

Other Statistics

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TABLE NO. 1
TEXTILES AT A GLANCE

Items	Unit	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020 (P)
Cotton / Man-made Fibre Textile Mills	No.	1980	2008	2009	2009	2009
Spinning mills (Non-SSI)	No.	1779	1803	1804	1804	1804
Composite mills (Non-SSI)	No.	201	205	205	205	205
Spinning mills (SSI)	No.	1335	1352	1353	1353	1353
Exclusive weaving mills (Non-SSI)	No.	175	175	175	175	175
Powerloom units	Lakh No.	5.54	5.61	3.86	3.86	3.86
Capacity Installed						
Spindles (SSI + Non-SSI)	Million No.	51.20	52.47	52.49	52.49	52.49
Rotors (SSI + Non-SSI)	Lakh No.	8.60	8.78	8.78	8.78	8.78
Looms (Organised sector)	Lakh No.	0.68	0.68	0.68	0.68	0.68
Powerloom	Lakh No.	25.23	25.75	24.86	24.86	24.86
Handloom	Lakh No.	23.77	23.77	23.77	23.77	23.77
Man-made fibres	Million kg.	1782	1782	1782	1782	1782
Man-made filaments	Million kg.	2232	2239	2239	2239	2239
Worsted spindles (Woollen)	Thousand No.	604	604	604	604	604
Non-worsted spindles (Woollen)	Thousand No.	437	437	437	437	437
Production of Fibres						
Raw cotton*	Million kg.	5746	5865	6200	6200	6200
Man-made fibres	Million kg.	1348	1364	1319	1443	1443
Raw wool	Million kg.	47.20	46.00	46.00	46.00	46.00
Raw silk	Million kg.	28.71	29.66	31.75	32.75	32.75
Production of Yarn						
Cotton yarn	Million kg.	4138	4055	4061	4062	4062
Other spun yarn	Million kg.	1527	1600	1616	1715	1715
Man-made filament yarn	Million kg.	1164	1159	1187	1160	1160
Production of Fabrics						
Cotton	Million sq. mtr.	38440	38837	40057	41973	41973
Blended	Million sq. mtr.	10809	11080	11408	11859	11859
100% Non-cotton (including Khadi, Wool & Silk)	Million sq. mtr.	16256	14504	16314	17148	17148
Total	Million sq. mtr.	65505	64421	67779	70980	70980
Per capita availability of cloth	sq. mtr.	40.50	41.54	44.63	45.83	45.83
Production of Textile Machinery	Million US \$	6580	6650	6900	6865	5355
Textile Exports (including Jute, Coir & Handicraft)	Million US \$	2351	2438	2939	3665	2556
Textile Imports (including Jute, Coir & Handicraft)	Million US \$	10305	10098	10687	10834	9273

Source : As per Statistical Returns received by office of the textile commissioner data 2020-21 as onwards not available

Note : Exports / Imports data. * : Cotton year.

: Third Handloom Census 2009-10. P : Provisional.

TABLE NO. 2

GROWTH OF COTTON / MAN-MADE FIBRE TEXTILE MILLS (NON-SSI)

March End	Number of Mills			Spindles Installed (million)	Rotors Installed (thousand)	Looms Installed (thousand)
	Spinning	Composite	Total			
1997	1438	281	1719	33.15	276	124
1998	1504	278	1782	33.88	313	124
1999	1543	281	1824	34.72	383	123
2000	1565	285	1850	35.10	392	123
2001	1565	281	1846	35.53	394	123
2002	1579	281	1860	35.75	409	123
2003	1599	276	1875	36.10	379	119
2004	1564	223	1787	34.02	383	88
2005	1566	223	1789	34.24	385	86
2006	1570	210	1780	34.14	395	73
2007	1608	200	1808	35.61	448	69
2008	1597	176	1773	35.01	461	56
2009	1653	177	1830	37.03	485	57
2010	1673	180	1853	37.08	494	57
2011	1757	183	1940	42.69	518	52
2012	1761	196	1957	43.31	523	52
2013	1771	198	1969	44.17	546	52
2014	1757	197	1954	44.47	553	51
2015	1776	200	1976	45.08	565	52
2016	1779	201	1980	46.00	581	53
2017	1803	205	2008	47.12	587	53
2018	1804	205	2009	47.14	587	53
2019	1804	205	2009	47.14	587	53
2020(p)	1804	205	2009	47.14	587	53

Source : As per Statistical Returns received by office of the textile commissioner data 2021as onwards not available

Note :

1. Does not include data on exclusive weaving mills (Non-SSI).
2. In December 2003, 33 spinning mills and 57 composite mills in 2005-2006, 10 spinning mills and 17 composite mills in 2006-07, 23 spinning mills and 8 composite mills which had become non-existent were deleted from records resulting in fall capacity.
3. In 2007-08, 86 spinning mills and 26 composite mills which had become non-existent were deleted from records. The 110 mills had a capacity of 2.0 million spindles, 19152 rotors, 13157 looms.

TABLE NO. 3
CAPACITY UTILISATION IN THE MILL SECTOR
(COTTON / MAN-MADE FIBRE TEXTILE MILLS)

Year	Installed Spindles Nos. (in million)	Installed Rotors Nos. (in thousand)	Percentage Utilisation (Cumulative for Spindles & Rotors)	Installed Looms Nos. (in thousand)	Percentage Utilisation
1999-2000	36.67	434	79	123	51
2000-2001	37.08	444	83	123	51
2001-2002	37.91	454	85	123	47
2002-2003	38.33	480	82	123	42
2003-2004	39.03	468	80	119	41
2004-2005	37.03	482	83	88	53
2005-2006	37.47	500	87	86	58
2006-2007	37.51	520	88	73	61
2007-2008	39.50	601	89	69	62
2008-2009	39.07	621	90	56	61
2009-2010	41.34	659	88	56	55
2010-2011	42.04	675	90	57	63
2011-2012	47.57	749	90	52	79
2012-2013	48.25	770	88	52	83
2013-2014	49.17	795	92	52	85
2014-2015	49.46	814	90	51	85
2015-2016	50.16	834	92	52	85
2016-2017	51.20	860	94	53	84
2017-2018	52.47	878	93	53	82
2018-2019	52.49	878	93	53	84
2019-2020(P)	52.49	878	93	53	84

Source : As per Statistical Returns received by office of the textile commissioner data 2020-21 as onwards not available

Note :

- 1) Since 1996-97 onwards install spindles include SSI units.
- 2) Since 1996-97 onwards, percentage utilization regarding spindles include rotors also.
- 3) Since 1997-98 onwards, installed rotors includes SSI units.
- 4) Installed looms pertain to only organised composite mills sector.

P : Provisional.

TABLE NO. 4
INSTALLED CAPACITY OF SPINNING, COMPOSITE, EXCLUSIVE WEAVING UNITS & (EOUs)
 (As on 31/03/2020) (P)

State	Spg.	Comp. Ex. Wvg. & EOUs	No. of Mills	Installed Capacity				Workers
				Spindles	Rotors	Looms	Knitting Machines	
Andhra Pradesh	1	1	2	9000	–	38	0	178
Dadra Nagar Haveli	1	–	1	151200	6016	0	0	460
Gujarat	2	2	4	67512	1680	142		1228
Kerala	1	–	1	24624	0	0	0	337
Madhya Pradesh	1	–	1	16608	0	0	0	358
Maharashtra	4	1	5	213512	504	24	0	1503
Punjab	1	–	1	24064	0	0	0	135
Tamil Nadu	5	–	5	91256	966	0	0	1029
Telangana	–	2	2	0	0	40	0	81
Total	16	6	22	597776	9166	244	22	5309

Source : As per Statistical Returns received by office of the textile commissioner data 31/03/ 2020 as onwards Not Available
 Note : Above 100% EOU units are covered in spinning, composite and 100% EOU (Non SSI) Cotton/man made fibre textile mills at Table 1.

(P) : Provisional.

TABLE NO. 5

PER CAPITA AVAILABILITY OF CLOTH

(sq. mtrs.)

Cloth			
Year	Cotton	Man - made	Total
	(Square Meters)	(Square Meters)	(Square Meters)
2019 - 20	26.82	24.51	51.33
2020 - 21 (P)	23.93	19.27	43.20
2021 - 22 (P)	25.78	22.32	48.10

Source: Based on textile entities registered with office of Textile Commissioner to submit periodical statistical returns

TABLE NO. 6
SELECTED INDICATORS

	2009-10	2010-11	2011-12	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22(P)
	4	5	6	7	8	9	10	11	12	13	14	15
ECONOMIC INDICATORS												
GDP at factor cost : at current prices in Rs. crore												
[New series at 2004-05 prices]	6108903	7248860	8106946	10363153	11504279	12574499	13935917	15505665	17175128	18355109	18057810	21349399
[a - New series 2011-12 Estimates]									(3rd RE)	(2nd RE)	(1st RE)	(PE)
[b - Advance Estimates]												
GDP at factor cost : at constant prices in Rs. crore	4516071	4918533	8106946	9063649	9712133	10491870	11328285	12034171	12733798	13219476	12585074	13605474
									(3rd RE)	(2nd RE)	(1st RE)	(PE)
Per capita Net National Income at factor cost at constant prices in Rs. (2004-2005 series - 195-51 = 100) 2011-12 series - 2011-12 = 100)	36249	39270	63462	68572	72805	77659	83003	87586	92133	94270	85110	91481
a New Series Estimates									(3rd RE)	(2nd RE)	(1rd RE)	(PE)
b. Advance Estimates												
Gross Domestic Capital Formation as percentage of GDP at current market prices [2004-05 series]	36.5	36.5	39.0	33.8	33.5	32.1	32.0	33.9	33.8	30.7	27.3	-
Gross Domestic savings as percentage of GDP at current market prices	33.7	33.7	34.6	32.1	32.2	31.1	30.3	30.5	-	-	-	-
Index of agricultural production [Base : triennium ending 1981-82] ^s for the data given till 2000-01 [Base : triennium ending 2007-08=100]	102.1	109.1	110.0	108.9	111.9	111.6	112.6	112.7	113.5	115.9	119.8	120.2
Index of industrial production [Base : 2004-05 = 100] ^c	152.9	165.5	103.3	106.7	111.0	114.7	120.0	125.3	130.1	-	-	-

Source: Economic Survey 2022-23 P : Provisional.

TABLE NO. 6 (Contd.)
SELECTED INDICATORS

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22(P)
1	2	3	4	5	6	7	8	9	10	11	12	13
Wholesale Price Index average ^c	130.8	143.3	106.9	112.5	113.9	109.7	111.6	114.9	119.8	121.8	123.4	139.4
Consumer Price Index for Industrial workers average i [2001 Base]	170	185	201	239	251	265	276	284	300	322	339	385.9
OUTPUT												
(a) Foodgrains (million tonnes)	218.1	244.5	259.3	265.0	252.0	251.6	275.1	285.0	285.2	297.5	310.7	315.7
(b) Finished Steel ^f (million tonnes)	69.1	75.70	81.68	87.67	92.16	93.72	102.34	104.98	131.57	131.57	131.57	120.0
(c) Cement (million tonnes)	207.1	216.7	230.5	255.63	270.30	274.00	273.00	291.00	329.00	329.00	294.00	381.00(E)
(d) Coal and lignite ^h (million tonnes)	566.1	570.4	582.3 ^g	610.0	657.4	683.0	703.1	722.7	773.0	772.9(P)	-	-
(e) Crude oil (million tonnes)	33.7	37.7	38.1 ^g	37.79	37.46	36.94	36.01	35.68	34.20	32.17	30.49.	29.69
(f) Electricity generated (utilities only) [Billion KWH]	906.0	965.7	1056.8	1175.6	1267.1	1336.0	1407.4	1483.1	1584.9	1623.0	1598	1719.4
Plan outlay (Rs. crore)	992442	1164728	1263216	1510964	1497016	1775056	1912315	2204951	2390215(P)	-	-	-
FOREIGN TRADE												
Exports												
Rs.Crore	845534	1136964	1465959	1905011	1896445	1716378	1849434	1956515	2307726	2219854	2159043	3147021
US \$ million	178751	251136	305964	314405	310338	262291	275852	303526	330078	313361	291808	422004
Imports												
Rs.Crore	1363736	1683467	2345463	2715434	2737087	2490306	2577675	3001033	3594675	3360954	2915958	4572775
US \$ million	288373	369769	489319	450200	448033	381008	384357	465581	514078	474709	394436	613052

Source: Economic Survey 2022-23 P : Provisional.

TABLE NO. 6 (Contd.)
SELECTED INDICATORS

	2009-10	2010-11	2011-12	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13
Foreign exchange reserves ^k [excluding gold, SDRs and Reverse Tranche Position at IMF]												
Rs. crore	1259665	1361013	1506139	1828375	2137647	2378740	2398193	2760849	2855882	3602155	4218953	4598819
US \$ million	279057	304818	294397	304223	341638	360176	369955	424545	412871	—	—	—
Social Indicators												
Population (million) ^l	1177	1186	1121	1251	1267	1283	1299	1315	1366	—	—	—
Birth Rate (per 1000) ^m	22.1	21.8 ^r	975	21.0	21.4	20.8	20.2	20.2	—	—	—	—
Death Rate (per 1000) ^m	7.2	7.1 ^r	7.0	7.0	6.5	6.4	6.3	6.3	—	—	—	—
Life Expectancy at Birth (in Years) ⁿ	n.a	66.1 ^r	66.5	67.5	66.9	68.3	68.7	69.0	—	—	—	—
(a) Male	n.a	64.6 ^r	64.9	65.8	70.0	70.2	67.4	67.8	—	—	—	—
(b) Female	n.a	67.7 ^r	68.2	69.3	66.9	66.9	70.2	70.4	—	—	—	—
Education : Literacy Rate (%)^o	n.a	73.0	n.a	n.a	96.9(P)	—	—	—	—	—	—	—
(a) Male	n.a	82.14	n.a	n.a	94.8	—	—	—	—	—	—	—
(b) Female	n.a	65.46	n.a	n.a	n.a	99.2	—	—	—	—	—	—
Health & Family Welfare												
Registered Medical Practitioner (RMP) (Allopathy) (Thousand) on 31st December	827.3	860.6	883.8	n.a.	936.5	—	—	—	—	—	—	—
RMO per 10,000 population	7.2	7.6	n.a	n.a.	19	—	—	—	—	—	—	—
Beds (All Types) ^p	n.a	n.a	n.a	n.a.	12	—	—	—	—	—	—	—

Source: Economic Survey 2022-23

P : Provisional.

N.A. : Not Available

R.E. : Revised Estimates.

TABLE NO. 6 (Contd.)

SELECTED INDICATORS

- a New Series 2011-12 Estimates.
- b Advance Estimates.
- a, b New Series Estimates, Advance Estimates.
- c The Index of Industrial Production has been revised since 2005-06 on base (2004-05 = 100). The figures for the year 2012-13 onwards are on the new base. (2011-12=100)
- d Relates to the calendar year 1950.
- e The figures from 2008-09 are based on current series 2004-05=100 and earlier data are based on old base years.
- f The figures from 2008-09 are based on current series 2001=100 and earlier data are based on old base years.
- g 4th advance estimates.
- h Includes main producers, majors and others.
- l Provisional.
- j Coal output includes Meghalaya Coal from 2005-06 onwards.
- k Relates to 1951-52.
- l Revised Estimates only.
- m As on end-March.
- n Relate to mid-financial year (as on October 1) based on population figures of C.S.O.
- o For calendar year. Figure shown against 1990-91 is for calendar year 1991 and so on. Source : Office of R.G.I.
- p Data for 1950-51, 1960-61, 1970-71 and 1980-81 relate to the decades 1941-50, 1951-60, 1961-70 and 1971-80 respectively, centered at mid points of the decade, i.e., 1946, 1956, 1966 and 1976. The estimates for 1990-91 and 1991-92 refer to the periods 1988-92 and 1989-93 respectively. The estimates for 2005-06 refers to the period 2001-05. The estimates for 2006-07 refers to the period 2002-06.
- q Data for 1950-51, 1960-61, 1970-71, 1980-81, 1990-91 and 2000-01 are as per Census of India 1951, 1961, 1971, 1981, 1991 and 2001. The figures for 1951, 1961 and 1971 relate to population aged 5 years and above and those for 1981, 1991 and 2001 to population aged 7 years and above. All India literacy rates exclude Assam for 1981 and J&K for 1991. For 2005-06, data is based on National Family Health Survey (2005-06) (+6 years). NSS 2009-10 & 2011-12 round (MMRP-modified mixed ref. period).
- r Includes beds in hospitals, dispensaries, P.H.Cs, clinics, sanatoriums, etc.
- s Base; triennium ending 2007-08=100.
- t Abridged Life Table as per Census 2001 & 2011.
- u Sample Registration Survey (SRS), Abridge Life Tables, Office of Registrar General of India (RGI).

TABLE NO. 7

CONVERSION OF DEFERENT TEXTILE COUNT SYSTEMS

Convert	Into	Multiply by
Denier	Tex	0.1111
Denier	Decitex	1.11
Cotton	Tex	1.48
Cotton	Decitex	14.80
Cotton	French	0.8467
Cotton	Metric	1.694
Cotton	Worsted	1.50
Cotton	Woollen	3.28
French	Cotton	1.810
Metric	Cotton	0.59
Metric	Worsted	0.8859
Metric	Woollen	1.9377
Worsted	Cotton	0.667
Worsted	Metric	1.1289
Worsted	Woollen	2.1875
Woollen	Worsted	0.4571
Woollen	Metric	0.5161
Convert	Into	Divide the factor by Denier / Count
Denier	Cotton	5315
Denier	Metric	9000
Denier	Worsted	7972
Cotton	Tex	590.5
Metric	Tex	1000
Worsted	Tex	885.8
Woollen	Tex	1938

TABLE NO. 8

CONVERSION RATIOS FOR ESTIMATING FABRIC
PRODUCTION BY DECENTRALISED SECTORS

Type of Yarn	Square Metre Per Kg.	
	Powerloom	Handloom
Cotton Yarn	9.65	6.08
Blended Yarn	7.97	6.33
100% Non-cotton Yarn	10.65	6.33
Viscose Filament Yarn	13.00	13.00
Nylon Filament Yarn	31.00	31.00
Polyester Filament Yarn	14.00	14.00

Cotton

TABLE NO. 9

COTTON BALANCE SHEET FOR SIX YEARS 2018-19 TO 2023-2024

(In lakh bales of 170 kg. each)

Particulars	Cotton Year (October - September)						2023-24 (P)*
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24 (P)*	
SUPPLY							
1. Opening Stock	42.91	56.52	120.79	71.84	39.48	61.16	
2. Crop	330.00	365.00	360.00	311.17	336.60	325.22	
3. Import	35.37	15.50	11.00	21.13	14.60	12.00	
Total Supply	411.28	437.02	491.79	404.14	390.68	398.38	
DEMAND							
1. Mill Consumption	270.78	233.70	266.00	284.93	197.80	204.00	
2. Small Spinners Consumption (SSI)	22.43	20.49	22.00	21.48	99.83	103.00	
3. Non Textile Consumption	18.00	15.00	15.00	16.00	16.00	16.00	
4. Exports	43.55	47.04	70.00	42.25	15.89	28.00	
Total Demand	354.76	316.23	373.00	364.66	329.52	351.00	
Closing Stock	56.52	120.79	118.79	39.48	61.16	47.38	

(P) : Provisional. As estimated by CAB in the last meeting held on 24.06.2024

SOURCE : TXC - LEFT SIDE - COTTON BLANCE SHEET

TABLE NO. 10
AREA, PRODUCTION, CONSUMPTION, IMPORT AND EXPORT OF COTTON

(Lakh bales of 170 kg. each)

Cotton Year	Area (lakh hectares)	Production (lakh bales)		Yield	Cotton Consumption	Import	Export
		As per DOCD	As per CAB				
1997-98 (Oct. to Sept.)	89.04	113.88	158.00		159.01	4.13	3.50
1998-99 (Oct. to Sept.)	92.87	121.77	165.00		165.36	7.87	1.01
1999-00 (Oct. to Sept.)	87.31	116.16	156.00		173.36	22.01	0.65
2000-01 (Oct. to Sept.)	85.76	114.48	140.00	277.52	173.03	22.13	0.60
2001-02 (Oct. to Sept.)	87.30	101.26	158.00	307.67	171.76	25.26	0.50
2002-03 (Oct. to Sept.)	76.67	92.57	136.00	301.55	168.83	17.67	0.84
2003-04 (Oct. to Sept.)	76.30	137.88	179.00	398.82	177.10	7.21	12.11
2004-05 (Oct. to Sept.)	87.86	170.02	243.00	470.18	195.03	12.17	9.14
2005-06 (Oct. to Sept.)	86.77	189.27	241.00	472.17	219.00	5.00	47.00
2006-07 (Oct. to Sept.)	91.44	240.40	280.00	520.56	232.03	5.53	58.00
2007-08 (Oct. to Sept.)	94.14	243.14	307.00	554.39	236.88	6.38	88.50
2008-09 (Oct. to Sept.)	94.06	258.25	290.00	524.13	229.00	10.00	35.00
2009-10	103.10	239.35	305.00	502.91	259.00	6.00	83.00
2010-11	112.35	328.48	339.10	513.10	259.61	2.38	76.50
2011-12	121.78	-	367.00	512.32	250.71	7.51	129.57
2012-13 (P) (as on 01-11-2013)	119.78	-	370.00	525.13	283.16	14.59	101.43
2013-14	119.60	-	398.00	565.72	299.55	11.51	116.96
2014-15 (as on 31-03-2015)	128.46	-	386.00	510.82	309.44	14.39	57.72
2015-16	122.92	-	332.00	459.16	315.28	22.79	69.07
2016-17	108.26	-	345.00	541.75	310.41	26.00	60.00
2017-18	125.86	-	370.00	499.76	319.06	15.80	67.59
2018-19	126.14	-	333.00	443.20	315.50	31.00	44.00
2019-20	133.73	-	365.00	464.00	331.00	15.50	47.04
2020-21	132.85	-	352.48	451.05	373.00	11.03	77.59
2021-22	123.71	-	311.17	427.60	359.00	21.13	42.25
2022-23	129.27	-	336.60	442.65	359.00	14.60	15.89
2023-24(P)	126.80	-	325.22	436.02	359.00	12.00	28.00

source : txcindia.gov.in

Note : 1. The opening and closing stock are based on verified figure.
2. CAB : Cotton Advisory Board (20.09.2022).

2. DOCD : Directorate of Cotton Development, Ministry of Agriculture.
(P) : Provisional.

TABLE NO. 11

MAJOR STATE-WISE AREA, PRODUCTION AND YIELD OF COTTON IN INDIA

(Area : lakh hectares) (Production : lakh bales of 170 kg. each) (Yield : Kg/hectare)

Name of the state	2021-22						2022-23						2023-24(P)*						
	Area		Production		Yield		Area		Production		Yield		Area		Production		Yield		
			Pressed bales	Loose Cotton	Total			Pressed bales	Loose Cotton	Total			Pressed bales	Loose Cotton	Total			Pressed bales	Loose Cotton
Punjab	2.51		6.26	0.20	6.46	437.53	2.49	4.24	0.20	4.44	303.13	2.14	6.09	0.20	6.29	499.67			
Haryana	6.36		12.68	0.48	13.16	351.76	5.75	9.53	0.48	10.01	295.95	5.78	14.61	0.48	15.09	443.82			
Rajasthan	7.56		24.15	0.66	24.81	557.90	8.15	27.08	0.66	27.74	578.63	10.04	25.56	0.66	26.22	443.96			
NORTHERN ZONE	16.43		43.09	1.34	44.43	459.71	16.39	40.85	1.34	42.19	437.60	17.96	46.26	1.34	47.60	450.56			
Gujarat	22.84		73.10	1.99	75.09	558.90	24.84	85.96	1.99	87.95	601.91	26.83	88.61	1.99	90.60	574.06			
Maharashtra	44.10		81.03	1.46	82.49	317.99	41.82	81.70	1.46	83.16	338.05	42.34	78.99	1.46	80.45	323.02			
Madhya Pradesh	5.60		13.70	0.50	14.20	431.07	5.95	13.83	0.50	14.33	409.43	6.30	17.51	0.50	18.01	485.98			
CENTRAL ZONE	72.54		167.83	3.95	171.78	402.57	72.61	181.49	3.95	185.44	434.17	75.47	185.11	3.95	189.06	425.87			
Telangana	18.89		47.87	0.91	48.78	438.99	19.73	56.54	0.91	57.45	495.01	18.18	49.89	0.91	50.80	475.03			
Andhra Pradesh	5.54		16.78	0.30	17.08	524.12	7.04	15.11	0.30	15.41	372.12	4.22	6.95	0.30	7.25	292.06			
Karnataka	6.74		19.00	0.55	19.55	493.10	9.49	25.13	0.55	25.68	460.02	7.39	19.92	0.55	20.47	470.89			
Tamilnadu	1.48		2.88	0.14	3.02	346.89	1.73	3.05	0.14	3.19	313.47	1.30	2.64	0.14	2.78	363.54			
SOUTHERN ZONE	32.65		86.53	1.90	88.43	460.43	37.99	99.83	1.90	101.73	455.23	31.09	79.40	1.90	81.30	444.55			
Orissa	1.93		6.18	0.08	6.26	551.40	2.16	6.97	0.08	7.05	554.86	2.16	6.97	0.08	7.05	554.86			
Others	0.16		0.27	0.00	0.27	286.88	0.12	0.19	0.00	0.19	269.17	0.12	0.21	0.00	0.21	297.50			
TOTAL	123.71		303.90	7.27	311.17	427.60	129.27	329.33	7.27	336.60	442.65	126.80	317.95	7.27	325.22	436.02			

P : Provisional .

* : As Estimated by CAB in its meeting held on 24.06.2024

Source : txcindia.gov.in

TABLE NO.12

IIP data on 7 items base year 2011-12 (draft)

Sr No	Item	Unit of Production	Total Number of units reporting monthly production	Dec 2023 (Quick Estimate)		
				Number of responding units	Production of responding units	
1	131-Cotton Yarn incl. hosiery yarn (grey, unbleached, bleached, dyed or otherwise processed)	Million Kg	1403	471	192.78	
2	131-Polyester Spun Yarn	Million Kg	206	74	22.91	
3	131-Rayon/Viscose Blended Spun Yarn	Million Kg	111	58	17.53	
4	131-Other Blended Spun Yarn	Million Kg	432	179	47.86	
5	131-Acrylic Yarn	Million Kg	35	29	3.55	
6	131-Texturised ManMade filament Yarn	Million Kg	40	15	98.02	
7	203-Man-made artificial fibres	Million Kg	21	10	103.14	
			Total Number of units reporting monthly production		Nov. 2023 (First Revised Estimate)	
Sr No	Item	Unit of Production	Total Number of units reporting monthly production	Number of responding units	Production of responding units	Total Production
1	131-Cotton Yarn incl. hosiery yarn (grey, unbleached, bleached, dyed or otherwise processed)	Million Kg	1403	500	178.11	299.87
2	131-Polyester Spun Yarn	Million Kg	206	77	20.96	34.73
3	131-Rayon/Viscose Blended Spun Yarn	Million Kg	111	61	15.19	20.95
4	131-Other Blended Spun Yarn	Million Kg	432	187	43.34	62.23
5	131-Acrylic Yarn	Million Kg	35	30	3.14	3.28
6	131-Texturised ManMade filament Yarn	Million Kg	40	18	93.38	146.62
7	203-Man-made artificial fibres	Million Kg	21	11	106.59	165.55
			Total Number of units reporting monthly production		Sept 2023 (Final Estimate)	
Sr No	Item	Unit of Production	Total Number of units reporting monthly production	Number of responding units	Production of responding units	Total Production
1	131-Cotton Yarn incl. hosiery yarn (grey, unbleached, bleached, dyed or otherwise processed)	Million Kg	1403	532	202.38	314.64
2	131-Polyester Spun Yarn	Million Kg	206	83	27.47	41.15
3	131-Rayon/Viscose Blended Spun Yarn	Million Kg	111	63	17.51	23.34
4	131-Other Blended Spun Yarn	Million Kg	432	198	48.43	65.48
5	131-Acrylic Yarn	Million Kg	35	30	3.52	3.67
6	131-Texturised ManMade filament Yarn	Million Kg	40	18	77.04	130.28
7	203-Man-made artificial fibres	Million Kg	21	12	115.36	164.83

Source: Based on textile entities registered with office of Textile Commissioner to submit periodical statistical returns

Wool

TABLE NO. 13

INSTALLED CAPACITY IN THE WOOLLEN INDUSTRY

Year	Worsted Spindles (Lakh)	Non-Worsted Spindles (Lakh)	Power Looms (No.)
31-03-1995	5.18	3.17	7065
31-03-1996	5.18	3.17	7065
31-03-1997	5.59	3.91	7079
31-03-1998	5.63	3.97	7107
31-03-1999	5.75	4.12	7228
31-03-2000	5.85	4.19	7228
31-03-2001	5.98	4.26	7228
31-03-2002	5.98	4.26	7228
31-03-2003	6.04	4.37	7228
31-03-2004	6.04	4.37	7228
31-03-2005	6.04	4.37	7228
31-03-2006	6.04	4.37	7228
31-03-2007	6.04	4.37	7228
31-03-2008	6.04	4.37	7228
31-03-2009	6.04	4.37	7228
31-03-2010	6.04	4.37	7228
31-03-2011	6.04	4.37	7228
31-03-2012	6.04	4.37	7228
31-03-2013	6.04	4.37	7228
31-03-2014	6.04	4.37	7228
31-03-2015	6.04	4.37	7228
31-03-2016	6.04	4.37	7228
31-03-2017	6.04	4.37	7228
31-03-2018	6.04	4.37	7228
31-03-2019	6.04	4.37	7228
31-03-2020	6.04	4.37	7228
31-03-2021	6.04	4.37	7228
31-03-2022	6.04	4.37	7228
31-03-2023 (P)	6.04	4.37	7228

Source:-As per Statistical Returns received by office of the textile commissioner data . (P) : Provisional.

TABLE NO. 14

**PRODUCTION OF RAW WOOL AND
IMPORTS OF RAW WOOL AND RAGS**

(Million kg.)

Year	Production of Indigenous Wool	Imports	
		Raw Wool	Woollen & Cotton Rags etc
2012-2013	46.05	77.17	186.38
2013-2014	47.90	89.60	187.53
2014-2015	48.14	96.53	222.86
2015-2016	43.60	97.84	267.20
2016-2017	43.50	87.15	242.56
2017-2018	41.46	79.95	286.11
2018-2019	34.98	77.43	421.44
2019-2020	N/A	69.21	486.99
2020-2021	N/A	81.62	415.00
2021-2022	N/A	107.84	533.44
2022-2023	N/A	80.86	610.55

Source : Exports, Imports-Monthly Statistics of the Foreign Trade of India, DGCIS, Kolkata.

TABLE NO. 14A

Export of Wollen Items 2016-17 to 2021-22

Year	Woollen Yarn, Fabrics , Made Upds ect.	Readymade Garments	Carpet (Excluding Silk)Handmade	Total
2016-17	1180.24	1443.26	9956.63	12580.13
2017-18	1197.86	1089.97	9196.99	11484.82
2018-19	1543.25	1378.32	10262.79	13184.36
2019-20	1282.36.	1096.18	9581.38	11959.92
2020-21	803.38	796.52	10846.06	12445.96
2021-22	994.37	924.92	10958.23	12877.52

Source : Exports, Imports-Monthly Statistics of the Foreign Trade of India, DGCIS, Kolkata.

TABLE NO. 15**Export of Woollen product during 2021-22 to 2022-23(Upto September,2022)**

Products	2021-2022 (Upto September,2021)	2022-2023 (Upto September,2022)
	Rs.In.Cr.	Rs.In.Cr.
Readymade Garments	581.35	722.72
Woollen Yarn, Fabrics , Made Upds ect.	557.35	769.78
Carpet (Excluding Silk)Handmade	6342.95	5378.64
Total	7481.65	6871.14
Increase / Decrease	8.16%	

Source:- DGCI & S, Kolkata

TABLE NO. 16**Wool Sector Scheme: Integrated Wool Development Programme 2021-22 to 2025-26**

(Rs.in Crore)

No.	Components	Budget allocation
I	Wool Marketing Scheme(WMS)	12.42
II	Wool Processing Scheme(WPS)	31.30
III	HRD and Promotional Activities	18.48
IV	Social Security Scheme(SS)	29.25
V	Angora Wool Development Scheme(AWDS)	91.45
VI	Wool Development Scheme(WDS)	1.83
VII	Reconstruction Plan For J&K State(WMS)	93.28
VIII	Establishment ExpensesCWDB)	20.00
	Total allocation for 3Years (2021-22 to 2025-26)	125.99Cr

Source : "Wool Statistics" Central Wool Development Board, Jodhpur.

Silk

TABLE NO. 17
PRODUCTION OF RAW SILK IN INDIA

(Unit : Metric Tonnes)

Year	Mulberry	Tassar	Eri	Muga	Total
1993-94	12550	299	766	76	13691
1994-95	13450	257	798	74	14579
1995-96	12884	194	745	86	13909
1996-97	12954	235	864	73	14126
1997-98	14048	312	814	62	15236
1998-99	14260	242	970	72	15544
1999-00	13944	211	974	85	15214
2000-01	14432	237	1089	99	15857
2001-02	15842	249	1160	100	17351
2002-03	14617	284	1316	102	16319
2003-04	13970	315	1352	105	15742
2004-05	14620	322	1448	110	16500
2005-06	15445	308	1442	110	17305
2006-07	16525	350	1485	115	18475
2007-08	16245	428	1530	117	18320
2008-09	15610	603	2038	119	18370
2009-10	16322	803	2460	105	19690
2010-11	16360	1166	2760	124	20410
2011-12	18272	1590	3072	126	23060
2012-13	18715	1729	3116	119	23679
2013-14	19476	2619	4237	148	26480
2014-15	21390	2434	4726	158	28708
2015-16	20478	2819	5060	166	28523
2016-17	21273	3268	5637	170	30348
2017-18	22066	2988	6661	192	31906
2018-19	25344	2981	6910	233	35468
2019-20	25239	3136	7024	241	35820
2020-21	23896	2689	6946	239	33770
2021-22	25818	1466	7364	255	34903
2022-23	27654	1318	7369	261	36582
2023-24(P)	29892	1586	7183	252	38913

Source : Central Silk Board.

P : Provisional.

TABLE NO. 18
PRODUCTION OF MULBERRY SILK IN INDIA

Year	Area Under Mulberry ('000 hectare)	Production of			Renditta (tonne)
		Reeling Cocoons ('000 tonne)	Raw Silk (tonne)	Silk Waste (tonne)	
1993-94	319	117	12550	4518	9.30
1994-95	283	123	13450	4501	9.10
1995-96	286	116	12884	4022	9.00
1996-97	281	116	12954	4000	9.00
1997-98	282	127	14048	4250	9.08
1998-99	270	127	14260	4250	8.88
1999-00	227	125	13994	4153	8.96
2000-01	216	125	15214	4237	8.66
2001-02	232	140	15857	4655	8.81
2002-03	194	128	17351	4514	8.79
2003-04	185	117	16319	3764	8.40
2004-05	172	120	15742	3587	8.21
2005-06	179	126	16500	3749	8.17
2006-07	192	135	17305	4055	8.20
2007-08	185	132	16245	3416	8.12
2008-09	178	125	15610	3746	8.00
2009-10	184	132	16322	4080	8.07
2010-11	170	131	16360	4090	7.99
2011-12	181	140	18272	4580	7.66
2012-13	186	144	18715	4690	7.70
2013-14	203	143	19476	4869	7.40
2014-15	220	159	21390	5071	7.65
2015-16	209	152	20478	5281	7.91
2016-17	217	156	21273	5374	7.30
2017-18	224	162	22066	5637	7.40
2018-19	235	186	25344	5637	7.40
2019-20	240	185	25239	5637	7.40
2020-21	238	169	23896	5637	7.40
2021-22	242	187	25818	5637	7.40
2022-23	253	200	27654	5637	7.40
2023-24(P)	263	216	29892	5637	7.40

Source : Central Silk Board.

P : Provisional.

TABLE NO. 19
THE INDIAN SILK EXPORT PROMOTION COUNCIL

(Value in US Million Dollars)

Commodity	2018-19	2019-20	2020-21	2021-22	2022-23
Raw Silk	0.28	0.16	0.20	1.52	0.22
Natural Silk Yarn Fabrics = Made -ups	57.78	58.30	55.89	79.42	71.97
Silk Readymade Garment	170.82	119.12	91.96	62.12	95.62
Silk Wast	18.61	13.87	20.34	28.04	22.29
Silk Carpet	16.13	20.29	23.60	36.15	50.24
Handloom products of Silk	34.45	63.80	73.78	53.83	36.50
Total	298.07	275.54	265.77	216.08	276.84

Source : Central Silk Board.

TABLE NO. 20
STATE WISE RAW SILK PRODUCTION DURING 2020-21 to 2022-23
(IN MT)

#	State	2020-21		2021-22		2022-23(P)	
		Target	Achmnt.	Target	Achmnt.	Target	Achmnt.
1	Karnataka	12600	11292	12500	11191	12750	11823
2	Andhra pradesh	8208	8422	9305	8835	9530	9312
3	Telangana	310	309	337	404	362	462
4	Tamil Nadu	2300	1834	2400	2373	2600	2589
5	Kerala	17	7	10	9	13	11
6	Maharashtra	475	428	560	523	620	620
7	Uttar pradesh	354	316	395	354	430	373
8	Madhya Pradesh	80	47	74	30	85	22
9	Chhattisgarh	353	300	561	224	562	223
10	West Bengal	2520	872	1630	1632	1776	1966
11	Bihar	58	64	96	46	105	48
12	Jharkand	2904	2185	2902	1046	2902	874
13	Odisha	160	102	185	108	190	130
14	Jammu & Kashmir	142	80	150	98	150	100
15	Himachal Pradesh	45	20	40	28	40	31
16	Uttarakhand	25	25	42	42	46	41
17	Haryana	1	1	1	1	2	0.3
18	Punjab	4.5	1	2	4	7	4
19	Assam	5519	5462	5855	5700	6063	5721
20	Ar. Pradesh	67	43	59	53	60	61
21	Manipur	542	327	530	502	557	454
22	Meghalaya	1245	1213	1367	1234	1372	1168
23	Mizoram	113	43	59	59	95	84
24	Nagaland	649	264	311	315	341	350
25	Sikkim	2	0.08	5	0.03	2	0.4
26	Tripura	125	112	125	113	140	115
	Total	39000	33770	39500	34923	40800	36582

Source : Central Silk Board.

P : Provisional.

TABLE NO. 21

PERFORMANCE OF SERICULTURE SECTOR 2020-21 to 2022-23

Particulars	2020-21	2021-22		2022-23	
	Achmnt.	Achmnt.	Target	Achmnt.	Achmnt.
Mulberry Plantation(Lakh)ha	2.38	2.42	2.60	2.53	
Raw Silk Production(MT)					
Mulberry (Bivoltine)	6783	7941	9250	8904	
Mulberry (Cross breed)	17113	17877	19510	18750	
Sub Total (Mulberry)	23896	25818	28760	27654	
Vanya					
Tasar	2689	1466	3850	1318	
Eri	6946	7364	7900	7349	
Muga	239	255	290	261	
Sub Total (Vanya)	9874	9085	12040	8928	
GRAND TOTAL	33770	34903	40800	36582	

Source:- Compiled at CSB From the data received from DOSs.

TABLE NO. 22**PROJECTED RAW SILK PRODUCTION 2016-17 TO 2029-30**

Year	Mulberry		Vanya				Grand
	Bivoltine	Total Muberry.	Tasar	Eri.	Muga	Total Vanya.	
2016-17	5266	21273	3268	5637	170	9075	30348
2017-18	5874	22066	2988	6661	192	9840	31906
2018-19	6987	25345	2981	6910	233	10124	35468
2019-20	8500	27365	3515	7370	280	11165	38530
2020-21	10000	28900	4150	8000	300	12450	41350
2021-22	12000	31500	4460	8700	340	13500	45000
2022-23	12850	32850	4650	9000	350	14000	46850
2023-24	13800	34300	4840	9300	360	14500	48800
2024-25	14800	35800	5015	9615	370	15000	50800
2025-26	15800	37350	5200	9970	380	15550	52900
2026-27	17000	38800	5400	10400	400	16200	55000
2027-28	18000	39950	5600	10725	425	16750	56700
2028-29	19000	41100	5800	11050	450	17300	58400
2029-30	20000	42200	6000	11330	470	17800	60000

Source : Central Silk Board. (P) : Provisional.

Jute

TABLE NO. 23
PRODUCTION OF JUTE GOODS

QTY: IN 000' M.T.

APRIL- MARCH	HESSIAN	SACKING	CBC	OTHERS	TOTAL
2013-14	202.5	1150.4	3.3	171.5	1527.7
2014-15	211.3	901.8	3	151.2	1267.3
2015-16	196.5	891.9	0	128.9	1217.3
2016-17	178.6	871.6	0	92.3	1142.5
2017-18	173.3	902.7	1.9	100.2	1178.1
2018-19	147.6	912.3	2.0	99.5	1161.2
2019-20	127.5	923.5	0.9	113.2	1165.1
2020-21	118.4	739.2	1.1	104.1	962.7
2021-22	119.4	865.1	1.7	93.8	1080.0
2022-23	117.6	1041.0	0.8	87.20	1246.6
2023-24	103.7	1071.8	0.0	81.05	1257.0

Source :IJMA, Jute & Gunny Statistics, October 2024.

TABLE NO. 24
Level of Reservation Recommended by Govt. 2022-23

Period April-March	Foodgrains	Sugar
2009-2010	90%	20%
2010-2011	90%	20%
2011-2012	90%	20%
2012-2013	90%	20%
2013-2014	90%	20%
2014-2015	90%	20%
2015-2016	90%	20%
2016-2017	90%	20%
2017-2018	90%	20%
2018-2019	90%	20%
2019-2020	100%	20%
2020-2021	100%	20%
2021-2022	100%	20%
2022-2023*	100%	20%

Note : * The Order has been extended up to 31st March 2023

TABLE NO. 25

JUTE BALANCE SHEET FROM 2017-18 to 2022-23

(Quantity : in Lakh bales of 180 Kg.of each bale)

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23*
A) SUPPLY						
i) Opening stock	22	22.4	18.4	18	5	19
ii) Jute and Mest crop	76	72	68	60	90	95
Import	3.4	3	4	2	4	3
Total :	101.4	97.4	90.4	80	99	117
(B) DISTRIBUTION						
iv) Mill Consumption	69	69	54	62	66	70
V) Domestic / Industrial consumption	10	10	10	8	12	12
vi) Export	0	0	0	5	2	2
Total :	79	79	64	75	80	84
C) CLOSING STOCK:	22.4	18.4	26.4	5	19	33

Source: Jute Advisory Board & from 2020-21 onwards : Expert Committee on Jute

TABLE NO. 26

MINIMUM SUPPORT PRICE (MSP) FOR RAW JUTE AND MESTA

(Quantity in thousand bales)

Year (July- June)	Production	Procurement			Proc. as percentage Production
		Support	Comml.	Total	
2019-20	6800	81.1	0	81.1	1.2
2020 -21	6000	3.9	0	3.9	0.06
2021 -22	9000	0.3	6.9	7.2	0.08
2022-23	9500*	139.0	76	215.0	2.26

Note : * Estimated by Expert Committee on Jute. Production figures prior to 2020-21 have been estimated by Jute Advisory Board

TABLE NO. 27
DOMESTIC CONSUMPTION OF JUTE GOODS 2014-15 TO 2022-23

QTY: IN 000' M.T.

APRIL- MARCH	HESSIAN	SACKING	CBC	OTHERS	TOTAL
2014-15	171.7	873.2	0.1	111.4	1156.3
2015-16	164.2	890.2	0	90.2	1144.6
2016-17	140.9	855.9	0	78.9	1075.7
2017-18	141.9	894.2	0.9	76.5	1112.6
2018-19	130.5	900	1.2	81.4	1113.2
2019-20	113.8	907.9	0.5	94.7	1116.7
2020-21	96.0	736.4	1.0	82.9	916.3
2021-22	93.1	834.5	0.4	72.3	1000.3
2022-23	89.10	1013.00	0.1	68.20	1170.60

Source : Indian Jute : Jute Manufacturers' Development Council, Kolkata.

TABLE NO. 27 A
EXPORT PERFORMANCE

(Qty :000 M.T.,Value: Rs Crores)

Type	2017-18		2018-19		2019-20		2020-21		2021-22	
	Qty	Value								
Hessian	86.8	917.24	64.1	802.69	56.3	758.42	56.4	805.72	90.6	1112.9
Sacking	44.8	407.2	37.1	432.91	38.9	489.49	31	438.48	51.5	640.58
Yarn	17	130.2	13.6	109.42	14.1	117.91	11.6	131.54	10.5	144.45
JDPS	0	631.5	0	815.51	0	963.44	0	1260.79	0	1743.95
Other	42	72.43	6.9	112.74	4.4	94.58	3.8	103.93	9	143.98
Total	152.8	2158.57	121.7	2273.27	113.7	2423.84	102.8	2740.46	161.6	3785.86

Source: DGCI&S

TABLE NO. 27 B
IMPORT OF RAW JUTE AND JUTE GOODS

(Qty :000 M.T.,Value: Rs Crores)

Year	Raw Jute		Jute Good		Total Import	
	Qty	Value	Qty	Value	Qty	Value
2017-18	68.2	289.16	115.4	880.29	183.6	1169.45
2018-19	57.3	235.93	129	951.92	186.3	1187.85
2019-20	77.2	350.39	162.6	1362.77	239.8	1713.16
2020-21	28.9	179.28	111.2	1116.84	140.1	1296.12
2021-22	62.5	449.41	127.6	1392.65	190.1	1842.06

Source: DGCI&S

Technical Textiles

TABLE NO. 28
Product Category Wise Exports Performance of Technical Textile

product category	UOM	Volume In Mn.Qty.		% Growth	Volume In US\$.Mn.		% Growth
		Apr21 - Mar 22	Apr 22-Mar 23		Apr 21- Mar 22	Apr 22- Mar 23	
Technical Fibre	Kgs	0.35	0.19	-44%	0.59	0.46	-22%
Technical Yarn	Kgs	31.78	47.70	50%	70.08	92.73	32%
Technical Fabrics	Kgs	175.31	113.82	-35%	1045.63	791.92	-24%
	Sqm	1026.11	752.26	-27%			
Technical Apparel	Nos	58.97	42.70	-28%	112.01	111.59	-
	Kgs	500.60	476.18	-5%	1614.84	1509.17	-7%
Nos	4.62	1.92	-59%				
	Prs	15.18	16.14	6%			
	Sqm	15.35	14.70	-4%	2843.15	2505.87	-11.9%
		Total					

Source: DGC&S, DGFT And SRTEPC Analysis

TABLE NO. 28 A

SEGMENTS OF TECHNICAL TEXTILES – END USE APPLICATION WISE

<p>Agrotech Shade-nets, Mulch-mats, Crop-covers, Anti-hail / bird protection nets, Fishing nets</p>	<p>Meditech Surgical dressing, Disposables, Surgical sutures, Incontinence diapers, Baby diapers, Sanitary napkin, Contact lens, Artificial implants</p>
<p>Buildtech Architectural membranes, Hoardings & signages, Cotton canvas tarpaulins, HDPE tarpaulins, Awnings & canopies, Scaffolding nets, Floor & wall coverings</p>	<p>Mobiltech Nylon tyre cord, Seat belt webbing, Airbags (TT component), Car body covers, Seat covers fabric/upholstery, Automotive Interior carpets, Headliners (TT component), Insulation felts, Sunvisors / sunblinds, Helmets, Airlines disposables, Webbings for aircrafts, Aircrafts upholstery, TT usage in Railways²</p>
<p>Clothtech Shoe laces, Interlinings, Zip fasteners (TT component), Elastic narrow fabrics (Tapes), Velcro, Labels, Umbrella cloth, Sewing threads</p>	<p>Oekotech Environmental protection, recycling, waste disposal</p>
<p>Geotech Road infrastructure, Railways, Irrigation and Hydraulic structures, Waste Landfills, Dams etc. Geogrids (synthetic filaments and tapes etc formed into a very open, grid like configuration having large apertures). Geonets (extruded ribs set in net like fashion with small apertures), Geomembrances (impermeable fabric as barrier). Geocomposites (products using two or more Geotextiles e.g. Pre-fabricated Drains-PVD).</p>	<p>Packtech Packaging, Polyolefin Woven Sacks protective-cover systems, sacks, big bags, container systems, Tea-bags, Leno bags, Wrapping fabric, FIBC, Jute hessian and sacks (including food grade jute bags), Soft luggage products (TT component)</p>
<p>Homotech Fiberfil, Carpet backing Cloth (Jute & Synthetic), Stuffed toys, Blinds, HVAC Filters, Mattress and pillow components, Nonwoven wipes[@], Filter fabrics for vacuum cleaners, Mosquito nets, Furniture fabrics</p>	<p>Protech Ballistic protective clothing – Bullet-proof jackets, Fire retardant apparels, Fire retardant fabrics (for furnishings), NBC suits, High Visibility Clothing//Foul weather clothing, Reflective wear, Chemical Protection Clothing (CPC), Industrial gloves/Cut. Slash protection (TT component), High altitude clothing, Ballistic protective clothing – Bullet-proof jackets, Fire retardant apparels, Fire retardant fabrics (for furnishings) Radiation protection textile/NBC suits High visibility clothing/Foul weather clothing</p>
<p>Indutech Conveyor belts (TT component), Drive belts (TT component) Cigarette filter rods, Decatising cloth, Bolting cloth, AGM glass battery separators, Coated abrasives (TT component), Ropes & cordages, Composites (technical textiles component), Printed circuit boards (TT component), Computer Printer ribbon, Paper making fabrics, Filtration Products, Industrial Brushes</p>	<p>Sporttech Sport composites (TT component), Artificial turf, Parachute fabrics, Hot air balloons fabric, Sleeping bags, Sports nets, Sports footwear components, Sail cloth, High performance swimwear*, Tents</p>

[@] In addition non-woven fabric is imported and converted into wipes in India.

* Refers to high performance swimwear market in India and doesn't include fashion swimwear available in the market.

² Analysis based on data/information received from Railways. IMAcS has made appropriate adjustments because of insufficient data.

TABLE NO. 29

IMPORT OF TECHNICAL TEXTILES:

(Value in USD Million)

S. No	Category	IMPORT					
		2017-18	2018-19	2019-20	2020-21	2021-22	% Change
1	Mobil-tech	631.74	693.18	576.27	501.56	806.18	60.7
2	Indu-tech	647.32	661.85	599.44	505.41	733.08	45.0
3	Cloth-tech	261.61	276.20	270.70	214.53	281.2	31.1
4	Home-tech	364.84	342.67	331.92	196.29	257.56	31.2
5	Medi-tech	90.23	116.9	84.23	113.46	140.47	23.8
6	Pack- tech	83.59	85.58	80.42	59.07	84.88	43.7
7	Agro-tech	18.62	25.8	30.18	36.3	49.64	36.7
8	Pro- tech	17.01	22.1	17.94	25.86	21.77	-15.8
9	Geo-tech	14.51	14.19	16.37	17.07	23.14	35.6
10	Sports-tech	18.2	18.78	13.4	16.84	23.42	39.1
11	Build- tech	13.05	16.84	16.75	12.91	22.25	72.3
12	Fibre and Filament	10.49	10.59	8.79	12.26	16.04	30.8
Total		2171.21	2284.68	2046.41	1711.56	2459.63	43.7

Source: Ministry of Commerce and Industry . Note: Data of 207 HS - 08 Codes

TABLE NO. 30

EXPORT OF TECHNICAL TEXTILES:

(Value in USD Million)

S. No	Category	EXPORT					
		2017-18	2018-19	2019-20	2020-21	2021-22	% Change
1	Pack- tech	693.37	809.23	740.32	784.45	1104.09	40.7
2	Indu-tech	315.71	370.54	441.74	522.72	692.68	32.5
3	Mobil-tech	208.68	234.7	212.48	187.22	261.31	39.6
4	Cloth-tech	133.1	158.06	141.40	226.56	222.72	-1.7
5	Home- tech	130.55	115.56	130.90	125.64	136.80	8.9
6	Medi-tech	90.55	94.23	111.53	119.72	154.61	29.1
7	Agro-tech	71.74	85.04	85.59	89.18	93.76	5.1
8	Build- tech	6.04	11.28	14.61	17.9	48.69	172.0
9	Pro- tech	28.56	47.36	45.97	39.48	49.38	25.1
10	Geo-tech	24.18	34.9	31.33	27.51	35.06	27.4
11	Sports-tech	91.52	87.88	100.77	73.4	44.02	-40.0
12	Fibre and Filament	0.44	0.76	1.05	1.58	0.81	-48.7
Total		1794.44	2049.54	2057.69	2215.36	2843.93	28.4

Source: Ministry of Commerce and Industry . Note: Data of 207 HS - 08 Codes

TABLE NO. 30 A

SEGMENT - WISE EXPORT PERFORMANCE OF TECHNICAL TEXTILES.

(in US\$ Mn)

Sr. No.	T. T. Sector	Apr 21 - Mar 22	Apr 22 - Mar 23	% Growth
1	Agrotech	68.5	76.6	12%
2	Buildtech	5.5	5.2	-6%
3	Clothtech	59.3	63.7	7%
4	Geotech	8.3	9.0	9%
5	Hometech	92.8	76.6	-17%
6	Indutech	911.3	743.6	-18%
7	Moditech	190.5	199.3	5%
8	Mobiltech	156.8	182.9	17%
9	Packtech	1258.4	1042.7	-17%
10	Protech	63.3	77.6	23%
11	Sportech	28.5	28.6	0%
12	GrandTotal	2843.2	2505.9	-12%

Source: DGCI &, DGFT, Baseline Survey 2020 and SRTEPC Analysis

TABLE NO. 31

Exports of 10 Emerging Technical Textile product 2022-23

(Value: In US\$ Mn)

Sr. No.	Product	Apr 21 - Mar 22	Apr22 - Mar 23	Apr 22 - Mar 23
1	Tyre Cord Yarn	1.6	6.9	320%
2	Tents	0.2	0.8	305%
3	Sacking Cloth	1.0	2.5	163%
4	Glass Rovings	13.5	29.3	117%
5	Wall Coverings	0.4	0.8	114%
6	PPE	22.1	34.5	56%
7	Airbags	52.7	81.2	54%
8	Cotton Wool	36.4	51.9	42%
9	Wadding	19.3	27.4	42%
10	Glass Yarns	5.8	7.8	35%

Source - Baseline survey report of ICRA Management Consultancy Services Ltd

TABLE NO. 32
PRODUCTS WISE EXPORTS PERFORMANCE IN TECHNICAL TEXTILE
(in US\$ Mn)

Sr. No.	Top 10 Exported Product	Apr 21- Mar 22	Apr 22 - Mar 23	%Growth
1	FIBC	999.6	861.1	-14%
2	Coated & Laminated Fabrics	298.0	243.1	-18%
3	Ropes & Cords	187.2	175.3	-6%
4	Nonwovens	205.6	146.2	-29%
5	Airbags	52.7	81.2	54%
6	Hesssian Cloth	103.4	80.2	-23%
7	Fishing Nets	68.5	76.6	12%
8	Hose pipe	56.2	73.5	31%
9	Hosiery	83.9	69.5	-17%
10	Tapes & Webbing	55.9	59.4	6%

Source: DGCI & S DGFT and SRTPEC Analysis

TABLE NO. 33
CONSUMPTION OF NONWOVENS/TT IN INDIA VS. GDP PER CAPITA
(Assuming an increase of 13.27% in per capita every year)

Year	GDP per capita (US\$)	Consumption of Nonwovens/TT (kg)
2005	733	0.08
2010	1374	0.15
2015	2563	0.27
2020	4780	0.51
2025	8912	0.95
2030	16618	1.77
2035	30985	3.31
2040	57773	6.16
2045	107720	11.49
2050	200850	21.43

Source : World Bank.

TABLE NO. 34**Leading Export Market of Technical Textiles During Apr-22 to Mar-23****(Values in US\$ Mn)**

Country	Apr 21- Mar 22	Apr 22 - Mar 23	%Growth	Share in Apr22-Mar23
USA	915.95	704.28	-23%	28.1%
Germany	147.85	123.40	-17%	4.9%
UK	139.29	112.47	-19%	4.5%
Netherlands	118.87	96.62	-19%	3.9%
UAE	88.59	91.75	4%	3.7%
Belgium	70.77	74.36	5%	3.0%
France	79.79	71.03	-11%	2.8%
Australia	62.18	61.61	-1%	2.5%
Row	1219.86	1170.35	-4%	46.7%
Total	2843.15	2505.87	-12%	

Source: DGCI & S DGFT and SRTPEC Analysis

TABLE NO. 35**Leading Export Market of Technical Yarns Apr-22 to Mar-23****(Values in US\$ Mn)**

Country	Apr 21- Mar 22	Apr 22 - Mar 23	%Growth
USA	25.86	28.53	10%
Belgium	1.50	11.92	695%
Australia	4.36	4.66	7%
UAE	2.24	4.18	87%
Turkey	2.13	2.69	26%
Morocco	3.62	2.10	-42%
Vietnam	0.99	1.46	47%
Germany	0.91	1.19	31%
Row	28.47	36.00	26%
Total	70.08	92.73	32%

Source: DGCI & S DGFT and SRTPEC Analysis

TABLE NO. 36

**PROJECTED GROWTH RATE & MARKET SIZE
OF TECHNICAL TEXTILE INDUSTRY 2024-25**

Sector	2016-17 Domestic Market Size (In Rs. crores)	Key Trends	Projected Growth Rate	2024-25 Projected Market Size (In Rs. crores)
Packtech	37,519	Stiff competition from packaging material from chemical industry Negative growth in jute sector	12%	90,000
Mobiltech	10,025	Increase in the number of vehicles based on AMP Increased usage of technical textiles in automobiles like seat belts, airbags and automotive carpets	19%	41,500
Indutech	9,393	Increased penetration in composites Growth of end use industry	16%	31,690
Homotech	9,315	Usage in household textiles items, hence, growth of this segment is linked with growth of household consumption of textiles in India	15%	27,920
Clothtech	7,088	Usage in apparel, hence, growth of this segment is linked with growth of apparel industry in India	14%	19,570
Sportech	6,260	Increasing inclination towards sports and fitness Entry of international sports brands Improving sports infrastructure in the country	14%	18,470
Buildtech	3,992	Increasing spending on infrastructure Increasing awareness and usage of products like architectural membrane, scaffolding nets	13%	10,260
Meditech	3,727	Increasing awareness about health and hygiene Government support High growth of healthcare sector	22%	18,180
Protech	2,582	Increasing usage in armed forces and other security forces Mandatory use in hospitality, healthcare, transportation and public venues Increase in compliances	13%	7,070
Agrotech	876	Increasing awareness about agro Government support Reducing land under cultivation	12%	2,230
Geotech	245	Increasing use of geotextiles in infrastructure Government thrust for promoting use of geo textiles	12%	630
Oekotech	176	Component of geo textiles	13%	480
Total	91,169		14%	268,000

TABLE NO. 37

Market size of technical textile segments in India - Rs.Crores (US\$ Billion)

Sr. No.	Technical textile Segment	Year 2019-2020 (Estimate)	Year 2024-2025 (Forecast)	Segment as % of Total (2019-2020)	Segment as % of Total (2024-2025) (Forecast)	(in USD Bn.)	
						CAGR% (2019-20 to 2024-2025) (Forecast)	
1	Agrotech	1890(0.29)	3246(0.50)	1.54	1.78	11.42	
2	Buildtech	5008(0.77)	8239(1.27)	4.07	4.51	10.47	
3	Clothtech	8205(1.26)	11411(1.75)	6.67	6.24	6.82	
4	Geotech	2050(0.31)	4483(0.69)	1.67	2.45	16.94	
5	Hometech	12352(1.90)	17145(2.63)	10.05	9.38	6.78	
6	Indutech	12821(1.97)	23660(3.63)	10.43	12.95	13.04	
7	Mobildtech	7861(1.21)	12550(1.93)	6.39	6.87	9.81	
8	Meditech	11164(1.71)	18274(2.81)	9.08	10.00	10.35	
9	Oekotech	488(0.08)	972.(0.15)	0.40	0.53	14.76	
10	Packtech	50592(7.77)	67332(2.81)	41.15	36.85	5.88	
11	Protech	3148(0.48)	5119(0.79)	2.56	2.80	10.21	
12	Sporttech	7364(1.13)	10312(1.58)	5.99	5.64	6.96	
	Total	122943(18.89)	182742(28.06)	100	100	8.25	

Note: As per the information received from the field research as well as consulting the industry practitioners and experts, the forecast arrived at by IIT delhi suggest that the market for technical textile in India will grow in value from Rs.122943Crores (US\$ 18879.45 Million) 2019-20 to Rs.182742 Crores (US\$28062.37 Million) in 2024 -2025.

TABLE NO. 38**ESTIMATED TOTAL EMPLOYMENT IN
TECHNICAL TEXTILE INDUSTRY**

Product Segment	Technical	Non-Technical	Total
Agrotech	9,000	56,000	65,000
Meditech	20,000	12,000	32,000
Mobiltech	22,000	6,000	28,000
Packtech	1,40,000	1,70,000	3,10,000
Sportech	70,000	18,000	88,000
Buildtech	33,000	30,000	63,000
Clothtech	50,000	20,000	70,000
Hometech	75,000	45,000	1,20,000
Protech	1,500	500	2,000
Geotech & Oekotech	2,000	500	2,500
Indutech	65,000	35,000	1,00,000
Total	4,87,500	3,93,000	8,80,500

TABLE NO. 39

Ranking of Projected Technical Textile Export Markets		
1. Mexico	11. Korea	21. Poland
2. Canada	12. Dominican Republic	22. Taiwan
3. China	13. Brazil	23. Saudi Arabia
4. Germany	14. Australia	24. Italy
5. United Kingdom	15. United Arab Emirates	25. Peru
6. Japan	16. Singapore	26. France
7. Hong Kong	17. India	27. Costa Rica
8. Honduras	18. Vietnam	28. Thailand
9. Belgium	19. Chile	29. Nicaragua
10. Netherlands	20. Colombia	30. Malaysia

TABLE NO. 40**Projected employment in India's technical textile Industry 2019-2020 to 2024-2025**

Financial Year	Employment (persons in Lakhs)
2019-20	12.16
2020-21	12.64
2021-22	13.14
2022-23	13.67
2023-24	14.22
2024-25	14.78

TABLE NO. 41
ACTUAL DEMAND FOR TEXTILE MACHINERY, PARTS AND ACCESSORIES BASED ON THE SURVEY DONE BY THE TEXTILES COMMITTEE

(Value in Rs. Crores)

Years	Production	Exports	Production (Minus Exports)	Imports (less parts imported by machinery manufacturers i.e. 15% of Production)	Total Domestic demand	% Share of demand met by indigenous industry
2015-16	6580	2351	4229	9318	13547	31
2016-17	6650	2438	4212	9101	13313	32
2017-18	6900	2896	4004	9652	13656	29
2018-19	6865	3823	3042	10612	13654	22
2019-20	5355	2639	2716	8782	11498	24
2020-21	5096	2721	2375	6259	8634	28
2021-22	11658	4295	7363	11143	18506	40
2022-23	14412	5183	9229	18557	27786	33

Note : 2015-16 to 2022-23 data is based on the survey done by the Textile Committee.

Source : TMMA

TABLE NO. 42
PRODUCTION, EXPORTS, IMPORTS AND DOMESTIC AVAILABILITY OF TEXTILE MACHINERY AND PARTS

(Value in Rs. Crores)

Years	Total Production	Exports	Domestic Availability (Production Less Exports)	Imports	Parts Imported by Indigenous Mfrs.	Imports Less Parts Imported by Indigenous Mfrs.
2008-09	4063	614	3449	4411	609	3802
2009-10	4245	556	3689	4357	637	3720
2010-11	6150	883	5267	5315	923	4392
2011-12	5280	1523	3757	7643	792	6851
2012-13	5650	1512	4138	7599	848	6751
2013-14	6775	2277	4498	8562	1016	7546
2014-15	6960	2466	4494	8858	1044	7814
2015-16	6580	2351	4229	10305	987	9318
2016-17	6650	2438	4212	10098	998	9101
2017-18	6900	2896	4004	10687	1035	9652
2018-19	6865	3823	2988	11642	1030	10612
2019-20	5355	2639	2784	9585	803	8782
2020-21	5096	2721	2372	7023	764	6259
2021-22	11658	4295	7363	12892	1749	11143
2022-23	14412	5183	9229	20718	2161	18557

Note : From 2008-09 to 2022-23 data is based on the survey done by the Textile Committee.

Source : TMMA.

Textile Machinery

TABLE NO. 43
EXPORT AND IMPORT OF TEXTILE MACHINERY,
PARTS AND ACCESSORIES

(Value in Rs. Crores)

Year	Exports	Imports
2006-07	564	10309
2007-08	699	5255
2008-09	661	4411
2009-10	556	4357
2010-11	883	5315
2011-12	1523	7643
2012-13	1512	7599
2013-14	2751	12473
2014-15	3088	13273
2015-16	3350	15752
2016-17	3577	14991
2017-18	2896	10687
2018-19	3877	11642
2019-20	2571	9585
2020-21	2721	7023
2021-22	4295	12892
2022-23(P)	5183	20718

Source : TMMA.

(E) : Estimated.

(P) : Provisional.

TABLE NO. 44
CAPACITY UTILIZATION OF THE TEXTILE MACHINERY
MANUFACTURING INDUSTRY

(Value in Rs. Crores)

Year	Installed Capacity	Production	Capacity Utilisation (%)
2007-2008	8048	6155	76
2008-2009	8048	4063	50
2009-2010	8048	4245	53
2010-2011	9100	6150	68
2011-2012	9100	5280	58
2012-2013	9350	5650	60
2013-2014	9850	6775	69
2014-2015	11000	6960	63
2015-2016	11000	6580	60
2016-2017	11000	6650	60
2017-2018	11000	6900	63
2018-2019	11000	6865	62
2019-2020	11000	5355	49
2020-2021	11000	5096	46
2021-2022	12500	11658	93
2022-2023(P)	15500	14412	91

Note : From 2007-08 to 2022-23 data is based on the survey done by the Textiles Committee.

Source : TMMA.

TABLE NO. 45
SUMMARY OF PRODUCTION OF TEXTILE MACHINERY

	(Value in Rs. Crores)							
	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23(P)	
Spinning & Allied Machinery	3615	3815	3625	2545	2522	7377	9182	
Synthetic Filament / Yarn Machinery	400	385	400	350	278	489	513	
Weaving & Allied Machinery	900	885	890	715	454	784	1025	
Processing Machinery	635	650	750	655	884	1082	1329	
Miscellaneous (Spinning , Weaving & Processing Jute) Machinery	30	35	25	30	29	2	36	
Textile Testing / Controlling & Measuring Instruments	100	130	165	165	100	81	68	
Hosiery Machinery (inclusive of Hosiery Machinery & Needles)	65	80	85	80	52	65	60	
Total of Machinery	5745	5980	5940	4540	4319	9880	12213	
Spares & Accessories	905	920	925	815	777	1778	2198	
Grand Total	6650	6900	6865	5355	5095	11658	14412	
% Increase /decrease	1%	4%	-1%	-22%	-5%	129%	24%	

Source : TMMA. (P) : Provisional.

TABLE NO. 46 (Contd.)

S.No.	Names of Items	2020-21		2021-22		2022-23	
		Qty. Nos.	Value Rs. Lakhs	Qty. Nos.	Value Rs. Lakhs	Qty. Nos.	Value Rs. Lakhs
4	Precision Cone Winding Machine	64	2073	3969	2315.79	3423	1826.29
5	Assembly Winder	110	1174.2	5476	1644.56	7433	1756.14
6	Warping Machine -Direct / High Speed / sectional		0	0	0	2	67.8
7	Beaming Machine	0	0	0	0	0	0
8	Size Cooker	0	0	0	0	0	0
9	Sizing Machine	0	0	0	0	0	0
10	Plain Loom -Cotton	0	0	0	0	0	0
11	Shuttleless / Rapier Loom	224	1643.7	515	4152.03	822	7203.25
12	Airjet Loom	0	0	0	0	0	0
13	Water Jet Loom	0	0	0	0	0	0
				0	0	0	0
	WEAVING MACHINE ATTACHMENTS			0	0	0	0
1	Dobby-Ordinary	0	0	0	0	0	0
2	Jacquard- Ordinary/ Electronic	0	0	3	21.55	4	28.88
3	Electronic Yarn Clearer	0	0	0	0	0	0
	TOTAL:		4906.65		8434.49		11025.5
CATE IV	PROCESSING MACHINES:						
	BLEACHING RANGE	0	0	0	0	3	1299.64
1	Mercerising Machine	7	1504.03	5	1354.68	7	1833.38
2	Kier/Chemicking/Scouring Machine	0	0	0	0	0	0
3	Continuous Bleaching Rang	2	692.76	9	3325	5	2177.74
				1	84	1	205.27
	DYEING RANGE					1	39.77
1	Dyeing Machine / Range	2	1083.07	0	0	0	0
2	Jigger	12	449.38	19	539	28	606.25
3	Dyeing Machine - H.T.H.P.& Jet Dyer	0	0			0	0
4	Cold Pad Batch Dyeing System	5	1589.97	7	1140.26	10	773.08
5	Padders Dyeing /Finishing/ Knits/ SS Roll	9	1047.22	2	94.05	1	5
	PRINTING RANG						
1	Batching / Batch Unwinding Machine	0	0	0	0	0	0
2	Batch Rotating Station	0	0	0	0	0	0
3	Colour Kitchen System	0	0	0	0	0	0
4	Rotary Screen Printing Machine	0	0	0	0	0	0
5	Flat Bed Screen Printing Machine	36	1606.85	35	0	13	826.81
6	Loop Steamer	0	0	0	1967.72	0	0
	Ager Jet Steamer/ H.P Dye Steamer	0	0	0	0	1	235