

## Maine Forest Products Write-Up

**International Overview.** International trade is a major component of Maine's forest products industry. MITC estimates that Maine exported approximately \$551 million worth of forest products in 2018 to countries like Canada, China, and Italy. This represents about 20% of Maine's total exports.

**Top Exports of Forest Products.** Wood pulp products topped the list at \$199 million worth of exports, which were primarily sent to China, Italy, and Canada. Articles of wood came second with \$195 million worth of exports to Canada, the Dominican Republic, and China. Following articles of wood, Maine exported \$172 million worth of paper and paperboard products to Canada, Mexico, and the United Kingdom.

**Canada.** Canada is consistently Maine's most important trade partner for forest products. In 2018, Maine exported \$346 million worth of forest products to Canada, and \$1.8 billion over the last five years.

**China.** The trade tensions between the U.S. and China have negatively impacted Maine's exports of forest products to China. From 2017 to 2018, Maine exports of wood pulp decreased by 20% and exports of wood articles dropped by 45%, this represents a decrease of approximately \$28 million.

**South Korea.** Exports of wood pulp products to South Korea increased by over \$14 million from 2017 and 2018, this represents a 50-fold increase. As trade tensions with China continue, Maine's forest products industry must continue to seek alternative foreign markets to replace Chinese demand; South Korea is a growing alternative market for Maine's forest products.

**Imports.** Maine imports of forest products from Canada account for over 90% of all Maine's total imports of forest products. In 2018, Maine imported \$202 million worth of wood pulp products, \$154 million worth of wood articles, and \$106 million worth of paper and paperboard products from Canada.

**I. State & National Forest Products Exports – Overview**

U.S. Forest Products Exports in 2018					
Rank	NAICS Code	Description	ANNUAL 2017	ANNUAL 2018	%2017-2018
TOTAL ALL INDUSTRIES			\$1,546,272,961,061	\$1,664,055,580,908	7.62
15	322	Paper	\$24,402,351,598	\$25,544,546,056	4.68
22	321	Wood Products	\$7,834,177,942	\$7,932,341,924	1.25
29	113	Forestry Products, Nesoi	\$2,743,766,725	\$2,817,461,945	2.69
<b>TOTAL U.S. FOREST PRODUCTS</b>			<b>\$34,980,296,265</b>	<b>\$36,294,349,925</b>	<b>0.04</b>
<b>Percentage of Total U.S. Exports</b>			<b>2.3%</b>	<b>2.2%</b>	
Source: Maine International Trade Center <a href="#">WISERTrade, State NAICS Database</a>					

Maine Forest Products Exports in 2018					
Rank	NAICS Code	Description	ANNUAL 2017	ANNUAL 2018	%2017-2018
TOTAL ALL INDUSTRIES			\$2,711,926,781	\$2,825,336,083	4.18
2	322	Paper	\$330,742,331	\$356,097,810	7.67
8	113	Forestry Products, Nesoi	\$115,305,429	\$120,314,724	4.34
12	321	Wood Products	\$76,090,485	\$75,062,912	-1.35
<b>TOTAL MAINE FOREST PRODUCTS</b>			<b>\$522,138,245</b>	<b>\$551,475,446</b>	<b>0.06</b>
<b>Percentage of Total Maine Exports</b>			<b>19.3%</b>	<b>19.5%</b>	
<b>Percentage of Total U.S. Forest Products Exports</b>			<b>1.5%</b>	<b>1.5%</b>	
Source: Maine International Trade Center <a href="#">WISERTrade, State NAICS Database</a>					

## II. Total Maine Exports by Commodity

\*All Values in USD unless otherwise specified

Source: <http://www.wisertrade.org>, data from U.S. Census Bureau Foreign, Trade Division.

### Top 10 Maine Exports by Commodity

Rank	HS Codes	Description	ANNUAL 2017	ANNUAL 2018	%2017-2018
		TOTAL ALL COMMODITIES	2,711,926,781	2,825,336,083	4.18
1	03	Fish, Crustaceans & Aquatic Invertebrates	474,624,229	553,075,389	16.53
2	85	Electric Machinery Etc; Sound Equip; Tv Equip; Pts	284,918,360	279,974,934	-1.74
3	27	Mineral Fuel, Oil Etc.; Bitumin Subst; Mineral Wax	245,655,820	260,088,280	5.88
4	88	Aircraft, Spacecraft, And Parts Thereof	239,257,119	254,336,890	6.3
5	47	Wood Pulp Etc; Recovd (Waste & Scrap) Ppr & Pprbd	179,238,019	199,350,329	11.22
6	44	Wood And Articles Of Wood; Wood Charcoal	190,454,814	194,712,483	2.24
7	48	Paper & Paperboard & Articles (Inc Papr Pulp Artl)	170,643,479	171,790,333	0.67
8	84	Industrial Machinery, Including Computers	149,489,455	155,222,173	3.83
9	98	Special Classification Provisions, Nesoi	89,797,904	92,047,049	2.5
10	90	Optic, Photo Etc, Medic Or Surgical Instrmnts Etc	64,929,297	72,089,726	11.03

### Chapter 47: Wood Pulp

Rank	HS Codes	Description	ANNUAL 2017	ANNUAL 2018	%2017-2018
		TOTAL ALL COMMODITIES	179,238,019	199,350,329	11.22
1	4703	Chemical Woodpulp, Soda Or Sulfate, Not Dissoly Gr	116,858,459	156,033,943	33.52
2	4701	Mechanical Woodpulp	38,429,961	27,661,139	-28.02
3	4707	Waste And Scrap Of Paper Or Paperboard	19,759,375	15,655,247	-20.77
4	4705	Woodpulp From Mechanical/Chemical Pulp Processes	3,208,224	0	-
5	4702	Chemical Woodpulp, Dissolving Grades	982,000	0	-

**Chapter 44: Wood and Articles of Wood**

Rank	HS Codes	Description	ANNUAL 2017	ANNUAL 2018	%2017-2018
		TOTAL ALL COMMODITIES	190,454,814	194,712,483	2.24
1	4403	Wood In The Rough, Stripped Or Not Of Sapwood Etc	114,904,399	125,400,156	9.13
2	4407	Wood Sawn Or Chipped Length, Sliced Etc, Ov6mm Th	41,331,165	36,137,402	-12.57
3	4421	Articles Of Wood, Nesoi	11,078,485	11,773,850	6.28
4	4401	Fuel Wood In Logs Etc; Wood In Chips, Etc.	10,094,566	8,491,758	-15.88
5	4418	Builders Joinery And Carpentry Of Wood	5,376,857	5,123,320	-4.72
6	4408	Veneer Sheets Etc, Not Over 6 Mm Thick	2,404,187	3,051,886	26.94
7	4409	Wood, Continuously Shaped (Tongued, Grooved Etc.)	2,044,377	1,977,038	-3.29
8	4406	Railway Or Tramway Sleepers (Cross-Ties) Of Wood	927,144	929,645	0.27
9	4413	Densified Wd Blocks/Plates/Strips/Profile Shapes	1,241,764	733,152	-40.96
10	4417	Tools/Tool & Broom Bodies Etc Shoe Last/Trees Wood	203,235	344,130	69.33
11	4416	Casks, Barrels, Vats, Etc. And Parts, Of Wood	17,992	277,664	1,443.26
12	4415	Packings Etc, Wood; Pallets, Collars Etc, Of Wood	152,892	230,139	50.52
13	4410	Particle Board & Similar Board Of Wood Etc.	82,288	136,080	65.37
14	4412	Plywood, Veneered Panels & Similar Laminated Wood	490,140	44,377	-90.95
15	4420	Wood Marquetry Etc; Jewel Case Etc & Wd Furn Nesoi	9,133	43,311	374.23

### Chapter 48: Paper and Paperboard

Rank	HS Codes	Description	ANNUAL 2017	ANNUAL 2018	%2017-2018
		TOTAL ALL COMMODITIES	170,643,479	171,790,333	0.67
1	4810	Paper & Paperboard, Coated With Kaolin Etc, RI Etc	101,079,606	111,648,932	10.46
2	4804	Kraft Paper & Paperboard, Uncoat Nesoi, Rolls Etc	9,205,541	13,874,234	50.72
3	4802	Paper, Uncoat, For Writing Etc, Rolls; Hndmd Paper	14,644,368	10,786,219	-26.35
4	4806	Veg Parchment, Greaseproof Papers Etc, Rolls Etc	6,769,169	6,849,280	1.18
5	4803	Toilet Etc Hshld/Santry Stock Paper Roll Or Sheets	7,504,586	6,533,094	-12.95
6	4823	Paper, Paperboard, Cellul Wad To Size & Arts Nesoi	8,169,192	6,294,104	-22.95
7	4819	Cartons Etc Paper; Office Box Files Etc, Paper Etc	4,333,879	4,673,177	7.83
8	4822	Bobbins, Spools Etc. Of Pap Pulp, Paper & Paperbd	4,412,026	4,472,053	1.36
9	4811	Paper, Paperboard, Wad Etc, Coat Etc Nesoi, RI Etc	11,873,714	3,084,728	-74.02
10	4818	Toilet Paper & Similar Household, Sanitary Items	443,134	2,084,223	370.34
11	4801	Newsprint, In Rolls Or Sheets	1,650,915	841,141	-49.05
12	4820	Registers, Notebooks, Binders, Bus Forms Etc, Papr	383,692	399,439	4.1
13	4821	Labels Of Paper Or Paperboard, Printed Or Not	67,561	88,895	31.58
14	4805	Paper & Paperboard, Uncoat, Nesoi, Rolls Or Sheets	82,040	82,112	0.09
15	4808	Paper And Paperboard, Corrugated Etc, Rolls Etc	0	68,230	-
16	4817	Envelopes, Postcards Etc & Boxes Etc Of Stationary	20,514	6,922	-66.26
17	4816	Paper, Carbon, Self-Copy Etc Nesoi, Boxed Or Not	3,542	3,550	0.23

## III. Maine Top Export Partner Countries

### Chapter 47: Wood Pulp

Rank	HS Codes	Description	ANNUAL 2017	ANNUAL 2018	%2017-2018
		TOTAL ALL PARTNER COUNTRIES	179,238,019	199,350,329	11.22
1	CHN	China	107,855,023	85,668,644	-20.57
2	ITA	Italy	39,116,271	64,186,987	64.09
3	CAN	Canada	23,269,021	21,287,147	-8.52
4	KOR	Korea, Republic Of	278,368	14,716,936	5,186.86
5	DEU	Germany	88,439	5,327,066	5,923.44
6	TUR	Turkey	2,225,624	4,453,900	100.12
7	NLD	Netherlands	2,387,409	1,029,020	-56.9

#### Chapter 44: Wood and Articles of Wood

Rank	HS Codes	Description	ANNUAL 2017	ANNUAL 2018	%2017- 2018
		TOTAL ALL PARTNER COUNTRIES	190,454,814	194,712,483	2.24
1	CAN	Canada	166,114,965	174,409,099	4.99
2	DOM	Dominican Republic	7,964,215	10,424,155	30.89
3	CHN	China	12,083,570	6,609,057	-45.31
4	PAK	Pakistan	768,211	746,030	-2.89
5	ISR	Israel	357,064	364,778	2.16
6	CRI	Costa Rica	268,228	314,526	17.26
7	AUS	Australia	720,587	309,084	-57.11
8	GBR	United Kingdom	216,777	159,513	-26.42
9	VNM	Vietnam	51,691	140,403	171.62
10	THA	Thailand	306,487	139,059	-54.63

#### Chapter 48: Paper and Paperboard

Rank	HS Codes	Description	ANNUAL 2017	ANNUAL 2018	%2017- 2018
		TOTAL ALL PARTNER COUNTRIES	170,643,479	171,790,333	0.67
1	CAN	Canada	141,411,182	150,343,008	6.32
2	MEX	Mexico	7,578,851	7,748,063	2.23
3	GBR	United Kingdom	2,894,743	3,337,556	15.3
4	CHN	China	2,559,137	3,232,808	26.32
5	ITA	Italy	350,355	1,424,745	306.66
6	FRA	France	221,753	586,718	164.58
7	ESP	Spain	763,755	541,202	-29.14
8	ISL	Iceland	1,740,329	478,783	-72.49
9	DEU	Germany	1,215,978	437,807	-64
10	IND	India	2,482,679	386,789	-84.42

## IV. Maine Top Import Partner Countries

### Chapter 47: Wood Pulp

Rank	HS Codes	Description	ANNUAL 2017	ANNUAL 2018	%2017-2018
		TOTAL ALL PARTNER COUNTRIES	165,810,390	203,676,100	22.84
1	CAN	Canada	165,655,665	202,253,258	22.09
2	SWE	Sweden	0	725,000	-
3	BRA	Brazil	112,400	534,576	375.6
4	NOR	Norway	0	163,266	-
5	FRA	France	42,325	0	-100
6	ESP	Spain	0	0	-

### Chapter 44: Wood and Articles of Wood

Rank	HS Codes	Description	ANNUAL 2017	ANNUAL 2018	%2017-2018
		TOTAL ALL PARTNER COUNTRIES	167,172,785	179,869,994	7.6
1	CAN	Canada	155,226,933	154,085,386	-0.74
2	IDN	Indonesia	1,714,118	9,212,126	437.43
3	THA	Thailand	1,510,638	6,369,198	321.62
4	CHN	China	4,849,453	5,707,564	17.7
5	BRA	Brazil	1,729,920	1,145,805	-33.77
6	LTU	Lithuania	519,574	772,916	48.76
7	CHL	Chile	353,500	534,254	51.13
8	PRT	Portugal	15,683	489,028	3,018.20
9	DEU	Germany	383,220	430,125	12.24
10	NLD	Netherlands	40,448	409,723	912.96

**Chapter 48: Paper and Paperboard**

Rank	HS Codes	Description	ANNUAL 2017	ANNUAL 2018	%2017-2018
		TOTAL ALL PARTNER COUNTRIES	104,124,153	115,150,313	10.59
1	CAN	Canada	97,589,500	106,291,475	8.92
2	DNK	Denmark	2,714,920	3,825,341	40.9
3	KOR	Korea, Republic Of	956,580	1,067,162	11.56
4	SWE	Sweden	1,017,002	878,386	-13.63
5	DEU	Germany	281,659	775,705	175.41
6	CHN	China	728,552	691,054	-5.15
7	GBR	United Kingdom	152,464	457,609	200.14
8	FRA	France	360,237	343,705	-4.59
9	MEX	Mexico	17,985	172,048	856.62
10	HKG	Hong Kong	0	171,898	-