

# Consumption on the Woolen System and Worsted Combing

## Summary

1999

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Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the introduction of the 1997 Manufacturing Profiles, issued August 1999.

Current data are released electronically on Internet for all individual surveys as they become available. Use: <http://www.census.gov/econ/www/manumenu.html>. Individual reports can be accessed by choosing "Current Industrial Reports (CIR's)," clicking on "Report Number Index;" from the "Industrial Products by Numeric Index," choose the survey of interest. Follow the menu to view the PDF file or to download the worksheet file (WK format) to your personal computer.

These data are also available through the U.S. Department of Commerce and STAT-USA Electronic Bulletin Board by subscription. To access, dial 202-482-3870 and follow the prompts to register. Also, you may call 202-482-1986 or 1-800-STAT-USA, for further information. The Internet address is: [www.stat-usa.gov/](http://www.stat-usa.gov/).

#### NOTE:

Data are now published on the new North American Industry Classification System (NAICS) basis and therefore are not always comparable to the old Standard Industrial Classification (SIC) code. For further information on NAICS, see [www.census.gov/epcd/www/naics.html](http://www.census.gov/epcd/www/naics.html).

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Address inquiries concerning these data to Consumer Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Stephanie Angel, 301-457-4698.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-457-4673.

**U S C E N S U S B U R E A U**

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**Table 1. Summary of Fibers Consumed in Woolen Spinning and Worsted Combing: 1995 to 1999**  
 [Thousands of pounds]

Product description	1999	1998	1997	1996	1995
All fibers 1/.....	800,014	833,437	904,777	912,195	953,372
Raw wool 2/ 3/.....	77,485	114,704	143,962	141,836	141,966
Apparel class.....	63,535	98,373	130,386	129,525	129,299
Woolen system.....	29,151	46,337	70,341	69,716	57,300
Worsted combing.....	34,384	52,036	60,045	59,809	71,999
Carpet class.....	13,950	16,331	13,576	12,311	12,667
Noils, reprocessed and reused wool, and other animal fibers 4/.....	7,768	11,049	20,371	22,557	19,808
Other fibers 1/ 5/.....	714,761	707,684	740,444	747,802	791,598

1/Includes manmade fiber top converted from tow without combing.

2/Data are shown on a scoured basis for greasy wool.

3/Shorn and pulled wool of sheep does not include raw wool consumed in cotton system spinning; withheld to avoid disclosing data for individual companies.

4/Includes mohair, alpaca, vicuna, and other specialty fibers, as well as tops and noils consumed in woolen spinning and mohair consumed in worsted combing. Does not include wool tops consumed in cotton system spinning.

5/Includes cotton, jute, and other vegetable fibers. Data for product code 313111C129, which were included with "Other fibers" data in previous publications, are now being included in the data for "Noils, reprocessed and reused wool, and other animal fibers."

Table 2. Fibers Consumed in Woolen Spinning and Worsted Combing by Quarter: 1999 and 1998  
 [Thousands of pounds]

Product description	Total	First quarter	Second quarter	Third quarter	Fourth quarter
1999					
All fibers 1/ .....	800,014	194,500	209,609	207,187	188,718
Raw wool 2/ 3/.....	77,485	21,514	20,396	18,976	16,599
Apparel class.....	63,535	17,294	16,815	15,793	13,633
Woolen system.....	29,151	7,725	7,933	7,311	6,182
Worsted combing.....	34,384	9,569	8,882	8,482	7,451
Carpet class 4/.....	13,950	4,220	3,581	3,183	2,966
Noils, reprocessed and reused wool, and other animal fibers 5/.....	7,768	1,913	2,101	1,782	1,972
Other fibers 1/.....	714,761	171,073	187,112	186,429	170,147
Nylon.....	448,187	110,476	116,189	116,091	105,431
Polyester.....	119,918	25,786	29,364	35,143	29,625
Acrylic and modacrylic.....	131,331	31,136	37,514	30,844	31,837
Other fibers 6/.....	15,325	3,675	4,045	4,351	3,254
1998					
All fibers 1/ .....	833,437	219,729	225,062	197,599	191,047
Raw wool 2/ 3/.....	114,704	33,189	33,629	25,968	21,918
Apparel class.....	98,373	29,318	29,577	21,948	17,530
Woolen system.....	46,337	14,083	14,782	9,548	7,924
Worsted combing.....	52,036	15,235	14,795	12,400	9,606
Carpet class 4/.....	16,331	3,871	4,052	4,020	4,388
Noils, reprocessed and reused wool, and other animal fibers 5/.....	11,049	3,152	3,797	1,924	2,176
Other fibers 1/.....	707,684	183,388	187,636	169,707	166,953
Nylon.....	443,860	114,650	116,698	109,632	102,880
Polyester.....	107,784	27,605	28,181	26,131	25,867
Acrylic and modacrylic.....	127,028	32,464	34,073	27,683	32,808
Other fibers 6/.....	29,012	8,669	8,684	6,261	5,398

1/Includes top converted from manmade fiber tow without combing.

2/Data are shown on a scoured basis for greasy wool.

3/Shorn and pulled wool of the sheep does not include raw wool consumed in cotton system spinning.

4/Data for carpet and rug yarns, tops, noils, reprocessed wool, and other wool, except shorn and pulled, are included with carpet raw wool in order to avoid disclosing data for individual companies. These data represent less than one-half of 1 percent of "Total carpet class, raw wool."

5/Includes mohair, alpaca, vicuna, and other specialty fibers, as well as tops and noils consumed in woolen spinning and mohair and other fibers, except wool of sheep consumed in worsted combing. Does not include wool tops consumed in cotton system spinning, which in 1999 amounted to 2,108 thousand pounds and in 1998 amounted to 1,786 thousand pounds.

6/Includes cotton, jute, and other vegetable fibers. Data for product code 313111C129, which were included with "Other fibers" data in earlier publications, are now being included in the data for "Noils, reprocessed and reused wool, and other animal fibers."

Table 3. Fibers Consumed in Woolen Spinning by Quarter: 1999 and 1998  
 [Thousands of pounds]

Product code	Product description	Total	First quarter	Second quarter	Third quarter	Fourth quarter
1999						
Fibers consumed in woolen spinning 1/.....						
		735,689	177,729	193,323	191,543	173,094
	For yarns (except carpet and rug).....	187,800	46,045	53,556	45,213	42,986
	Shorn and pulled wool of the sheep.....	29,151	7,725	7,933	7,311	6,182
11241061	60S and finer.....	18,379	4,815	4,998	4,641	3,925
11241062	Coarser than 60S.....	10,772	2,910	2,935	2,670	2,257
	Other wool.....	6,947	1,755	1,832	1,548	1,812
31499997	Sheep (tops, noils, etc.).....	4,944	1,157	1,311	1,109	1,367
11241071	Other (mohair, alpaca, vicuna, etc.).....	2,003	598	521	439	445
31499989	Reprocessed wool and reused wool.....	821	158	269	234	160
	Other fibers.....	150,881	36,407	43,522	36,120	34,832
32522292	Nylon.....	8,854	2,161	2,197	2,478	2,018
32522295	Polyester.....	22,062	5,816	5,837	5,156	5,253
32522296	Acrylic and modacrylic.....	104,888	24,817	31,505	24,197	24,369
32522298	All other fibers, including rayon and acetate.....	15,077	3,613	3,983	4,289	3,192
	For carpet and rug yarns.....	547,889	131,684	139,767	146,330	130,108
11241051	Shorn and pulled wool of the sheep 2/.....	(D)	(D)	(D)	(D)	(D)
31499998	Tops, noils, mohair, reused and reprocessed wool, and other wool (except shorn or pulled) 2/.....	13,950	4,220	3,581	3,183	2,966
	Other fibers.....	533,939	127,464	136,186	143,147	127,142
32522291	Nylon.....	439,333	108,315	113,992	113,613	103,413
32522293	Polyester.....	(D)	(D)	(D)	(D)	(D)
32522294	Acrylic and modacrylic.....	(D)	(D)	(D)	(D)	(D)
32522297	All other fibers, including rayon and acetate.....	(D)	(D)	(D)	(D)	(D)
1998						
Fibers consumed in woolen spinning 1/.....						
		745,990	194,613	200,965	177,031	173,381
	For yarns (except carpet and rug).....	235,080	65,967	71,189	47,617	50,307
	Shorn and pulled wool of the sheep.....	46,337	14,083	14,782	9,548	7,924
11241061	60S and finer.....	31,258	9,343	10,711	6,217	4,987
11241062	Coarser than 60S.....	15,079	4,740	4,071	3,331	2,937
	Other wool.....	9,557	2,697	3,345	1,565	1,950
31499997	Sheep (tops, noils, etc.).....	6,548	1,795	2,492	940	1,321
11241071	Other (mohair, alpaca, vicuna, etc.).....	3,009	902	853	625	629

Continued

**Table 3. Fibers Consumed in Woolen Spinning by Quarter: 1999 and 1998**  
 [Thousands of pounds]

Product code	Product description	Total	First quarter	Second quarter	Third quarter	Fourth quarter
31499989	Reprocessed wool and reused wool.....	1,297	260	452	359	226
	Other fibers.....	177,889	48,927	52,610	36,145	40,207
32522292	Nylon.....	20,709	7,898	8,796	2,042	1,973
32522295	Polyester.....	29,353	7,911	8,289	6,451	6,702
32522296	Acrylic and modacrylic.....	99,065	24,512	26,903	21,454	26,196
32522298	All other fibers, including rayon and acetate.....	28,762	8,606	8,622	6,198	5,336
	For carpet and rug yarns.....	510,910	128,646	129,776	129,414	123,074
11241051	Shorn and pulled wool of the sheep 2/.....	(D)	(D)	(D)	(D)	(D)
31499998	Tops, noils, mohair, reused and reprocessed wool, and other wool (except shorn or pulled) 2/.....	16,331	3,871	4,052	4,020	4,388
	Other fibers.....	494,579	124,775	125,724	125,394	118,686
32522291	Nylon.....	423,151	106,752	107,902	107,590	100,907
32522293	Polyester.....	(D)	(D)	(D)	(D)	(D)
32522294	Acrylic and modacrylic.....	(D)	(D)	(D)	(D)	(D)
32522297	All other fibers, including rayon and acetate.....	(D)	(D)	(D)	(D)	(D)

D Withheld to avoid disclosing data for individual companies.

1/Data are shown on a scoured basis for greasy wool.

2/Product codes 11241051 and 31499998 are combined to avoid disclosing data for individual companies.

Table 4. Production of Tops and Noils Combed and Manmade Tow Converted to Top Without Combing by Quarter: 1999 and 1998  
[Thousands of pounds]

Product code	Product description	Total	First quarter	Second quarter	Third quarter	Fourth quarter
1999						
	Tops and noils combed.....	34,384	9,569	8,882	8,482	7,451
	Top production.....	31,596	8,815	8,072	7,799	6,910
	Wool of the sheep.....	31,596	8,815	8,072	7,799	6,910
313111C112	60S and finer.....	25,347	7,482	6,602	5,564	5,699
313111C115	Coarser than 60S.....	6,249	1,333	1,470	2,235	1,211
313111C119	All other fibers, including mohair.....	-	-	-	-	-
	Noil production.....	2,788	754	810	683	541
	Wool of the sheep.....	2,788	754	810	683	541
313111C122	60S and finer.....	2,082	598	548	490	446
313111C125	Coarser than 60S.....	706	156	262	193	95
313111C129	All other fibers, including mohair.....	-	-	-	-	-
	Manmade tow converted to top without combing.....	29,941	7,202	7,404	7,162	8,173
313111C144	Polyester.....	(D)	(D)	(D)	(D)	(D)
313111C146	Acrylic fibers.....	(D)	(D)	(D)	(D)	(D)
313111C148	Manmade fibers (except polyester or acrylic).....	(D)	(D)	(D)	(D)	(D)
1998						
	Tops and noils combed.....	52,231	15,430	14,795	12,400	9,606
	Top production.....	48,141	14,194	13,687	11,395	8,865
	Wool of the sheep.....	(D)	(D)	(D)	(D)	(D)
313111C112	60S and finer.....	38,994	12,412	11,063	8,456	7,063
313111C115	Coarser than 60S.....	(D)	(D)	(D)	(D)	(D)
313111C119	All other fibers, including mohair.....	(D)	(D)	(D)	(D)	(D)
	Noil production.....	4,090	1,236	1,108	1,005	741
	Wool of the sheep.....	(D)	(D)	(D)	(D)	(D)
313111C122	60S and finer.....	3,249	1,042	877	753	577
313111C125	Coarser than 60S.....	(D)	(D)	(D)	(D)	(D)
313111C129	All other fibers, including mohair.....	(D)	(D)	(D)	(D)	(D)
	Manmade tow converted to top without combing.....	35,216	9,686	9,302	8,168	8,060
313111C144	Polyester.....	(D)	(D)	(D)	(D)	(D)
313111C146	Acrylic fibers.....	(D)	(D)	(D)	(D)	(D)
313111C148	Manmade fibers (except polyester or acrylic).....	(D)	(D)	(D)	-	-

- Represents zero. D Withheld to avoid disclosing data for individual companies.