

## Overview

Below are the Table of Contents, an excerpt and a sample table from the *World Market Pulp Capacity Report*.

This report includes current, planned and assumed capacity for the world market pulp industry from 1999 to 2011. Capacities in each country are listed by mill and by grade.

For additional information, please email us at sales@risi.com.

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Sweden  
Norway  
Other Western Europe  
Eastern Europe  
Japan  
Other Asia  
Brazil  
Other Latin America  
Oceania  
Africa/Middle East

### Market Pulp Capacity By Grade

Bleached Softwood Kraft  
Bleached Hardwood Kraft  
Sulfite  
Unbleached Kraft  
Mechanical  
Semicheical

### Excerpt - Introduction

For purposes of this report, market pulp is defined to include pulp that is produced by one company and sold to another company within the same country and pulp that crosses an international border. Therefore, market

pulp includes pulp that is produced by a company in one country and consumed by the same company in another country, because it crosses an international border. The only exception to the "international border" rule is in North America: pulp produced in Canada that is shipped to operations of the same company in the United States is counted not as "market" pulp, but rather as "affiliated" pulp.

Capacities in each country are listed by mill and by grade. Seven main grades are recognized: bleached softwood kraft, bleached hardwood kraft, unbleached kraft, bleached sulfite, unbleached sulfite, mechanical and semicheical. Where possible, we have broken out mechanical pulp into its separate categories: refiner mechanical, thermomechanical, stone groundwood and chemi-mechanical.

Some market pulp mills listed in this report have pulp drying capacity substantially above the market capacities listed here. The difference between the drying capacity and the market capacity is generally accounted for by dried pulp that is used within the company. RISI recognizes that, under certain market conditions, some producers will "swing" dried pulp production from internal use to market sales. Dissolving pulp is not included in this survey as this grade is used in non-papermaking applications.

The *World Market Pulp Capacity Report* is based on published information available through December 2009 as well as our own estimates and judgments. Our capacity database is updated every quarter and published once per year.

## Definitions

BSK	Bleached Softwood Kraft Pulp
BHK	Bleached Hardwood Kraft Pulp
UKP	Unbleached Kraft Pulp
BIT	Bleached Sulfite Pulp
UIT	Unbleached Sulfite Pulp
MEC	Mechanical Pulp
RMP	Refiner Mechanical Pulp
SGW	Stone Groundwood Pulp
CMP	Chemi-Mechanical Pulp
TMP	Thermomechanical Pulp
CTM	Chemithermomechanical
BCT	Bleached Chemithermomechanical
Pulp	
SEM	Semicheical Pulp
CHM	Chemical Papergrade Pulp

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## Sample Table

### Market Pulp Capacity by Mill

#### Finland Market Pulp Capacity Thousand Tonnes per Year

Company	Mill	Ownership	Grade	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Enocell	Enocell	Enocell	BHK	0	0	0	0	0	0	0	0	0	0
Metsa Botnia	Aanekoski	Metsaliitto	BSK	0	0	0	0	15	15	15	15	15	15
Metsa Botnia	Aanekoski	Metsaliitto	BHK	0	0	0	0	20	20	20	20	20	20
Metsa Botnia	Joutseno	Metsaliitto	BSK	250	250	270	375	375	420	425	530	585	590
Metsa Botnia	Kaskinen	Metsaliitto	BSK	0	0	0	0	0	0	0	0	50	60
Metsa Botnia	Kaskinen	Metsaliitto	BHK	170	170	200	280	315	315	315	320	275	230
Metsa Botnia	Kemi	Metsaliitto	BSK	40	40	40	70	85	100	100	100	100	100
Metsa Botnia	Kemi	Metsaliitto	BHK	100	100	100	100	175	175	175	175	175	175
Metsa Botnia	Kemi	Metsaliitto	UKP	30	30	20	10	10	10	20	20	20	20
Metsa Botnia	Rauma	Metsaliitto	BSK	380	360	345	355	370	370	380	490	460	455
M-real	Joutseno	Metsaliitto	MEC	0	0	0	20	45	110	0	0	0	0
M-real	Kaskinen	Metsaliitto	MEC	0	0	0	0	0	0	75	225	300	300
M-real	Lielähti	Metsaliitto	MEC	120	120	120	120	120	20	0	0	0	0
Other/Swing	Other/Swing	Other/Swing	BSK	0	0	0	0	30	0	0	0	-300	-300
Other/Swing	Other/Swing	Other/Swing	BHK	0	0	0	0	0	0	0	0	-80	-80
Other/Swing	Other/Swing	Other/Swing	UKP	0	0	0	0	0	0	0	0	0	0
Other/Swing	Other/Swing	Other/Swing	MEC	0	0	0	0	0	0	0	0	0	0
Stora Enso	Kemijärvi	Stora Enso	BSK	50	50	50	50	50	50	50	50	150	25
Stora Enso	Kemijärvi	Stora Enso	BHK	30	30	0	0	0	0	0	0	0	0
Stora Enso	Oulu	Stora Enso	BSK	50	0	0	0	0	0	0	0	100	100
Stora Enso	Oulu	Stora Enso	BHK	50	0	0	0	0	0	0	0	0	0
Stora Enso Pulp Supply	Enocell	Stora Enso	BSK	140	100	105	130	130	125	125	125	175	175
Stora Enso Pulp Supply	Enocell	Stora Enso	BHK	220	220	260	275	275	275	275	275	355	340
Sunila	Kotka	Stora Enso	BSK	50	50	50	50	105	100	100	100	235	235
UPM (Kaukas)	Lappeenranta	UPM	BSK	215	175	225	225	300	290	290	290	290	290
UPM (Kaukas)	Lappeenranta	UPM	BHK	240	240	245	250	260	250	260	265	275	280
UPM (Wisaforest)	Pietarsaari	UPM	BSK	50	25	40	45	65	55	65	100	100	105
UPM (Wisaforest)	Pietarsaari	UPM	BHK	90	90	95	95	100	100	95	95	90	95
<b>Finland Totals</b>													
			BSK	1,225	1,050	1,125	1,300	1,525	1,525	1,550	1,800	1,960	1,850
			BHK	900	850	900	1,000	1,145	1,135	1,140	1,150	1,110	1,060
			UKP	30	30	20	10	10	10	20	20	20	20
			CLP	2,155	1,930	2,045	2,310	2,680	2,670	2,710	2,970	3,090	2,930
			MEC	120	120	120	140	165	130	75	225	300	300
			PLP	2,275	2,050	2,165	2,450	2,845	2,800	2,785	3,195	3,390	3,230