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INTERNATIONAL COTTON INDUSTRY STATISTICS

INTERNATIONAL TEXTILE MANUFACTURERS FEDERATION
FÉDÉRATION INTERNATIONALE DES INDUSTRIES TEXTILES
INTERNATIONALE VEREINIGUNG DER TEXTILINDUSTRIE



INTERNATIONAL COTTON INDUSTRY STATISTICS

Vol. 59/2016

International Cotton Industry Statistics presents data on the productive capacity (spindles, rotors, air-jets, shuttle and shuttle-less looms) and raw materials consumption (cotton and man-made fibres) in the short-staple organized (spinning mill-) sector of the textile industries in virtually all textile-producing countries in the world. The information in this report is based on data collected from national textile associations and other publicly available sources.

Each of the three main sections in the publication (spinning capacities, weaving capacities, raw materials consumption) begins with a graphical illustration of the most salient features of some of the data contained in the subsequent detailed tables.

The geographical grouping of countries is based on continents. For Europe and the Americas, a further division has been made according to regions.

Note: The times series listed in the Appendix A have been revised.

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Table of contents

Spinning Machinery

Graphs

- 4 Summary
- 5 Installed Short-Staple Spindles
- 6 Installed OE-Rotors

Tables: Installed Machinery 2016

- 7 Summary
- 8 Africa
- 9 The Americas
- 10 Asia & Oceania
- 11 Europe

Weaving Machinery

Graphs

- 12 Summary
- 13 Installed Shuttle-less Looms
- 14 Installed Shuttle Looms

Tables: Installed Machinery 2016

- 15 Summary
- 16 Africa
- 17 The Americas
- 18 Asia & Oceania
- 19 Europe

Raw Materials Consumption

Graphs

- 20 Summary
- 21 Raw Cotton
- 22 Cellulosic Staple Fibres
- 23 Synthetic Staple Fibres

Tables: Raw Materials Consumption 2016

- 24 Summary
- 25 Africa
- 26 The Americas
- 27 Asia & Oceania
- 28 Europe

29 Appendix A : Data Revision

Spinning Machinery

Summary

Fig 1: Global Ring Spindle Capacities

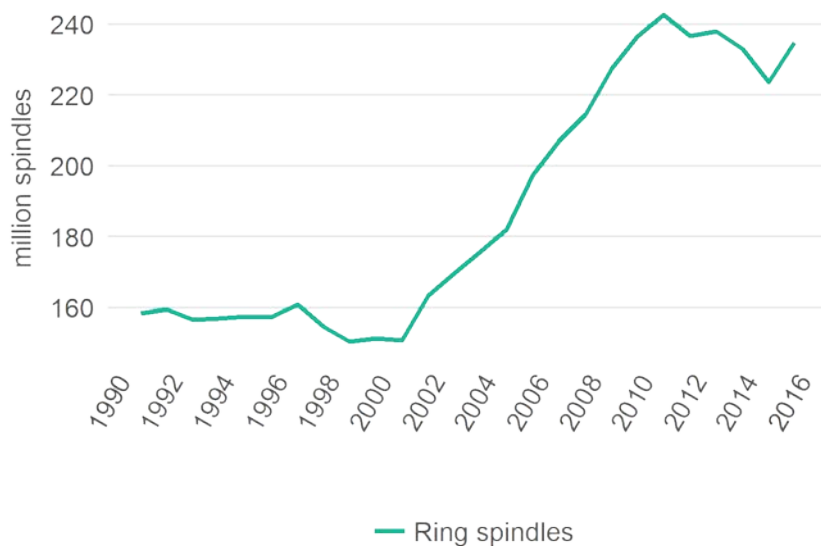
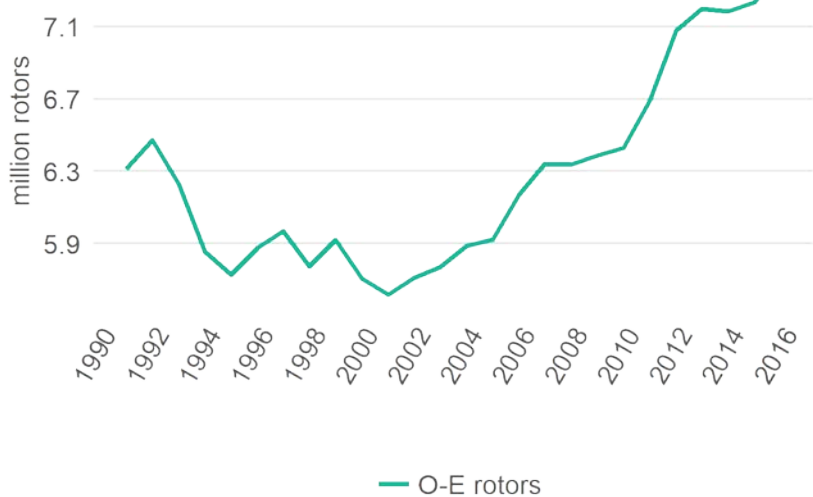


Fig 2: Global Open-End Rotor Capacities



Spinning Machinery

Installed Short-Staple Spindles

Fig 3: Installed Short-Staple Spindles
2016 = 235 million spindles

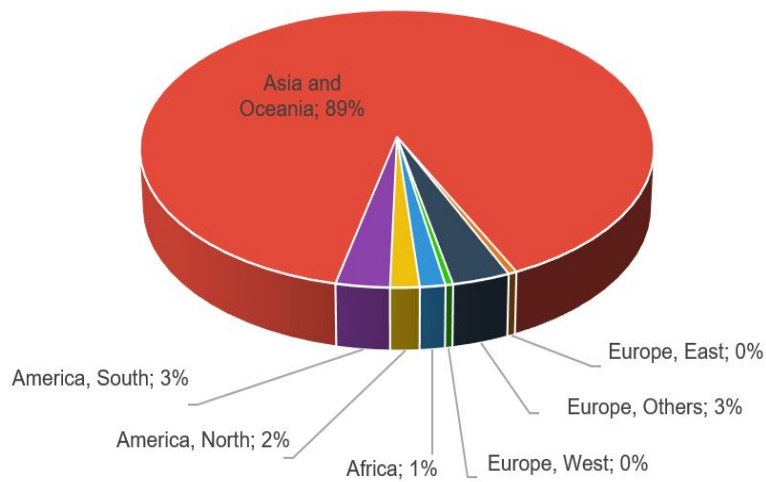
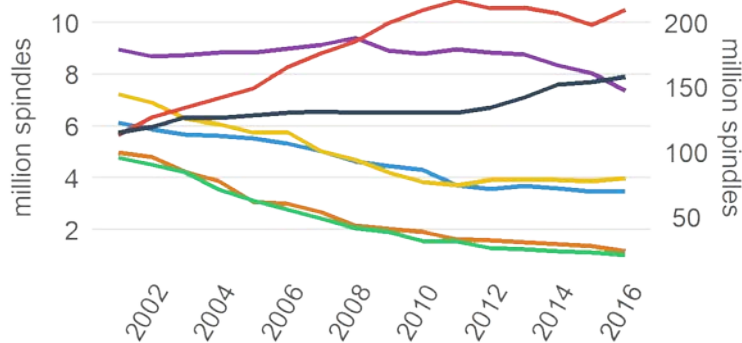


Fig 4: Installed Short-Staple Ring Spindle Capacities
2016 = 235 million spindles



— Africa, lhs
 — America, South, lhs
 — Europe, East, lhs
 — Europe, West, lhs
— America, North, lhs
 — Asia and Oceania, rhs
 — Europe, Others, lhs

Spinning Machinery

Installed Open-End Rotors

Fig 5: Installed Open-End Rotors
2016 = 7.4 million rotors

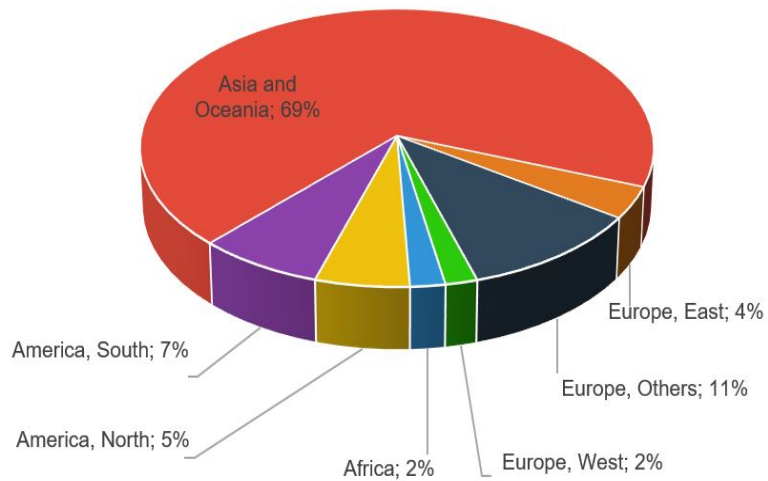
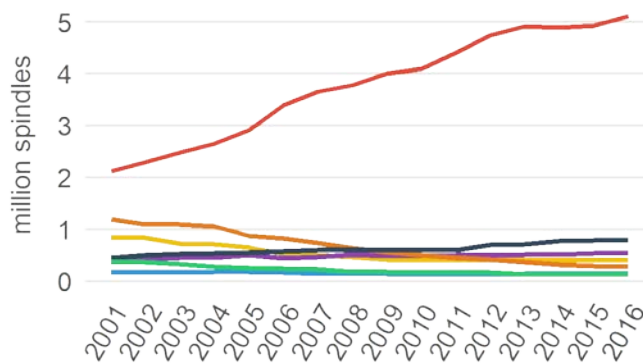


Fig 6: Installed Open-End Rotor Capacities
2016 = 7.4 million rotors



— Africa — America, South — Europe, East — Europe, West
— America, North — Asia and Oceania — Europe, Others

Spinning Machinery

2016

Table 1.1 : Summary (Number installed at end of year, per region)

Regions	Air-jet Spindles	Rotors	Short-Staple
Africa	520	151'048	3'466'620
America, North	16'494	407'318	3'988'177
America, South	11'044	538'711	7'360'403
Asia and Oceania	251'000	5'114'912	210'040'975
Europe, East	468	276'740	1'158'796
Europe, Others	19'576	800'000	7'900'000
Europe, West	8'084	138'776	1'025'560
World	307'186	7'427'505	234'940'531

Spinning Machinery

2016

Table 1.2 : Africa (Number installed at end of year, per country)

Partner	Air-jet Spindles	Rotors	Short-Staple
Algeria	0	6'000	300'000
Angola	0	400	110'000
Benin	0	6'000	40'000
Botswana	0	1'500	15'000
Burkina Faso	0	0	7'000
Cameroon	0	2'000	35'000
Chad	0	0	18'000
Egypt	0	6'968	864'000
Eritrea	0	0	5'500
Ethiopia	0	19'000	293'852
Ghana	0	0	20'000
Ivory Coast	0	3'000	40'000
Kenya	0	1'524	53'160
Lesotho	0	3'456	71'208
Madagascar	0	1'300	20'000
Malawi	0	0	40'000
Mali	0	0	20'000
Mauritius	280	800	88'000
Morocco	0	40'000	250'000
Mozambique	0	0	10'000
Niger	0	0	14'000
Nigeria	0	12'000	290'000
Senegal	0	0	25'000
South Africa	240	7'000	60'000
Sudan	0	20'000	180'000
Swaziland	0	0	34'000
Tanzania	0	0	280'000
Togo	0	0	5'000
Tunisia	0	6'500	140'400
Uganda	0	1'200	25'000
Zaire	0	2'500	32'500
Zambia	0	2'500	30'000
Zimbabwe	0	7'400	50'000
Africa	520	151'048	3'466'620

Spinning Machinery

2016

Table 1.3 : The Americas (Number installed at end of year, per country)

Partner	Air-jet Spindles	Rotors	Short-Staple
Canada	256	16'800	100'300
Costa Rica	0	0	44'000
Cuba	0	1'000	180'000
Dominican Rep	0	1'400	20'000
El Salvador	44	3'000	250'000
Guatemala	0	21'000	150'000
Mexico	120	61'118	2'348'877
Nicaragua	0	0	25'000
U.S.A	16'074	303'000	870'000
America, North	16'494	407'318	3'988'177

Partner	Air-jet Spindles	Rotors	Short-Staple
Argentina	1'596	60'000	1'200'000
Bolivia	0	2'500	30'000
Brazil	9'448	399'711	4'470'903
Chile	0	2'000	160'000
Colombia	0	15'000	230'000
Ecuador	0	12'000	150'000
Paraguay	0	0	12'000
Peru	0	18'000	700'000
Uruguay	0	4'500	27'500
Venezuela	0	25'000	380'000
America, South	11'044	538'711	7'360'403

The Americas	27'538	946'029	11'348'580
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Spinning Machinery

2016

Table 1.4 : Asia and Oceania (Number installed at end of year, per country)

Partner	Air-jet Spindles	Rotors	Short-Staple
Australia	3'332	3'000	1'800
Bahrain	0	500	46'000
Bangladesh	3'256	257'000	11'650'000
China	156'868	2'850'000	100'000'000
Chinese Taipei	8'164	66'140	1'252'623
Hong Kong, China	504	4'900	79'000
India	16'032	877'950	52'537'816
Indonesia	18'124	211'529	12'103'803
Iran	980	90'000	2'050'000
Iraq	0	5'000	70'000
Japan	10'000	12'000	889'076
Jordan	0	500	16'000
Kazakhstan	0	10'400	41'500
Korea, Rep	6'196	7'944	1'005'696
Kyrgyzstan	0	0	17'500
Malaysia	4'984	0	140'000
Myanmar	0	1'600	250'000
Nepal	0	0	100'000
Pakistan	8'200	187'259	13'434'000
Philippines	60	50'000	230'000
Saudi Arabia	0	0	10'000
Sri Lanka	600	200	26'149
Syria	0	27'000	770'000
Tadzhikistan	0	9'700	70'000
Thailand	6'508	48'000	3'787'500
Turkmenistan	0	105'900	677'500
United Arab Emirates	0	0	25'000
Uzbekistan	0	156'390	1'810'012
Vietnam	7'192	132'000	6'950'000
Asia and Oceania	251'000	5'114'912	210'040'975

Spinning Machinery

2016

Table 1.5 : Europe (Number installed at end of year, per country)

Partner	Air-jet Spindles	Rotors	Short-Staple
Austria	1'520	7'796	90'960
Belgium	0	11'300	24'900
France	1'300	25'800	43'200
Germany	2'032	8'000	110'000
Greece	228	5'700	146'500
Ireland	0	0	23'000
Italy	2'076	6'000	275'000
Netherlands	0	7'000	9'000
Portugal	312	32'580	173'800
Spain	36	29'000	60'000
Switzerland	340	1'500	48'000
United Kingdom	240	4'100	21'200
Europe, West	8'084	138'776	1'025'560

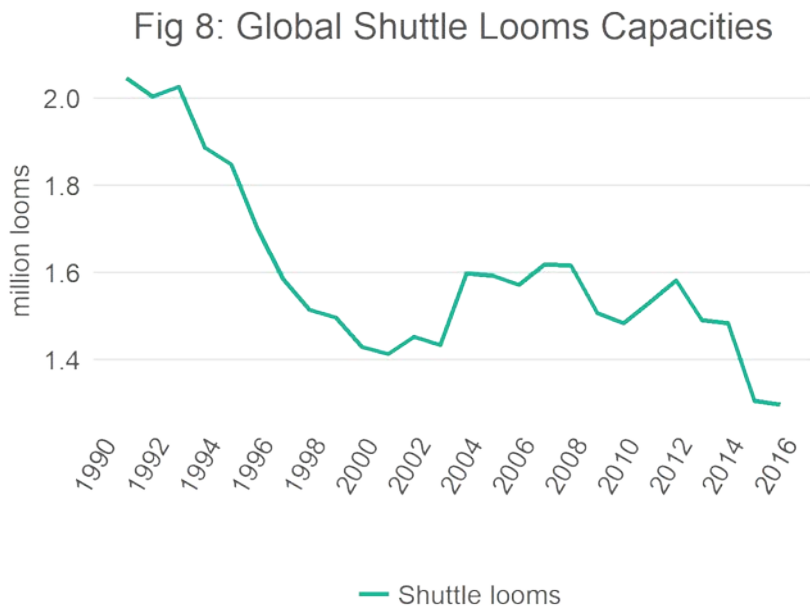
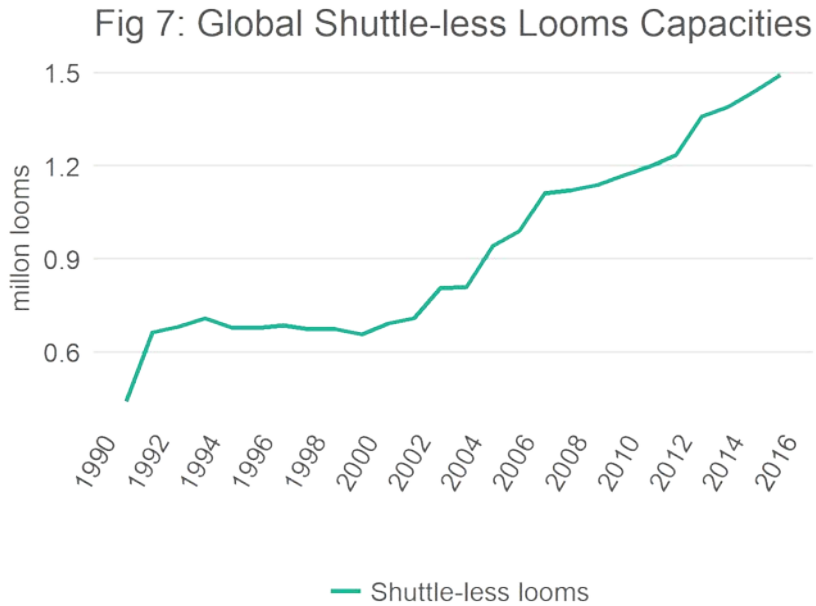
Partner	Air-jet Spindles	Rotors	Short-Staple
Albania	0	0	100'000
Armenia	0	15'000	15'000
Azerbaijan	0	14'600	45'500
Belarus	0	10'300	41'000
Bosnia And Herzegovina	0	0	50'000
Bulgaria	0	24'000	240'000
Croatia	240	1'480	19'836
Czech Republic	228	12'800	67'100
Estonia	0	36'000	53'000
Georgia	0	9'000	33'500
Hungary	0	0	30'000
Lithuania	0	23'100	101'800
Macedonia	0	0	120'000
Moldova	0	29'760	50'000
Poland	0	2'400	8'800
Romania	0	10'000	50'000
Russia	0	70'000	40'000
Slovakia	0	0	8'700
Slovenia	0	0	34'560
Ukraine	0	18'300	50'000
Europe, East	468	276'740	1'158'796

Partner	Air-jet Spindles	Rotors	Short-Staple
Turkey	19'576	800'000	7'900'000
Europe, Others	19'576	800'000	7'900'000

Europe	28'128	1'215'516	10'084'356
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Weaving Machinery

Summary



Weaving Machinery

Installed Shuttle-less Looms

Fig 9: Installed Shuttle-less Looms
2016 = 1.5 million looms

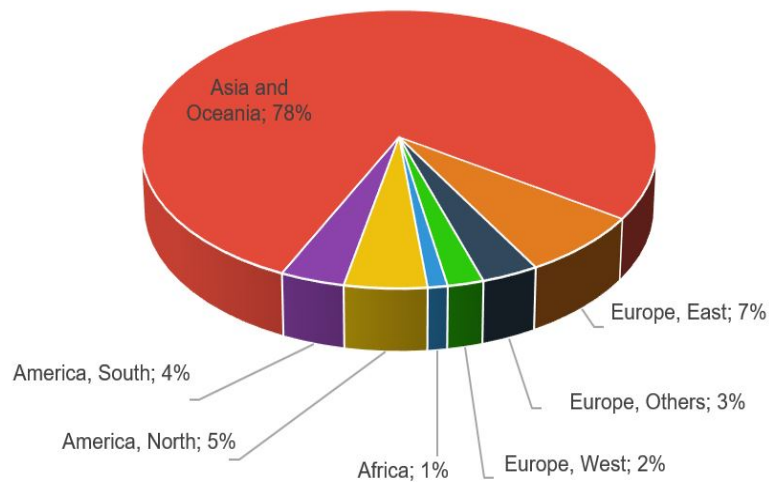
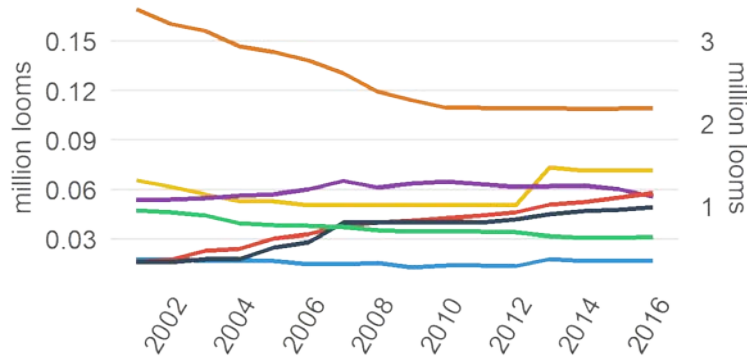


Fig 10: Installed Shuttle-less Looms
2016 = 1.5 million looms



— Africa, lhs
 — America, South, lhs
 — Europe, East, lhs
 — Europe, West, lhs
— America, North, lhs
 — Asia and Oceania, rhs
 — Europe, Others, lhs

Weaving Machinery

Installed Shuttle Looms

Fig 11: Installed Shuttle Looms
2016 = 1.3 million looms

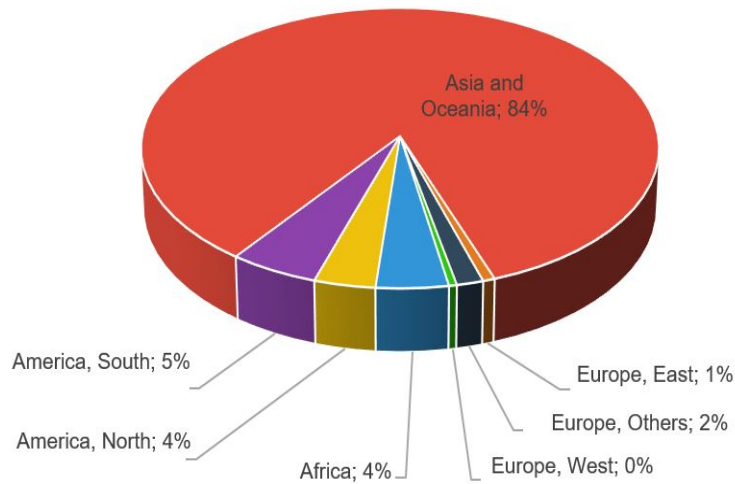
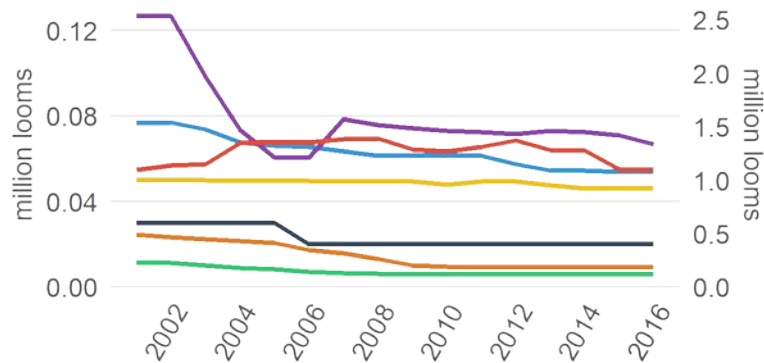


Fig 12: Installed Shuttle Looms
2016 = 1.3 million looms



- Africa, lhs
- America, South, lhs
- America, North, lhs
- Asia and Oceania, rhs
- Europe, East, lhs
- Europe, Others, lhs
- Europe, West, lhs

Weaving Machinery

2016

Table 2.1 : Summary (Number installed at end of year, per region)

Regions	Shuttle Looms	Shuttleless Looms
Africa	54'068	17'192
America, North	45'909	71'584
America, South	66'824	55'807
Asia and Oceania	1'095'245	1'159'740
Europe, East	9'040	109'013
Europe, Others	20'000	49'500
Europe, West	5'866	31'347
World	1'296'952	1'494'183

Weaving Machinery

2016

Table 2.2 : Africa (Number installed at end of year, per country)

Partner	Shuttle Looms	Shuttleless Looms
Algeria	8'000	2'100
Angola	800	303
Benin	2'000	0
Botswana	0	180
Cameroon	1'000	200
Chad	250	36
Egypt	591	2'630
Eritrea	260	66
Ethiopia	167	2'200
Ghana	3'500	190
Ivory Coast	2'000	55
Kenya	200	431
Lesotho	0	50
Madagascar	0	88
Malawi	350	70
Mali	1'000	0
Mauritius	0	600
Morocco	4'000	2'100
Mozambique	2'500	120
Nigeria	5'000	3'300
Senegal	500	153
South Africa	300	450
Sudan	10'000	387
Swaziland	0	110
Tanzania	5'000	150
Togo	0	23
Tunisia	1'850	255
Uganda	1'000	120
Zaire	2'500	160
Zambia	1'000	160
Zimbabwe	300	505
Africa	54'068	17'192

Weaving Machinery

2016

Table 2.3 : The Americas (Number installed at end of year, per country)

Partner	Shuttle Looms	Shuttleless Looms
Canada	0	3'000
Costa Rica	1'000	100
Cuba	5'000	4'000
Dominican Rep	500	150
El Salvador	3'000	200
Guatemala	3'000	890
Mexico	31'509	35'494
Nicaragua	500	150
U.S.A	1'400	27'600
America, North	45'909	71'584

Partner	Shuttle Looms	Shuttleless Looms
Argentina	17'500	6'500
Bolivia	1'000	100
Brazil	20'924	39'327
Chile	8'000	800
Colombia	8'500	4'000
Ecuador	400	600
Paraguay	0	100
Peru	5'000	1'350
Uruguay	500	530
Venezuela	5'000	2'500
America, South	66'824	55'807

The Americas	112'733	127'391
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Weaving Machinery

2016

Table 2.4 : Asia and Oceania (Number installed at end of year, per country)

Partner	Shuttle Looms	Shuttleless Looms
Afghanistan	0	92
Australia	0	850
Bahrain	0	420
Bangladesh	17'200	33'800
Cambodia	0	31
China	345'000	835'000
Chinese Taipei	320	18'062
Hong Kong, China	1'000	8'000
India	45'465	22'821
Indonesia	196'620	68'914
Iran	8'500	12'200
Iraq	3'500	2'000
Japan	4'204	13'496
Jordan	0	50
Kazakhstan	0	400
Korea, Rep	0	262
Kuwait	0	69
Kyrgyzstan	960	1'550
Malaysia	1'200	3'000
Myanmar	15'000	750
Nepal	1'000	240
Pakistan	375'000	36'700
Philippines	7'000	2'500
Qatar	0	38
Saudi Arabia	0	450
Sri Lanka	2'646	1'297
Syria	300	2'700
Tadzhikistan	2'200	4'600
Thailand	53'000	79'600
Turkmenistan	0	1'000
United Arab Emirates	0	500
Uzbekistan	130	1'548
Vietnam	15'000	6'800
Asia and Oceania	1'095'245	1'159'740

Weaving Machinery

2016

Table 2.5 : Europe (Number installed at end of year, per country)

Partner	Shuttle Looms	Shuttleless Looms
Belgium	372	3'720
France	130	2'000
Germany	400	1'600
Greece	1'950	55
Italy	1'334	6'900
Luxembourg	0	10
Netherlands	0	1'200
Portugal	1'560	9'412
Spain	0	2'850
Switzerland	20	600
United Kingdom	100	3'000
Europe, West	5'866	31'347

Partner	Shuttle Looms	Shuttleless Looms
Albania	2'000	25
Armenia	0	5'000
Azerbaijan	0	3'000
Belarus	0	1'580
Bosnia And Herzegovina	1'000	0
Bulgaria	0	6'000
Croatia	40	0
Czech Republic	0	4'400
Estonia	0	3'700
Georgia	0	1'000
Hungary	0	240
Lithuania	400	2'110
Macedonia	1'200	38
Moldova	0	1'870
Poland	1'400	900
Romania	1'000	5'000
Russia	2'000	55'900
Slovakia	0	140
Slovenia	0	110
Ukraine	0	18'000
Europe, East	9'040	109'013

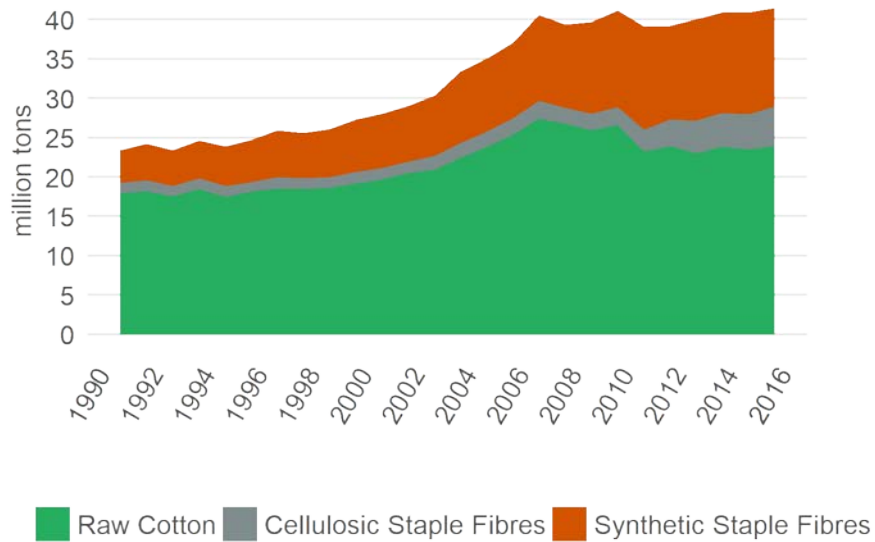
Partner	Shuttle Looms	Shuttleless Looms
Turkey	20'000	49'500
Europe, Others	20'000	49'500

Europe	34'906	189'860
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Raw Materials Consumption

Summary

Fig 13: Global Consumption of Raw Materials



Raw Materials Consumption

Raw Cotton

Fig 14: Cotton Consumption
2016 = 24 million tons

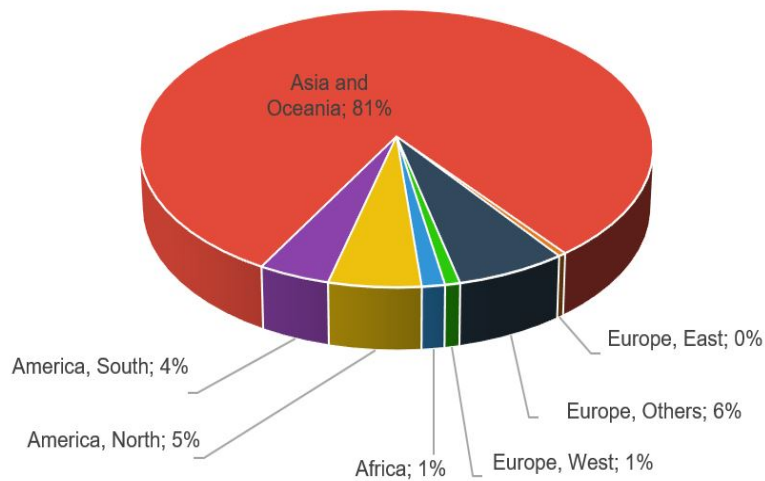
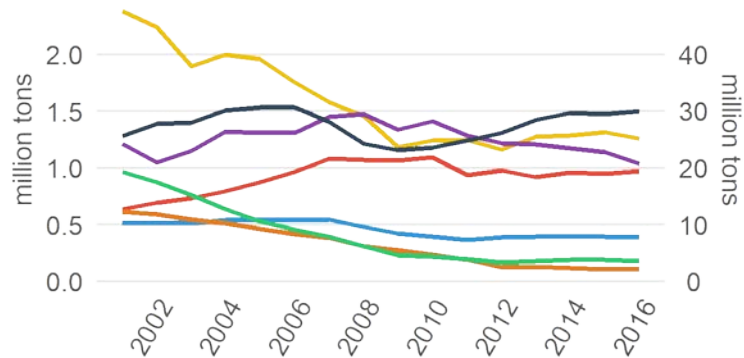


Fig 15: Cotton Consumption
2016 = 24 million tons



— Africa, lhs
 — America, South, lhs
 — Europe, East, lhs
 — Europe, West, lhs
— America, North, lhs
 — Asia and Oceania, rhs
 — Europe, Others, lhs

Raw Materials Consumption

Cellulosic Staple Fibres

Fig 16: Cellulosic Staple Fibres Consumption
2016 = 5 million tons

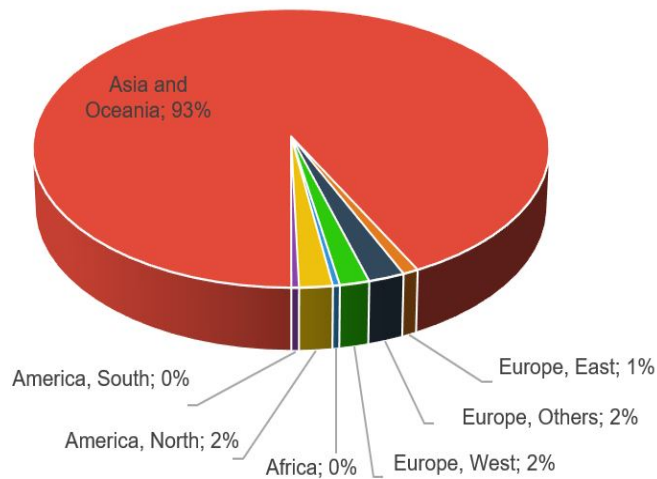
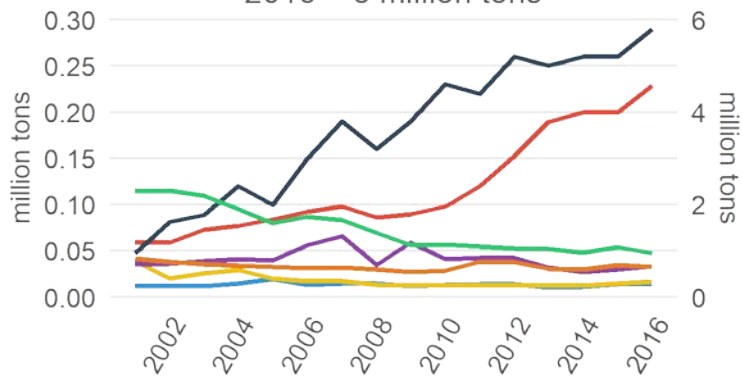


Fig 17: Cellulosic Staple Fibres Consumption
2016 = 5 million tons



— Africa, lhs
 — America, South, lhs
 — Europe, East, lhs
 — Europe, West, lhs
— America, North, lhs
 — Asia and Oceania, rhs
 — Europe, Others, lhs

Raw Materials Consumption

Synthetic Staple Fibres

Fig 18: Synthetic Staple Fibres Consumption
2016 = 12.6 million tons

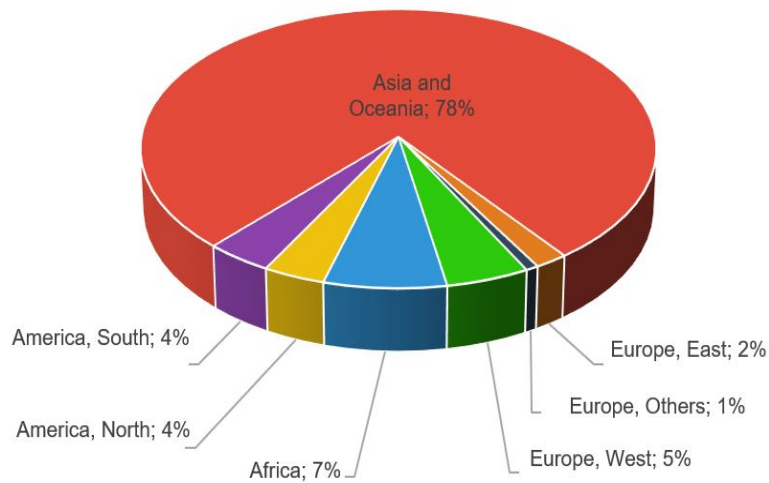
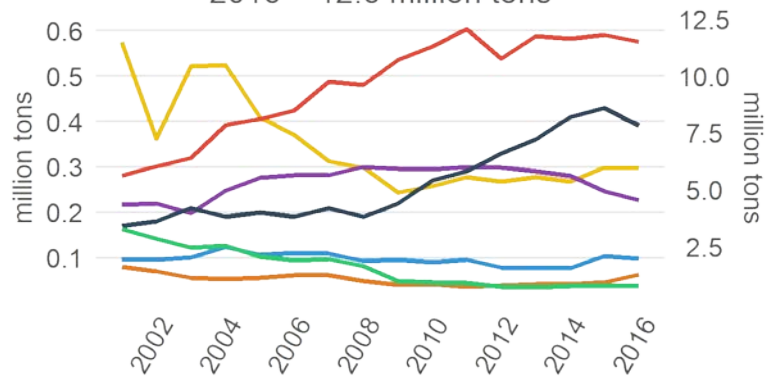


Fig 19: Synthetic Staple Fibres Consumption
2016 = 12.6 million tons



- Africa, lhs
- America, South, lhs
- Europe, East, lhs
- Europe, West, lhs
- America, North, lhs
- Asia and Oceania, rhs
- Europe, Others, lhs

Raw Materials Consumption

2016

Table 3.1 : Summary (Number installed at end of year, per region)

Regions	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres	Total
Africa	14'630	390'000	98'700	503'330
America, North	16'410	1'260'000	296'500	1'572'910
America, South	33'500	1'035'000	226'000	1'294'500
Asia and Oceania	4'582'500	19'429'000	11'496'800	35'508'300
Europe, East	32'300	105'000	63'000	200'300
Europe, Others	290'000	1'500'000	390'000	2'180'000
Europe, West	46'925	181'000	37'600	265'525
World	5'016'265	23'900'000	12'608'600	41'524'865

Raw Materials Consumption

2016

Table 3.2 : Africa (Number installed at end of year, per country)

Partner	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres	Total
Algeria	200	5'000	8'800	14'000
Angola	0	1'000	0	1'000
Benin	0	4'000	0	4'000
Botswana	0	0	100	100
Burkina Faso	0	4'000	0	4'000
Cameroon	0	2'000	0	2'000
Chad	0	1'000	0	1'000
Djibouti	0	0	500	500
Egypt	5'600	110'000	30'000	145'600
Eritrea	0	0	200	200
Ethiopia	130	51'000	1'200	52'330
Ghana	0	1'000	400	1'400
Ivory Coast	0	2'000	0	2'000
Kenya	600	6'000	3'200	9'800
Lesotho	0	18'000	0	18'000
Madagascar	0	7'000	100	7'100
Malawi	0	1'000	0	1'000
Mali	200	3'000	0	3'200
Mauritius	2'400	21'000	2'900	26'300
Morocco	3'400	36'000	24'400	63'800
Mozambique	100	1'000	2'500	3'600
Niger	0	1'000	0	1'000
Nigeria	300	19'000	3'500	22'800
Senegal	0	1'000	0	1'000
South Africa	600	23'000	8'300	31'900
Sudan	0	9'000	0	9'000
Swaziland	0	1'000	0	1'000
Tanzania	0	34'000	1'300	35'300
Togo	0	0	400	400
Tunisia	1'000	13'000	10'000	24'000
Uganda	100	1'000	0	1'100
Zaire	0	8'000	0	8'000
Zambia	0	2'000	0	2'000
Zimbabwe	0	4'000	900	4'900
Africa	14'630	390'000	98'700	503'330

Raw Materials Consumption

2016

Table 3.3 : The Americas (Number installed at end of year, per country)

Partner	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres	Total
Canada	3'100	1'000	2'200	6'300
Costa Rica	0	6'000	600	6'600
Cuba	4'000	3'000	1'300	8'300
Dominican Rep	10	1'000	200	1'210
El Salvador	1'000	27'000	2'000	30'000
Guatemala	0	24'000	0	24'000
Honduras	0	0	200	200
Mexico	6'300	412'000	170'000	588'300
Nicaragua	0	1'000	0	1'000
U.S.A	2'000	785'000	120'000	907'000
America, North	16'410	1'260'000	296'500	1'572'910

Partner	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres	Total
Argentina	3'400	143'000	19'000	165'400
Bolivia	0	4'000	1'300	5'300
Brazil	14'000	720'000	135'000	869'000
Colombia	1'000	55'000	15'000	71'000
Ecuador	9'000	13'000	10'800	32'800
Paraguay	0	7'000	0	7'000
Peru	4'100	82'000	23'700	109'800
Uruguay	1'000	0	1'200	2'200
Venezuela	1'000	11'000	20'000	32'000
America, South	33'500	1'035'000	226'000	1'294'500

The Americas	49'910	2'295'000	522'500	2'867'410
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Raw Materials Consumption

2016

Table 3.4 : Asia and Oceania (Number installed at end of year, per country)

Partner	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres	Total
Afghanistan	0	4'000	0	4'000
Australia	1'500	7'000	0	8'500
Bahrain	0	15'000	1'900	16'900
Bangladesh	81'000	1'250'000	190'000	1'521'000
Cambodia	0	0	600	600
China	3'500'000	6'957'000	7'900'000	18'357'000
Chinese Taipei	41'000	166'000	105'000	312'000
India	250'000	5'300'000	890'000	6'440'000
Indonesia	423'000	773'000	732'000	1'928'000
Iran	26'500	138'000	320'000	484'500
Iraq	0	12'000	500	12'500
Japan	25'000	60'000	26'000	111'000
Jordan	0	0	4'600	4'600
Kazakhstan	0	11'000	0	11'000
Korea, Rep	24'000	280'000	21'500	325'500
Kuwait	0	0	1'300	1'300
Kyrgyzstan	0	1'000	0	1'000
Malaysia	1'900	15'000	44'000	60'900
Myanmar	0	207'000	1'300	208'300
New Zealand	100	0	13'100	13'200
Pakistan	124'000	2'250'000	550'000	2'924'000
Philippines	500	16'000	20'000	36'500
Qatar	0	1'000	700	1'700
Sri Lanka	12'000	2'000	1'800	15'800
Syria	0	64'000	0	64'000
Tadzhikistan	0	9'000	0	9'000
Thailand	24'000	287'000	320'000	631'000
Turkmenistan	0	154'000	0	154'000
United Arab Emirates	0	1'000	10'500	11'500
Uzbekistan	1'000	394'000	12'000	407'000
Vietnam	47'000	1'055'000	330'000	1'432'000
Asia and Oceania	4'582'500	19'429'000	11'496'800	35'508'300

Raw Materials Consumption

2016

Table 3.5 : Europe (Number installed at end of year, per country)

Partner	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres	Total
Austria	8'800	5'000	1'500	15'300
Belgium	3'300	5'000	3'600	11'900
France	27'000	13'000	5'200	45'200
Germany	625	48'000	4'800	53'425
Greece	2'200	19'000	1'100	22'300
Italy	500	48'000	12'000	60'500
Luxembourg	0	0	700	700
Netherlands	0	4'000	0	4'000
Portugal	3'300	31'000	400	34'700
Spain	800	5'000	8'200	14'000
Switzerland	400	3'000	100	3'500
Europe, West	46'925	181'000	37'600	265'525

Partner	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres	Total
Armenia	0	0	300	300
Azerbaijan	0	15'000	800	15'800
Belarus	200	11'000	200	11'400
Bosnia And Herzegovina	2'200	2'000	1'900	6'100
Bulgaria	2'400	5'000	14'100	21'500
Croatia	5'600	0	4'700	10'300
Czech Republic	5'400	3'000	10'000	18'400
Estonia	0	2'000	0	2'000
Hungary	5'200	0	5'700	10'900
Latvia	0	0	100	100
Lithuania	200	1'000	1'000	2'200
Macedonia	0	1'000	0	1'000
Moldova	0	2'000	400	2'400
Poland	1'300	7'000	1'800	10'100
Romania	100	1'000	3'000	4'100
Russia	2'000	52'000	5'000	59'000
Slovakia	200	0	800	1'000
Slovenia	2'500	1'000	3'200	6'700
Ukraine	5'000	2'000	10'000	17'000
Europe, East	32'300	105'000	63'000	200'300

Partner	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres	Total
Turkey	290'000	1'500'000	390'000	2'180'000
Europe, Others	290'000	1'500'000	390'000	2'180'000

Europe	369'225	1'786'000	490'600	2'645'825
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Appendix A : Data Revision

The below times series have been revised.

Country	Air-jet Spindles	Rotors	Short-Staple Spindles	Shuttle-less Looms	Shuttle Looms	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres
Afghanistan				X			X	
Albania			X	X			X	X
Algeria		X	X			X	X	X
Angola		X	X	X			X	
Argentina			X			X	X	X
Armenia			X				X	X
Australia						X	X	X
Austria						X	X	X
Azerbaijan		X	X			X	X	X
Bahrain							X	X
Bangladesh	X					X	X	X
Belarus		X	X			X	X	X
Belgium						X	X	X
Benin		X	X				X	
Bolivia			X				X	X
Bosnia And Herzegovina			X			X	X	X
Botswana						X	X	X
Brazil	X		X			X	X	X
Bulgaria		X	X			X	X	X
Burkina Faso							X	
Cambodia				X		X	X	X
Cameroon		X	X			X	X	
Canada		X	X			X	X	X
Chad		X	X	X			X	
Chile		X	X			X	X	X
China	X	X	X			X	X	X
Chinese Taipei						X	X	X
Colombia		X	X			X	X	X
Costa Rica			X				X	X
Croatia						X	X	X
Cuba			X				X	
Czech Republic		X	X			X	X	X
Denmark				X			X	
Djibouti								X
Dominican Rep.			X			X	X	X
Ecuador						X	X	X

Appendix A : Data Revision

The below times series have been revised.

Country	Air-jet Spindles	Rotors	Short-Staple Spindles	Shuttle-less Looms	Shuttle Looms	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres
Egypt		X	X			X	X	X
El Salvador		X				X	X	X
Eritrea			X	X			X	X
Estonia		X	X			X	X	X
Ethiopia						X	X	X
Finland						X	X	X
France						X	X	X
Georgia		X	X				X	X
Germany		X	X	X	X	X	X	X
Ghana			X	X		X	X	X
Greece		X	X			X	X	X
Guatemala						X	X	X
Honduras							X	X
Hong Kong, China		X	X			X	X	X
Hungary			X			X	X	X
India	X		X			X	X	X
Indonesia	X	X				X	X	X
Iran						X	X	X
Iraq		X	X				X	X
Ireland						X	X	
Israel						X	X	X
Italy	X	X	X			X	X	X
Ivory Coast			X				X	
Japan	X					X	X	X
Jordan							X	X
Kazakhstan		X	X			X	X	X
Kenya			X		X	X	X	X
Korea, Rep.	X					X	X	X
Kuwait				X		X	X	X
Kyrgyzstan		X	X				X	X
Latvia						X	X	X
Lesotho		X	X	X			X	
Lithuania			X			X	X	X
Luxembourg				X			X	X
Macedonia			X	X		X	X	X
Madagascar						X	X	X
Malawi			X	X	X		X	
Malaysia	X		X	X		X	X	X

Appendix A : Data Revision

The below times series have been revised.

Country	Air-jet Spindles	Rotors	Short-Staple Spindles	Shuttle-less Looms	Shuttle Looms	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres
Mali			X			X	X	
Mauritius						X	X	X
Mexico		X	X			X	X	X
Moldova			X				X	X
Morocco			X			X	X	X
Mozambique			X	X		X	X	X
Myanmar			X			X	X	X
Nepal			X	X			X	
Netherlands						X	X	X
New Zealand						X		X
Nicaragua			X				X	
Niger			X			X	X	X
Nigeria							X	
Norway						X	X	X
Pakistan						X	X	X
Paraguay			X				X	X
Peru						X	X	X
Philippines			X			X	X	X
Poland						X	X	X
Portugal		X	X			X	X	X
Qatar				X			X	X
Romania		X	X			X	X	
Russia		X	X			X	X	X
Saudi Arabia			X					
Senegal				X		X	X	X
Singapore	X					X	X	X
Slovakia						X	X	X
Slovenia						X	X	X
South Africa						X	X	X
Spain						X	X	X
Sri Lanka						X	X	X
Sudan			X	X			X	
Swaziland			X					
Sweden						X	X	X
Switzerland						X	X	X
Syria	X					X	X	X
Tadzhikistan		X	X				X	
Tanzania			X				X	

Appendix A : Data Revision

The below times series have been revised.

Country	Air-jet Spindles	Rotors	Short-Staple Spindles	Shuttle-less Looms	Shuttle Looms	Cellulosic Staple Fibres	Raw Cotton	Synthetic Staple Fibres
Thailand						X	X	X
Togo			X	X			X	X
Tunisia						X	X	X
Turkey	X					X	X	X
Turkmenistan		X	X				X	
U.S.A.	X		X			X	X	X
Uganda			X	X		X	X	
Ukraine		X	X			X	X	X
United Arab Emirates			X			X	X	X
United Kingdom		X	X			X	X	X
Uruguay			X			X	X	X
Uzbekistan		X	X			X	X	X
Venezuela			X			X	X	X
Vietnam	X		X			X	X	X
Zaire			X				X	
Zambia			X				X	
Zimbabwe			X				X	X