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# PRIMARY PROCESSING STATISTICS 2015/16

# NUMBER OF PROCESSING PLANTS BY TYPE OF PLANT AND INTAKE

Tur

	Annual Roundwood Intake m <sup>3</sup>					
	0 -	20,000 -	50,000 -	100,000 -	200,000 +	Total
pe of Plant	20,000	50,000	100,000	200,000		
			Number	of Plants		
wmills	35	12	13	13	2	75
neer Mills	2	0	0	0	0	2
p, Paper & Board Mills	6	0	2	4	5	17
ning Timber Mills	9	6	2	0	0	17
le Treating Plants	29	5	1	0	0	35
tch Factories	0	0	1	0	0	1
arcoal Plants	2	1	0	1	0	4
tal	83	24	19	18	7	151

#### ROUNDWOOD INTAKE BY PRIMARY PROCESSING SECTOR

Type of Plant		% to		
	Softwood	Hardwood	Total	Total
Sawmills / Veneer Mills	3 589	440	4 029	24.6%
Pulp. Paper & Board Mills	1640	9 588	11 228	68.7%
Mining Timber Mills	0	477	477	2.9%
Pole Treating Plants	89	272	361	2.2%
Match Factories	28	0	28	0.2%
Charcoal Plants	0	236	236	1.4%
Total Intake	5 346	11 013	16 359	100.0%

NOTE: No direct comparison between roundwood intake and sales from plantations can be made. as excluded from the latter are imports of roundwood as well as chips and other mill residues that form part of the intake of pulp mills and charcoal plants.

### SALES ex PRIMARY PROCESSING PLANTS BY VOLUME

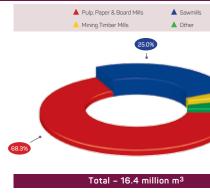
Product	11-24-	Volume
Product	Units	'000 m <sup>3</sup> / Tons
Sawn Timber	m <sup>3</sup>	2 144
Pulp	Tons	2 222
Wood Based Panel Products	m <sup>3</sup>	1 447
Mining Timber	Tons	340
Poles	m <sup>3</sup>	514
Charcoal	Tons	58
Chips / Mill Residues	Tons	2 312
Firewood	Tons	45

#### SALES ex PRIMARY PROCESSING PLANTS BY VALUE

Rand Million	% to Total
5 970.8	23.4%
14 529.2	56.9%
383.2	1.5%
1 823.5	7.2%
1 080.3	4.2%
53.7	0.2%
1 505.5	5.9%
188.4	0.7%
25 534.6	100.0%
	5 970.8 14 529.2 383.2 1 823.5 1 080.3 53.7 1 505.5 188.4

NOTE: Sales of paper products are excluded

# Intake of Roundwood into Processing Plants 2016



# Roundwood Intake into Processing Plants by Province & Product 2016

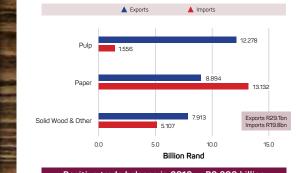


Total – 16.4 million m<sup>3</sup>





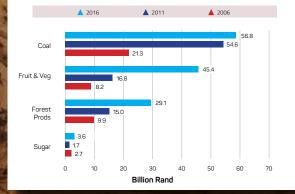
# Imports vs Exports of Forest Products 2016



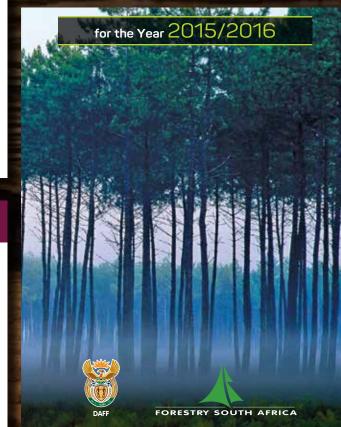
Positive trade balance in 2016 = R9.290 billion

2.9% 3.8%

# Export Comparisons 2006, 2011 & 2016



# Abstract of South African **Forestry Facts**



Published by Forestry South Africa: October 2017 (Source: Dept. Agriculture, Forestry & Fisheries)

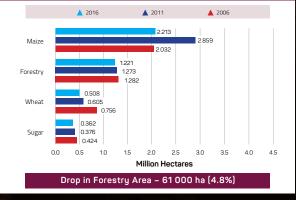
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# PLANTATION STATISTICS 2015/16

LAND UTILISATION COMPARISONS							
Country Total Forestry % of Total							
	Area	Area	Area				
	Million ha	Hectares					
R.S.A.*	119.3	1220726	1.0%				
Zimbabwe*	39.1	100 000	0.3%				
European Union	313.1	90 799 000	29.0%				
U.S.A.	957.3	287 190 000	30.0%				
Canada	922.1	359 619 000	39.0%				
Japan	37.7	25 259 000	67.0%				
Russian Federation	1 707.5	785 450 000	46.0%				
World	13 116.3	3 934 890 000	30.0%				

\* Plantation area only

# Land Use Comparisons 2006, 2011 & 2016



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1	
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PLANTATION AREA BY SPECIES / OWNERSHIP								
Species	Owr	ership 2015/	'16	Percent	Percent			
	Private	Public *	Total	Privately	Publicly			
		Hectares		Owned	Owned			
Softwood	448 211	159 605	607 815	73.7%	26.3%			
E. grandis	223 562	36 611	260 173	85.9%	14.1%			
Other gum	246 335	14 839	261 174	94.3%	5.7%			
Wattle	82 640	4 461	87 101	94.9%	5.1%			
Other	3 641	822	4 463	81.6%	18.4%			
Total 1 004 389 216 337 1 220 726 82.3% 17.7%								
* Includes S	afcol (KLE)				and the second second			

#### PLANTATION AREA BY SPECIES / PROVINCE

Province	Planta	Plantation Area (Hectares)					
	Softwood	Hardwood	Total	Area			
Limpopo	29 417	23 668	53 085	4.4%			
Mpumalanga	302 005	192 938	494 943	40.5%			
North West Province	0	304	304	0.0%			
Gauteng	0	0	0	0.0%			
Free State	0	0	0	0.0%			
KwaZulu-Natal	115 922	371 034	486 956	39.9%			
Eastern Cape	118 000	23 408	141 408	11.6%			
Northern Cape	0	0	0	0.0%			
Western Cape	42 471	1 559	44 030	3.6%			
Total R.S.A.	607 815	612 911	1 220 726	100.0%			

#### PLANTATION AREA BY PROVINCE / OWNERSHIP

Province	Owr	nership 2015	Percent	Percent	
	Private	Public *	Total	Privately	Publicly
		Hectares		Owned	Owned
Limpopo	28 598	24 487	53 085	53.9%	46.1%
Mpumalanga	362 764	132 179	494 943	73.3%	26.7%
North West Province	0	304	304	0.0%	100.0%
Gauteng	0	0	0	0.0%	0.0%
Free State	0	0	0	0.0%	0.0%
KwaZulu-Natal	455 396	31 560	486 956	93.5%	6.5%
Eastern Cape	114 182	27 226	141 408	80.7%	19.3%
Northern Cape	0	0	0	0.0%	0.0%
Western Cape	43 449	581	44 030	98.7%	1.3%
Total R.S.A.	1004389	216 337	1220726	82.3%	17.7%

# Plantation Area by Ownership 2016

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# Plantation Area by Species 2016

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# NEW AFFORESTATION BY PROVINCE

Province	New Afforestation (Hectares)				
	Private	Public *	Total		
Limpopo	16	0			
Mpumalanga	336	0	3		
North West Province	0	0			
Gauteng	0	0			
Free State	0	0			
KwaZulu-Natal	755	0			
Eastern Cape	0	0			
Northern Cape	0	0			
Western Cape	0	0			
Total R.S.A.	1 107	0	1		

\* Includes Safcol (KLF)

# NEW AFFORESTATION BY SPECIES OVER LAST 7 YEARS

Year	New Aff	orestation (H	ectares)	%	%
	Softwood	Hardwood	Total	Softwood	Hardwood
2009/10	210	908	1 118	18.8%	81.2%
2010/11	395	1 178	1573	25.1%	74.9%
2011/12	336	709	1045	32.2%	67.8%
2012/13	605	600	1205	50.2%	49.8%
2013/14	557	598	1 155	48.2%	51.8%
2014/15	436	453	889	49.0%	51.0%
2015/16	526	581	1 107	47.5%	52.5%
Total R.S.A.	3 065	5 027	8 092	37.9%	62.1%

# ROUNDWOOD SALES FROM PLANTATIONS

Product	By Volume '000 m <sup>3</sup> *		
	Softwood	Hardwood	Total
Sawlogs & Veneer Logs	4 227	220	4 447
Pulpwood	2 292	8 589	10 881
Mining Timber	0	433	433
Poles	56	272	328
Other	61	292	353
Total	6 636	9 806	16 442

\* Converted into m<sup>3</sup> using Standard Industry Conversion Factors



#### % of Total Area 1.4% 336 30.4% 0.0% 0.0% 0.0% 68.2% 0.0% 0.0% 0.0% 100.0% 107

By Value

R million

2 0 2 9.1

6 464.7

203.5

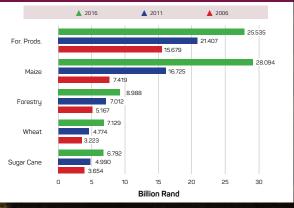
231.1

59.7

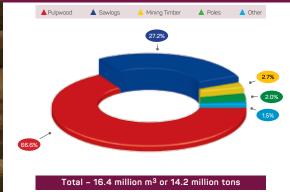
8 988.1

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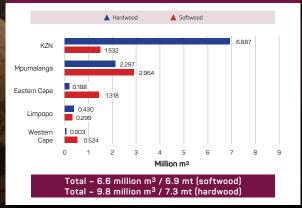
# Gross Value of Output Comparisons 2006, 2011 & 2016



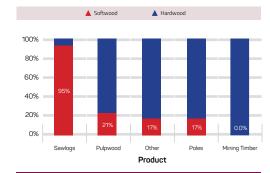
# **Total Roundwood Production ex** Plantations by Product 2016



# Roundwood Production by Province and Genera 2016



# Composition of Roundwood Production by Product 2016



Overall: Softwood = 40% & Hardwood = 60%



