	8.87
Israel	\$ 2,778,561	\$ 2,945,239	\$ 3,349,412	0.65	0.75	0.76	13.72
Australia	\$ 1,959,705	\$ 1,491,331	\$ 2,593,066	0.46	0.38	0.59	73.88
Thailand	\$ 1,700,107	\$ 1,855,787	\$ 2,247,559	0.4	0.47	0.51	21.11
Indonesia	\$ 4,314,934	\$ 1,964,005	\$ 2,221,695	1.01	0.5	0.51	13.12
Mexico	\$ 4,716,881	\$ 1,945,574	\$ 2,116,650	1.1	0.49	0.48	8.79
Portugal	\$ 2,499,736	\$ 1,699,994	\$ 2,028,110	0.59	0.43	0.46	19.3
Egypt	\$ 2,158,148	\$ 2,209,212	\$ 1,809,602	0.51	0.56	0.41	-18.1

The Port of Virginia: Logs and Lumber Exports

Timeframe: CYTD 2018 v. 2017

Source: MP2 Piers, Loaded TEUs

Commodity	2018	2017	Gain/Loss	Delta
LOGS&LUMBER	66,801	69,151	-2,350	-3.4%

Virginia Pellet Exports

Virginia Pellet Exports (HS 4401)					
Partner Country	United States Dollars			2017	%Δ 17/16
	2015	2016	2017		
World	\$ 147,389,970	\$ 123,847,901	\$ 90,886,092	100	-26.61
United Kingdom	\$ 95,368,216	\$ 105,863,692	\$ 82,161,153	90.4	-22.39
Belgium	\$ 51,134,565	\$ 14,571,913	\$ 8,342,890	9.18	-42.75

Virginia Pellet Exports (HS 4401)					
Year To Date: January - July					
Partner Country	United States Dollars			2018	%Δ 18/17
	2016	2017	2018		
World	\$83,902,817	\$44,962,571	\$20,360,594	100	-54.72
United Kingdom	\$68,621,057	\$40,425,312	\$14,471,076	71.07	-64.2
France	\$ -	\$ -	\$ 2,700,236	13.26	n/a
Belgium	\$14,571,913	\$ 4,464,539	\$ 2,092,240	10.28	-53.14

Virginia Log and Lumber Exports

Virginia Log and Lumber Exports							
Partner Country	United States Dollars			% Share			%Δ
	2015	2016	2017	2015	2016	2017	17/16
World	\$ 225,034,790	\$ 225,724,859	\$ 303,243,282	100	100	100	34.34
China	\$ 98,544,302	\$ 115,606,937	\$ 180,142,342	43.79	51.22	59.41	55.82
Vietnam	\$ 35,160,151	\$ 29,449,802	\$ 38,123,565	15.62	13.05	12.57	29.45
Italy	\$ 13,834,533	\$ 11,046,261	\$ 13,111,829	6.15	4.89	4.32	18.7
United Kingdom	\$ 13,410,335	\$ 11,837,553	\$ 11,380,400	5.96	5.24	3.75	-3.86
Canada	\$ 8,512,910	\$ 9,869,269	\$ 8,349,630	3.78	4.37	2.75	-15.4
Germany	\$ 5,985,392	\$ 6,263,051	\$ 6,466,156	2.66	2.77	2.13	3.24
Pakistan	\$ 5,958,236	\$ 4,605,936	\$ 6,331,349	2.65	2.04	2.09	37.46
Japan	\$ 4,167,732	\$ 4,009,920	\$ 3,789,610	1.85	1.78	1.25	-5.49
United Arab Emirates	\$ 1,203,699	\$ 1,949,883	\$ 3,579,040	0.53	0.86	1.18	83.55
Australia	\$ 1,791,752	\$ 1,371,509	\$ 2,555,474	0.8	0.61	0.84	86.33
Spain	\$ 6,785,935	\$ 4,195,730	\$ 2,555,283	3.02	1.86	0.84	-39.1
Malaysia	\$ 2,284,396	\$ 2,093,065	\$ 2,293,452	1.02	0.93	0.76	9.57
Thailand	\$ 1,697,188	\$ 1,843,787	\$ 2,247,559	0.75	0.82	0.74	21.9
Indonesia	\$ 4,310,500	\$ 1,876,638	\$ 2,218,262	1.92	0.83	0.73	18.2
Mexico	\$ 2,627,299	\$ 1,718,736	\$ 1,788,417	1.17	0.76	0.59	4.05

Virginia Exports to China							
Commodity	Description	United States Dollars					
		1st/17	2nd/17	3rd/17	4th/17	1st/18	2nd/18
44	Wood	\$41,045,305	\$48,417,005	\$44,676,874	\$46,264,802	\$48,794,854	\$46,801,662
4407	Lumber	\$29,989,755	\$34,965,522	\$30,992,447	\$30,602,577	\$31,781,623	\$34,938,790
4403	Logs	\$10,997,925	\$13,390,050	\$13,639,559	\$15,564,507	\$16,979,603	\$11,627,161

US Log Exports to China (HS 4403)							
State	United States Dollars						
	1st/17	2nd/17	3rd/17	4th/17	1st/18	2nd/18	
All States	\$ 288,429,274	\$ 361,196,576	\$ 364,385,115	\$ 377,500,551	\$ 346,224,299	\$ 407,501,381	
Washington	\$ 72,876,911	\$ 82,458,507	\$ 114,263,165	\$ 93,373,891	\$ 61,201,280	\$ 89,603,412	
Georgia	\$ 20,942,483	\$ 28,624,170	\$ 21,289,634	\$ 25,957,634	\$ 31,189,475	\$ 52,205,452	
New York	\$ 20,855,451	\$ 21,880,806	\$ 23,422,891	\$ 26,287,837	\$ 30,328,495	\$ 28,473,700	
Pennsylvania	\$ 22,547,907	\$ 30,344,632	\$ 27,789,791	\$ 26,006,063	\$ 27,771,237	\$ 25,931,173	
North Carolina	\$ 13,045,135	\$ 15,459,074	\$ 13,540,316	\$ 15,445,163	\$ 20,752,287	\$ 21,824,090	
Oregon	\$ 14,781,745	\$ 17,251,890	\$ 13,145,123	\$ 23,247,569	\$ 4,133,278	\$ 20,552,690	
Missouri	\$ 9,304,370	\$ 12,759,198	\$ 10,876,193	\$ 12,337,713	\$ 14,152,342	\$ 17,171,161	
Ohio	\$ 12,107,689	\$ 13,403,595	\$ 8,726,706	\$ 10,187,791	\$ 13,836,163	\$ 15,376,191	
Alabama	\$ 614,393	\$ 4,850,107	\$ 8,470,975	\$ 7,796,590	\$ 9,207,208	\$ 14,571,550	
California	\$ 10,661,774	\$ 16,689,947	\$ 17,508,525	\$ 12,413,862	\$ 7,652,143	\$ 12,106,794	
Virginia	\$ 10,997,925	\$ 13,390,050	\$ 13,639,559	\$ 15,564,507	\$ 16,979,603	\$ 11,627,161	
Illinois	\$ 6,299,274	\$ 9,708,980	\$ 5,467,076	\$ 8,741,407	\$ 10,850,414	\$ 11,398,268	
Alaska	\$ 6,472,519	\$ 12,511,437	\$ 11,371,828	\$ 17,648,078	\$ 9,013,492	\$ 11,073,619	
Kansas	\$ 534,470	\$ 1,592,183	\$ 620,873	\$ 1,430,243	\$ 3,660,553	\$ 7,752,784	
Wisconsin	\$ 4,427,762	\$ 5,751,124	\$ 4,188,705	\$ 4,472,725	\$ 6,285,370	\$ 7,631,376	
Tennessee	\$ 8,075,049	\$ 8,716,240	\$ 6,907,761	\$ 10,594,091	\$ 7,954,654	\$ 6,533,059	

Virginia Exports to China

Commodity	Description	United States Dollars					
		March	April	May	June	July	August
Logs and Lumber		\$ 18,227,649	\$ 18,284,272	\$ 13,795,821	\$ 14,485,858	\$ 10,216,292	\$ 8,605,871
4407	Lumber	\$ 11,785,316	\$ 12,519,450	\$ 11,221,878	\$ 11,197,462	\$ 7,474,628	\$ 6,849,540
4403	Logs	\$ 6,442,333	\$ 5,764,822	\$ 2,573,943	\$ 3,288,396	\$ 2,741,664	\$ 1,756,331

Virginia Lumber Exports

Virginia Lumber Exports (HS 4407)							
Partner Country	United States Dollars			% Share			%Δ 17/16
	2015	2016	2017	2015	2016	2017	
World	\$170,329,994	\$176,333,767	\$224,821,367	100	100	100	27.5
China	\$ 74,797,962	\$ 89,835,147	\$126,550,301	43.9	51	56.3	40.87
Vietnam	\$ 25,958,634	\$ 23,686,754	\$ 30,175,457	15.2	13.4	13.4	27.39
United Kingdom	\$ 11,631,104	\$ 9,927,523	\$ 10,665,903	6.83	5.63	4.74	7.44
Canada	\$ 8,198,295	\$ 9,799,916	\$ 8,264,512	4.81	5.56	3.68	-15.67
Italy	\$ 7,408,144	\$ 5,889,950	\$ 7,069,082	4.35	3.34	3.14	20.02
Germany	\$ 5,179,528	\$ 5,518,852	\$ 6,110,739	3.04	3.13	2.72	10.72
Pakistan	\$ 5,324,159	\$ 3,669,143	\$ 5,230,075	3.13	2.08	2.33	42.54
Australia	\$ 1,685,865	\$ 1,371,509	\$ 2,522,509	0.99	0.78	1.12	83.92
Japan	\$ 2,810,811	\$ 2,560,864	\$ 2,405,187	1.65	1.45	1.07	-6.08
Thailand	\$ 1,584,858	\$ 1,843,787	\$ 2,237,559	0.93	1.05	1	21.36
Malaysia	\$ 1,432,042	\$ 1,927,612	\$ 2,179,372	0.84	1.09	0.97	13.06
Spain	\$ 3,635,471	\$ 2,683,756	\$ 1,947,379	2.13	1.52	0.87	-27.44
Mexico	\$ 2,627,299	\$ 1,718,736	\$ 1,788,417	1.54	0.97	0.8	4.05

Virginia Lumber Exports				
Year To Date: January - August				
Partner Country	United States Dollars			%Δ 18/17
	2016	2017	2018	
World	114907492	152191228	154287620	1.38
EU	19872700	21621576	25032447	15.78
China	57645839	85373522	81044581	-5.07
Vietnam	16056643	20651704	21925977	6.17
United Kingdom	6913565	7586397	8343806	9.98
Canada	6856155	5927094	6252009	5.48
Italy	3516177	3973559	5622216	41.49
Germany	3832931	4228228	3795743	-10.23
Pakistan	2248501	4158184	3402332	-18.18
Australia	817919	1623176	2172306	33.83
Spain	1638758	1070704	1915961	78.94
Japan	1809885	1453147	1669872	14.91
Malaysia	1037426	1306188	1254294	-3.97
Thailand	1351781	1820495	1248116	-31.44
Indonesia	1033566	879178	1234771	40.45

Virginia Log Exports

Virginia Log Exports				
Year To Date: January - August				
Partner Country	United States Dollars			%Δ 18/17
	2016	2017	2018	
World	\$31,877,603	\$50,371,278	\$54,480,509	8.16
EU	\$ 7,370,359	\$ 6,243,190	\$ 5,662,628	-9.3
China	\$15,773,627	\$33,688,354	\$33,104,759	-1.73
Vietnam	\$ 3,750,220	\$ 4,966,398	\$ 9,008,098	81.38
Italy	\$ 3,491,661	\$ 4,523,117	\$ 4,274,856	-5.49
United Arab Emirates	\$ 497,000	\$ 1,932,251	\$ 2,505,541	29.67
Japan	\$ 1,222,341	\$ 829,534	\$ 1,396,645	68.37
Pakistan	\$ 437,882	\$ 545,026	\$ 561,925	3.1
India	\$ 242,895	\$ 214,682	\$ 414,029	92.86
Germany	\$ 500,958	\$ 278,329	\$ 410,453	47.47
Taiwan	\$ 354,435	\$ 291,040	\$ 350,594	20.46
Portugal	\$ 319,286	\$ 352,966	\$ 338,472	-4.11
United Kingdom	\$ 1,539,543	\$ 585,487	\$ 332,078	-43.28
Turkey	\$ 553,071	\$ 427,170	\$ 324,660	-24
Indonesia	\$ 284,608	\$ 429,888	\$ 278,087	-35.31
Spain	\$ 1,413,277	\$ 430,811	\$ 177,994	-58.68
Egypt	\$ -	\$ 22,382	\$ 117,395	424.51



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