



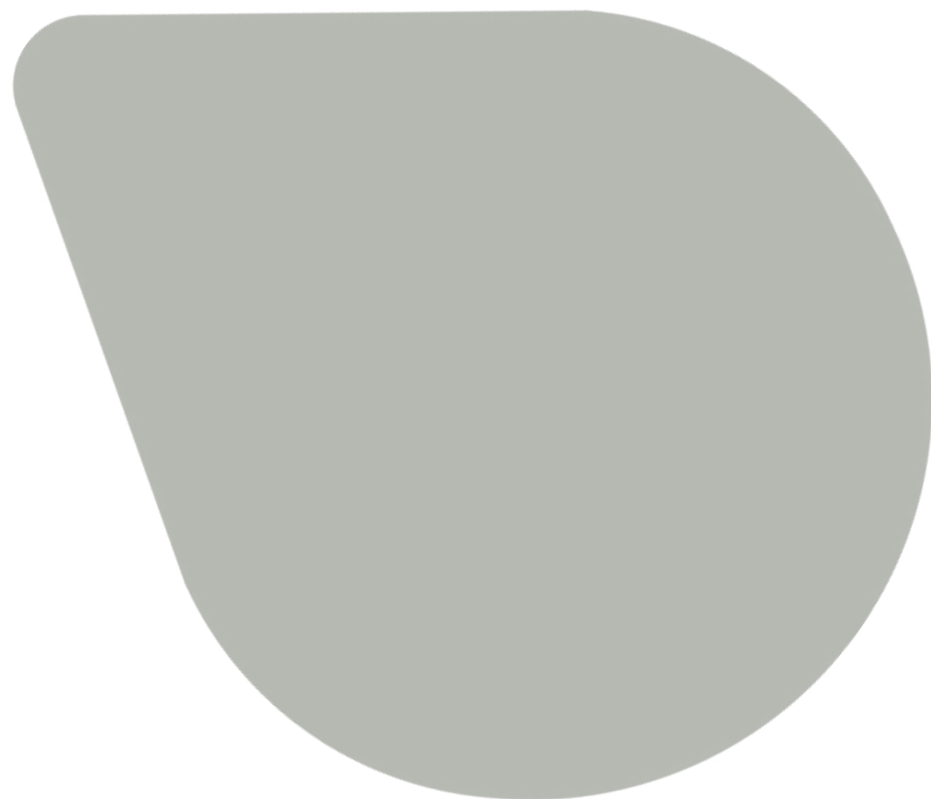
euroweb

European | Textile | Network

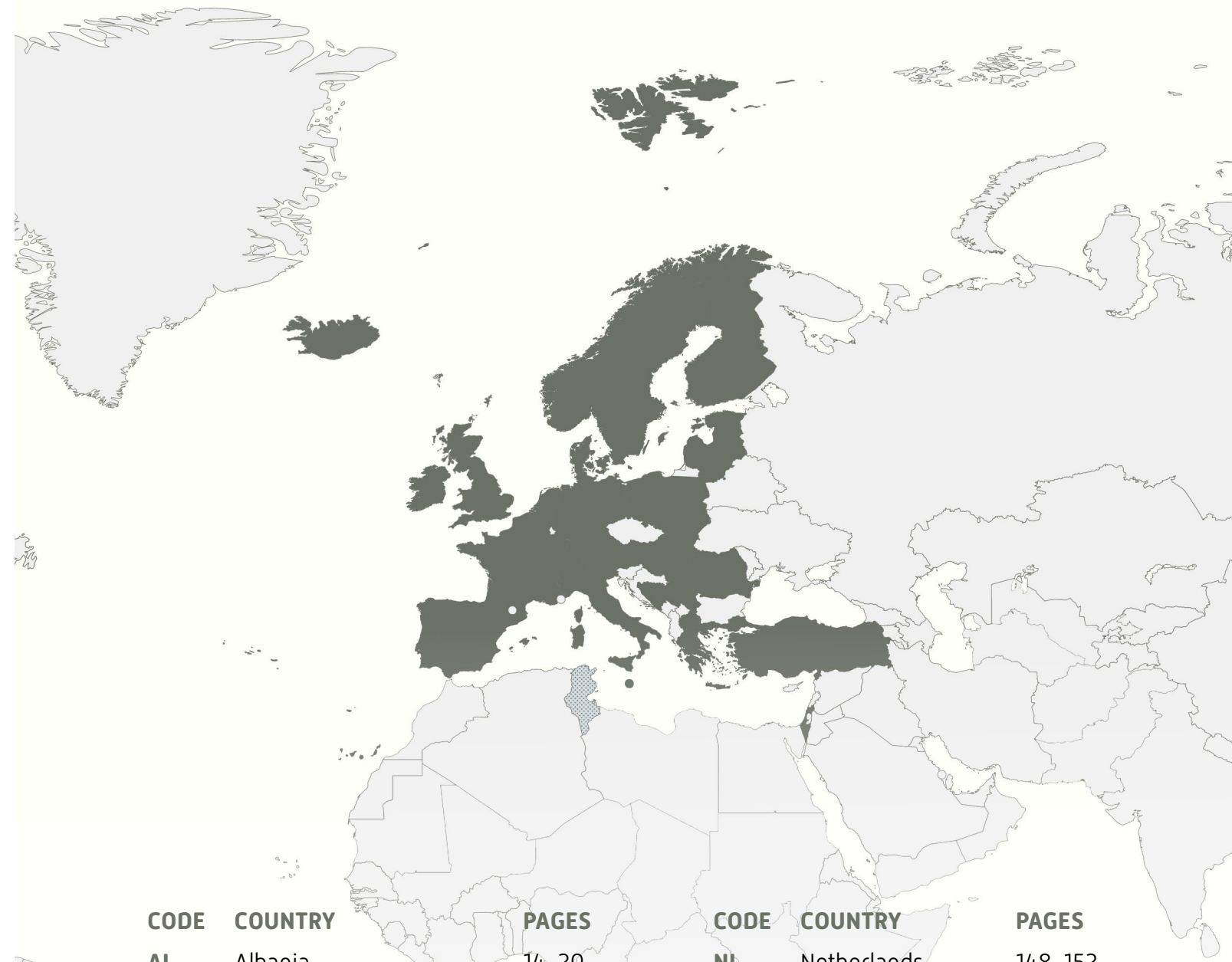
NATIONAL SURVEY
of the European textile, dress and fashion sectors

industries | businesses | consumers | cultural heritage

Main aim and objectives



List of Countries

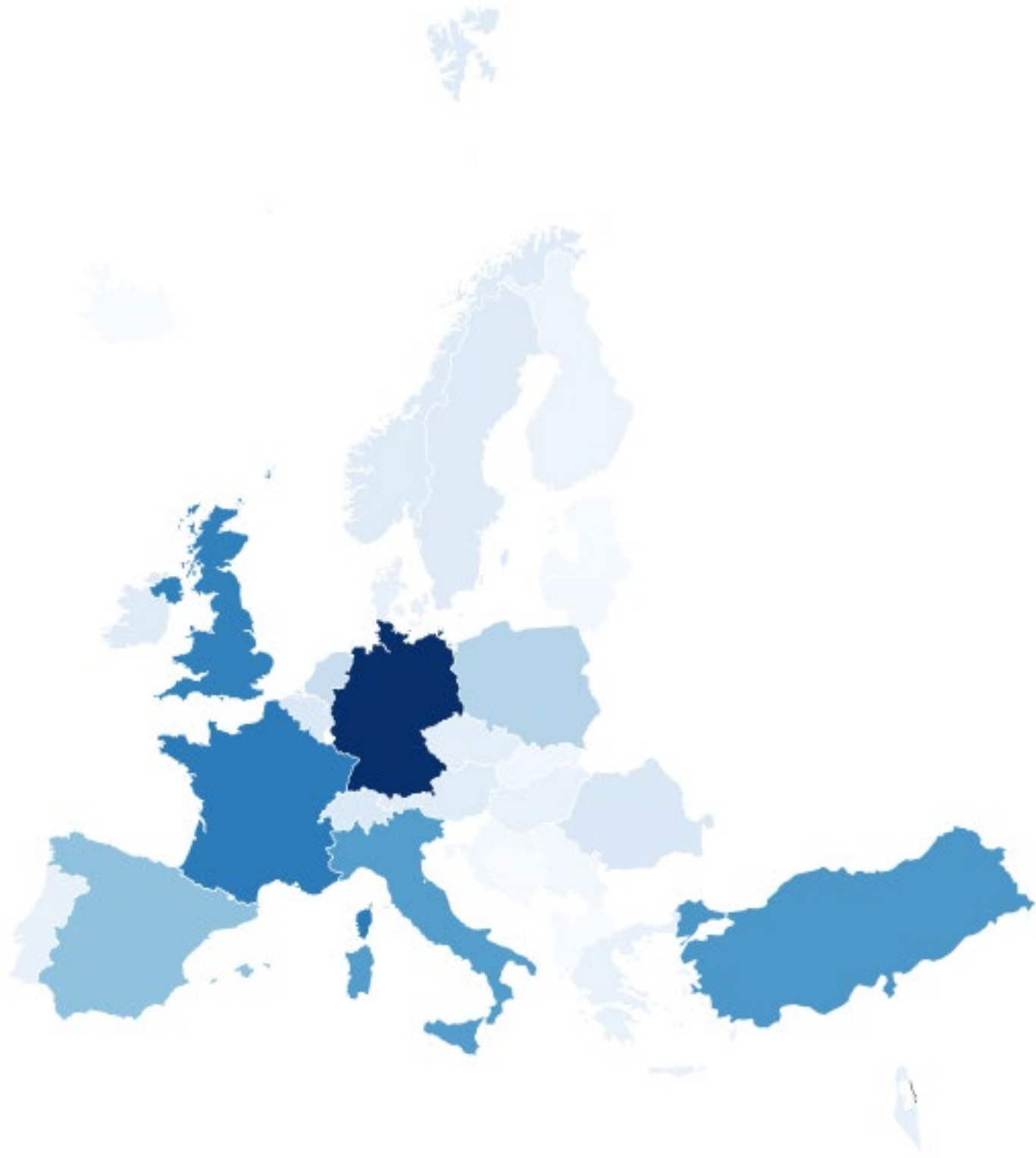


CODE	COUNTRY	PAGES	CODE	COUNTRY	PAGES
AL	Albania	14-20	NL	Netherlands	148-152
AT	Austria	22-27	MK	North Macedonia	154-162
BE	Belgium	28-32	NO	Norway	164-168
BA	Bosnia and Herzegovina	34-41	PL	Poland	170-180
CZ	Czechia	42-50	PT	Portugal	182-189
DK	Denmark	52-58	RO	Romania	190-194
EE	Estonia	60-67	RS	Serbia	196-203
FI	Finland	68-74	SK	Slovak Republic	204-211
FR	France	76-84	ES	Spain	212-226
DE	Germany	86-94	SE	Sweden	228-234
GR	Greece	96-98	CH	Switzerland	236-241
HU	Hungary	100-105	TR	Turkey	242-245
IS	Iceland	106-117	UK	United Kingdom	246-255
IL	Israel	118-124			
IT	Italy	126-135			
LT	Lithuania	136-143			
MT	Malta	144-146			

General Results

GDP per country

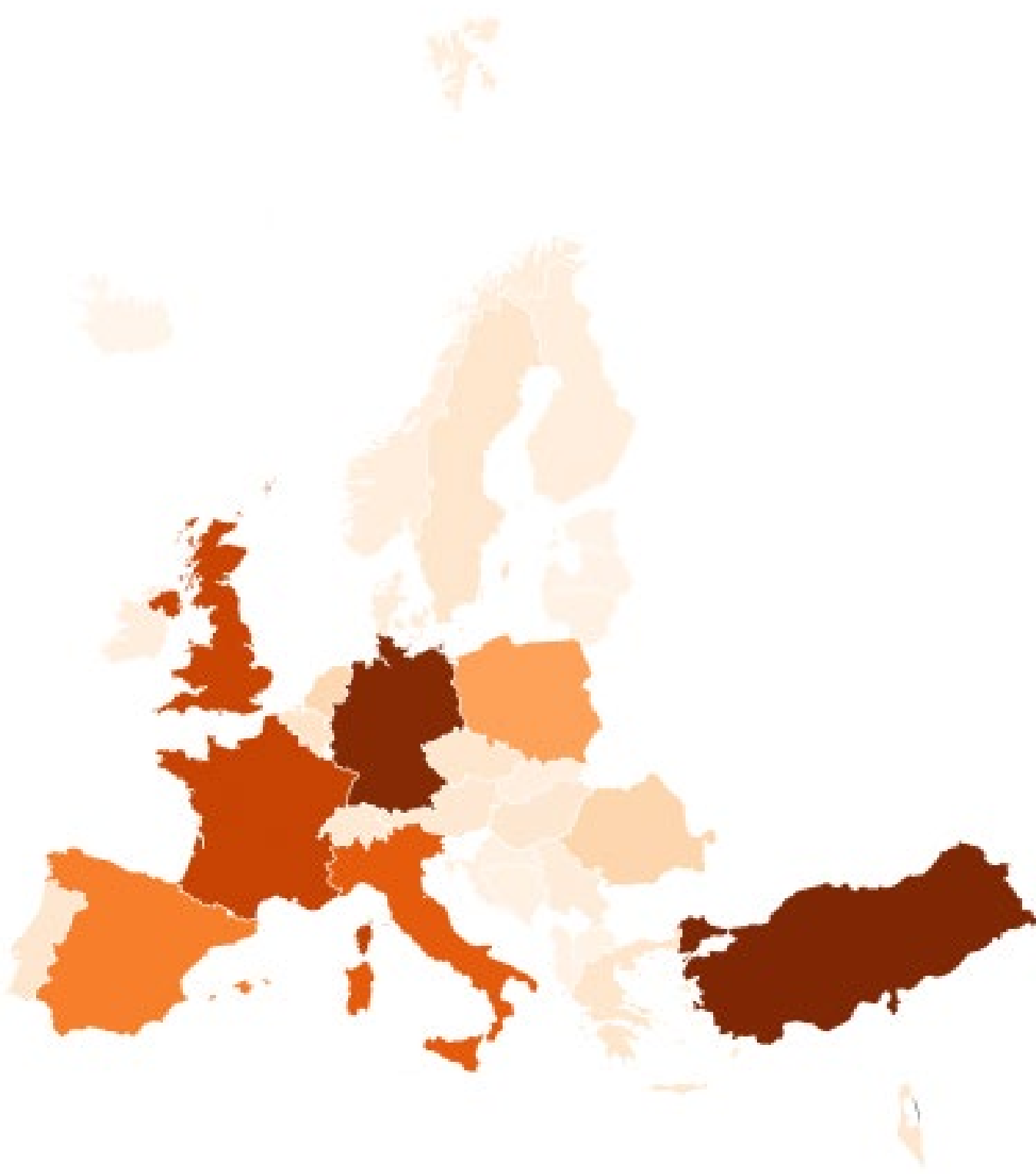
26,382 5,309,606



2022 data by the WorldBank Database
* the graph is clickable for further interaction

Population per country

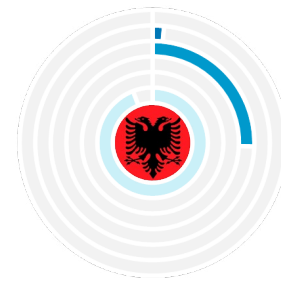
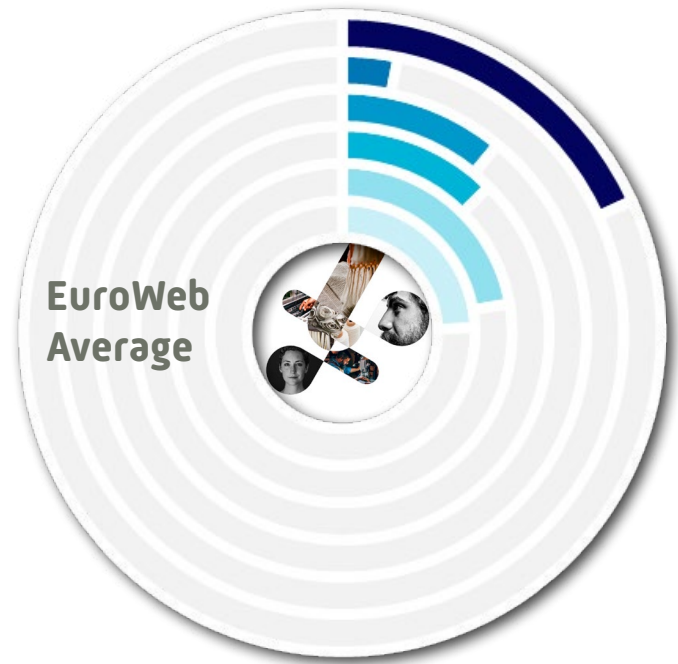
384,303 85,816,199



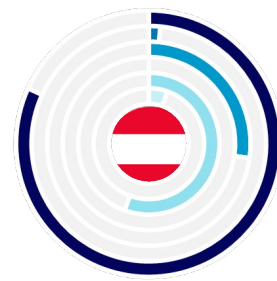
2023 data by the WorldBank Database
* the graph is clickable for further interaction

The industry, design and business sector

- N° of jobs in the industry / population
- N° of major textile companies
- R&D initiatives
- Annual expenditure on clothing
- Fairs & Fashion weeks
- Textiles, dress & fashion education institutions



Albania



Austria



Ireland



Israel



Italy



Latvia



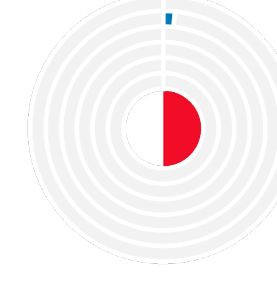
Belgium



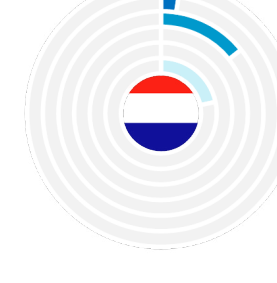
Bosnia & Herzegovina



Lithuania



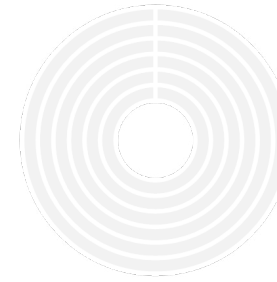
Malta



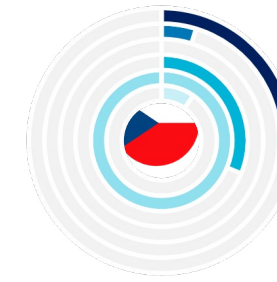
Netherlands



North Macedonia



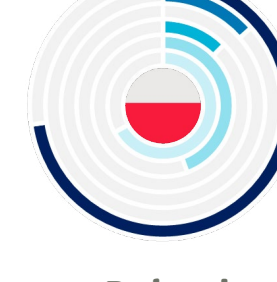
Croatia



Czechia



Norway



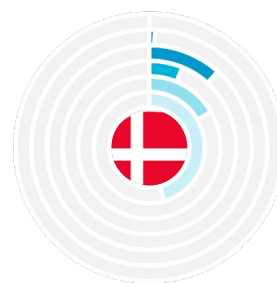
Poland



Portugal



Romania



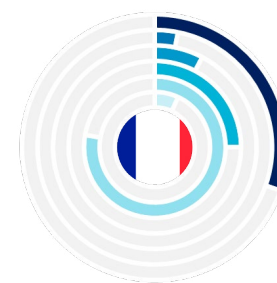
Denmark



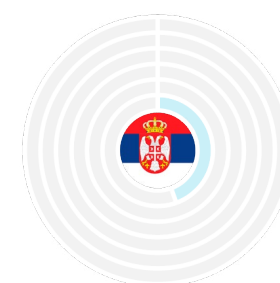
Estonia



Finland



France



Serbia



Slovak Republic



Spain



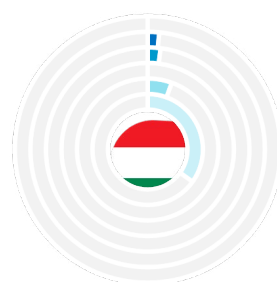
Sweden



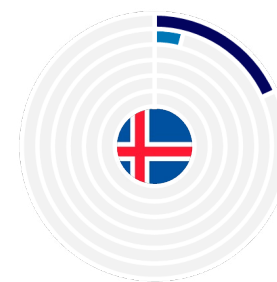
Germany



Greece



Hungary



Iceland



Switzerland



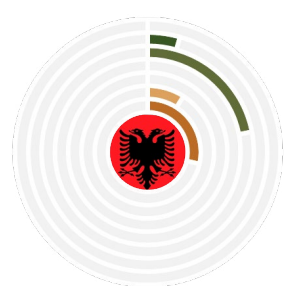
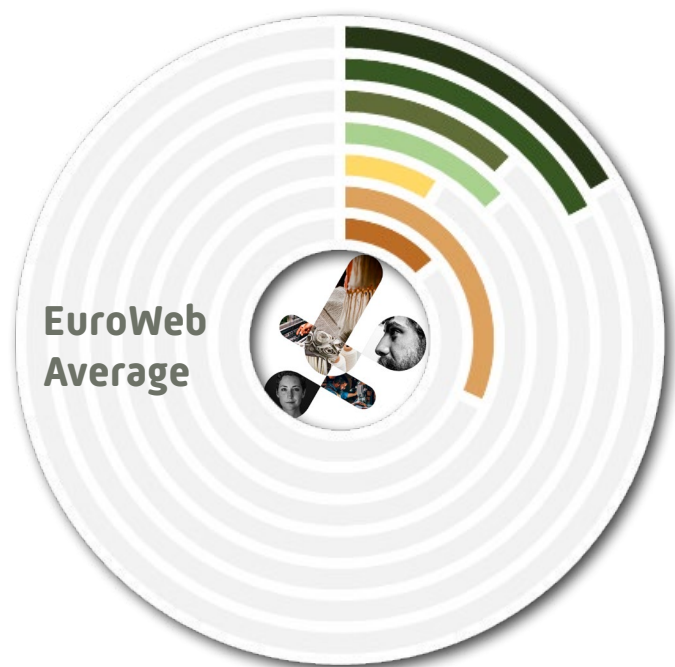
Turkey



United Kingdom

Cultural heritage of textiles

- UNESCO textile heritage
- Research clusters
- Education in textile conservation
- Education in textile history & archaeology
- Major museums with textile collections
- Textile collections
- Major exhibitions



Albania



Austria



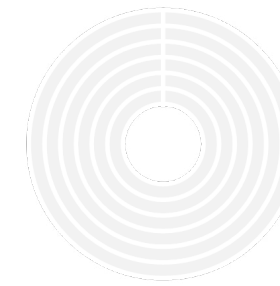
Ireland



Israel



Italy



Latvia



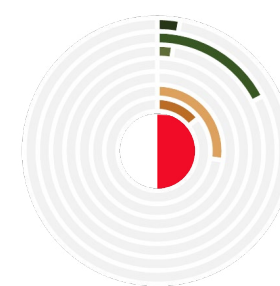
Belgium



**Bosnia &
Herzegovina**



Lithuania



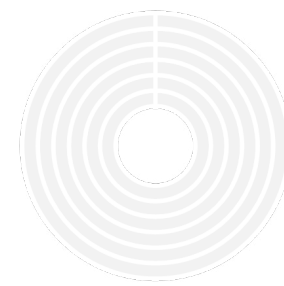
Malta



Netherlands



**North
Macedonia**



Croatia



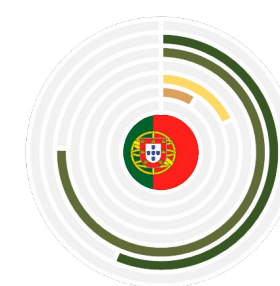
Czechia



Norway



Poland



Portugal



Romania



Denmark



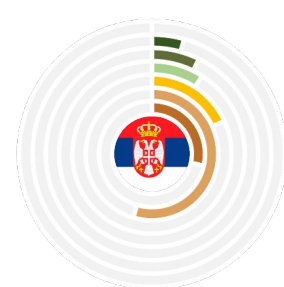
Estonia



Finland



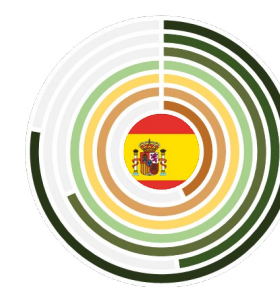
France



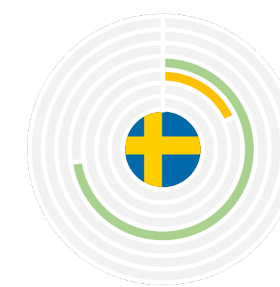
Serbia



**Slovak
Republic**



Spain



Sweden



Germany



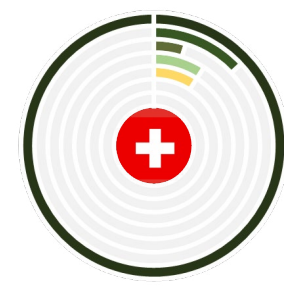
Greece



Hungary



Iceland



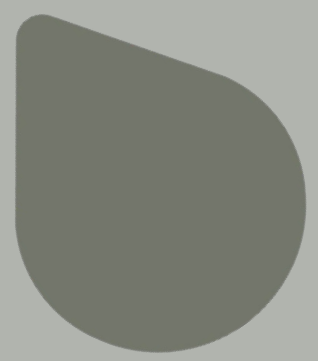
Switzerland



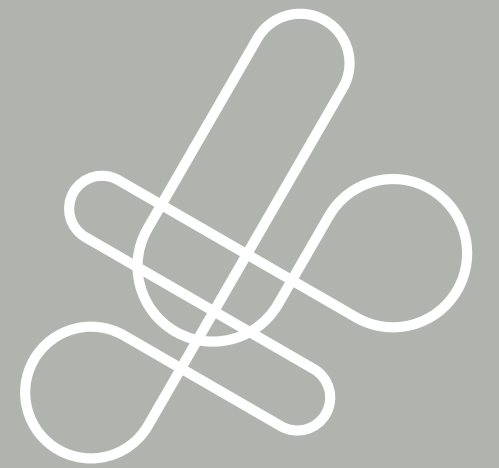
Turkey



United Kingdom



**NATIONAL SURVEY
PER COUNTRY**



euroweb

European | Textile | Network

COMPILED BY:

Etleva Demollari & Erilda Selaj



Albania

POPULATION 2 766 215 [2023]**SIZE** 28 748 km²**GDP** \$ 51 billion [2022]**THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR****Textile and clothing sector as part of GDP (in numbers and in percentage)**

n.a.

Number of jobs in the sector

57 330 [1]

Characteristics of the sectors: production/design/retail

Before 1990, the Albanian textile and clothing industry was the main branch of the light industry and was considered an important sector of the country's economy. About 68% of employees in this sector were women. Primarily, it was focused on the production of wool, silk and cotton, as well as on the processing of natural, man-made and synthetic fibers to produce fabrics, cloths, knitwear, thread and other items.

After 1990, the production model has changed along with the production methodology and technology. In the period 1998-2008, what is known today as the "Façon" industry was born and developed rapidly. During this period, Albanian producers operated, initially, with neighboring countries Italy and Greece, for the performance of one or several work processes. During the last decade, thanks to the experience created over the years and investment in technology, the textile industry has expanded the map of cooperating countries, increased the volume of contracts and is now oriented towards closed cycle production.

Currently, the clothing and textile industry in Albania operates with three types of companies:

companies that produce and export their entire product (77%); companies that partially produce and export the product (18%); companies that produce for the domestic market (5%).

The ownership structure of companies in the textile sector is 79.5% Albanian, 16.5% co-ownership and 3.5% foreign.

Annual expenditure on clothing/citizen in 2019

138 € [2]

Fairs, fashion weeks, with the number of visitors

Albania Fashion week
International Fair on Textiles and Leather
Fashion and Lifestyle, Tirana

Major companies in the sector (with more than 500 employees)

Naber Konfeksion, Durrës – 750 employees [3]
Albaco Shoes – 2000 employees
Center Shqiptare shpk – 725 employees [4]
Marlotex, Berat – 250 employees [5]
Ola1 – 139 employees [6]

R&D initiatives

R&D initiatives in sustainable fibres, dyes, techniques etc

Major textile, dress and fashion education institutions

Universiteti Politeknik i Tiranës [Politecnical University of Tirana] - Textile And Fashion Engineering

Universiteti Europian I Tiranës [European University of Tirana] – Applied Design and Fashion
Agjencia Kombëtare e Arsimit, Formimit Profesional dhe Kualifikimeve National Agency of Vocational Education Training and Qualifications [NAVETQ]

University of Arts, Tirana
Department of Textile and Confections, University of Tirana
Instituti i Edukimit, Trashegimise dhe Turizmit
Albanian Craftsman Education
Tirana Fashion Academy
Instituti i Modes Burgo
Albanian Design Academy
Akademia per Art, Teknologji dhe Dizajn
ATC Instituti Profesional

National tangible or intangible UNESCO cultural heritage related to textiles

Xhubleta- Inscribed in 2022 (17.COM) on the List of Intangible Cultural Heritage in Need of Urgent Safeguarding

Xhubleta is a handcrafted garment worn by highland women and girls in Northern Albania, characterised by its undulating bell form.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Akademia e Studimeve Albanologjike -The Institute of Cultural Anthropology and Art Studies (IAKSA) is one of the research institutes, an integral part of the Academy of Albanian Studies in Albania. IAKSA consists of: Department of Ethnology, Department of Folklore and Department of Art.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Ethnographic Museum of Kruja

Ethnographic Museum of Elbasan

Ethnographic Museum of Berat

Ethnographic Museum of Kavaje

Ethnographic Museum of Kukës

Ethnographic Museum of Durrës

Ethnographic Museum of Vlorë

Ethnographic Museum of Gjirokastra

History Museum Shkoder

Major museum/archive collections of textiles/costumes

National History Museum

- [1] https://www.aida.gov.al/images//PDF/broshura_-_tekstile.pdf
- [2] Revista Monitor <https://www.monitor.al/edhe-ne-pandemi-shqiptaret-i-rriten-shpenzimet-per-veshje-e-kepuce-te-vetmit-ne-europe/>
- [3] <https://nabermode.de/ueber-naber>
- [4] Revista Monitor <https://www.monitor.al/100-punedhenesit-te-medhenj-3/>
- [5] <https://www.marlotex.com/a-propos/?lang=sq>
- [6] <https://opencorporates.al/documents/bilanci/1639823826OLA%201%20SH.P.K-%20PF%202018%20Shenimet%20Shpjeguese.pdf>
- [7] https://www.aida.gov.al/images//PDF/broshura_-_tekstile.pdf <https://www.fim.edu.al/fim/departamenti-i-tekstilit-dhe-modes>





Figure 4.
Image credits: Revista Monitor, AIDA, Departamenti I Tekstilit dhe Modes UPT, Anila Zajmi



Figure 5.
Image credits: Revista Monitor, AIDA, Departamenti I Tekstilit dhe Modes UPT, Anila Zajmi

COMPILED BY:

Karina Grömer

POPULATION 9 056 214 (2023)**SIZE** 83 879 km²**GDP** \$ 614 billion (2022)**Austria****THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR****Textile and clothing sector as part of GDP (in numbers and in percentage)**

Total sales (2019): 2.409M €

Exports (2019): 1.712 €

Number of jobs in the sector

10.793 Jobs - data from 2019

Characteristics of the sectors: production/design/retail

yarns, fabrics and refined products
 home textiles: specialists for property furnishings
 technical textiles
 (1)

Textile production companies with over 250 employees

Andritz Fabrics and Rolls (technical textiles)
 Antolin Ebergassing (car interiors)
 Eybl Austria (vehicle interiors)
 Getzner Textil (technical textiles, African damask clothing, shirting fabrics, vehicle interiors)
 Huber Tricot (underwear)
 Lenzing (viscose fibres)
 Linz Textil (yarn, raw fabric, cotton, viscose)
 Lohmann & Rauscher (bandages, operation sets)
 Teufelberger (ropes)
 Wolford (underwear, womens's clothing)

R&D initiatives

Predominant topics are security, transport, weight reduction by creating lighter textiles, nano-technology or new composite materials (2)

Sales of fabrics (2019)

Silk: 30.5M €
 Wool: 100.8M €
 Cotton: 293.8M €
 Synthetic fibre: 64.5M €

Fashion Companies (Modehäuser)

Rettl
 Gössl
 Loden-Plankl
 Palmers
 Jones

Companies with textile production

LinzTextil
 Getzner
 Leinenweberei Vieböck
 Manufaktur Haslach
 Kitzmüller
 M. Maurer

Monthly expenditure on clothing/household in 2014/15

147 € (3)

Fairs, fashion weeks, with the number of visitors

MQ Vienna Fashion Week - Over 10,000 visitors in 2019
 Vienna Fashion Festival

Major textile, dress and fashion education institutions

Höhere Technische Bundeslehr- und Versuchsanstalt Spengergasse – Fachbereich Textil
 Spengergasse 20, 1050 Vienna
 Modeschule Hetzendorf. Hetzendorfer Straße 79, 1120 Vienna
 Fashion and Art School Herbststrasse. Herbststraße 104, 1160 Vienna
 Modeschule Michelbeuern. Michelbeuerngasse 12, 1090 Wien
 Die Angewandte: Textiles Gestalten, Moden und Styles. Oskar Kokoschka-Platz 2, 1010 Vienna
 Kunstuniversität Linz: Textil Kunst Design, Fashion & Technology, Technik. Textil. Hauptplatz 6, 4020 Linz
 Akademie der Bildenden Künste Wien: Moden und Styles, Textiles und Technisches Werken.
 Karl-Schweighofer-Gasse 3, 1070 Vienna
 Universität Innsbruck: Technisches und Textiles Werken. Pastorstr. 7, 6020 Innsbruck
 Uni Mozarteum Salzburg: Textiles Gestalten. 12 graduates in 2019/2020. Mirabellplatz 1, 5020 Salzburg
 Uni Salzburg: Textiles Gestalten. Kapitelplatz 5, 5020 Salzburg
 Pädagogische Hochschule Graz: Textiles Gestalten. Theodor-Körner-Straße 38, 8010 Graz
 Höhere Lehranstalt für Mode Krems. Kasernstraße 6, 3500 Krems an der Donau
 Modeschule Ebensee. Pestalozziplatz 4, 4802 Ebensee

Modeschule Graz. Ortweinplatz 1, 8010 Graz
 Modeschule Hallein. Dr.-Franz-Ferchl-Straße 7, 5400 Hallein
 Höhere Bundeslehranstalt für Mode – Ferrarischule. Weinhartstraße 4, 6020 Innsbruck
 Höhere Bundeslehranstalt für Mode – Klagenfurt. Fromillerstraße 15, 9020 Klagenfurt
 Höhere Bundeslehranstalt für Mode – Lentia. Blütenstraße 23, 4040 Linz
 Höhere Bundeslehranstalt für Mode – Mödling. Josef-Hyrtl-Platz 3, 2340 Mödling
 Höhere Bundeslehranstalt für Mode – Oberwart. Badgasse 5, 7400 Oberwart
 Höhere Bundeslehranstalt für Mode Salzburg – Annahof. Guggenmoosstraße 44, 5020 Salzburg
 Centrum Humanberuflicher Schulen – Höhere Bundeslehranstalt für Mode, Design und Grafik. Richard-Wagner-Straße 8, 9500 Villach
 Städtische Höhere Lehranstalt für Mode Wiener Neustadt. Schneeberggasse 26, 2700 Wr. Neustadt
 Höhere Lehranstalt für Mode Dornbirn. Höchsterstraße 73, 6851 Dornbirn

Number of graduates from design schools and vocational training in textile crafts

Number of students in textile schools in 2019/2020: 660
 Apprentices in the textile industry (2019): 78 (4)

Modeschule Hetzendorf: 3 graduates in 2020
 Modeschule Michelbeuern: around 90 annual graduates
 Die Angewandte: Textiles Gestalten, Moden und Styles: 97 Students in 2015/2016
 Kunstuniversität Linz: Textil Kunst Design, Fashion & Technology, Technik. Textil: 27 graduates in 2019/2020
 Uni Mozarteum Salzburg: Textiles Gestalten: 12 graduates in 2019/2020
 Höhere Bundeslehranstalt für Mode Salzburg – Annahof: 14 graduates in 2019/2020
 Höhere Lehranstalt für Mode Dornbirn: 241 Students in 2019/2020

National tangible or intangible UNESCO cultural heritage related to textiles

Production and use of the Linzer Goldhaube
 Handblaudruck in the Mühlviertel
 Lace-making in Salzburg
 Basketweaving
 Bodensee Radhaube
 Indigo Handblaudruck in Burgenland

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

University Innsbruck, Department of Archaeologies: Working group for clothes and textile techniques (ABT). Focus: history of clothes and textile technology from prehistory to modernity
 Vienna, Natural History Museum

Education in textile conservation

Die Angewandte: Textiles Conservation. Oskar Kokoschka-Platz 2, 1010 Vienna

Education in textile history, textile archaeology or fashion history

University Vienna (some courses)
 University Graz (some courses)
 Art University Graz (some courses)

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Vienna, MAK (Museum of Applied Arts)
 Vienna, Austrian Museum of Folk Life (Volkskundemuseum)
 Vienna, Wien Museum
 Vienna, Theatre Museum
 Linz, Schlossmuseum
 Vienna, Hofburg Schatzkammer
 Haslach, Weaving Museum
 Gutau, Färbermuseum
 Groß-Siegharts, Living Textile Museum
 Weitra, Museum Alte Textilfabrik
 Waidhofen/Thaya, Weaving Museum
 Haid, Textile Printing Museum Mittelweiherburg
 Wolfers, Hat and Fashion Museum

Major museum/archive collections of textiles/costumes | See also previous point

Vienna, MAK (Museum of Applied Arts), Textiles and Carpets Collection
Vienna, Austrian Museum of Folk Life (Volkskundemuseum), Collection of Clothes and Textiles
Vienna, Wien Museum, Fashion collection
Vienna, Theatre Museum, Costume collection
Linz, Schlossmuseum, Collection of Folklore and Everyday Culture

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/visitors and income generation

Mode schauen. Fürstliche Garderobe vom 16. bis 18. Jahrhundert. Schloss Ambras Innsbruck, 2021
Richtig guter Stoff – Gewebe und gestickte Geschichten. Museum der Völker, Schwaz, 2019/2020
ZARTES BUNT - Gewebe von Susanne Heindl. Textiles Zentrum Haslach, Haslach 2020
Die Europäische Quilt Triennale zu Gast im Textilien Zentrum Haslach. Textiles Zentrum Haslach, Haslach, 2019
Sehnsucht nach Textilistan - Reise durch die Sammlung Aichhorn. Textiles Zentrum Haslach, Haslach, 2018
Next generation please: Fashion & Technology. Textiles Zentrum Haslach, Haslach, 2017/2018
BLEICHZEIT. Textiles Zentrum Haslach, Haslach, 2017
TEXTILE EXPERIENCE. Textiles Zentrum Haslach, Haslach, 2016/2017
ZICKZACK UND GRADAUS - eine gute Nähtgeschichte. Textiles Zentrum Haslach, Haslach, 2015/2016

REFERENCES

- [1] www.textilindustrie.at/en/the-textile-industry/range-of-products
- [2] <http://www.textilindustrie.at/en/the-textile-industry/concept>
- [3] statistik.at
- [4] www.textilindustrie.at/p2/Homepage/BGT_Factsheet_1HJ2020.pdf

COMPILED BY:

Judith Goris & Sanne Van Bellingen

POPULATION 11 698 079 (2023)**SIZE** 30 689 km²**GDP** \$ 758 billion (2022)

Belgium

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR**Textile and clothing sector as part of GDP (in numbers and in percentage)**

Belgian textile and clothing sector in 2019: € 4 640.1 million which is 0,98% of GDP
 This turnover of € 4 640.1 million consist of € 3 967.8 million from textile industry (0,84% of GDP) and € 672.4 million from clothing industry (0,14% of GDP) [23]

Number of jobs in the sector

Employment in textile and clothing industry in 2019: 20.953 jobs [23]

Characteristics of the sectors: production/design/retail

The textile sector consists of:
 Textile industry – production of interior textiles, technical textiles, clothing textiles, textile finishing, yarn [18]
 Clothing industry

Main sector federations:
 Fedustria.be (textile industry) and Creamode.be (clothing and fashion), centre of expertise: Centexbel.be

Annual expenditure on clothing/citizen

2019: about € 1 472 per household [2]

Fairs, fashion weeks, with the number of visitors

International Fashion Week BE
 Belgian Fashion Week
 Antwerp Fashion week
 Brussels fashion week
 Brussels fashion days
 Fair Fashion Fest

Major companies in the sector (with more than 500 employees)

Umicore (material design)
 Utextel (spinning, weaving, dyeing)
 Picanol (a.o. looms)
 Ontex (technical textiles)

R&D initiatives in sustainable fibres, dyes, techniques etc.

Projects Centexbel: TEX2CE, COLECOTEX, Multi2Recycle, ReCarboSize, and more [20]
 Projects UGent – centre for textile science and engineering: REACT (recycling of Waste Acrylic Textiles) + many finished projects (see website) [21]
 MVO Vlaanderen (Flemish government – knowledge centre for sustainable entrepreneurship): EU Sustainable Textiles Strategy [35]

Major textile, dress and fashion education institutions

Secondary school: 'Textile techniques' and 'Design and prototyping' (technical secondary school), 'Textile' and 'specialisation textile operator' (vocational secondary school) [22]
 HoGent: Professional Bachelor textile technology [22]
 Ghent University: Master of Science in Sustainable Materials Engineering , European Master Programme in Textile Engineering, Bachelor of Engineering, Chemical Technology and Materials Science [6]
 Textile Design: Luca School of Arts Ghent [11], KASK (School of arts Gent – HoGent) [12], Académie Royale des beaux-arts de Bruxelles [13], La Cambre Brussels [24]
 Fashion Design: Royal Academy of Fine Arts Antwerp [5], KASK (School of arts Gent – HoGent) [12], La Cambre Brussels [24]
 International Fashion Management: Antwerp Management School [25]
 Employee trainings: VDAB and Cobot/Cefret [22]
 Adult education: several high quality craft courses (handweaving, lacemaking, ...): CVO Gent [26], Kant in Vlaanderen [27], Textielacademie Antwerpen [28], Kantcentrum Brugge [33]

National tangible or intangible UNESCO cultural heritage related to textiles

No UNESCO sites directly related to textiles.

Only sites related to textiles, as keepers/conservers of valuable textile heritage:

Flemish Béguinages

Historic Centre of Brugge

Notre-Dame Cathedral in Tournai

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

University of Ghent (Centre for Textile Science and engineering) [6]

University of Antwerp (study Conservation-Restoration) [7]

Royal Institute for Cultural Heritage (KIK-IRPA) [8]

KU Leuven [10]

Revers (Belgian Fashion Research Network, Ghent University) [29]

ETWIE (Center of Expertise on industrial, technical and scientific heritage in Flanders, based in the Museum of Industry in Ghent) [30]

PARCUM (Museum and Center of Expertise on religious art, culture and heritage) [31]

MoMu Antwerp/KU Leuven/University of Antwerp/Erasmus University Rotterdam [32]

Education in textile conservation

University of Antwerp: bachelor and master of Conservation-Restoration [7]

Academy of fine Arts Anderlecht: art craft of textiles [9]

Education in textile history or textile archaeology

Lectures of the programmes of Archaeology and Art Sciences (KUL: Costume and Fashion, Applied Arts and design)

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Flanders [15] [16]

Museums participating in Flanders Textile Heritage Network:

Industriemuseum, Gent

Design Museum Gent

MAS, Antwerpen

MoMu, Antwerpen

Modemuseum Hasselt

MUST Ronse

Texture, Kortrijk

Openluchtmuseum Bokrijk

Stadsmuseum Lokeren

SteM Sint-Niklaas

Parcum

Mudel Deinze

Other museums in Flanders with textile cultural heritage, less prominent:

Museum M Leuven, Africamuseum Tervuren, Stadsmuseum Lier, Museum De Mindere Sint-Truiden, Huis van Alijn Gent, STAM Gent, MOT Grimbergen, Musea Ieper, Bakkerijmuseum Veurne, MOU Oudenaarde, Eperon d'Or Izegem, Red Star Line Museum Antwerp, Speelgoedmuseum Mechelen, Musea Brugge, Musea Maaseik

Brussels

Art and History Museum, Brussels

Fashion and Lace museum Brussels

Royal Museum of the Armed Forces and Military History, Brussels

La Fonderie, Brussels

Wallonia [17]

Musée de la Tapisserie (TAMAT), Doornik

CRECIT, Ateliers Tournaisiens de Tapisserie

Musée de la rubanerie, Comines

Musée international du Carnaval et du Masque, Binche

Animalaine, Bastogne

Le Fuseau, Lace centre, Binche

Musée de la lessive, Spa

Musée du cuir et des industries, Péruwelz

Aqualaine, Centre touristique de la laine et de la mode, Verviers

Major museum/archive collections of textiles/costumes | See also previous point

Headquarters-Katoennatie Antwerp

Shoes or no shoes Kruishoutem

Manufacture De Wit Mechelen

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation | See also previous points

Permanent exhibition : 100% textiel, Industriemuseum Gent

2017: Rechts / Averechts, Design Museum Gent

2019: Lace is More, The phoebus Foundation

2021: P.LACE.S - Looking through Antwerp Lace, MoMu Antwerp

2021: Habiller la culte, The splendour of the liturgical textile of Tournai Cathedral

* information on ticket sales and income generation not publicly available

- [1] <https://statbel.fgov.be/nl/themas/bevolking/structuur-van-de-bevolking>
- [2] https://statbel.fgov.be/sites/default/files/files/documents/NL_kerncijfers_2020.pdf
- https://statbel.fgov.be/sites/default/files/images/in%20de%20kijker/kerncijfers_2019_r.pdf
- [3] <https://whc.unesco.org/en/statesparties/be/>
- [4] <https://www.unesco-vlaanderen.be/unesco-in-vlaanderen/immaterieel-cultureel-erfgoed>
- [5] <https://ap-arts.be/en/education/fashion>
- [6] <https://www.ugent.be/ea/match/textiles/en>
- [7] <https://www.uantwerpen.be/en/study/programmes/all-programmes/conservation-restoration-programmes/>
- Research group: <https://www.uantwerpen.be/en/research-groups/arches/>
- [8] <https://www.kikirpa.be/nl/onderzoek-en-praktijk>
- [9] <https://academieanderlecht.be/kunstambacht-restauratie-conservatie/ka-textiel/>
- [10] <https://www.arts.kuleuven.be/english/our-staff/zap/koenraadbroens> en <https://www.arts.kuleuven.be/english/our-staff/zap/barbarabaert>
- [11] <https://www.luca-arts.be/nl/textielontwerp-campus-gent-sint-lucas-0>
- [12] <https://schoolofartsgent.be/en/onderwijs/toelatings-en-oriënteringsproeven/academische-bachelor/textielontwerp/>
- [13] <https://arba-esa.be/fr/formations/formations/bac-et-master/design-textile>
- [14] <https://www.fedustria.be/over-fedustria/cijfers/kerncijfers>
- [15] <https://etwie.be/nl/themanetwerken/themanetwerk-textielerfgoed>
- [16] <https://erfgoedkaart.be/>
- [17] <https://walloniebelgietoerisme.be/>
- [18] <https://www.fedustria.be/textiel-hout-meubel-industrie/textielindustrie/interieurtextiel>
- [19] [https://economie.fgov.be/nl/publicaties/verslag-over-de-economische-14#:~:text=Kledingindustrie%20\(C14\),en%20van%20het%20aantal%20werkgevers.](https://economie.fgov.be/nl/publicaties/verslag-over-de-economische-14#:~:text=Kledingindustrie%20(C14),en%20van%20het%20aantal%20werkgevers.)
- [20] <https://www.centexbel.be/nl/projecten>
- [21] <https://www.ugent.be/ea/match/textiles/en/research#Projects>
- [22] <https://wildvantextiel.be/studeren-overzicht/>
- [23] Verslag over de economische conjunctuur in de textiel- en kledingindustrie - januari 2021 | FOD Economie [fgov.be]
- [24] <https://www.lacambre.be/en>
- [25] <https://www.antwerpmanagementschool.be/en/program/master-fashion-management>
- [26] <https://cvo.gent/opleidingen/ambachten-mode>
- [27] <https://www.kantinvlaanderen.be/opleidingen-en-workshops>
- [28] <http://www.textielacademie.be/index.htm>
- [29] <https://reversbelgianfashionresearch.org/>
- [30] <https://etwie.be/nl/etwie-in-english>
- [31] <https://www.parcum.be/en/>
- [32] <https://www.momu.be/nl/magazine/pattern-a-thon>
- [33] <https://www.kantcentrum.eu/nl/cursussen-kantatelier>
- [34] <https://doek-vzw.com/projecten/>
- [35] <https://www.mvovlaanderen.be/inspiratie/wat-betekent-de-eu-sustainable-textiles-strategy-voor-jouw-modebedrijf>

COMPILED BY:

Belma Kapić

POPULATION 3 210 847 (2023)**SIZE** 51 129 km²**GDP** \$ 65 billion (2022)**THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR****Textile and clothing sector as part of GDP (in numbers and in percentage)**Manufacture of textiles: 100,053 km² | 0,28%Manufacture of clothing: 183,650 km² | 0,52%Manufacture of leather and related products: 239,794 km² | 0,68%**Number of jobs in the sector**

Manufacture of textiles: 5.209

Manufacture of clothing: 10.001

Manufacture of leather and related products: 8.549

Characteristics of the sectors: production/design/retail

The textiles, clothing and leather and related products manufacturing sector in Bosnia and Herzegovina has a long tradition, high quality products and services, good international reputation as a supplier and manufacturer, skilled workforce with low production costs, territorially well-positioned production capacity... These are some of the most important potentials that attract international companies and investors to our country. Proximity of Western and Eastern European markets gives enough space and opportunities to further expand and improve this significant industry.

Production is mainly based on "lohn" jobs for foreign partners with a very small share of production of own products. The textiles, clothing and leather and related products industry is import-dependent in terms of imports of raw materials that are mainly not produced in Bosnia and Herzegovina and production is organized in small (up to 50 employees) and medium enterprises (up to 200 employees) with a wide spatial dispersion of production capacity.

Of the total import to Bosnia and Herzegovina in 2019, which was 19 876.763,663 Km, the share of the textiles, clothing and leather and related products industry was 2 011.373,156 Km. In the same period, goods worth 11 869.563,316 Km were exported, of which 1 578.976,470 Km went to the mentioned industry [1].

The structure of textiles and clothing industry products has a wide range from: men's and women's heavy clothing, light clothing, sportswear and equipment, car upholstery, underwear, protective clothing and equipment, to medical and cooking programs, home and hotel textiles,

carpets, rugs and other products.

The structure of leather and related products industry includes all processes from: raw leather and wool processing (which requires a special process and treatment), men's, women's and children's clothing, haberdashery accessories, to men's, women's and children's footwear, everyday footwear, special footwear for various ceremonies, work, sports, protective footwear and other products.

Annual expenditure on clothing/citizen

Latest information about the annual expenditure on clothing/citizen is not found.

The Agency for Statistics of Bosnia and Herzegovina, in cooperation with the Entity Statistical Offices, is conducting the fifth Household Budget Survey in Bosnia and Herzegovina. Average monthly expenditure on clothing and footwear in 2015 was 72,78 KM or 4,8 % of total monthly expenditure/citizen [2,3]

Fairs, fashion weeks, with the number of visitors

Textile, Leather and Footwear Fair Timod EXPO

International textile, leather, clothing, footwear, fashion and accessories IFATEX

NIVEA BH Fashion Week Sarajevo

Informations about the number of visitors are not found

Major companies in the sector (with more than 500 employees)

Alma-Ras d.o.o., Olovo

KULA IMK d.o.o., Gradačac

Fortitudo d.o.o., Travnik

Borac Konfekcija d.d., Travnik

Sanino d.o.o., Derventa

R&D initiatives in sustainable fibres, dyes, techniques etc.

Informations about the R&D initiatives in sustainable fibres, dyes, techniques etc. are not found.

Major textile, dress and fashion education institutions

University of Bihać, Technical Faculty: Textile Department

University of Banja Luka, Faculty of Technology: Textile engineering Department

University of Travnik, Faculty of Technical Studies: Department for Textile Engineering and Design

Number of graduates from design schools and vocational training in textile crafts

Informations about the number of graduates from design schools and vocational training in textile crafts are not found.

National tangible or intangible UNESCO cultural heritage related to textiles

Zmijanje Embroidery

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

University of Bihać, Technical Faculty: Textile Department

University of Banja Luka, Faculty of Technology: Textile engineering Department

University of Travnik, Faculty of Technical Studies: Department for Textile Engineering and Design

University of Sarajevo, Academy of Fine Arts: Department of Product Design

Bosniak Institute

Education in textile conservation

University of Sarajevo, Academy of Fine Arts and Faculty of Natural Sciences and Mathematics Interdisciplinary Studies: Conservation and Restoration Department

Education in textile history or textile archaeology

University of Bihać, Technical Faculty: Textile Department, subject: History of Textiles and Clothing

University of Banja Luka, Faculty of Technology: Textile engineering Department, subject: Ethnology of Textiles and Clothing

University of Travnik, Faculty of Technical Studies: Department for Textile Engineering and Design, subject: History of Textiles and Clothing

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

National Museum of Bosnia and Herzegovina, Sarajevo

Major museum/archive collections of textiles/costumes | See also previous point

Museum of Sarajevo, Sarajevo

Museum of Republic of Srpska, Banja Luka

Svrzo's House, Sarajevo

Native Museum of Travnik, Travnik

Native Museum of Visoko, Visoko

Native Museum of Konjic, Konjic

Regional Museum of Doboj, Doboj

Herzegovina Museum, Trebinje

Jovan Bijelić Memorial Museum, Bosanski Petrovac

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Naïla Hodžić's exhibition *Vezene niti* at the Museum of Una-Sana Canton, Bihać, 2022

IOM's presentation of a migrant-made fashion brand project *No Nation Fashion* in Sarajevo City Hall, Sarajevo, 2021

Šejla Kamerić's exhibition *Hooked*, Unified League of Anti-Fascist Youth of Yugoslavia Centre, Bihać; Željezara Hall, Zenica and Mirza Delibašić Hall, Sarajevo, 2021

IMAGINARIUM Studio's introduction of *ZMIJANJE.design* fashion project at the Citadela plateau, Banja Luka, 2020

The city gallery *COLLEGIUM ARTISTICUM* exhibitions, Sarajevo

Emina Husedžinović collection *Red*, 2022

Ljiljana Majkić collection *REDRESS*, 2021

Ljiljana Majkić collection *ARCHITOUCH*, 2020

Textile, Leather and Footwear Fair *Timod EXPO*, Travnik, 2019

Belma Tvico Stambol brand fashion show of collection *STRATA ss19* at the Botanical Garden of the National Museum, Sarajevo, 2018

Marko Feher brand presentation of collection *Yugoslavia*, 2018

Bosnian Family Association and Bosfam exhibition *Bosnian Tradition, Beauty and Work: Carpets and Women* at the Museum of Literature and Theater Arts of BiH, Tuzla, 2018

Exhibition *Bosnian rugs* from the collections of the National Museum of Bosnia and Herzegovina at the municipality *New Town*, Sarajevo, 2018

* information on ticket sales and income generation not publicly available

- [1] https://bhas.gov.ba/data/Publikacije/Bilteni/2020/ETR_00_2019_TB_0_BS.pdf
 [2] <https://bhas.gov.ba/News/Read/44>
 [3] <http://fzs.ba/index.php/anketa-o-potrosnji-domacinstavakucanstava-apd/>



Figure 1. Šejla Kamerić's exhibition *Hooked* was a pop-up intervention in deserted, forgotten spaces of a better past that included 14 black and white crocheted works of large dimensions. The exhibition first came to life in 2021 at the House of the United Alliance of Anti-Fascist Youth of Yugoslavia (USAOJ) in Bihać where this photo was shot by KRAK Center for Contemporary Culture.



Figure 2. Marko Feher, a fashion designer from Bosnia and Herzegovina who currently studies at Central Saint Martins, presented his collection *YUGOSLAVIA* in 2018. The editorial was shot by photographer Edvin Kalić and with the model Iris Bijedić at Tjentište monument.



Figure 3. Zmijanje embroidery is a technique used by women in the village of Zmijanje, near Banja Luka, to decorate women's garments and household items (wedding gowns, shawls, dresses, bedding). In 2014, as one of the most distinct styles of embroidery in the region, it entered UNESCO's Representative List of the Intangible Cultural Heritage of Humanity, the first item from Bosnia and Herzegovina included on the list. As part of the jubilee 50th Kočić's Choir the exhibition Zmijanje Embroidery – World Cultural Heritage was organized in the National Assembly of Republic of Srpska.



Figure 5. Fragments of archeological textiles, found at the Kopošiči necropolis near Ilijaš, presumed to be the funeral mantle of Prince Mirko Radojević. The fragments of the mantle are extremely well preserved and represent the largest find of a medieval canvas in the archaeological context of Bosnia and Herzegovina and part of permanent exhibition at the Department of the Middle Ages in National Museum of Bosnia and Herzegovina.



Figure 4. Six fragments of carpets from the 17th century were presented at the National Museum exhibition Sarajevo Fragments of Safavid Carpets. The exhibition was organized on the occasion of the 130th Anniversary of the National Museum of Bosnia and Herzegovina. The largest fragment (7 x 3,65 m) dates to 1637 (H 1047), based on the chronogram on the edge of the carpet. The name of the master artisan signed on the carpet is Ustad Mu'min ibn Qutb al-Din Mahani.

COMPILED BY:

Helena Březinová & Adnan Mazari

POPULATION 10 534 469 (2023)**SIZE** 78 871 km²**GDP** \$ 525 billion (2022)

Czechia

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR**Textile and clothing sector as part of GDP (in numbers and in percentage)**

GDP: % of Manufacturing: Textiles and Clothing data was reported at 2.260 % in 2019. This records an increase from the previous number of 2.252 % for 2018; with a total export of around 2 billion USD.

Number of jobs in the sector

The number of employees in the textile manufacturing industry in Czechia dropped to 22 432 employees in 2019. Therefore, the number of employees in Czechia saw its lowest number in that year with 22 432 employees.

Characteristics of the sectors: production/design/retail

Majority of the companies work in retail where few industries are related to production in the country. The number of enterprises in the textile manufacturing industry in Czechia decreased to 2,144 enterprises since the previous year. Therefore, 2020 marks the lowest number of enterprises in this industry during the observed period.

Annual expenditure on clothing/citizen

Spending on clothing in Czechia has increased annually, reaching almost 72 billion CZK in 2019. However, spending had a significant decline in 2020 and dropped to about 60 billion CZK.

Fairs, fashion weeks, with the number of visitors

Mercedes-Benz Prague Fashion Week
Czech Fashion Week
Prague Design Week
Czechoslovak Fashion Week

Styl-Kabo
Zlín Design Week

Major companies in the sector (with more than 500 employees)

SINTEX, Inc.
Polytex s.r.o.
Toray Textiles Central Europe Ltd.
Schoeller Křešice Ltd.
Fibertex Nonwovens, Inc.
Classic Cotton, spol. s r.o.
ADLER Czech, Inc.
STERKH sro
Borgstena Textile Czech Republic s.r.o.
TRIGI s.r.o. STAP Inc.(technické tkaniny a technická konfekce)

DEKORA - Hansel Inc.
AZPO Group s.r.o.
JERSEY53 CZ (ELSA'S TEXTILE s.r.o.)
Mosilana, Inc.Ecotextil, s.r.o.
Adient
CLUTEX
CLINITEX s.r.o
SINTEX, a.s.

R&D initiatives in sustainable fibres, dyes, techniques etc.

In addition to developing its own research and development capacity, TOP CR businesses also have the opportunity to directly collaborate on specific projects with research organizations, namely colleges, institutes of the Czech Academy of Sciences and research institutions, where research and development are key activities building upon experienced and qualified researchers and developers, who often actively embrace the commercialization of results of their scientific work.

CLUTEX
CTPT
Faculty of Textile Engineering, Technical University Liberec (<http://www.ft.tul.cz>)
VUTS

Major textile, dress and fashion education institutions

Faculty of Textile Engineering, Technical University Liberec
Academy of Arts, Architecture and Design in Prague
Department of Art, Visual Culture and Textile Studies, Faculty of Education, University of Hradec Králové
Faculty of Art and Design at Jan Evangelista Purkyně University in Ústí nad Labem
Faculty of Multimedia Communications, Tomas Bata University in Zlín
Ladislav Sutnar Faculty of Design and Art, University of West Bohemia, Pilsen
Secondary school of Art and Design, Higher Professional School Brno
Vyšší odborná škola textilních řemesel, Střední umělecká škola textilních řemesel, Prague
Vyšší odborná škola oděvního návrhářství, Střední průmyslová škola oděvní, Prague

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

Blaudruck/Modrotisk/Kékfestés/Modrotlač, resist block printing and indigo dyeing in Europe [Decision of the Intergovernmental Committee: 13.COM 10.B.2 - intangible heritage - Culture Sector - UNESCO]

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Institute of Archaeology of the Czech Academy of Science, Prague
 Department of Chemical Technology of Monument Conservation, University of chemistry and technology, Prague
 Faculty of Textile Engineering, Technical University Liberec
 Academy of Arts, Architecture and Design in Prague
 National museum

Education in textile conservation

Department of Chemical Technology of Monument Conservation, University of chemistry and technology, Prague
 Vyšší odborná škola textilních řemesel, Střední umělecká škola textilních řemesel, Prague

Education in textile history or textile archaeology

Department of Archaeology, Faculty of Arts, Charles University, Prague
 Department of Archaeology and Museology, Faculty of Arts, Masaryk University, Brno
 Invited lectures from textile specialists on selected topics on textile archaeology at:
 University of West Bohemia (Pilsen), Technical University Liberec, University of chemistry and technology (Prague)

Major museum/archive collections of textiles/costumes | See also previous point

National museum	Silesian Museum, Opava
The Museum of Decorative Arts in Prague	Prague Castle Administration, Prague
Jewish Museum in Prague	The Moravian gallery, Brno
Národní ústav lidové kultury, Strážnice	The Museum of Moravian Slovakia, Uherské Hradiště
Technical museum in Brno	Regional Museum in Olomouc
Lace museum, Vamberk	Moravian Museum, Brno
The North Bohemian Museum, Liberec	
The South Bohemian Museum, České Budějovice	
Moravian Tapestry Manufacture, Valašské Meziříčí	
National Open Air Museum	

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

From a thread to a shirt - Textile and Fashion of Prague Residents in the Middle Ages, Prague City Museum, 2017-2018
 Mad Silkman: Ziká & Lida Ascher, The Museum of Decorative Arts in Prague, 2019
 Hana Podolská, a Czech fashion legend, The Museum of Decorative Arts in Prague, 2018-2019
 Ornamenta episcopi, Olomouc Museum of Art, 2020
 Nettle, Muzeum Novojičínska, 2017
 Fashion in blue. Indigo in Japanese and Czech textiles then and now, The Museum of Decorative Arts in Prague, 2020-2021
 The Story of Prague Castle, Prague, permanent exhibition
 Woolen Elegance of the First Republic, Technical museum in Brno, 2020-2021
 Folk costume, Wallachian Open Air museum, Rožnov pod Radhoštěm, permanent exhibition

* information on ticket sales and income generation not publicly available

- [1] <https://www.czechfashiondesign.cz/>
 [2] <https://www.statista.com/statistics/426126/number-of-employees-in-the-textile-manufacturing-sector-czech-republic/>
 [3] http://www.atok.cz/folders/Czech_Textile_and_Clothing_Industry.pdf
 [4] <https://www.statista.com/statistics/369673/number-of-enterprises-in-the-manufacturing-of-textiles-sector-in-the-czech-republic/>





Figure 3. Research of archaeological textiles © Institute of Archaeology of the Czech Academy of Science, Prague



Figure 5. Exhibition of graduates Vyšší odborná škola oděvního návrhářství, Střední průmyslová škola oděvní, Prague © <http://www.vosonspso.cz/voson>

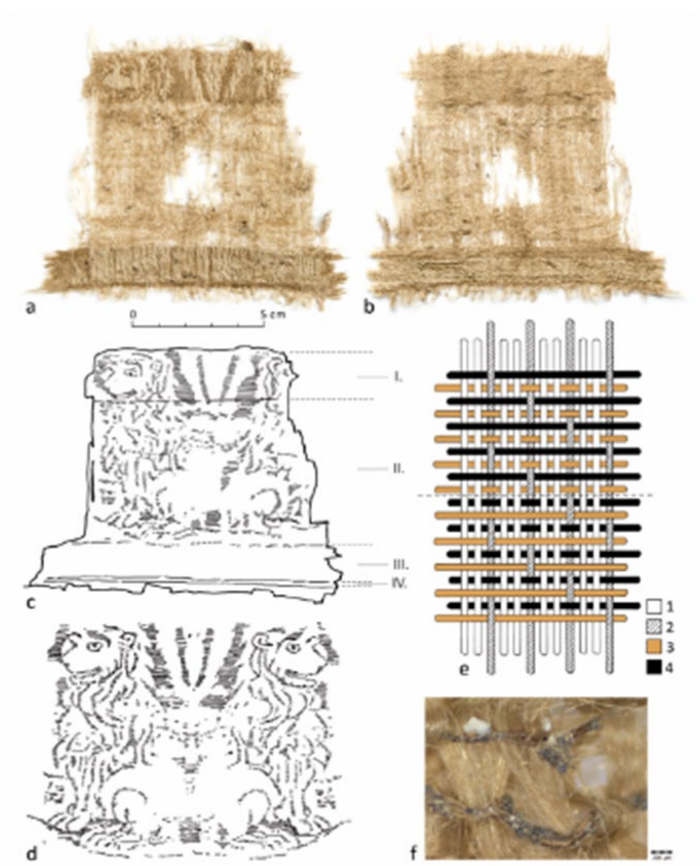


Figure 4. Research of archaeological textiles © Institute of Archaeology of the Czech Academy of Science, Prague



Figure 6. Permanent exhibition The Story of Prague Castle © M. Bravermanová



Figure 7. Exhibition Folk costume, Wallachian Open Air museum, Rožnov pod Radhoštěm © <https://www.nmvp.cz/roznov/program/vystavy/jak-jde-kroj-fak-se-stroj>

COMPILED BY:

Sandi Rizvic

POPULATION 5 928 585 (2023)

SIZE 42 933 km²

GDP \$ 436 billion (2022)



Denmark

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR

Textile and clothing sector as part of GDP (in numbers and in percentage)

3.305.000.000 DKK (Textile and leather industry).

Total GDP 2.318.000.000.000 billion DKK.

0,14% of GDP.

Number of jobs in the sector

58 916 jobs.

Characteristics of the sectors: production/design/retail

Main clothing/fashion brands typically focusing on design and large-scale sale of products, with production often being outsourced. This is the largest category by far in the sector, with retail and local production being smaller in scale.

Annual expenditure on clothing/citizen

5.628 DKK (756 €).

Fairs, fashion weeks, with the number of visitors

Copenhagen Fashion Week - Biannually [1].

Major companies in the sector (with more than 500 employees)

Jack & Jones

Samsøe Samsøe

Kopenhagen Fur (set to close following culling of all mink in Denmark due to covid)

R&D initiatives in sustainable fibres, dyes, techniques etc.

Program for Product Design and Materials Technology – VIA University College [2].

Major textile, dress and fashion education institutions

None exclusively with this focus.

Number of graduates from design schools and vocational training in textile crafts

circa 700.

National tangible or intangible UNESCO cultural heritage related to textiles

No current UNESCO heritage.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Centre for Textile Research (CTR) [3].

Education in textile conservation

Royal Danish Academy – School of Conservation:
Object conservation BA [4]
Cross-disciplinary master programme [5]

Education in textile history or textile archaeology

University of Copenhagen – Saxo Institute – Textile Archaeology - A hands on course [6].

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

National museum (Nationalmuseet), Copenhagen [7]
Design Museum Danmark, Copenhagen [8]
Tekstilmuseet, Herning [9]
The David Collection [10]

Major museum/archive collections of textiles/costumes

Fashion and Textile Collection – Design Museum Denmark [11]
Textiles, Carpets, and Leather – The David Collection [12]
Den Gamle By [13]
The Royal Collection [14]
Kongens Amøgere - Liv og Klæ'r – Museum Amøger [15]

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Fur - a matter of life and death (Oct 2014 - Feb 2015) National Museum Denmark [16]
Hønsesrik og Hot Pants - tøj og stil i '70erne (Sept 2014 - Jan 2017) Den Gamle By [17]
I AM BLACK VELVET (Jun 2017 - Mar 2018) Design Museum Danmark [18]
Fra Dronningens Garderobe (Mar - Sept 2022) Den Gamle By [19]
Mode og tekstil (Dec 2014 - Jan 2019) Design Museum Danmark [20]
FASHIONED FROM NATURE (Apr - Sept 2019) Natural History Museum of Denmark [21]

* information on ticket sales and income generation not publicly available

- [1] <https://copenhagenfashionweek.com/>
- [2] <https://www.via.dk/forskning/kreative-erhverv-og-professioner/product-design-and-materials-technologies>
- [3] <https://ctr.hum.ku.dk/>
- [4] <https://royaldanishacademy.com/programme/object-conservation>
- [5] <https://royaldanishacademy.com/programme/cross-disciplinary-master-programme>
- [6] <https://kurser.ku.dk/course/hfak13011u/2021-2022>
- [7] <https://en.natmus.dk/>
- [8] <https://designmuseum.dk/>
- [9] <https://museummidtjylland.dk/tekstilmuseet/>
- [10] <https://www.davidmus.dk/en/>
- [11] <https://designmuseum.dk/samlinger/genstandssamlinger/mode-og-tekstilsamlingen/>
- [12] <https://www.davidmus.dk/en/collections/islamic/materials/textiles>
- [13] <https://www.dengambleby.dk/>
- [14] <https://www.kongernessamling.dk/en/>
- [15] <https://www.museumamager.dk/index.php?id=39&L=0>
- [16] <https://mb.cision.com/Main/37/9677375/310737.pdf>
- [17] <http://www.drøgt.dk/h-nsestrik-og-hot-pants-t-j-og-stil-i-70-erne>
- [18] <https://designmuseum.dk/udstilling/erik-mortensen/>
- [19] <https://www.dengambleby.dk/om/presse/nyheder/n/ny-eksklusiv-udstilling-aabner-i-den-gamble-by-28-marts-fra-dronningens-garderobe/>
- [20] <https://designmuseum.dk/udstilling/mode-tekstil/>
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Suggested ReadingsDissemination

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- [5] Mikkelsen, Jan Foght (2003): "Faglig formidling er strategisk magtudøvelse", i Faglig kommunikation. Praksis og konsekvenser, Roskilde Universitetsforlag, s. 165-175.

Fashion and Textile

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Figure 1. Fashioning the Viking Age in collaboration with Centre for Textile Research



Figure 2. The David Collection



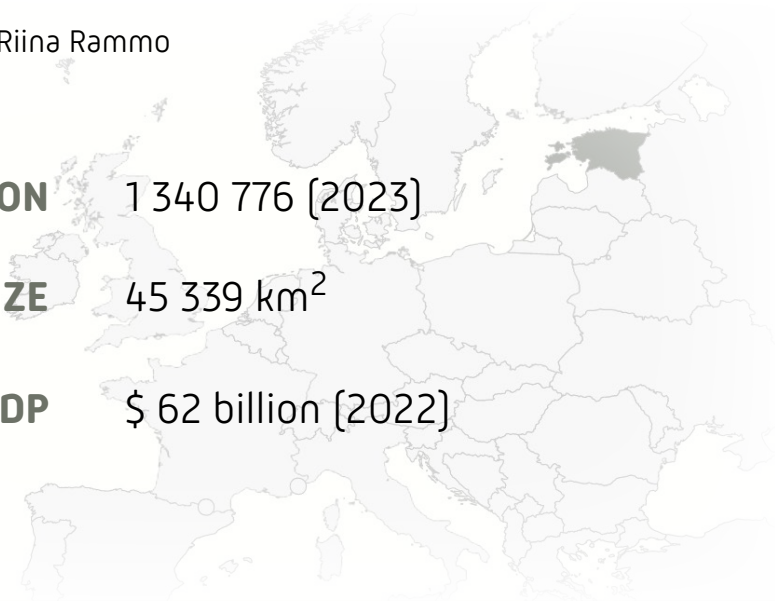
Figure 3. Fra Dronningens Garderobe [28 March – 9 September] Den Gamle By



Figure 4. Mode og tekstil [01 December 2014 — 07 January 2019] Design Museum Danmark

COMPILED BY:

Kerttu Palginõmm & Riina Rammo

POPULATION 1 340 776 (2023)**SIZE** 45 339 km²**GDP** \$ 62 billion (2022)

Estonia

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR**Textile and clothing sector as part of GDP (in numbers and in percentage)**

Manufacture of textiles, clothing, leather and leather products:

0,8 of GDP (2019) [1]

193,2 million (2019) [2]

Number of jobs in the sector

Textile production: 3800 (2019) [3].

Clothing: 6800 (2019) [4].

Leather and leather products: 1200 (2019) [5].

Characteristics of the sectors: production/design/retail

Textile and clothing products export in 2019 was 394 mln EUR (about 3% of the total exports)

[6]. Textile and clothing products import in 2019 was 692 mln EUR (about 4% of the total imports to Estonia) [7].

Annual expenditure on clothing/citizen

Annual expenditure on clothing/citizen 317,8 EUR [8].

Fairs, fashion weeks, with the number of visitors

Golden Needle

Erki Fashion show

Tallinn Fashion week

Tallinn Design week

Estonian Fashion Festival

Antonius Fashion Show

Fashion-Performance-Dance

Major companies in the sector (with more than 500 employees)

Wendre Group is one of Europe's largest producers of bedding products with its own manufacturing units in Estonia and Poland with a yearly production capacity of 18 million quilts & pillows and 600.000 beds & mattresses. More than 500 employees.

R&D initiatives in sustainable fibres, dyes, techniques etc.

Reet Aus

Kärt Ojavee

Johanna Ulfsak

Estonian Academy of Arts, Faculty of Design, Design and Technology futures

TTK University of Applied Sciences, University of Borås, Estonian Clothing and Textile Association, Nordplus Horizontal project, SusTexEdu

Nordic and Baltic Educational Roadmap for sustainability in the Textile and Clothing Sector

Major textile, dress and fashion education institutions

UT Viljandi Culture Academy, Native inherited technologies, native textiles [21]

Estonian Academy of Arts, Faculty of Design; Fashion, textile, leather accessories [22]

Tallinn University of Technology (Taltech) Department of materials and environmental technology; Laboratory of polymers and textile technology

TTK University of Applied Sciences, Institute of Engineering and Circular Economy, Fashion Engineering

Pallas University of Applied Sciences, Department of Textile and Department of leather design

Number of graduates from design schools and vocational training in textile crafts

No current information.

National tangible or intangible UNESCO cultural heritage related to textiles

No current UNESCO heritage.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

University of Tartu, Institute of History and Archaeology, Archaeology, POST4 "Clothing and self-identity in the 11th–16th centuries in Estonian territory" (2020–2023); Principal Investigator: Riina Rammo

Art Museum of Estonia, research project "Luxury and Glory in Tallinn. St. Mary altarpiece" (2022–2027); Principal Investigator: Kerttu Palginõmm

TTK University of Applied Sciences, University of Borås, Estonian Clothing and Textile Association, Nordplus Horizontal project, SusTexEdu

Nordic and Baltic Educational Roadmap for sustainability in the Textile and Clothing Sector

Education in textile conservation

Estonian Academy of Arts, Cultural heritage and conservation.

Education in textile history or textile archaeology

University of Tartu, Institute of History and Archaeology

Estonian Academy of Arts, Cultural Heritage and Conservation

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Museum of Applied Arts and Design

Estonian National Museum

Tallinn City Museum

Tartu City Museum

Estonian History Museum

Major museum/archive collections of textiles/costumes

Estonian National Museum

Tallinn City Museum

Estonian History Museum

Museum of Applied Arts and Design

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Poetry and Spleen. The Victorian Female Image and Fashion from Alexandre Vassiliev's Collection. 2016; Art Museum of Estonia, KUMU

Regarded as a norm, perennially worn, 2017. Estonian National Museum

From the Village Road to the Red Carpet: A Hundred Years of National Fashion, 2017. Estonian National Museum

Sots Art and Fashion: Conceptual Clothes from Eastern Europe, 2019; Art Museum of Estonia, KUMU

Tommy Cash ja Rick Owens. The Pure and the Damned, 2019, Art Museum of Estonia, KUMU

Reflecting the sun. 150 years of resort fashion, 2020. Fashion design for Alexandre Vassiljev's Collection, Pärnu Museum

Naught Mood. Estonian fashion avant-garde, 2021–2022, Museum of Applied Arts and Design

* information on ticket sales and income generation not publicly available

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- [2] Statistics Estonia [https://andmed.stat.ee/et/stat/majandus__rahvamajanduse-arvepidamine__sise-majanduse-koguprodukt-\(skp\)__sisemajanduse-koguprodukt-tootmise-meetodil/RAA0045](https://andmed.stat.ee/et/stat/majandus__rahvamajanduse-arvepidamine__sise-majanduse-koguprodukt-(skp)__sisemajanduse-koguprodukt-tootmise-meetodil/RAA0045) | 29.04.22
- [3] Statistics Estonia https://andmed.stat.ee/et/stat/sotsiaalelu__tooturg__heivatud__aastastatistika/TT0200 | 29.04.22
- [4] Statistics Estonia https://andmed.stat.ee/et/stat/sotsiaalelu__tooturg__heivatud__aastastatistika/TT0200 | 29.04.22
- [5] Statistics Estonia https://andmed.stat.ee/et/stat/sotsiaalelu__tooturg__heivatud__aastastatistika/TT0200 | 29.04.22
- [6] Statistics Estonia <https://www.stat.ee/et/uudised/pressiteade-2020-017> | 29.04.22
- [7] Statistics Estonia <https://www.stat.ee/et/uudised/pressiteade-2020-017> | 29.04.22
- [8] Statistics Estonia https://andmed.stat.ee/et/stat/sotsiaalelu__leibkonnad__leibkonna-eelarve__aas-ta-kulutused/LE201 | 29.04.22





Figure 2. Verdure of the Tallinn City Council
1547
Detail with the coat of arms of Tallinn
Tallinn City Museum



Figure 4. UT Viljandi Culture Academy, Native inherited technologies
Exhibition "Joy of Colour"
Photo: Lembe Lahtmaa



Figure 3. Master of the Legend of St. Lucy
The St. Mary altarpiece of the Brotherhood of the Black Heads | Before 1493
Detail: Cloth of Gold with pomegranate pattern
Art Museum of Estonia – Niguliste museum



Figure 5. Exhibition "Spiral tube decorations – a thousand years of tradition" in Estonian
National Museum (2015)
Photo: Riina Rammo

COMPILED BY:

Jenni Suomela, Krista Vajanto & Sanna Lipkin



Finland

POPULATION 5 559 408 (2023)

SIZE 338 455 km²

GDP \$ 328 billion (2022)

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR

Textile and clothing sector as part of GDP (in numbers and in percentage)

0,2%.

Number of jobs in the sector

circa 18 100 (2020).

Characteristics of the sectors: production/design/retail

44 % in retail.

Annual expenditure on clothing/citizen

662 € (2016), see Figure 1.

Fairs, fashion weeks, with the number of visitors

Helsinki Fashion Week
 Rauma Lace Week, tens of thousands of visitors
 Habitare, 58005 visitors (2019)
 Suomen Kädentaidot/ Finnish Craft and Design 2019, 55436 visitors and 742 exhibitors
 Oulun kädentaitomessut, 186 exhibitors (2019)
 Turun kädentaitomessut
 Jyväskylän kädentaitomessut, 9918 visitors, 275 exhibitors (2019)
 Rovaniemen kädentaitomessut
 Kuopion kädentaitomessut

Major companies in the sector (with more than 500 employees)

Marimekko, 446 employees
 Luhta (L-Fashion), 640 employees, Figure 2

R&D initiatives in sustainable fibres, dyes, techniques etc.

Rester - recycling textile fibres
 Regenerated cellulose fibre initiatives:
 Ioncell-F
 Infinited Fibre
 Spinnova
 Metsä Spring
 Fortum - Bio2textile
 BioCelSol

Major textile, dress and fashion education institutions

Aalto University and University of Lapland
 6 universities of applied sciences
 26 vocational schools

Number of graduates from design schools and vocational training in textile crafts

vocational 378 (2020)
 universities of applied sciences ca. 300
 universities: information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

- pile-rug tradition
- Tikkuröijy -woollen knitted sweater from Hailuoto (Figure 3)
- making of national costume
- making of Korsnäs woollen sweater
- lace making in Heinämaa
- weaving of rag mat
- pile-rug tradition from Vesilähti

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

- Sanna Lipkin's Academia of Finland projects
- Paula Hohti's ERC project
- BioColour, Riikka Räisänen
- Natural Indigo

Education in textile conservation

- Metropolia - University of applied sciences.

Education in textile history or textile archaeology

- only single courses in the universities.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

- Craft Museum of Finland
- Brage Dräktbyrå

Major museum/archive collections of textiles/costumes

- National Museum of Finland
- Design museum
- Theatre museum
- Siida Sami Museum
- Rauma Museum

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

- Vapriikki: Finlayson 200 - a factory that became a brand, permanent exhibition
- Vapriikki: Birckala 1017 -exhibition, 2017
- Design Museum: Finnish rug -exhibition, 2021
- Northern Ostrobothnia Museum: Suomen sodan nuori sotilas (Young soldier of the Finnish War), 2018
- Northern Ostrobothnia Museum: Huolella haudatut (Buried with care), 2020
- Espoo Museum of Modern Art: Interwoven, 2020
- Forssan museo: Uuden tekstiilitehteen näyttely, 2021
- Forssan museo: My Language of Textiles, 2021
- Craft museum: Design Eija Räsänenmäki 2020

* information on ticket sales and income generation not publicly available

- [1] <https://www.kadentaidot.fi/en/>
- [2] <https://www.aalto.fi/fi/tapahtumat/natural-indigo-luksusvareja-pohjoisen-pelloilta>
- [3] <https://www.vapriikki.fi/nayttelyt/birckala-1017/>
- [4] <https://emmamuseum.fi/nayttely/interwoven-yhteen-kudotut/>
- [5] <http://www.forssanmuseum.fi/vierailijalle/nayttelyt/?newsid=654&newstitle=UUTOS%3A+Uuden+tekstiilitaiteen+yhdistys+UUTE+ry%3A+n%C3%A4yttely+6.7.+--+1.8.>
- [6] https://museot.fi/nayttelykalenteri/?nayttely_id=26882
- [7] <https://tekstiilitaiteilijattexo.fi/ajankohtaista/kategoriat/nayttelyt/>
- [8] <https://www.teollisuusliitto.fi/wp-content/uploads/2020/05/Teollisuusliiton-toimialakatsaus-2020.pdf>
- [9] <https://vipunen.fi/fi-fi>
- [10] <https://www.stjm.fi/toiminta-alueemme/koulutus-ja-osaaminen/koulutuspolut/>
- [11] <https://www.pitsiviikko.fi/en/programme/>
- [12] <http://www.mediapromessut.fi/messut/>
- [13] www.pastchildhood.com
- [14] <https://www.ouka.fi/oulu/luuppi/huolella-haudatut>
- [15] <https://www.ouka.fi/oulu/luuppi/suomen-sotilas>

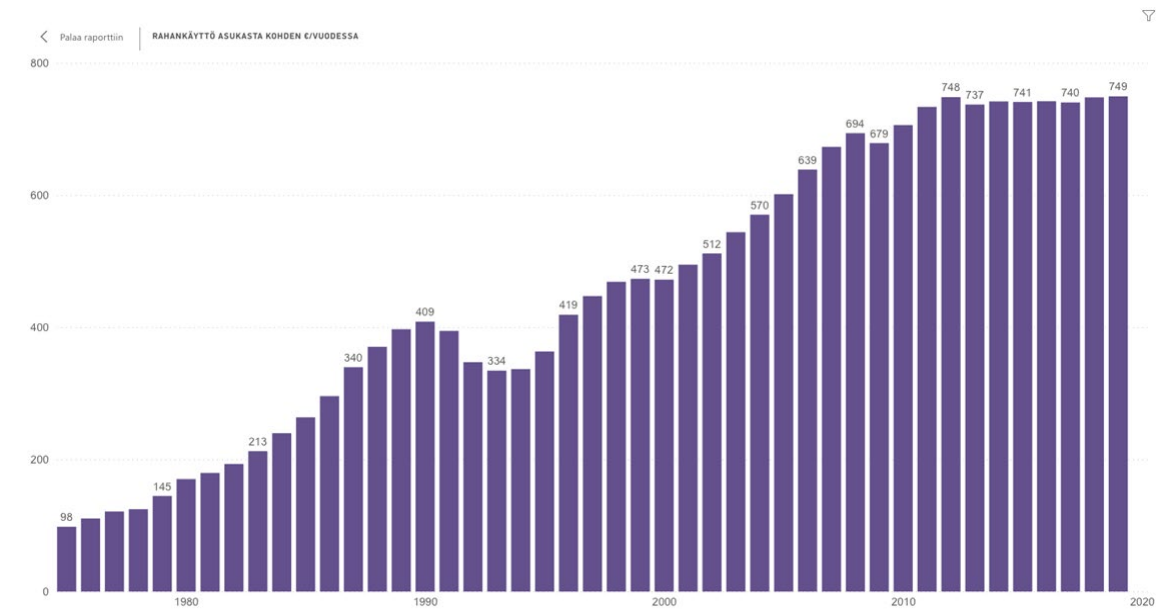


Figure 1.



Figure 2.



Figure 3. An historic example of Hailuotolainen tikkuri sweater, created 1939–1945, used until 1990s, Craft Museum of Finland, E1358.

COMPILED BY:

Louise Quillien

POPULATION 68 059 744 (2023)**SIZE** 643 801 km²**GDP** \$ 3.7 trillion (2022)

France

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR**Textile and clothing sector as part of GDP (in numbers and in percentage)**

1,7% of GDP (2016).

67 billions € (2016).

Number of jobs in the sector

103 000 jobs in clothing, leather and shoes industry (1), including 61 000 jobs in textile industry (2).

Characteristics of the sectors: production/design/retail

French production is mainly organized around textile groups with 250 or more employees, mainly multinationals. These groups are specialized in the development of luxury items, such as leather goods, or in the production of high value-added textiles, such as technical textiles used in particular in the aeronautics and automotive industries. Concerning clothing, the industrial activity remaining in France is mainly that of industrial clients to foreign subcontractors (1).

Annual expenditure on clothing/citizen

In 2017 : 500€.

Consumption of textile and clothing products in France in 2017 : 30 billions € in 2016.

Fairs, fashion weeks, with the number of visitors

Paris Fashion Week : 10,3 billion € of income (2016), 2 times a year, 5100 visitors in 2019, 8% of foreigners

Texworld Evolution Paris, 2 times a year, 29000 visitors in 2019, 3000 exhibitors, include :

Apparel sourcing Paris : Europe's largest gathering of clothing and accessory manufacturers

Texworld : a thousand international weavers for a wide range of textile products

Avantex : is the 1st international event offering high-tech solutions for Fashion

Major companies in the sector (with more than 500 employees)

4 brands in the in the top 10 of the world's most valued apparel and accessory brands : Cartier, Louis Vuitton, Hermès, Chanel

The 10 biggest companies in the textile manufacturing sector : Hexcel composites; holding textiles Hermès; Faurecia automobile industrie ; Thuasne ; Hexcel reinforcements ; Serge Ferrari SAS ; MACO productions ; Terre de lin ; Sigvaris ; Chomarat textiles industries (3)

R&D initiatives in sustainable fibres, dyes, techniques etc.

SmartX : European project H2020, to develop intelligent textiles

Techtera : European innovation cluster in the field of technical and functional textiles

EU-TEXTILE2030 : groupement européen d'intérêt économique for textile innovation

CETI : plateforme de recyclage textile

Major textile, dress and fashion education institutions

Institut Français de la Mode, Paris

ESMOD international (Paris, Bordeaux, Paris, Rennes, Roubaix)

ENSAD Paris

ESAA École Duperré, Paris

Atelier Charendon-Savard, Nantes, Paris

LISAA école de la mode, Nantes, Paris

ECSCP (École de la chambre syndicale de la couture parisienne) Paris

ENSCI Les Ateliers, Paris

Studio Berçot, Paris

ENSAAMA Olivier-de-Serres, Paris

Number of graduates from design schools and vocational training in textile crafts

Information not found.

Textile industries and Covid 19

From March to May 2020, the textile industry in France mobilized to produce masks.

Textile industry is affected by the Covid19. The revival of this industry will be based on the principles: environment, innovation, customization (2).

National tangible or intangible UNESCO cultural heritage related to textiles

Aubusson tapestry
 Alençon needle lace making
 Lyon : UNESCO world heritage site - silk industry
 (4)

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

CIETA: Centre International d'Etude des Textiles Anciens (Lyon)
 GIS Apparences, corps et sociétés (ACORSO), Rennes 2, UMR 7468
 Axe de recherche sur les textiles en Mésopotamie, Nanterre, UMR 7041
 Axe de recherche Corps, gestes et vêtements dans les mondes anciens, UMR 8010
 Axe de recherche Production, circulation et consommation des produits textiles de l'Antiquité à l'époque moderne dans l'espace méditerranéen et au Proche-Orient, Ivry, UMR 8167

Education in textile conservation

Institut national du patrimoine (INP), département des restaurateurs, formation textile
 Master « Conservation-restauration des biens culturels » (CRBC) University Paris I- Sorbonne.
 Centre de Recherche et de Restauration des Musées de France

Education in textile history or textile archaeology

Formations of the CIETA
 Course of Sophie Desrosiers, EHESS, Histoire et anthropologie des textiles
 Course of Astrid Castres, EPHE, Sources et méthodes de l'histoire des modes vestimentaires du Moyen Âge au XIXe siècle
 Course of Arianne Fennetaux : histoire du vêtement, des pratiques vestimentaires et de la culture matérielle en particulier au XVIIIe siècle

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Musée Mode et Textile des Arts Décoratifs
 Palais Galliera, musée de la mode de la ville de Paris
 Musée des Tissus, Lyon

Clothing, textile and fashion museums

Centre National du Costume de Scène, Moulins
 Soiries C.J. Bonnet, Jujurieux
 Musée de Bargoin, Clermont-Ferrand

Musée du Costume Traditionnel, Château-Chinon
 Musée du Costume Traditionnel, Paimpol
 Musée de la Chemiserie, Argenton-sur-Creuse
 Musée de l'impression sur étoffes, Mulhouse
 Cité de la dentelle et de la Mode, Calais
 La Manufacture, Roubaix
 Musée de la toile de Jouy, Jouy-en-Josas
 Musée Yves-Saint-Laurent
 Musée des Beaux-arts et de la Dentelle, Alençon
 Musée Christian Dior, Granville
 Musée de la Mode, Albi
 Musée du textile, Cholet
 Musée des arts décoratifs, de la mode et de la Faïence, Marseille
 Musée de la Viscose, Echirrolles

Other museums with important textile collections

Musée du Quai Branly
 Le Mobilier national
 Musée Guimet

Major museum/archive collections of textiles/costumes

see previous point.

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Indigo, musée de Bourgoin-Jallieu
 L'étoffe des rêves de Lee Young-hee, Séoul-Paris, Musée Guimet
 Azzedine Alaïa - Une autre pensée sur la mode, Association Azzedine Alaïa
 Marche et démarche, une histoire de la chaussure
 Dos à la mode, Musée Bourdelle-Palais Galliera
 Lagerfeld, the Chanel Show
 Fil du temps, Connexions textiles, Maison de l'artisanat et des métiers d'art de Marseille
 Haute Dentelle, Cité de la Dentelle et de la Mode, Calais

* information on ticket sales and income generation not publicly available

- [1] INSEE
- [2] Union des Industries Textiles
- [3] Réseau Vêtements & Textiles
- [4] UNESCO



Figure 1. Aubusson tapestry workshop, UNESCO heritage,
source : <http://www.tapisseries-aubusson.com>





Figure 6. Alençon needle lace making, UNESCO heritage, Atelier national ; source : franceculture.fr, Service communication de la Ville et de la Communauté urbaine d'Alençon ©Olivier Héron

COMPILED BY:

Petra Linscheid, Michael Rotmann, Angela Huang, Sophe Stille & Kerstin Dross-Krüpe



POPULATION 83 980 256 (2023)

SIZE 357 022 km²

GDP \$ 5.3 trillion (2022)

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR

Textile and clothing sector as part of GDP (in numbers and in percentage)

1,39% of GDP (2018).
35 Mrd Euro (2018).

Number of jobs in the sector

135 000 (2017), including 17 300 in shoes and leather.

Characteristics of the sectors: production/design/retail

The German Textile and Clothing industry is mainly a supplier to companies and businesses, such as the automobile industry, construction or health industry.

Annual expenditure on clothing/citizen

106 Euro/month; 4,1% of monthly available money.

Fairs, fashion weeks, with the number of visitors

Berlin Fashion Week, every 6 months, 70 000 visitors
Gallery Shoes, every 6 months, 9 500 visitors
Ispo Munich, yearly, 85 000 visitors
Frankfurt Fashion Week, sustainable fashion week starting in 2021
Panorama Berlin, every 6 months
Premium Exhibitions, every 6 months, 60 000 visitors

Major companies in the sector (with more than 500 employees)

Adidas Group
Puma
Hugo Boss
NewYorker
sOliver
C&A Deutschland
Kik
Esprit

R&D initiatives in sustainable fibres, dyes, techniques etc.

16 Research Institutes.

"Together with Textilforschung, the German Textile and Fashion Industry is developing more and more innovations which save on resources and protect the environment. Furthermore these initiatives contribute to a smart circular economy in the interest of a Green Deal of textiles. German Textile and Fashion companies produce while having this sustainable approach in mind and contribute their share to the development of their production sites and the education of young people."

Major textile, dress and fashion education institutions

Fashion Design Institute, Düsseldorf
Modeschule Kehrer Design Academy, Stuttgart & Mannheim
Berufskollegs für Design, Stuttgart
Akademie JAK, Hamburg
Mode Design College Düsseldorf
Modedesignschule Manuel Fritz, Mannheim

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

No current UNESCO heritage.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Freie Universität Berlin and Humboldt-Universität zu Berlin, TOPOI, The formation and transformation of space and knowledge in ancient civilizations (2007-2019); Research Group: The textile revolution;

Humboldt Universität Berlin, Institut für Kunst- und Bildgeschichte: Textile Arts and Textility in a Transcultural Perspective (4th to 17th c.)

Education in textile conservation

Technische Hochschule Köln Textilien und Archäologische Fasern.

Education in textile history or textile archaeology

Information not found.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Deutsches Textilmuseum Krefeld
 Haus der Seidenkultur Krefeld
 Tuch und Technik, Textilmuseum Neumünster
 Textilfabrik Cromford, Ratingen
 Tuchfabrik Müller, Euskirchen
 Staatliches Textil- und Industriemuseum Augsburg
 TextilWerk Bocholt
 Textilmuseum Die Scheune
 Textilmuseum Mindelheim
 Tuchmacher Museum Brämsche
 Wiesentäler Textilmuseum
 Bandwebereimuseum Elfringhausen
 Brandenburgisches Textilmuseum Forst
 felto- Filzwelt Soltau
 Maschenmuseum Albstadt
 Oberfränkisches Textilmuseum Helmbrechts

Major museum/archive collections of textiles/costumes

Staatliche Museen zu Berlin – Preußischer Kulturbesitz: Kunstgewerbemuseum, Museum Europäischer Kulturen, Ägyptisches Museum, Museum für Islamische Kunst, Museum für Byzantinische Kunst

München, Bayerisches Nationalmuseum

München, Staatliches Museum Ägyptischer Kunst

Hamburg, Museum für Kunst und Gewerbe

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Kleider in Bewegung. Frauenmode seit 1850, Historisches Museum Frankfurt 2020-2021
 Fast Fashion. Die Schattenseiten der Mode, Rautenstrauch-Joest-Museum Köln 2018-2019
 Die Sprache der Mode, Hamburg, Museum für Kunst und Gewerbe, 2021-2022
 Verborgene Strukturen. Eine fotografische Reise in die Welt der Textilien Berlin, Deutsches Technikmuseum 2021
 Fashion?! Was Mode zu mode macht. Stuttgart, Landesmuseum Württemberg 2021
 Gut betucht – Textilerzeugung bei den Alamannen, Alamannenmuseum Ellwangen 2020-2021
 Amish Quilts meet modern art, Staatliches Textil- und Industriemuseum Augsburg, 2020-2021
 Connecting Afro Futures. Fashion x hair x design. Kunstgewerbemuseum Berlin 2019
 History in fashion. 1500 Jahre Stickerei in Mode, Leipzig, Grassi Museum 2020
 Raffael – Macht der Bilder. Die Tapisserien und ihre Wirkung, Dresden Gemäldegalerie 2020
 Zeitkolorit. Mode und Chemie im farbenrausch 1850 bis 1930
 Deutsches Textilmuseum, Krefeld 2020
 Tracht oder Mode. Die europäische Sammlung Paul Prött
 Deutsches Textilmuseum, Krefeld 2018
 Deutsche Couture. Kleidermode der 50er bis 70er Jahre
 Deutsches Textilmuseum, Krefeld 2017-18
 Seide. Textile Pracht aus 2000 Jahren
 Deutsches Textilmuseum, Krefeld 2016
 Kirschblüten und Haifischhaut. Textilien der Samurai und Bürger in der Edo-Zeit
 Deutsches Textilmuseum, Krefeld 2015

* information on ticket sales and income generation not publicly available

- [1] Gesamtverband Textil + Mode: Rundschreiben 2017 & 2018
- [2] <https://www.ceicdata.com/en/germany/gross-domestic-product-share-of-gdp/de-gdp--of-manufacturing-textiles-and-clothing>
- [3] Statistisches Bundesamt: 2019
- [4] Website Textil + Mode
- [5] Die größten deutschen Modeunternehmen
- [6] GDP Germany
- [7] Research Textile Network
- [8] Mode-studieren.de



Figure 1.



Figure 2.



Figure 3.



Figure 5.



Figure 4.



Figure 6.



Figure 7.

COMPILED BY:

Tina Boloti

POPULATION 10 523 449 (2023)

SIZE 131 957 km²

GDP \$ 389 billion (2022)



Greece

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR

Textile and clothing sector as part of GDP (in numbers and in percentage)

Production of raw materials: 167 companies, cost of goods sold: 429 348 332.
Manufacture of wearing apparel: 307 companies, cost of goods sold: 414 574 999.

Number of jobs in the sector

17 562 jobs.

Annual expenditure on clothing/citizen

67,5 euros per month.

Fairs, fashion weeks, with the number of visitors

Athens fashion trade show
Athens Xclusive designers week

Major companies in the sector (with more than 500 employees)

4.849 companies (with less than 10 employees), 527 (with more than 10 employees).

R&D initiatives in sustainable fibres, dyes, techniques etc.

Various R&D initiatives in sustainable fibres, dyes, techniques etc:
e.g. <https://wakeupcut.com>, <https://heelshop.gr>

Major textile, dress and fashion education institutions

AKTO Art and design Studies (<https://akto.gr>)
AthensFashionClub (<https://www.athensfashionclub.com>)
Fashion Workshop (<https://el-gr.facebook.com/fashionschoolworkshop/>)
E.E.S. Beloudakis (<https://schools.gr>)
Pansik Scuola di Moda (<https://www.pansik.gr>)

Number of graduates from design schools and vocational training in textile crafts

www.eoppep.gr .

National tangible or intangible UNESCO cultural heritage related to textiles

<http://www.unesco-hellas.org/>.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Isolated scholars working on related research themes either independently or in universities/ research centres, e.g. Tina Boloti (Post-doc at the National and Kapodistrian University of Athens).

Education in textile conservation

University of West Attica / School of Applied Arts & Culture.

Education in textile history or textile archaeology

Only partially, in the framework of courses related to the history and archaeology from the prehistoric times to the modern era.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Museum of the History of the Greek Costume (Athens)

Benaki Museum (partially)

Museum of Greek Modern Culture (partially)

Peloponnesian Folklore Foundation (partially)

The Victoria Karelias collection of Traditional Greek Costumes

Major museum/archive collections of textiles/costumes

Museum of the History of the Greek Costume (Athens), Benaki Museum, Museum of Greek Modern Culture, Peloponnesian Folklore Foundation, The Victoria Karelias collection of Traditional Greek Costumes.

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Athens Xclusive Designers Week

Athens Fashion Trade Show

* information on ticket sales and income generation not publicly available

COMPILED BY:

Csilla Kollár, Eszter Máttyás, Anikó Moór, Rebeka Nagy, Réka Semsey

POPULATION 9 497 333 (2023)**SIZE** 93 030 km²**GDP** \$ 405 billion (2022)**THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR****Textile and clothing sector as part of GDP (in numbers and in percentage)**

Reported 2018.: 795,3166 millio Euro, GDP 13,921 Euro (per capita), [1].
2% of the total GDP[2].

Number of jobs in the sector

73 591 people (reported: 2017), [3].

Characteristics of the sectors: production/design/retail

Production [2016], [4].

Annual expenditure on clothing/citizen

2020: 51 834 Ft person / year [5].

Fairs, fashion weeks, with the number of visitors

Hungarian Fashion and Design Agency 2 fairs in 2018. Visitors: 10 000 people
Budapest Central European Fashion Week

Major companies in the sector (with more than 500 employees)

SZEFO zrt

R&D initiatives in sustainable fibres, dyes, techniques etc.

INNOVATEX

Hungarian University of Fine Arts - Conservation Department

INNOWEAR

Moholy-Nagy University of Art and Design (MOME) - Fashion and Textile Design

Hungarian Academy of Sciences: Research Centre for Physics

Doctoral School of Materials Sciences and Technologies, Óbuda University

Major textile, dress and fashion education institutions

Moholy-Nagy University of Art and Design (MOME)

Budapest Metropolitan University

ELTE - Department of Cultural History

Fashion School of Budapest

Óbuda University

Rejtő Sándor Faculty of Light Industry and Environmental Protection Engineering

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

Blue dying
 Matyo folk art
 Kun embroidery

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Moholy-Nagy University of Art and Design (MOME) - Fashion and Textile Design
 Hungarian National Museum - Conservation Department
 Hungarian University of Fine Arts - Conservation
 Óbuda University - Rejtő Sándor Faculty of Light Industry and Environmental Protection Engineering (RKK) - Product design specialization (interior textiles, clothing accessories)
 ELTE - Department of Cultural History
 Doctoral School of Materials Sciences and Technologies, Óbuda University

Education in textile conservation

The Hungarian University of Fine Arts
 Hungarian National Museum

Education in textile history or textile archaeology

Moholy-Nagy University of Art and Design (MOME)
 The Hungarian University of Fine Arts
 Eötvös Loránd University Faculty of Humanities

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Hungarian National Museum
 Museum of Applied Arts
 Museum of Ethnography
 Budapest History Museum, Kiscell Museum
 Museum of Óbuda - Goldberger Textile Collection

Major museum/archive collections of textiles/costumes

Hungarian National Museum - costume, upholstery, flag
 Museum of Applied Arts - carpet, tapestry, costume, lace, fabric, upholstery
 Museum of Ethnography - traditional costume
 Budapest History Museum, Kiscell Museum - costume
 Cathedral of Our Lady of the Assumption and Saint Adalbert Cathedral Treasury, Esztergom
 Ecclesiastic Art Collection of the Matthias Church of Buda Castle
 Military History Institute and Museum

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Clara. Klára Rotschild – Fashion Queen behind the Iron Curtain Hungarian National Museum, 2019/2020
 Shine! exhibition in Budapest History Museum, Kiscell Museum, 2019/2020
 Katti Zoób – Repertoár Pesti Vigadó, 2020
 Dress Code: Art Nouveau Museum of Applied Arts 2021
 In Circulation: Romani Design Museum of Applied Arts 2021
 Dress Code: Katti Zoób Museum of Applied Arts, 2022
 50 Years of Wall and Space Textile Art in Szombathely Savaria Museum, 2022
 Woven, crocheted and printed materials Selection from the industrial textile collection of the Szombathely Gallery [1973-1988] Savaria Museum, 2022
 Textile Art Triennial Savaria Museum, 2018
 The Road of Textiles in Szombathely 1970-2018 Savaria Museum, 2018
 7th International Textile Art Triennial of Textile Arts Savaria Museum, 2021
 Sisi - Queen in black and white Móra Ferenc Museum, Szeged 2021

* information on ticket sales and income generation not publicly available

- [1] Statistica
- [2] World Bank
- [3] <https://cdn.kormany.hu/uploads/document/d/d2/d28/d28a1e991837ede4354813db756e11c-0f4699ea1.pdf>
- [4] http://mksz.org/sites/default/files/a_magyar_konnyuipar_a_statistikai_szamok_tukreben_2016.pdf
- [5] https://www.ksh.hu/stadat_files/jov/hu/jov0050.html



COMPILED BY:
Meghan Korten

POPULATION 384 303 (2023)
SIZE 102 775 km²
GDP \$ 405 billion (2022)



Iceland

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR

Textile and clothing sector as part of GDP (in numbers and in percentage)

Information not found.

Number of jobs in the sector

Information not found.

Characteristics of the sectors: production/design/retail

Information not found.

Annual expenditure on clothing/citizen

3.5% (2020)

Textile Exports (2019) = 3 929.7 million ISK

(Furs and textile articles 1051.6 million ISK; Textile yarn, including wool tops 279.4 million ISK; Wool 585.9 million ISK; Other Textiles 477.5 million ISK; Textile articles 73.3 million ISK; Clothing and Footwear 627 million ISK; Other leather, fur, textile articles 67.6 million ISK; Fishing lines, cables, nets etc 680.5 million ISK; Used clothing and textiles 86.9 million ISK [1]).

Fairs, fashion weeks, with the number of visitors

Prjónagleðina/ Iceland Knit Fest (annual), Blönduós, Icelandic Textile Center

Prjónahátíð Reykjavíkur/ Reykjavík Knitting Festival, Reykjavík

DesignMarch, Reykjavík, Reykjavík

Ullarvikan/ Woolweek

Handverkshátíð (Crafts Fest), Hrafnagil

Major companies in the sector (with more than 500 employees)

*none major but list some of the more popular/applicable stores and associations:

Ístex (wool and textiles)

Álafoss (wool and textiles), Mosfellsbær

Gústa (yarn and patterns)

Mórúnir, (yarn and dye studio) Kelduhverfið

Kidka. Operational factory and store, Hvammstungi

Handknitting Association of Iceland

Heimilisiðnaðarfélag Íslands/ The Icelandic Handcraft Association (offers textile and handi-craft courses)

Textílfélagið (The Icelandic Textile Association) (offers summer textile courses)

Fatahönnunarfélag Íslands (The Icelandic Fashion Design Association)

Handverk og Hönnun (Crafts and Design)

Ullarvinnslan Þingborg

Uppspuni spinning mill

Hespuhúsið plant dye studio

The Icelandic Knitter (yarn, patterns, knitting tours, Hélène Magnússon

KrÓsk, Akranes Kristín Ósk Halldórsdóttir

Annriki, (national costume and crafts; research centre, museum, store and courses) Ásmundur

Kristjánsson & Guðrún Hildur Rosenkjær

R&D initiatives in sustainable fibres, dyes, techniques etc.

Information not found.

Major textile, dress and fashion education institutions

Reykjavík School of Visual Arts; Textile department

Iceland University of the Arts; Fashion Design

Reykjadæla tapestry field school, Jóhanna E. Pálmadóttir & Kristin Ragna Gunnarsdóttir 2018

University of Iceland, School of Education (B.Ed. subject specialization courses; Vocational Training): Fashion and textile design; Design History; Textile methods; Sustainability in textiles; Fashion and product design

Tækniskólinn (Technical School): Fatatækni (Clothing Technology), Kjólasmur og klæðskurður (Dress Sewing and Tailoring), Húsgagnabólstrun (Upholstery), sewing courses

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

No current UNESCO heritage.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes | See also education institutions

Icelandic Textile Center (Textil Miðstöð), Blönduós (research centre, artist residency, scholarships)

TextileLab (equipment and digital technology)

Ongoing CENTRINNO Horizon2020 project

"Bridging Textiles to the Digital Future" (2017-2020) Ragnheiður Björk Þórsdóttir & weaving pattern database

Textile residency program (artists and scholars)

Ullarthon (Icelandic wool sustainability contest) 2021

Education in textile conservation

Information not found.

Education in textile history or textile archaeology

University of Iceland, Department of Archaeology (not textile-specific program).

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Heimilisiðnaðarsafnið (The Textile Museum), Blönduós

Halldórastofa (Halldóra Bjarnadóttir, 1873-1981, f. wool and textile catalogue)

"From wool to clothing" online children's exhibition

Fixed exhibitions, including "Embroidery," "National Costume," "Wool," "Old Tools"

Annual exhibitions, including "Icelandic lopæ sweater" traveling exhibition, 2017-2019;

web exhibition (with Museum of Design and Applied Art)

Collaboration with Byggðasafn Húnavatnings & Strandamanna Byggðasafn Skagfirðingar: 2020 online exhibition of woollen shoe-inserts

The Icelandic National Costume Board

Major museum/archive collections of textiles/costumes

Þjóðminjasafn (National Museum of Iceland), Reykjavík

exhibits range from medieval to modern: national costumes, wool/tools exhibition (incl. whorls & warp-weighted loom), tapestries, bed valences, ecclesiastical textiles

Árbær Open Air Museum, Reykjavík

exhibition on women's clothing, farm recreation (with textile tools and exhibition)

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Þjóðminjasafn:

"Bundled-Up in Blue" excavation with textiles 2015-2018

"Þrjónað af fingrum fram" (Knit with Fingers) 2020 online exhibition

Borgarsögusafn Reykjavíkur (Reykjavik City Museum) "Söðuláklæði i vörslu

"Borgarsögusafns" (Saddle-cloths in City Museum Collection") online exhibition 2020

Minjasafn Austurlands (Museum of East Iceland) "Scarves" exhibition 2019

Museum of Design and Applied Art, Garðabær, exhibitions "Natural dyes: a modern perspective" 2021 Sigmundur Páll Freysteinnsson; "Jumper for everybody with everything" 2021 Ýrurari (Ýr Jóhannsdóttir); "Behind the Scenes: conserving and archiving textile work" 2020; "100% Wool" 2020-2021

* information on ticket sales and income generation not publicly available

- [1] Statistics Iceland
- [2] available collections from the National Museum of Iceland are online at <https://sarpur.is/Default.aspx>
- [3] https://ec.europa.eu/eurostat/databrowser/view/nama_10_gdp/default/table?lang=en
- [4] <https://ec.europa.eu/eurostat/databrowser/view/tec00134/default/table?lang=en>



Figure 1. National Costume photo c. late 19th/early 20th century



Figure 2. National costume photo c.1934



Figure 3. National costume today

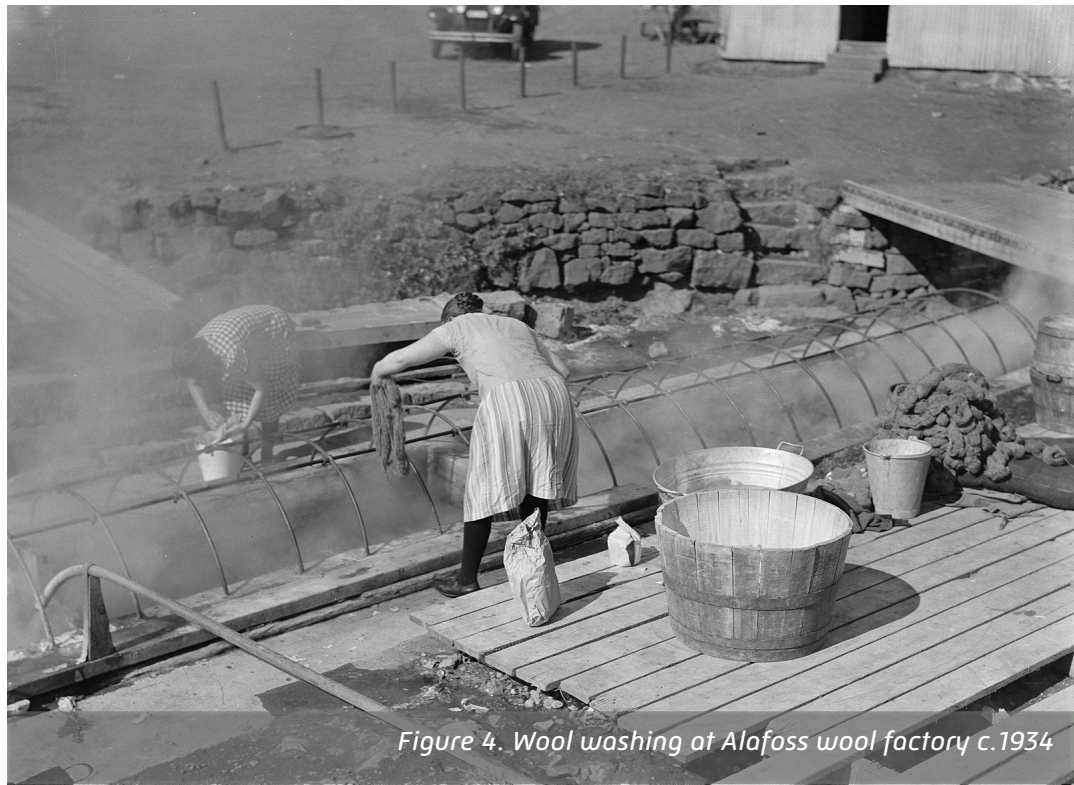


Figure 4. Wool washing at Alafoss wool factory c.1934



Figure 5. Lopapeyfa (Icelandic yoked sweater)



Figure 6. 66 North: one of the most known clothing and outdoor wear companies from Iceland
Copyright: 66 North



Figure 7. Farmer's Market: a more recent, modern clothing company from Iceland that has adapted the woollen tradition to more cut/style of clothing
Copyright: Farmer's Market



Figure 8.



Figure 9.

COMPILED BY:

Tamar Nix



POPULATION 9 693 280 (2023)

SIZE 20 770 - 22 072 km²

GDP \$ 472 billion (2022)

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR

Textile and clothing sector as part of GDP (in numbers and in percentage)

2% - 7.9 billion USD.

Number of jobs in the sector

9 000 jobs.

Characteristics of the sectors: production/design/retail

55% of the market is based on garment manufacturing.
45% of the market manufacture textiles.

Annual expenditure on clothing/citizen

\$ 3300.

Fairs, fashion weeks, with the number of visitors

Israel fashion week.

Major companies in the sector (with more than 500 employees)

Nilit, Delta Galil Industries, Office textile, Albad, Avgol, Tefron.

R&D initiatives in sustainable fibres, dyes, techniques etc.

Kornit digital, Optitex, Browzwear, OferTex.

Major textile, dress and fashion education institutions

Shenkar College
Wizo Academy
Bezalel Academy

Number of graduates from design schools and vocational training in textile crafts

Around 200 bachelors each year.

National tangible or intangible UNESCO cultural heritage related to textiles

Palestinian embroidery was announced as an intangible cultural heritage of humanity by UNESCO.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes | See also education institutions

Israel Antiquities Authority research of organic materials:

Early evidence of royal purple-dyed textile from Timna Valley 2021

Qumrân textiles and the garments of Qumrân's inhabitants 2011

Textiles and Strings from Cave 11Q 2019

Education in textile conservation

Restoration & Conservation Laboratory – The Hebrew University Jerusalem
Israel Antiquities Authority

Education in textile history or textile archaeology

The Hebrew University – Institute of Archaeology

Tel Aviv University – International Program in Ancient Israel Studies

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Man and his work center – Eretz Israel Museum Tel Aviv

The Israel Museum - Textile Collection

Major museum/archive collections of textiles/costumes

The center for conservation of ancient organic materials in the Israel Antiquities Authority

The Rose Textile and Fashion Archive

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Woven Consciousness, Contemporary Textile in Israel, Eretz Israel Museum

Tel Aviv Fashion Week

[1] World bank

[2] Nations Online

[3] The Israel Knesset

[4] Israel Central Bureau of Statistics

[5] Israel Government PR

[6] UNESCO

[7] Israel Antiquities Authority

[8] Restoration & Conservation Laboratory – The Hebrew University Jerusalem

[9] The Rose Textile and Fashion Archive

[10] Tel Aviv Fashion Week

[11] Woven consciousness, contemporary textile in Israel

[12] Luxury Swimwear by Pioneering Jewish Designer Makes a Splash on UWS



Figure 1. Basket dated to around 8500 BC, found on March 2021 in the Dargah valley, Israel (Israel Antiquities Authority), credits: Yaniv Berman



Figure 3. Tel Aviv Fashion Week 2017. Designer: Galia Lahav, credits: Nicole Isaacs

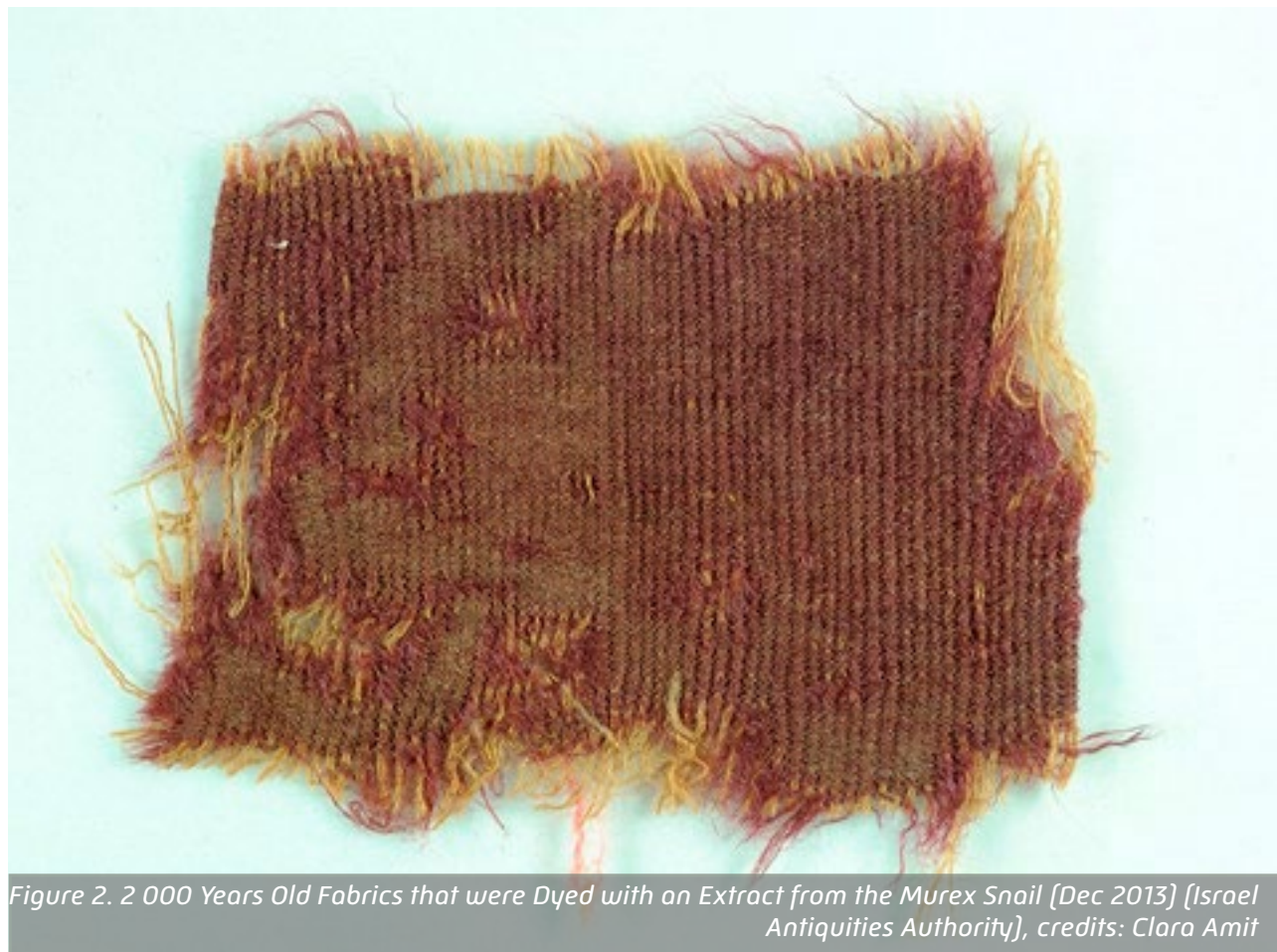


Figure 2. 2 000 Years Old Fabrics that were Dyed with an Extract from the Murex Snail (Dec 2013) (Israel Antiquities Authority), credits: Clara Amit



Figure 4. Woven consciousness, contemporary textile in Israel, exhibition held at the Eretz Israel Museum, Tel Aviv, 2014, credits: Shiri Cnaani



Figure 5. Dress by Maskit, 1978. The Rose Textile and Fashion Archive, credits: Fini Laintersdorf



Figure 6: Swimwear by Gottex, 1970, credits: Leo Gottlieb

COMPILED BY:

Francesca Coletti, Gabriella Longhitano & Francesco Meo

POPULATION 58 662 524 (2023)**SIZE** 301 230 km²**GDP** \$ 3.05 trillion (2022)**THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR****Textile and clothing sector as part of GDP (in numbers and in percentage)**

1,3% of GDP (2017) (Clothing is 40.5 percent of total revenues followed by leather goods 20.9 percent).

€ 70.4 million in 2017 (according to AreaStudi MedioBanca report).

€ 66.6 million (2018) (according to CNMI).

The Italian industry recorded a 25% drop in revenues to € 50.5 billion (\$61.2 billion) in 2020 compared with 2019, with exports down 22% to nearly € 43 billion (\$52.1 billion).

Number of jobs in the sector

495 000 jobs (2019).

Characteristics of the sectors: production/design/retail

The Italian Textile and Clothing industry is one of the most important sectors of the processing industry in Italy and also plays an important role in the European Union and even on a global scale. The textile and apparel sector plays a big part in Italy's economy and the country is recognized worldwide for its high-quality products. The main fashion groups have examined the dynamics of the 163 Italian Fashion Companies with a turnover exceeding 100 million in 2018, in addition to the main European groups in the sector. The level of textile and apparel production in Italy represents a number of specific elements that are essential for activity in the T&A sector at the four basic levels (fibres, textiles, apparel, sales).

One of the strengths of the Made in Italy Fashion sector is increasingly focused on sustainability. A decisive theme for the future of fashion in general, which is the second most polluting industry in the world [1].

Annual expenditure on clothing/citizen

In 2018, Italian households spent approximately € 51 billion on clothing 106 Euro/month; 4,1% of monthly available money.

Fairs, fashion weeks, with the number of visitors

Milan Fashion Week, every 6 months, more than 2.5 million visitors (2018)

Milano Moda Donna, every 6 months, nr visitors not found

Milano Moda Uomo, every 6 months, nr visitors not found

Rome Fashion Week, every 6 months, nr visitors not found

Rome Bridal Fashion Week, yearly, nr visitors not found

Alta Roma, yearly, nr visitors not found

Rome Sustainable Innovation Fashion Week, yearly, started in 2020

Napoli Moda Design, yearly, nr visitors not found

Major companies in the sector (with more than 500 employees)

The entire fashion sector has around 90 943 businesses in 2019 [2]:

Prada

Giorgio Armani

Luxottica Group

Max Mara fashion group

OVS

Moncler

OTB

D&G

Salvatore Ferragamo

Valentino

Ermenegildo Zegna Holditalia

Gucci

LIR

Benetton Group

Tod's

Calzedonia

Diesel

R&D initiatives in sustainable fibres, dyes, techniques etc.

One of the European countries with the lowest CO₂ emissions (according to Centro Studi Confindustria).

Radici InNova: a Centre of Research to develop sustainable textile industry.

Grete: European project, aiming to enable sustainable, techno-economically viable production of high-quality cellulose-based textile fibres through green chemicals and technologies.

Green Match: project aiming to develop sustainable technology for the production of polyurethane for textiles.

A number of new companies developing technologies for creating new raw materials for textiles (such as marble [Filipari]) [3].

Major textile, dress and fashion education institutions

Accademia Italiana Florence
Domus Academy, Milano
Istituto Marangoni Fashion and Design School, Milano
Istituto Secoli, Milano
Polimoda Institute of Fashion Design and Marketing, Firenze
Style Design College, Milano

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

Capri D'Adda: Well preserved and partially in use company town built in the 19th and 20th centuries for the workforce of a textile manufacturer.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes | See also education institutions

Sapienza University of Rome, Department of Classics', Project: AAT - Archaeology and Archaeometry of Textiles. Continuity and Transformations of textile technologies in the Ancient and Post-Antique Mediterranean (2018-present).

Padua University: several projects about pre-Roman and Roman textile production in Northwestern Italy

University of Salento, Lecce: several projects about pre-Roman textile production in Southern Italy

Education in textile conservation

ICSR-Istituto Superiore per la conservazione e il restauro

Opificio delle Pietre Dure di Firenze

Accademia di Belle Arti

Centro conservazione e restauro La Venaria Reale

Education in textile history or textile archaeology

Undergraduate course "Archaeology and Archaeometry of Textiles" (6 ECTS) at the Department of History Anthropology Religions, Performing Arts, Sapienza University of Rome.

Bachelors and Masters in Fashion Studies at the Department of History Anthropology Religions, Performing Arts, Sapienza University of Rome.

Bachelors in Fashion Cultures And Practices at Alma Mater Studiorum, Bologna University.

Fondazione Lisio.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Museo del Tessuto, Prato

Museo del Tessuto e del Costume, Venezia

Museo Ebraico di Roma

Museo della Moda e del Costume, Palazzo Pitti, Firenze

Museo del Tessuto e del Costume, Spoleto

Museo del Tessile, Busto Arsizio

Museo Atelier Giuditta Brozzetti, Perugia

Museo della Canapa, Sant'Anatolia di Narco

Maratè | Museo per l'Arte del Rame e del Tessuto, Calasanzio

Museo del Ricamo e del Tessile, Valtopina
 Museo Comunale Del Ricamo Su Tulle A Panicale "Anita Belleschi Grifoni", Panicale
 Il Museo Tela Umbra, Perugia
 Museo permanente costume tradizionale e lavorazione del lino e raccolta etnografica, Busachi
 MURATS-Museo Unico Regionale Arte Tessile Sarda, Samugheo
 Museo del Tessuto e della Tappezzeria "Vittorio Zironi", Bologna
 Museo della Seta, Como
 MUST Museo Studio Del Tessuto, Como
 Museo dell'artigianato tessile, della seta, del costume e della moda calabrese, Reggio Calabria
 Museo Salvatore Ferragamo, Prato
 Centro Studi di Storia del Tessuto e del Costume, Palazzo Mocenigo, Venezia

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/visitors and income generation

PROTEXT! Quando il tessuto si fa manifesto (24 ottobre 2020 - 14 febbraio 2021) Centro per l'arte contemporanea Luigi Pecci, Prato
 MODE NEL MONDO: I VESTITI RACCONTANO LA VITA DEI POPOLI. DAL KIMONO AL BURQA (20 Settembre 2020 - 31 Dicembre 2020) Museo d'Arte Cinese ed Etnografico, Parma
 LEONARDO DA VINCI, L'INGEGNO, IL TESSUTO (16 dicembre 2018 - 29 settembre 2019) Museo del Tessuto di Prato
 LA VENEZIA DI TINTORETTO (6 Settembre 2018 - 6 Gennaio 2019) Venezia, Museo di Palazzo Mocenigo
 Tessuto e ricchezza a Firenze nel Trecento. Lana, seta, pittura (5 dicembre 2017 - 15 aprile 2018) GALLERIA DELL'ACCADEMIA DI FIRENZE
 MARIE ANTOINETTE. I COSTUMI DI UNA REGINA DA OSCAR (11 febbraio 2017 - 10 giugno 2018) Museo del Tessuto di Prato
 IL CAPRICCIO E LA RAGIONE. ELEGANZE DEL SETTECENTO EUROPEO (14 maggio 2017 - 29 aprile 2018) Museo del Tessuto di Prato
 TRA ARTE E MODA . NOSTALGIA DEL FUTURO NEI TESSUTI D'ARTISTA DEL DOPOGUERRA (4 maggio 2016 -19 febbraio 2017) Museo del Tessuto di Prato
 Ottocento alla moda (maggio 2016 - 24 luglio 2016) Gallerie degli Uffizi, Galleria d'arte moderna di Palazzo Pitti
 LA VITA IN ROSSO E BIANCO. Opere di Brigitte Bouquin-Sellès. Esposizione di arte tessile contemporanea (5 Maggio - 30 Settembre 2018) Venezia, Museo di Palazzo Mocenigo
 VENEZIA E L'ORIENTE. La collezione della Fondazione di Venezia (20 Gennaio - 26 Agosto 2018) Venezia, Museo di Palazzo Mocenigo
 KATAGAMI E KATAZOME. Simbologia e decorazione dei tessuti in Giappone (20 Gennaio - 22 Aprile 2018) Venezia, Museo di Palazzo Mocenigo
 L'Alchimia del Colore (11 dicembre - 10 Aprile 2016) Venezia, Museo di Palazzo Mocenigo
 NEL RITMO DEL COLORE. Danza di colori e trame (28 marzo - 3 giugno 2015) Venezia, Museo di Palazzo Mocenigo

* information on ticket sales and income generation not publicly available



Figure 1.

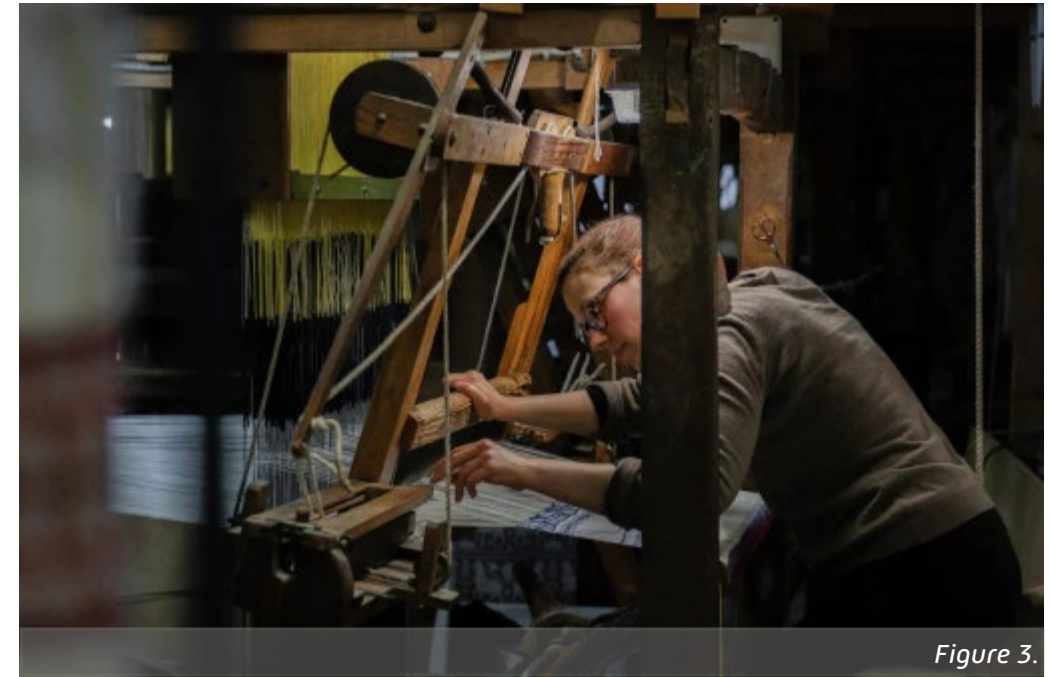


Figure 3.



Figure 2.



Figure 4.



Figure 5.



Figure 7.



Figure 6.



Figure 8.

COMPILED BY:

Eglė Kumpikaitė & Daiva Milašienė

POPULATION 2 805 298 (2023)**SIZE** 65 300 km²**GDP** \$ 137 billion (2022)

Lithuania

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR**Textile and clothing sector as part of GDP (in numbers and in percentage)**

Manufacture of textiles, clothing, leather and leather products:

1.5 % of GDP (2021).

€ 926,8 million (2019).

933 enterprisers.

Number of jobs in the sector

933 enterprises were active in the industry at the beginning of 2021 and 98% of them were small and medium sized enterprises (SMEs) with 1-249 persons employed. Number of employees is 23900 in 2021.

At the beginning of 2021 this industry has employed around 24 thousand workers or 2.5 % of total employment.

Characteristics of the sectors: production/design/retail

In 2020 domestically produced textiles, clothing and leather exports value declined by 11% and amounted to about € 0.7 billion. The decline in domestically produced exports in 2020 was mainly driven by the decrease of exports of apparel (not knitted or crocheted) – the exports value decreased by € 51 million (or 27%) to € 142 million. Whereas the largest increase in exports in 2020 was recorded for other made-up textile articles – the value increased by € 17 million (or 22%) to € 94 million.

Annual expenditure on clothing/citizen

€ 10 000 million per household in 2019. In 2019 household consumption expenditure contributed a major part (2.6 percentage point) to the final consumption expenditure growth (grew 2.7 %).

Fairs, fashion weeks, with the number of visitors

"Made in Lithuania", Kaunas, 5000–20.000 visitors

"Fashion Passage", Kaunas, 5000–20.000 visitors

"Moters Pasaulis (Woman's world)", Kaunas, 5000–20.000 visitors

"Baltic Fashion & Textile Vilnius", Vilnius, 20.000–50.000 visitors

"Style & Fashion", Klaipėda, 1000–5000 visitors

Major companies in the sector (with more than 500 employees)

AB "Utenos trikotažas", Utena (755 employees).

933 enterprises were active in the industry at the beginning of 2021 and 98% of them were small and medium sized enterprises (SMEs) with 1-249 persons employed. 23900 employees worked in the sector in 2021.

R&D initiatives in sustainable fibres, dyes, techniques etc.

"Liningas": linings from man-made fibres

"Klasikinė tekstilė": sustainable linen woven fabrics with Oeko-Tex standard and finishing

"Garlita": materials with functional yarns such as thermal regulating, flame retardant, cut and abrasion resistance, UV resistance, anti mosquito, antibacterial treatments

"Omniteksas": knitted garments from hemp, linen, organic cotton, and others

"Natūralus pluoštas": yarns from and with hemp fiber with Oeko-Tex standard

Major textile, dress and fashion education institutions

Kaunas University of Technology: Department of Production Engineering

Vilnius Academy of Art: Textile Department, Department of Costume Design

Vilnius Design College: Fashion Design studies

Vilnius College: Faculty of Arts and Creative Technologies

Number of graduates from design schools and vocational training in textile crafts

Kaunas University of Technology – 16 (2022, 12 – Bachelors, 4 – Masters);

Others not found.

National tangible or intangible UNESCO cultural heritage related to textiles

None.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes | See also education institutions

Kaunas University of Technology: Department of Production Engineering
 National Art Museum of Lithuania
 Open Air Museum of Lithuania
 National M. K. Čiurlionis Museum of Art

Education in textile conservation

None.

Education in textile history or textile archaeology

Vilnius Academy of Art: Textile Department, Department of Costume Design.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

National Art Museum of Lithuania
 Open Air Museum of Lithuania
 National M. K. Čiurlionis Museum of Art
 Lithuanian National Museum
 Alytus Local Museum
 Marijampolė Local Museum
 Kretinga Museum
 Šilutė Hugo Shoe Museum
 Kupiškis Ethnographic Museum

Major museum/archive collections of textiles/costumes

National Art Museum of Lithuania
 Open Air Museum of Lithuania
 National M. K. Čiurlionis Museum of Art
 Lithuanian National Museum

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

BALTIC FASHION & TEXTILE VILNIUS, Vilnius, Lithuania, 2017
 Choose the Lithuanian Product, Kaunas, Lithuania, 2017
 Orient in Lithuanian liturgical textiles XVI–XX c., Vilnius, Lithuania, 2017
 BALTIC FASHION & TEXTILE VILNIUS, Vilnius, Lithuania, 2018
 DESIGN WEEK LITHUANIA, Vilnius, Kaunas, Klaipėda, Šiauliai, Telšiai, Anykščiai and Utena, Lithuania, 2018
 BALTIC FASHION & TEXTILE VILNIUS, Vilnius, Lithuania, 2019
 Kauno bienalė, Kaunas, Lithuania, 2019
 Fashion Arcade, Kaunas, Lithuania, 2019
 BALTIC FASHION & TEXTILE VILNIUS, Vilnius, Lithuania, 2020
 Fashion Arcade, Kaunas, Lithuania, 2020
 Exhibition “Delmonas of Lithuania Minor. The Living Tradition”, Klaipėda, Lithuania, 2020
 Kaunas Biennial, Kaunas, Lithuania, 2020
 BALTIC FASHION & TEXTILE VILNIUS, Vilnius, Lithuania, 2021
 Fashion Arcade, Kaunas, Lithuania, 2021
 XII International Biennial of Textile Miniatures Visiting Card, Vilnius, Lithuania, 2021

* information on ticket sales and income generation not publicly available

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- [25] <https://www.akm.lt/>
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Figure 1. "Utenos trikofožas" garments

Bed linen

Bedding: bed sheets, duvet covers, pillow cases and other items.

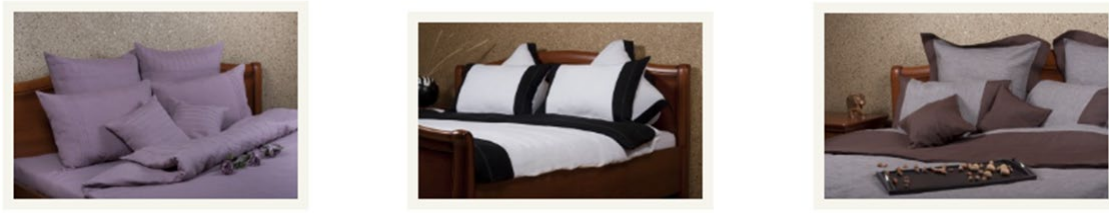


Table linen

Tablecloths, runners, placemats, napkins and other items.

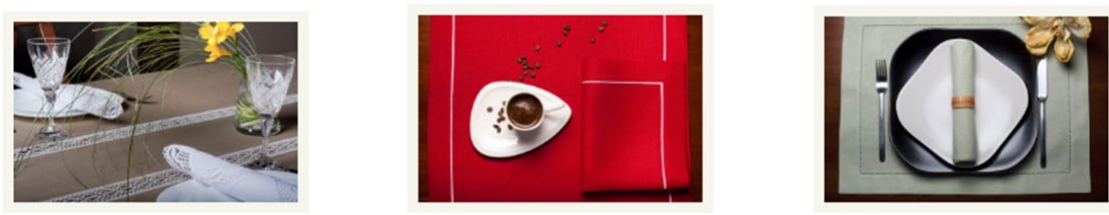


Figure 2. "Klasikinė tekstilė" garments



Figure 3. "Garlita" garments



Figure 4. Exhibition "Bedspreads of Aukštaitija region" in Open Air Museum of Lithuania



Figure 5. Exposition of National M. K. Čiurlionis Museum of Art "Archaic: Lithuanian Folk Art in the 18th–20th Centuries"

COMPILED BY:

Claire Bonavia & Annamaria Gatt

POPULATION 524 909 (2023)**SIZE** 316 km²**GDP** \$ 29 billion (2022)**THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR****Textile and clothing sector as part of GDP (in numbers and in percentage)**

Textiles and Clothing data was reported at 2.508 % in 2010. This records an increase from the previous number of 0.331 % for 2009 [1].

Number of jobs in the sector

Please see [2].

Characteristics of the sectors: production/design/retail

No information found.

Fairs, fashion weeks, with the number of visitors

Malta Fashion week
Malta Crafts

CULTURAL HERITAGE OF TEXTILES & DRESS**National tangible or intangible UNESCO cultural heritage related to textiles**

Maltese lacemaking
Other textile-related see [3].

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Secondary Schools Year 9 to Year 11- Fashion and Textiles VET
Post-Secondary
Advanced Diploma - Fashion and Retail
Advanced Diploma - Cultural Heritage Skills
Bachelor of Arts in Fashion
Tertiary Level
University of Malta
Department of History of Art including Decorative Arts; and Department of Baroque Studies

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

National Museum of Archaeology, Valletta: Weaving loom; and Phoenician fabric dyes.

Major museum/archive collections of textiles/costumes

The Inquisitor's Palace – National Museum of Ethnography, Vittoriosa
Malta Maritime Museum, Vittoriosa
National War Museum, Valletta
Gozo Museum

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

2018 Costume Display at The Inquisitor's Palace – National Museum of Ethnography, Vittoriosa. The exhibition was part of the museum entrance fee. 50,563 visitors. Paying admissions €1,696.

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COMPILED BY:

Anique Hamelink & Martine Teunissen

POPULATION 17 750 264 (2023)**SIZE** 41 865 km²**GDP** \$ 1.2 trillion (2022)

Netherlands

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR**Textile and clothing sector as part of GDP (in numbers and in percentage)**

Sales: 5,214 million (2018)

Export: 10,9 billion euro (79 percent is transit)

Number of jobs in the sector

84 650 jobs.

Characteristics of the sectors: production/design/retail

Mostly retail and transit to other countries, Research and Development too, but very little production

Annual expenditure on clothing/citizen

770 € on average (2022)

Fairs, fashion weeks, with the number of visitors

Amsterdam Fashion Week

Dutch Sustainable Fashion Week

Fashionweek The Hague

Major companies in the sector (with more than 500 employees)

C&A

Scotch & Soda.

Excellent Retail Brands (Coolcat, Wonder Woman, America Today, M&S mode)

G-Star Raw

SuitSupply

Goosecraft

R&D initiatives in sustainable fibres, dyes, techniques etc.

DyeCoo Textile Systems, water and chemical free dyeing

Biophilica: Production of faux leather using fallen leaves (Treetkind)

Lotte Blum: Vetegable fur made from Hemp using Biomimicry Protein technique

Inspidere: Transforming manure into bioplastic and regenerated cellulose fibres using the process of Mestic@

Database with sustainable fashion companies: Innovators - Dutch Circular Textile Valley

Major textile, dress and fashion education institutions

ROC (Amsterdam)

Meesteropleiding Coupeur (Amsterdam)

Zadkine (Rotterdam)

Koninklijke Academie van Beeldende Kunsten (The Hague)

Summa College (Eindhoven)

Hogeschool Saxion (Enschede)

Modint Academy, online specialized courses (Zeist)

Kostuumvereniging (with a yearly antique costume and textile market)

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

None.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes | See also education institutions

Textile Research Centre (Leiden). Independent research and conservation institute for historical textiles from around the world.

Textielcommissie: organises lectures and half yearly symposia + publishes Studies in Textiel.

Textielmuseum Tilburg: techniques old and new, development with artists, designers etc.

Modemuze: platform for fashion and costume heritage

Education in textile conservation

University of Amsterdam: Bachelors and Masters "Conservering en restauratie" (conservation and restoration).

Education in textile history or textile archaeology

There is no specialised study program available for textile archaeology or history. Training is done through internships with textile archaeologists or courses offered by the Textile Research centre.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Textielmuseum (Tilburg): history of industrial textile production

Fashion for Good (Amsterdam): innovative fashion and textiles

Museum de Kantfabriek (Horst): lace heritage

Museum Bussemakerhuis (Borne): history of industrial textile production

Major museum/archive collections of textiles/costumes

Textile Research Centre (Leiden): archaeological and historical collections from around the world.

Rijksmuseum van Oudheden (Leiden): archaeological textiles from ancient Egypt and the Netherlands primarily.

Volkenkunde museum (Leiden): archaeological textiles and costumes from World Cultures.

Tropenmuseum (Amsterdam) archaeological textiles and costumes from World Cultures.

Rijksdienst voor het Cultureel Erfgoed (Rijswijk): National collection of textiles.

Kunstmuseum (Den Haag) large costume collection and every year large costume exhibitions

Rijksmuseum (Amsterdam) small and bigger costume exhibitions

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Kunstmuseum The Hague: "Balenciaga – Meesterlijk zwart". Fashion exhibit (2022)

Kunstmuseum The Hague: 'Global Wardrobe' (2021)

Gemeentemuseum Den Haag: 'Femmes Fatales (2019)

Nieuwe Kerk Amsterdam: "MAISON AMSTERDAM". History of fashion design (2021)

Fashion for Good Museum Amsterdam: "Grow". Innovative sustainable textiles and design (2021)

Amsterdam Museum Amsterdam: "Fashion Statements". History and modern design combined (2019)

TRC Leiden: velvet exhibition (2019)

Rijksmuseum Amsterdam – exhibition on chintz (2019)

Hermitage – exhibition Juwelen! (2020)

Katwijkse museum – exhibition Katwijkse dracht en schilderpracht (2022)

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COMPILED BY:

Liljana Kovachovska & Nade Genevska Brachich

POPULATION 2 051 957 (2023)**SIZE** 25 713 km²**GDP** \$ 41 billion (2022)

North
Macedonia

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR

Textile and clothing sector as part of GDP (in numbers and in percentage)

Manufacture of textiles, clothing, leather and leather products \$ 33 822 billion • Per capita \$ 16 253; GDP (nominal) Total \$12 383 billion [5], Per capita \$ 6 143.

The textile and clothing sector contributes to 17% of the industry's GDP and 14% of total country exports.

Number of jobs in the sector

It employs 40 000 people or 1/3 of employees in the manufacturing industry. 35% of the total number of employees in the industry.

Characteristics of the sectors: production/design/retail

The textile and garment industry are one of the most developed economic sectors in North Macedonia, actively involved at various levels of production. produces over EUR 400 million worth of exports, contributing to a total of about 2.4% per cent of GDP. Most companies (over 90%) operate according to the lean production system, while only 10% can offer a complete package of services.

The leather industry and leather processing and crafts were developed in the 19th - 20th century. Today, Opincare, Shoes, Footwear, leather clothing is slowly being reduced to industrialization and import.

The garment industry in North Macedonia exports mainly to EU countries. 93% of the production is organized by the CM or CMT (Cut, Make& Trim) system for foreign markets. Full production and own brand production is partly exported and the rest is placed in the domestic market. The most important export destination, with more than 63,7% of exports, is Germany, followed by Greece, Netherlands, Italy, Great Britain, Austria, Switzerland, Bulgaria and Denmark.

Annual expenditure on clothing/citizen

450 – 750 euro (25, 848 denars to 46,126 denars).

Fairs, fashion weeks, with the number of visitors

Skopje Fashion Week

European University–Republic of Macedonia

Fair Wear Foundation North Macedonia – Fair Wear, fashion in Macedonia 2021 see [1-6].

Major companies in the sector (with more than 500 employees)

Skoje number employees 3.851, Tetovo n.e 3563, Gevgelija n.e 2.985, Bitola n.e 2.541 Strumica n.e 2.316, Kocani 1230, Valandovo 920, Veles 800.

Significant concentration in the eastern part of the country in city of Stip, with Light (every-day) clothing" such as shirts, blouses, T-shirts, etc." Astibo" – Stip and - "Macedonka" – Stip, number of workers 3009, (2001) "Lars", "Escada", "Linea", "B&E", "Elena" (Labod), "Modena", "Mont", "Milano", "Wabo", "ViU" – and semi-severe and severe confection (tailoring) "Zen-Vivendi" and "Le Monde" - in the mentioned 58 companies employ 5610 people.

A small number of Stip companies dedicate part of their products to the domestic markets, or for own export: "Grace" (about 5% of production), "Le Monde" (10%), "Beas-s" 20%, "Briteks" 20%, "Milan / Modena" 40%, "Zen Vivendi" 20% and "Stipko" 30%.

Albatros -99% lon, Lightweight; hats, blouses, boxer shorts n.v 235.

Tomas Style 99% lon, Lightweight for mens; shirts, blouses, boxer panties n.v 235.

Beas-S Light weight textiles for women; heavy textiles for men; 80% lon 20% proprietary product n.v 185.

Divas 100% lon suits, suits, trousers for men, n.v 200.

The other 23 companies: Partizanka (Kocani), Prima (Kocani), Dekorteks (Radovis), Frotirka (Delchevo), Goblenka (Delchevo), Alkaloid (Berovo), Strumica (Strumica pre-mill), Geras Cunev (Strumica), Edinstvo (Strumica), Nonca kamiseva (Veles), Goteks (Gostivar), Dekon (alone), Struzanka (Struga), Skuteks (Skudrinje), Bratstvo (Rostuse), Biljana (Prilep), Politkes (Prilep), Karpos (Kriva Palanka), Kiro Fetak (Kumanovo), Pelister (Bitola), Sniteks (Sveti Nikole), Politex (Stip), Jugotex (Strumica), C. Zvezda (Skopje).

Today most famous modern industry:

Bela

Okitex

Tetek

Astibo Basic

FIA Fashion mit

Makprimat | Production | Garment Development

Massimo Dutti Macedonia

PULL&BEAR Republic of Macedonia

Obnova

Fokabo fashion since 1969

The leather industry: Biana shoes Kumanovo; Glycer Kumanovo; De Marko - Kumanovo; Bargala AD Stip; Dimko-Veles.

R&D initiatives in sustainable fibres, dyes, techniques etc.

Faculty of Technology and Metallurgy in SKOPJE.
Institute of Chemistry, Faculty of natural science and mathematics Skopje.

Major textile, dress and fashion education institutions

Academies of Fine Arts – Ss. Cyril and Methodius University of Skopje
Institute of Art History and Archaeology
Institute of Ethnology and Anthropology Faculty of Natural Sciences and Mathematics, Ss. Cyril & Methodius University
Institute of national history
Faculty of Technology and Metallurgy
European university Skopje
Institute of Chemistry, Faculty of natural science and mathematics Skopje
Private International Fashion Institute – Izet Curi, Skopje
Private sectors

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

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Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes | See also education institutions

Ss. Cyril and Methodius University of Skopje
European University – Skopje
National Museum of North Macedonia
NI Institute and museum Bitola

Education in textile conservation

None.

Education in textile history or textile archaeology

Not specifically, however there are some departments dedicated to textiles belonging to Academies of Fine Arts:

Ss. Cyril and Methodius University of Skopje
St. Clement of Ohrid University of Bitola
Goce Delčev University of Štip
Институт за фолклор “Марко Цепенков” – Скопје Универзитет “Св. Кирил и Методиј”

There are a number of private university institutions, such as:

European University Skopje
AUE-FON Skopje
Djojlev and the art

There are a number of institutes: ethnology institute, folk institute.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

National Museum of North Macedonia
See also [20, 21].

Major museum/archive collections of textiles/costumes

National Museum of North Macedonia
NI Institute and museum Bitola
Museum of city Skopje
NI Museum Kumanovo
NI Institute and Museum Ohrid
NI Institute and Museum Strumica
NI Institute and Museum Stip
local city institutions
Ministry of Culture of the Republic of Macedonia

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/visitors and income generation

"Ethnology of Macedonia" Museum of North Macedonia Skopje, since 1997
"Embroidered memories in hour of Blaza Konevski" Museum of North Macedonia Skopje, 29.12.2021 Gordanche Vidinik curator.
"Traditional clothing", NI Institute and museum Bitola, 2018
"Vezilka", Museum of city Skopje, 2018

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Figure 1. Modern contemporary industry

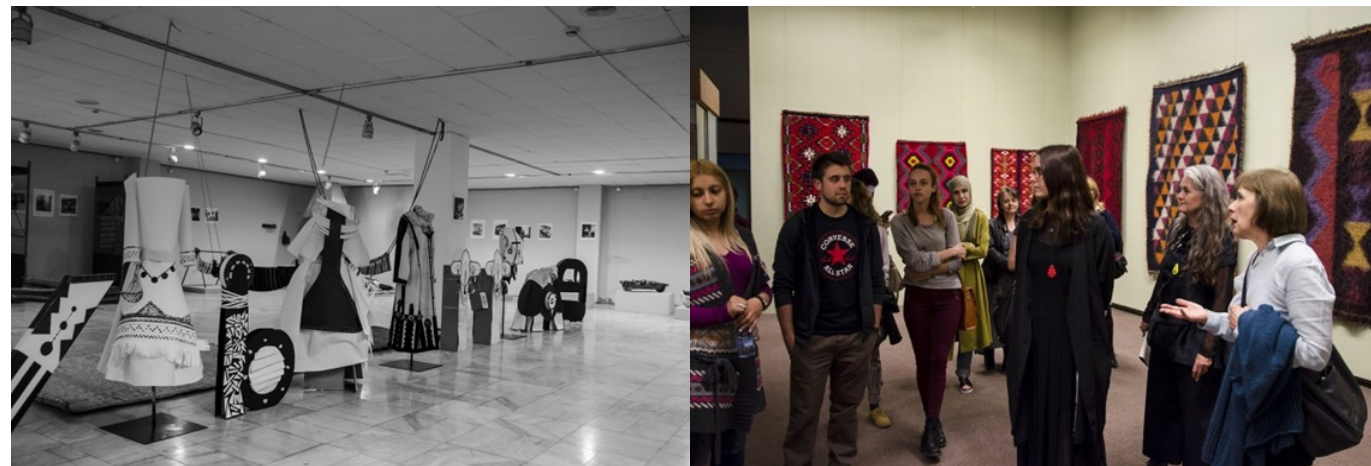


Figure 2. Workshop exhibition National Museum of North Macedonia Skopje



Figure 3. Traditional folk costume
Permanent exhibition "Ethnology in Macedonia" - National Museum of North Macedonia Skopje



Figure 4. Ni Institute and museum Bitola

COMPILED BY:

Hana Lukesova



Norway

POPULATION 5 496 014 (2023)**SIZE** 385 207 km²**GDP** \$ 627 billion (2022)**THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR****Textile and clothing sector as part of GDP (in numbers and in percentage)**

8 282 mill. NOK in 2018.

Number of jobs in the sector

Textile industry 2 568 jobs in 2018.
 Fashion industry 1 364 jobs in 2018.
 Leather industry 116 jobs in 2018.

Characteristics of the sectors: production/design/retail

Production and design.

Annual expenditure on clothing/citizen

12 619 NOK in 2018.

Fairs, fashion weeks, with the number of visitors

Norwegian Fashion Week (120 showrooms, 500 trademarks)
 SS23 Fashion week
 Oslo Design Fair
 NF&TA Conference (300 visitors)

Major companies in the sector (with more than 500 employees)

Helly Hansen AS

There are mainly smaller companies in Norway working with wool such as Janus (having around 130 employees).

NF&TA - Norwegian Fashion and Textile Agenda is a national cluster for the fashion and textile industry in Norway.

Fashion hub - A peer-to-peer industry organization, facilitating cooperation between Norwegian textile and fashion brands in a vast and complex business sector.

R&D initiatives in sustainable fibres, dyes, techniques etc.

Project on re-use and resirculation of textiles (1, 2)

Amazing grazing

Change

Major textile, dress and fashion education institutions

There are no textile, dress and fashion education institutions that are dedicated only to these topics, however, there are some offering courses in textiles and fashion such as:

Oslo MET

University of Bergen

Education in Textile Culture – Western Norway University of Applied Sciences

Tekstilkultur - Høgskulen på Vestlandet

Emneplan for Tekstilkultur 1(TEK801) 2022HØST - Høgskulen på Vestlandet

National tangible or intangible UNESCO cultural heritage related to textiles

Boatbuilding workshop in Os

Functional textiles such as ropes, sails and fishing nets are an undeniable part of the boatbuilding tradition in Norway.

Stoltzebanen rope manufacture in Bergen dates back to the 1690s and is considered the oldest preserved rope making workshop in Europe.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

University of Oslo/ UiO

UiO/IAKH

University of Bergen/ UiB

Education in textile history or textile archaeology

No dedicated textile courses as part of Art History, and Archaeology at Norwegian Universities as far known.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Søhus Trikotagefabrik

Haldens Bomuldsspinderi & Væveri

National Museum

Major museum/archive collections of textiles/costumes

Museum of Cultural History, Oslo

Norsk Folkemuseum

University Museum of Bergen

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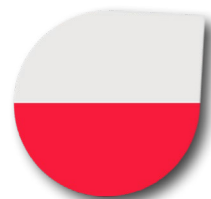
Figure 1. Stoltzebanen, source: Wikipedia Commons, Nina Aldin Thune



Figure 2. Salhus Trikotagefabrik, source: Wikipedia Commons, Peter Forras

COMPILED BY:

Dagmara Dąbrowska & Joanna Pawlik

POPULATION 36 624 748 (2023)**SIZE** 312 696 km²**GDP** \$ 1.6 trillion (2022)

Poland

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR**Textile and clothing sector as part of GDP (in numbers and in percentage)**

Information not found.

Number of jobs in the sector2019:

Data concerns only legal entities with 50 or more persons employed:

Preparation and spinning of fibres: 88.6K

Manufacture of man-made fibres: 91.7K

Weaving: 91.7K

Clothes manufacture, except fur: 93.4K

Manufacture of other textiles: 96.1K

Finishing of textiles: 98K

Characteristics of the sectors: production/design/retail

In Poland, this sector is divided into: manufacture of textiles; manufacture of clothes; manufacture of leather and leather products.

Annual expenditure on clothing/citizen

2018: Approximately 5% of monthly expenses.

2016, 2017: 5,6%, 5,5%.

Fairs, fashion weeks, with the number of visitorsFairs:

Mustache Yard Sale (45 000 visitors during 28 trade fairs)

HUSH WARSAW (1st edition more than 20 000 visitors)

Grand Bazar

Fashion in Warsaw

Bakalie

Kiermasz

SILESIA BAZAAR

WOW Fashion Select

Och! Bazar

Polska Szafa

Targi Mody Poznań

Fast Textile

Slow Fashion (since 2014, 2018)

Lodz Young Fashion

Fashion weeks:

Fashion Philosophy, Fashion Week Poland (two times per year, 2009-?, IX edition more than 15 000 visitors)

Cracow Fashion Week

Fashion Anatomy Fashion Week Poland (Cracow, two times per year, 2019-...)

Major companies in the sector (with more than 500 employees)

Reserved

House

Cropp

Mohito

Sinsay – all belong to LPP S.A.

4F: 4F Junior, 4F Proteam,

Outhorn,

Under Armour – OTCF S.A.

R&D initiatives in sustainable fibres, dyes, techniques etc.

Biliński textile factory in Lodz

Zakład Włókienniczy Biliński w Łodzi – textile dyeing with the use of digital printing technology (they have a Research and Development Department, in cooperation with other units they develop new textile technologies)

Major textile, dress and fashion education institutions

Łukasiewicz- Textile Research Institute, Lodz

Łukasiewicz Research Network - Institute of Biopolymers and Chemical Fibres, Lodz

Faculty of Design Arts, Academy of Fine Arts, Lodz

Faculty of Material Technologies and Textile Design, Lodz University of Technology

Fashion design – Clothing design, postgraduate education, Sopot University of Applied Sciences

The Faculty of Art, Kazimierz Pulaski University of Technology and Humanities in Radom

School of Artistic Fashion Design, Cracow Schools of Art

Szkoła Artystycznego Projektowania Ubioru, Krakowskie Szkoły Artystyczne

Faculty of Interior Design and Scenography, Department of Fashion, University of Arts in Poznań

Wydział Architektury Wnętrz i Scenografii, Katedra Ubioru, Uniwersytet Artystyczny w Poznaniu

Institute of Textile, Printing and Interior Design, Academy of Fine Arts in Lodz

Instytut Tkaniny, Druku i Stylizacji Wnętrz, Akademia Sztuk Pięknych w Łodzi

Academy of Fine Arts in Łódź

School of Form, SWPS University

Lodz University of Technology, Faculty of Material Technologies and Textile Design

International School of Fashion Design

Design:

Faculty of Science/Mathematics, Innovative Technologies and Modern Materials (specialisation: Design and Industrial Design), Natural and Technical Sciences - Jan Długosz University of Humanities and Sciences in Częstochowa

Wydział Nauk Ścisłych/Matematyczno-Przyrodniczy, Innowacyjne Technologie i Nowoczesne Materiały (spec. Design i Wzornictwo Przemysłowe), Przyrodniczych i Technicznych – Uniwersytet Humanistyczno - Przyrodniczy im. Jana Długosza w Częstochowie

Faculty of Mechanical Engineering, Industrial Design, Opole University of Technology
Wydział Mechaniczny, Wzornictwo przemysłowe, Politechnika Opolska

Faculty of Mechatronics and Mechanical Engineering, Industrial Design, Kielce University of Technology

Wydział Mechatroniki i Budowy Maszyn, Wzornictwo przemysłowe, Politechnika Świętokrzyska

Faculty of Architecture and Design, Design (including industrial design), Koszalin University of Technology

Wydział Architektury i Wzornictwa, Wzornictwo (m. in. spec. Wzornictwo przemysłowe), Politechnika Koszalińska

Faculty of Architecture and Design, Design and Materials Engineering, University of Arts in Poznań

Wydział Architektury i Wzornictwa, Wzornictwo oraz Inżynieria materiałowa, Uniwersytet Artystyczny w Poznaniu

Institute of Industrial Design, Warsaw

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

Kashubian embroidery of the Żuków school (on list since 2015)

Perebory - Bug river weaving traditions (on list since 2016, see Fig. 1 and 2)

Krakow bobbin/ block lace (on list since 2016)

Traditions of Koniaków lace (on list since 2017)

Embroidery from the Urzecze region (on list since 2020)

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Central Museum of Textiles, Lodz (fig. 3 and 4)

Institute of Natural Fibres & Medicinal Plants, National Research Institute (1,2,3) (fig. 5 and 6)

Museum of King Jan III's Palace at Wilanów (4,5)

Education in textile conservation

Academy of Fine Arts in Warsaw

Laboratory of Research and Conservation of Historic Fabrics, The Pontifical University of John Paul II in Cracow

Laboratory of Documentation and Conservation of Archaeological Finds, Institute of Archaeology, Nicolaus Copernicus University in Toruń

Education in textile history or textile archaeology

Department of Aegean and Textile Archaeology, Faculty of Archaeology, University of Warsaw

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Central Museum of Textiles, Lodz

Museum of the Factory, Lodz

Museum of Historical Costume in Poznań

National Museum in Warsaw

Virtual Museum of Fashion and Textiles

Weaving Museum in Kamienna Góra

Linen Museum in Żyrardów

Major museum/archive collections of textiles/costumes

Textile collection of the National Museum in Warsaw
Department XIX - Textiles, National Museum in Cracow

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/visitors and income generation

FASHIONable in Communist Poland, National Museum in Cracow, 12.2015-04.2016
Biennales and triennials in the Central Museum of Textiles in Lodz

Noteworthy artists, projects and craftspeople:

Magdalena Abakanowicz
Monika Drożyńska
Rzeczy Piękne - Beautiful Things
Izba Tkactwa Dwuosnowowego w Janowie
Dwuosnowowa.pl
Tartaruga Studio
Handwoven Canvas by Loermans & Pokojowczyk

* information on ticket sales and income generation not publicly available

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Figure 1. Silk fabrics dyed logwood with different mordants
(composition of dyes and dyeing Katarzyna Schmidt-Przewoźna, photo: Cezary Hładki)

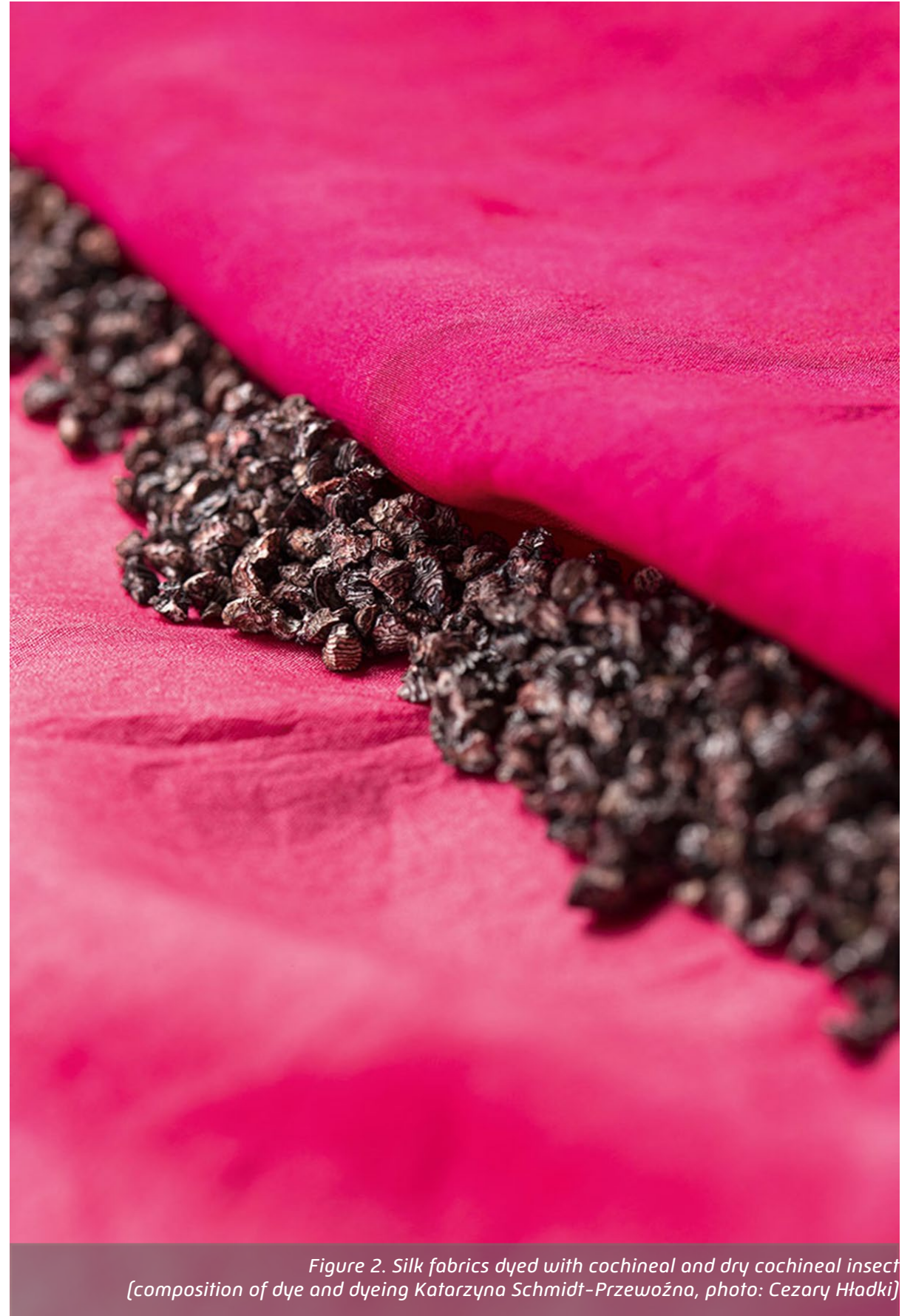


Figure 2. Silk fabrics dyed with cochineal and dry cochineal insect
(composition of dye and dyeing Katarzyna Schmidt-Przewoźna, photo: Cezary Hładki)



Figure 3. Central Museum of Textiles in Lodz, former textile White Factory
[photo Central Museum of Textiles in Lodz]



Figure 5. Sejpak textile handwoven by Sabina Knoch from Szczepki, Suwałki Region
[photo Marta Pokojowczyk]



Figure 4. 16th International Triennial of Tapestry
[photo Norbert Piwowarczyk]



*Figure 6. Double-weave textile handwoven by Teresa Przyłmont from Wasilówka Kolonia
(photo Marta Pokojowczyk)*

COMPILED BY:

Francisco B. Gomes, Catarina Costeira, Joana Sequeira, Paula Nabais & Maria João Melo



Portugal

POPULATION 10 352 260 (2023)**SIZE** 92 256 km²**GDP** \$ 430 billion (2022)**THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR****Textile and clothing sector as part of GDP (in numbers and in percentage)**

€ 10 605,38 million (2018) [1]

5,2% of global GDP (2018) [2]

Number of jobs in the sector

138 989 (2018) [3]

Characteristics of the sectors: production/design/retail

The available data, compiled by CENIT – Centre for Textile Intelligence for 2017, covers two main sectors: Textile and Clothing.

In terms of business volume, the latter is the most significant (€ 3819 Million). The confection of outerwear accounts for roughly 75% of the total, while the production of underwear, accounting for c. 10% of the total, constitutes the second most relevant activity.

The Textile Sector, with a business volume of € 3544 Million, is more diversified. Textile weaving is the most relevant activity (c. 19%), followed by the confection of non-dress textile articles (c. 15%), the finishing of textiles (c. 14%), and the production of knitwear (c. 12%). Other relevant segments of the sector include the production of other textiles (embroidery, lace and others) (c. 10%) and the preparation and spinning of fibres (c. 6,5%) [4].

Annual expenditure on clothing/citizen

€788 per year (2019) [5].

Fairs, fashion weeks, with the number of visitors

Portugal Fashion (37000 visitors in 2019) [6]

Lisbon Fashion Week (23000 visitors in 2020) [7]

Porto Fashion Week (number of visitors not available)

FIA (International Crafts Fair) (average of 60000 visitors per edition) [8]

CONTEXTILE – Art Bienal de Arte Têxtil Contemporânea (Biennial of Contemporary Textile) (number of visitors for the 2020 edition not available; c. 40000 visitors in the 2018 edition) [9]

Feira Nacional de Artesanato de Vila do Conde (National Crafts Fair of Vila do Conde) (average of 400000 visitors per edition) [10]

Major companies in the sector (with more than 500 employees)

Textile Industry comprise mostly small to middle companies. According to data from the General-Directorate of Economic Activities (for 2018), 77,8% of companies had less than 10 employees, 17,5% have 10 to 49 employees, 4,3% have 50 to 249 employees, and only 0,4% have more than 250 employees.

In 2018, major companies within this last rank included [11]:

Riopele – Têxteis, SA (883 employees, €81,1M) [12]

Lameirinho – Indústria Têxtil, SA (697 employees, €58M) [13]

Petratex – Confeções, SA (577 employees, €64,1M) [14]

Têxteis J.F. Almeida, SA (574 employees, €41,7M) [15]

Cotesi – Companhia de Têxteis Sintéticos, SA (524 employees, €81,1M) [16]

Cordex – Companhia Industrial Têxtil, SA (340 employees, €61,4M) [17]

Confetil, SA (267 employees, €61,8M) [18]

Copo Têxtil Portugal, SA (243 employees, €41,8M) [19]

Vieira & Marques, Lda. (233 employees, €61,8M) [20]

Polopique – Comércio e Indústria de Confeções, SA (211 employees, €70,3M) [21]

FSM – Indústria de Confeções, SA (175 employees, €56M) [22]

Ramiro & Carvalho, Lda (78 employees, €54,1 Millions) [23]

R&D initiatives in sustainable fibres, dyes, techniques etc.

CeNTI - Centre for Nanotechnology and Smart Materials (private non-profit R&D Institute) [24].

CITEVE – Technological Centre of the Textile and Clothing Industries of Portugal (industry-oriented Technological Institute) [25].

Major textile, dress and fashion education institutionsVocational Training:

MODATEX – Centre for Professional Training of the Textile, Clothing, Confection and Wool Industries [26]

AFTEBI – Association for Technological and Professional Training of Beira Interior [27]

Higher Education:

University of Beira Interior (MA in Textile Engineering; PhD program in Science and Engineering of Fibrous Materials)

University of Lisbon (MA in Clothing and Textile Design)

University of Minho (Integrated MA in Textile Engineering; MA's in Design and Marketing of Textile, Clothing and Complement Products and Textile Chemistry; PhD program in Textile Engineering)

Polytechnic Institute of Castelo Branco (BA in Fashion and Textile Design; MA in Clothing and Textile Design)

National tangible or intangible UNESCO cultural heritage related to textiles

No Portuguese textile or textile related heritage elements have so far been the object of international classification, namely by UNESCO, but several textile crafts have been inventoried as intangible heritage by the Portuguese General-Directorate of Cultural Heritage:

- Tibaldinho Embroidery [28]
- Arraiolos Carpets [29]
- Production and Transformation of Linen in Várzea de Calde [30].

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Cluster Têxtil: Tecnologia e Moda [Textile Cluster: Technology and Fashion] [31].

Education in textile conservation

NOVA University of Lisbon - NOVA School of Science and Technology – BA in Conservation-Restoration – Optional Course in “Textile Diagnostic and Conservation”;
Catholic University of Porto – Catholic School of Arts – BA in Conservation-Restoration – Course in “History, Materials and Technologies IV (Textiles, Canvases, Parchment and Leather)”.

Education in textile history or textile archaeology

No dedicated textile courses are currently offered as part of History or Archaeology Degrees at Portuguese Universities.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

National Museums:

- National Museum of Costume [Museu Nacional do Traje], Lisbon [32]
- MUDE – Museum of Design and Fashion [Museu do Design e da Moda], Lisbon [33]

Regional/ Local Museums:

- Textile Industry Museum [Museu da Indústria Têxtil], Vila Nova de Famalicão [34]
- Wool Museum [Museu dos Lanifícios], Covilhã [35]
- Textile Industries and Crafts Museum [Museu Industrial e Artesanal do Têxtil], Mira de Aire [36]
- Museum of Silk and Territory [Museu da Seda e do Território], Freixo de Espada à Cinta [37]
- Museum of Terras de Basto – Wool House [Museu das Terras de Basto - Casa da Lã], Cabeceiras de Basto [38]
- Museum of Embroidery and Clay [Museu do Bordado e do Barro], Nisa [39]
- Museum of the Embroidery of Madeira [Museu do Bordado da Madeira – IVBAM], Funchal [40]
- Linen Museum [Museu do Linho], Vila Verde [41]
- MUTEX – Textiles Museum [MUTEX - Museu dos Têxteis], Castelo Branco [42]

- Silk Museum [Museu da Seda], Castelo Branco [43]
- Museum of the Portalegre Tapestry – Guy Fino [Museu da Tapeçaria de Portalegre - Guy Fino], Portalegre [44]
- Weaving Museum of Meios [Museu de Tecelagem de Meios], Meios [45]
- Millinery Museum [Museu da Chapelaria], São João da Madeira [46]
- Museum of Shoes [Museu do Calçado], São João da Madeira [47]
- Costume Museum of Viana do Castelo [Museu do Traje de Viana do Castelo], Viana do Castelo [48]
- Costume Museum Gonçalo Sampaio [Museu do Traje Dr. Gonçalo Sampaio], Braga [49]
- Museum of Linen and Corn [Museu do Linho e do Milho], Matosinhos
- Linen Museum of Várzea de Calde [Museu do Linho de Várzea de Calde], Viseu [50]
- Bilros Embroidery Museum [Museu das Rendas de Bilros], Vila do Conde [51]
- Bilros Embroidery Museum of Peniche [Museu das Rendas de Bilros de Peniche], Peniche [52]
- MuT – Costume Museum [MuT - Museu do Traje], São Brás de Alportel.

Ecomuseums, Museological Nuclei, and Interpretation Centres:

- Santo Thyrso Factory – Textile Industry Interpretation Centre [Fábrica Santo Thyrso - Centro Interpretativo da Indústria Têxtil], Santo Tirso [53]
- Castelo Branco Embroidery Interpretation Centre [Centro de Interpretação do Bordado de Castelo Branco], Castelo Branco [54]
- Arraiolos Carpet Interpretation Centre [Centro Interpretativo do Tapete de Arraiolos], Arraiolos [55]
- Linen Museum – Ecomuseum of Ribeira de Pena [Museu do Linho - Ecomuseu de Ribeira de Pena], Ribeira de Pena [56]
- Museological Nucleus of Linen and Weaving [Núcleo museológico do linho e da tecelagem], Vila Velha de Ródão [57]
- Mértola Museum – Museological Nucleus of the Weaving Workshop [Museu de Mértola – Núcleo Museológico da Oficina de Tecelagem], Mértola [58]
- Museological Nucleus of the Belver Blankets and Tapestries [Núcleo Museológico das Mantas e Tapeçarias de Belver], Belver [59]
- Weavers House [Casa das Tecedeiras], Janeiro de Cima [60]

Major museum/archive collections of textiles/costumes

- National Museum of Costume [Museu Nacional do Traje], Lisbon [61]
- MUDE – Museum of Design and Fashion [Museu do Design e da Moda], Lisbon [62]
- National Museum of Archaeology [Museu Nacional de Arqueologia], Lisbon [63]
- National Museum of Ancient Art [Museu Nacional de Arte Antiga], Lisbon [64]
- National Museum of Ethnology [Museu Nacional de Etnologia], Lisbon [65]
- Popular Art Museum [Museu de Arte Popular], Lisbon [66]
- Machado de Castro National Museum [Museu Nacional Machado de Castro], Coimbra [67]
- Aveiro – Santa Joana Museum [Museu de Aveiro - Santa Joana], Aveiro [68]
- Orient Museum [Museu do Oriente], Lisbon [69]
- Museum of the Scientific and Cultural Centre of Macao [Museu do Centro Científico e Cultural de Macau], Lisbon [70]
- Calouste Gulbenkian Museum [Museu Calouste Gulbenkian], Lisbon [71]
- Decorative Arts Museum – FRESS [Museu de Artes Decorativas – FRESS], Viana do Castelo [72]
- Medeiros e Almeida House-Museum [Casa-Museu Medeiros e Almeida], Lisbon [73]

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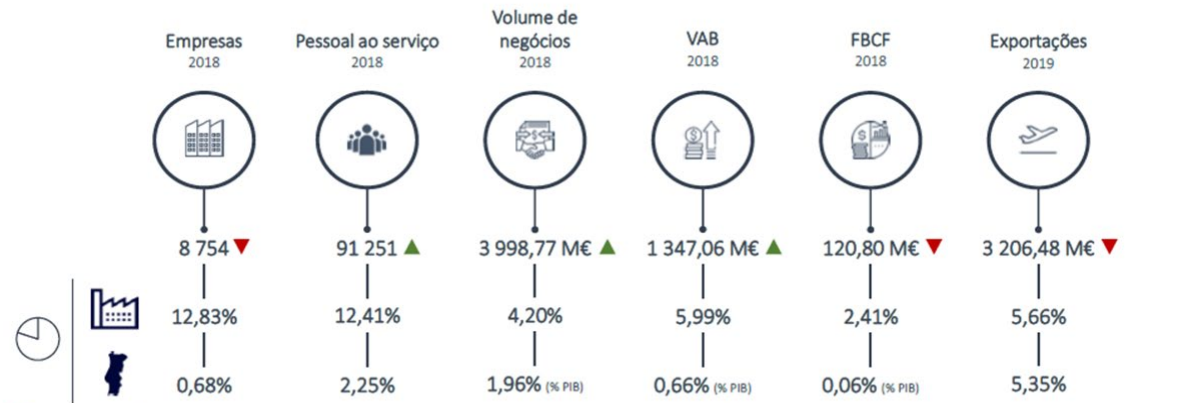


Figure 1. Major Indicators of Portuguese Clothing Industry for 2018: Number of Companies, Employees, Business Volume, Gross Added Value, Gross Fixed Capital Formation, Exports, source: DGAE

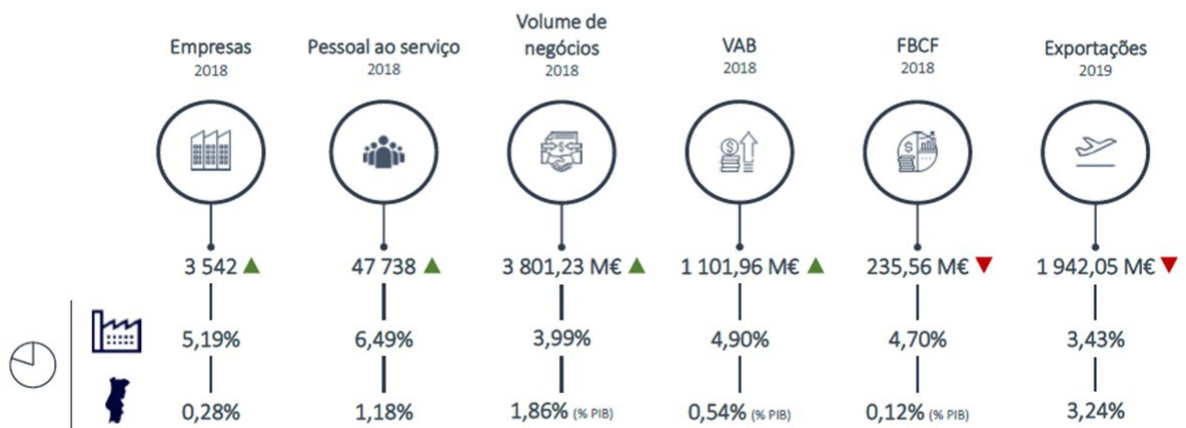


Figure 2. Major Indicators of Portuguese Textile Industry for 2018: Number of Companies, Employees, Business Volume, Gross Added Value, Gross Fixed Capital Formation, Exports, source: DGA

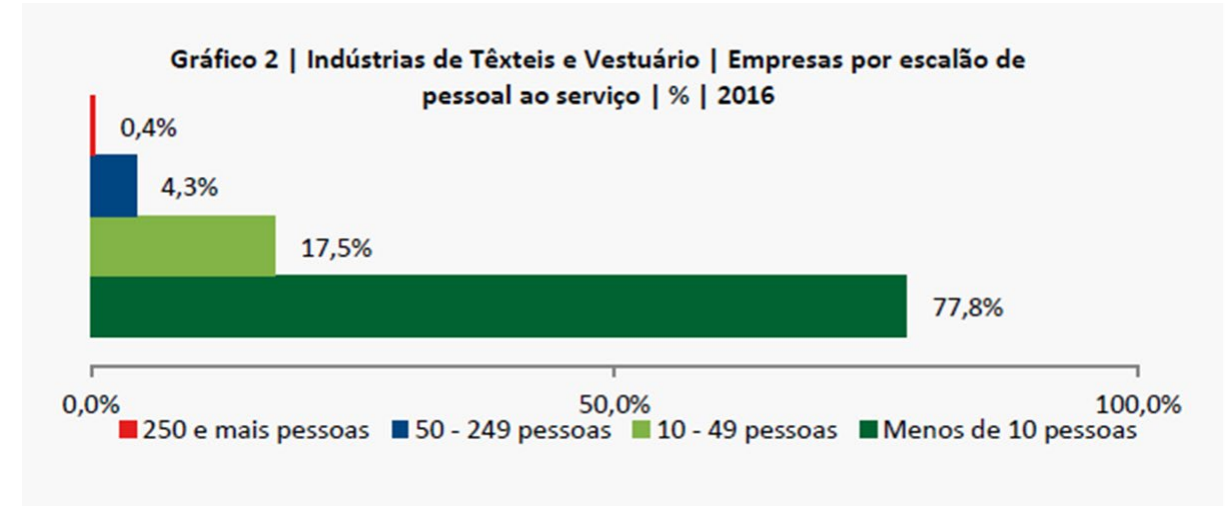


Figure 4. Size of Portuguese Textile and Clothing Companies by Number of Employees (> 250, 50 – 249, 10 – 49, < 10), source: DGAE

Empresas	Subsetor	N.º Empregados	Volume de Negócios (milhões €)
Cotex – Companhia de Têxteis Sintéticos, SA	Têxtil	524	81,1
Polopique – Comércio e Indústria de Confeções, SA	Vestuário	211	70,3
Rioplele - Têxteis, SA	Têxtil	883	70,2
Petratex - Confeções, SA	Vestuário	577	64,1
Vieira & Marques, Lda.	Vestuário	233	61,8
Confetil, SA	Vestuário	287	61,8
Cordex – Companhia Industrial Têxtil, SA	Têxtil	340	61,4
Lameirinho – Indústria Têxtil, SA	Têxtil	697	58,0
FSM – Indústria de Confeções, SA	Vestuário	174	56,0
Ramiro & Carvalho, Lda	Vestuário	78	54,1
Copo Têxtil Portugal, SA	Têxtil	243	48,3
Têxteis J.F. Almeida, SA	Têxtil	574	41,7

Figure 5. Largest Textile Companies in Portugal by number of Employees and Business Volume, source: DGAE

Household expenditure by consumption purpose - COICOP, Member States, 2019, cumulated % of GDP

	Total	Food and non-alcoholic beverages	Alcoholic beverages, tobacco and narcotics	Clothing and footwear	Housing, water, electricity, gas and other fuels	Furnishings, household equipment and routine household maintenance	Health	Transport	Communications	Recreation and culture	Education	Restaurants and hotels	Miscellaneous
EU - 27	52,6	6,8	2,1	2,4	12,3	2,9	2,3	6,9	1,3	4,6	0,5	4,6	5,9
EA - 19	52,7	6,6	2,0	2,4	12,5	2,9	2,3	7,0	1,2	4,5	0,5	4,8	6,0
Belgium	48,9	6,2	2,0	2,3	11,7	3,0	3,3	5,5	1,0	4,1	0,2	3,3	6,4
Bulgaria	61,9	11,4	3,3	2,1	12,4	3,2	4,0	8,5	2,9	5,1	0,7	4,3	4,1
Czechia	48,0	7,4	3,7	1,7	12,7	2,6	1,2	4,8	1,3	4,2	0,3	4,2	3,7
Denmark	45,4	5,2	1,6	1,9	12,7	2,5	1,3	5,5	0,9	5,3	0,4	2,9	5,3
Germany	49,9	5,4	1,6	2,2	11,9	3,2	2,6	7,0	1,1	5,4	0,5	2,8	6,1
Estonia	48,4	9,3	3,6	3,0	9,1	2,2	1,6	5,7	1,1	4,3	0,3	4,1	4,2
Ireland	28,2	2,4	1,4	1,1	7,2	1,2	1,4	3,5	0,7	1,9	0,5	4,2	2,7
Greece	76,1	11,6	3,4	3,2	14,5	2,0	3,2	9,8	3,0	4,5	1,6	13,6	5,7
Spain	59,4	7,4	2,3	2,4	13,1	2,7	2,5	7,4	1,5	4,5	0,9	8,9	5,9
France	52,2	6,8	2,0	1,8	13,7	2,4	2,1	7,4	1,2	4,1	0,3	4,0	6,5
Croatia	73,0	13,3	4,8	3,1	11,8	3,5	3,2	6,8	2,9	6,4	0,7	10,9	5,5
Italy	60,9	8,7	2,5	3,6	13,7	3,7	2,1	7,9	1,3	4,1	0,6	6,3	6,3
Cyprus	70,7	8,0	3,4	3,3	11,0	3,4	2,9	10,8	1,8	5,2	2,1	11,8	7,0
Latvia	59,5	10,8	4,4	2,9	12,4	2,1	2,9	7,2	1,7	5,8	1,0	4,5	3,9
Lithuania	60,3	12,2	3,5	3,5	9,0	4,3	2,9	9,5	1,6	4,9	0,3	2,7	6,0
Luxembourg	32,9	2,9	2,8	1,7	8,0	1,8	1,0	5,3	0,4	2,0	0,3	2,3	4,4
Hungary	49,9	8,7	3,8	1,8	9,9	2,6	2,0	6,4	1,5	3,8	0,9	4,6	4,2
Malta	54,9	6,8	2,0	3,2	6,8	2,5	2,4	6,4	1,6	4,9	1,1	11,2	6,0
Netherlands	43,2	4,9	1,3	2,2	10,5	2,6	1,4	5,4	1,0	4,3	0,3	3,8	5,4
Austria	51,7	5,0	1,6	2,9	11,6	3,4	2,0	6,2	1,0	5,2	0,5	7,2	5,1
Poland	57,1	9,4	3,5	3,0	11,4	3,2	3,3	7,3	1,2	4,7	0,6	2,1	7,2
Portugal	68,2	11,0	2,2	4,0	12,0	3,3	3,6	9,0	1,5	3,8	1,0	9,5	7,3
Romania	61,7	16,0	3,2	4,2	10,9	4,1	3,1	7,7	2,1	4,3	0,7	2,7	2,6
Slovenia	54,8	7,6	2,5	3,0	10,1	2,8	2,1	9,3	1,6	5,2	0,7	4,3	5,6
Slovakia	55,9	9,7	3,0	2,3	15,9	3,4	1,3	3,6	1,7	5,4	0,8	3,7	4,9
Finland	50,0	5,7	2,3	2,0	14,4	2,3	2,4	5,9	1,2	5,1	0,2	3,4	5,1
Sweden	43,6	5,4	1,5	1,8	11,3	2,6	1,4	5,7	1,4	5,0	0,1	3,0	4,6

Figure 3. Total Household Expenditure by Purpose, including expenditure with Clothing and Footwear, source: Eurostat.

COMPILED BY:

Irina Petroviciu

POPULATION 18 624 842 (2023)

SIZE 238 397 km²

GDP \$ 794 billion (2022)



Romania

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR

Textile and clothing sector as part of GDP (in numbers and in percentage)

22 000 000,000 RON (4 400 000,000 EURO), 3,3-3,4%.

Number of jobs in the sector

2018: manufacture of textile-men: 11 654, women: 28 622; manufacture of clothing-men: 16 587; women: 108 732].

Characteristics of the sectors: production/design/retail

Production.

Annual expenditure on clothing/citizen

2018: only 39.2% of the people with an income can afford to buy new clothes (7 812 RON).

Fairs, fashion weeks, with the number of visitors

2019:

MODEXPO fair: over 10.000 visitors (specialists and general public), over 30 side events, catwalk shows, tailoring workshops).

Feeric Fashion Week. Feeric, an acronym meaning "Fashion as Enhancive Experience for Romanian and International Creators," held in Sibiu, has emerged in recent years as a leader in Eastern European fashion.

Bucharest Fashion Week is the biggest and most important Fashion Event in Romania.

Major companies in the sector (with more than 500 employees)

Clusters in the textile industry:

ASTRICO NE Cluster, located in the North-East Region

Romania Textile Design (RTxC) Cluster located in the Bucharest-Ilfov Region

Traditions Manufacture Future (TMV) Cluster, located in South-East Region

"Transilvania" Textile&Fashion Cluster, located in the Centre Region

R&D initiatives in sustainable fibres, dyes, techniques etc.

National Institute of Research and Development for Textiles and Leather (ex. fabrics to protect crops from excessive sunburn, insect, bird and hail were making by transparent polyethylene monofilament yarn stabilized through UV).

Technological and Business Incubator ITA TEXCONF.

Major textile, dress and fashion education institutions

Please see next page.

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

Traditional wall-carpet craftsmanship in Romania and the Republic of Moldova, 2017.
 Craftmanship of the Traditional Blouse with Embroidered Shoulder (Camasa cu altita) - a Cultural Identity Element in Romania and the Republic of Moldova" - for National intangible UNESCO cultural heritage (documentation being finalized in 2021).

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Muzeul Textilelor.

Education in textile conservation

University of Art and Design, Timisoara.

Education in textile history or textile archaeology

not specifically, however there are some departments dedicated to textiles belonging to Academies of Fine Arts:

Universitatea Nationala de Arte Bucuresti - National University of Arts Bucharest (UNArte), Faculty of Decorative Arts and Design, Textile Arts and Design Department

Universitatea Nationala de Arte Iasi, Textile Arts and Design Department

Universitatea de Arte si Design Cluj-Napoca, Textile Arts and Design Department

Universitatea de Vest din Timisoara

Universitatea Tehnica "Gheorghe Asachi" Iasi (Technical University "Gheorghe Asachi" Iasi) Faculty of Textiles and Leather and Industrial Management, Textile Products Technology and Design

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Muzeul Textilelor, Baita and Hartagani, Hunedoara County (fully dedicated to textile)

Partially dedicated to textiles:

Muzeul National de Artă a României, National Museum of Arts

Muzeul National de Istorie a României (National Museum of Romanian History)

Muzeul Municipiului Bucuresti

The Holy Monastery Putna (other monasteries also preserve collections of liturgical textiles)

Muzeul National Brukenthal Sibiu

Muzeul Judetean de Istorie si Arheologie Prahova

Muzeul National al Satului "Dimitrie Gusti", Bucharest (partially dedicated to textiles)

Muzeul National al Taranului Roman, Bucharest

Complexul National Muzeal ASTRA Sibiu

Muzeul Etnografic Brasov (partially dedicated to textiles)
 (many other museums all over Romania preserve collections of traditional textiles)

Galeria de costume pentru teatru Doina Levintza (Doina Levintza Gallery of Theatre Costumes, Bucharest (fully dedicated to costumes)

Major museum/archive collections of textiles/costumes

See previous point.

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Textiles—Art and Necessity. Highlights of the Muzeul Textilelor Collection. May–November, 2018, Muzeul Textilelor

Fashion in Interwar Bucharest, 2020, Muzeul Municipiului Bucuresti

Textile Fibres Memory: from Hand Knitting to Machine Knitting (Memoria fibrelor textile, de la impletitul manual la triicotajul mecanic, 2017–present, in Permanent Exhibition Textile Heritage (Patrimoniul textil), guide of Brasov Ethnographic Museum

Reconstruction of Traditional Implements Clothes Processing in village of Lisa, Brasov County, and their Adjustment for Integration into Tourist Circuit – since 2002 to present

Wool and Water. Woven Felted Blankets from Balkan-Carpathian Region. May–November, 2019, Muzeul Textilelor

Cloth makes people. Six centuries of cloth history, National Museum of Romanian History, 2014

* information on ticket sales and income generation not publicly available

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COMPILED BY:

Jasmina Ćirić

POPULATION 6 699 916 (2023)**SIZE** 77 474 - 88 361 km²**GDP** \$ 161 billion (2022)

Serbia

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR**Textile and clothing sector as part of GDP (in numbers and in percentage)**

Serbia Industrial Production: Mfg: Textile: Linen data was reported at 808.000 m² in 2016.

This records an increase from the previous number of 589.000 m² for 2015.

Serbia Industrial Production: Mfg: Textile: Linen data is updated yearly, averaging 1,347.000 m² from Dec 2003 to 2016, with 13 observations. The data reached an all-time high of 2,739.000 m² in 2003 and a record low of 589.000 m² in 2015.

Serbia Industrial Production: Mfg: Textile: Linen data remains active status in CEIC and is reported by Statistical Office of the Republic of Serbia. The data is categorized under Global Database's Serbia (1,2).

Number of jobs in the sector

12.753 jobs in textiles; 37.529 manufacture of clothes; 14.217 manufacture of leather and leather goods.

Characteristics of the sectors: production/design/retail

Strong tradition of manufacturing and exports combined with proven experience in maintaining customer relations and meeting customer requirements based on the international standards, contribute to a steady increase of the export volume in this sector. As a result, in 2014 total exports of textile industry exceeded 1 billion euros, which represents a rise of 8% compared to the exports in 2013. In terms of the number of investment projects and jobs created, with more than 30 investors, the textile industry ranks quite high on the list of sector attractiveness. Companies such as Benetton, Calzedonia, Golden Lady, Pompea, Falke, Geox and many more are extensively using their production facilities as secondary manufacturing sites for the production of high-quality apparel. Thus, they can react quickly to smaller orders with quick turnaround times. Over the last 10 years, the Serbian fashion industry has evolved from a domestic, manufacturing-based industry into a design-led sector operating in the global marketplace. Many Serbian design students go on to work in global fashion houses which promote the Serbian fashion industry abroad. Serbia's textile sector predominantly trades with EU member countries (Italy, Germany, France, Romania, and Slovenia), countries in the Region (Montenegro and Bosnia and Herzegovina), the Russian Federation, Turkey, and China.

Annual expenditure on clothing/citizen

No information available.

Fairs, fashion weeks, with the number of visitors

Serbia Fashion Week

Major companies in the sector (with more than 500 employees)

Panteks a.d. (Sremski Karlovci)

Gutto d.o.o. (Beška)

Euromitex (Niš)

Textil d.o.o. (Užice)

ABM textile (Kraljevo)

Angora d.o.o. (Jagodina)

Jasmil (Arlje)

Martini Vesto (Leskovac)

Iskon (Belgrade)

Azzuro (Kruševac)

R&D initiatives in sustainable fibres, dyes, techniques etc.

No information available.

Major textile, dress and fashion education institutions

School for Textile Design, Belgrade

Textile School for Design, Technology and Management

Textile Department (Technical School), Mladenovac

Textile Design, Metropolitan University in Belgrade

Fashion Design, Faculty of Contemporary Arts in Belgrade

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

On the list of intangible heritage: kolo and dancers of kolo with traditional costumes (3).

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Museum of Applied Art

Museum of Serbian Orthodox Church, permanent exhibition of liturgical textiles

Regional Museum of Jagodina

University of Novi Sad, Faculty of Philosophy

University of Belgrade, Faculty of Philosophy

University of Kragujevac, Faculty of Philology and Arts

Education in textile conservation

Museum of Applied Arts

Arachne Studio

Education in textile history or textile archaeology

Academy of Textile and Apparel Design

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Museum of Applied Arts

Ethnographic Museum in Belgrade

Museum of Serbian Orthodox Church

Major museum/archive collections of textiles/costumes

Museum of Applied Arts

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

Ethnographic Museum in Belgrade:

Embroidery of My Granny: History of lace in the family of Aleksandra Vučetić (2019)

Textile and ornaments in the history of Serbs: 18th to 20th century (2018)

Intangible cultural heritage of Serbia (2018)

Kosovo and Sarkoz Embroidery: Cultural parallels (2018)

Preserve for the Future : the exhibition of the Department of Conservation and Restoration of the Ethnographic Museum in Belgrade on the occasion of 60 years of their activities (2017)

Museum of Applied Art, Belgrade:

Fashion in Modern Serbia (19 to 20th century) (2020)

Shoes, Tradition and Fashion: Female Shoes from 19th and 20th c. from the collection of the Museum of Applied Art in Belgrade (2019)

Between past and future: 20 years of authorship of fashion design in Serbia (2016)

Bags: female bas from 19th and 20th century from the Collection of the Museum of Applied Art in Belgrade (2016)

* information on ticket sales and income generation not publicly available

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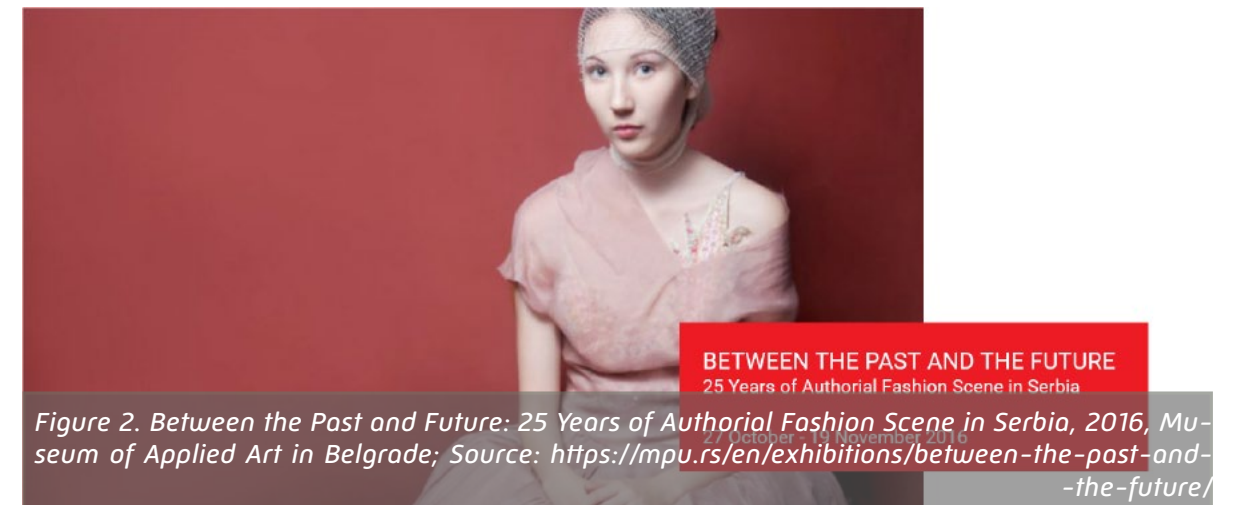
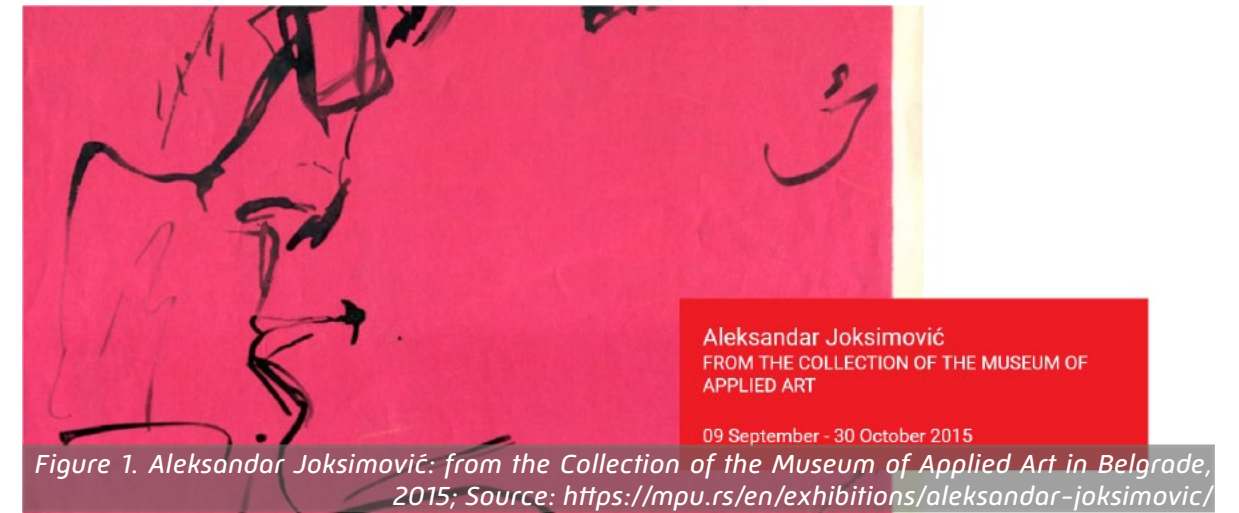




Figure 4. Fashion in Modern Serbia: Fashion in Serbia in the 19th and Early 20th Centuries in the Collection of the Museum of Applied Art in Belgrade; 2020; Source: <https://mpu.rs/en/exhibitions/fashion-in-modern-serbia/>



Figure 6. Kosovo and Sarkoz Embroidery: Cultural Parallels; Ethnographic Museum in Belgrade 2018; Source: <https://etnografskimuzej.rs/wp-content/uploads/KOSO-VSKI-I-SARKOSKI-VEZ.jpeg>



Figure 5. Intangible cultural heritage of Serbia, Ethnographic Museum in Belgrade, 2018; Source: <https://etnografskimuzej.rs/wp-content/uploads/NKNS.jpeg>



Figure 7. Conservation: We are saving for the Future; Ethnographic Museum in Belgrade; 2017; Source: <https://etnografskimuzej.rs/wp-content/uploads/KONZERVACIJA.jpeg>

COMPILED BY:

Tereza Štolcová, Zuzana Šidlíková, Eva Hasalová, Sylvia Birkušová & Juraj Zajonc

POPULATION 5 322 188 (2023)**SIZE** 49 035 km²**GDP** \$ 203 billion (2022)**THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR****Textile and clothing sector as part of GDP (in numbers and in percentage)**

Manufacture of textiles, clothing, leather and leather products:

0,79% of GDP (2014).

597 581 million € (2014) - 275 125 million € of clothing products, i.e. 0,36%.

Number of jobs in the sector

34 019 jobs (2014) in textiles, clothing, leather and leather products (Dobré Noviny 2016). In textile and clothing industry sector in Slovakia is currently working around 10.000 people. From 1989 to 2017, their number decreased by 56 000 (1-6).

Characteristics of the sectors: production/design/retail

"In present times textile and clothing products represent 5.9% of the whole of Slovakian exports, while the rate of total exports to EU countries is 82.1%. Textile and clothing products represent 4.5% of the total imports to Slovakia, while 59% of products are imported from EU countries. Approximately half of Slovakian textile and clothing goods are imported, while the other half are from domestic production" (1). The average Slovak buys about 13 kg of clothes and other textiles per one year (8).

Annual expenditure on clothing/citizen

1.48 billion euros per household in 2019 (7).

Fairs, fashion weeks, with the number of visitors

Bratislava Fashion Days

Fashion LIVE!

Eurovea Fashion Forward

Košice fashion Week

Trenčín mesto módy

Major companies in the sector (with more than 500 employees)

According to FinStat:

LOWA PRODUCTION s.r.o. Bošany (1000-1999 employees)

EUROOBUV s.r.o. Komárno (500-999 employees)

ECCO Slovakia, a.s. Martin (500-999 employees)

Howe Slovensko s.r.o. Košice (500-999 employees)

Gabor spol. s r.o. Bánovce nad Bebravou (500-999 employees)

Tytex Slovakia s.r.o. (500-999 employees)

Year 2019 an average number of employees in Slovakia in textile industry it was 4624, in clothing industry it was 8975 and in footwear industry and leather processing it was 8163 employees (10).

R&D initiatives in sustainable fibres, dyes, techniques, among others

VÚCHV – Research Institute for Man-Made Fibers, Svit: mixed fibers, color concentrates for dyeing PP and PET fibers

VÚTCH – Research Institute of Textile Chemistry - CHEMITEX, spol. s r.o., Žilina: development of textile auxiliaries, antimicrobial fibers

Institute of Polymers of the Slovak Academy of Sciences, Bratislava: development of fibers and polymers

Chemosvit, Svit: polypropylene processing

Major textile, dress and fashion education institutions

Academy of Fine Arts and Design in Bratislava: Conservation and Restoration Department - Studio of Textile Conservation and Restoration; Textiles Department

Academy of Performing Arts in Bratislava: Theatre Faculty, Set and Costume Department

School of art industry in Trenčín: Clothing design department; Stage design - costume design

School of Artistic Industry Josef Vydra in Bratislava, Textile Design Studio

Private School of Design in Bratislava: A-Level Study: Fashion design. Higher vocational education: Fashion and textile design

School of Artistic Industry in Ružomberok, Textile design, Clothing and Costume design

Slovak Fashion Council: supports Slovak fashion and textile designers, as well as companies with related activities in penetrating into the local and foreign market.

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

Only on a national level: in the Representative List of textile remarkable elements of the intangible cultural heritage of Slovakia:

- Ornament from Čataj and Veľký Grob
- Tulle bobbin lace from the Myjava Highlands
- Blueprint

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

- Academy of Fine Arts and Design in Bratislava
- Museum of History of the Slovak National Museum in Bratislava
- The Institute of Ethnology and Social Anthropology of the Slovak Academy of Sciences
- Institute of Archaeology of the Slovak Academy of Sciences in Nitra
- Institute of History of the Slovak Academy of Sciences in Bratislava
- Faculty of Arts of Comenius University in Bratislava, Department of History of Visual Arts
- Trnava University, The Faculty of Philosophy and Arts, Department of History and Theory of Art

Education in textile conservation

- Academy of Fine Arts and Design in Bratislava: Conservation and Restoration Department - Studio of Textile Conservation and Restoration
- Museum of History of the Slovak National Museum in Bratislava

Education in textile history or textile archaeology

- Academy of Fine Arts and Design in Bratislava
- Invited lectures from textile specialists: Comenius University Bratislava, Constantin the Philosopher University in Nitra and Faculty of Philosophy and Arts, Trnava University

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

- Museum of History of the Slovak National Museum in Bratislava
- ÚLUV - Museum of Folk Art and Crafts, Stupava
- Ethnography Museum in Martin, Slovak National Museum
- Slovak Design Museum in Bratislava

Major museum/archive collections of textiles/costumes | See also previous point

- The Nitra Castle
- Slovak Mining Museum in Banská Štiavnica
- Museum of Coins and Medals in Kremnica
- Museum Betliar, Slovak National Museum
- The Šariš Museum in Bardejov
- Spiš museum in Levoča, Slovak National Museum
- Museum of Jewish Culture in Bratislava, Slovak National Museum
- The Jewish Museum in Prešov
- Bratislava City Museum
- East Slovak Museum in Košice

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation

- Exposition of the liturgical vestments in the Cathedral Tower, Nitra Castle, from 2017
- 100 years of Slovak design, including textiles, from 2018
- Fashion collection by Lenka Sršňová, 2019-2020
- Textile production, Museum of Coins and Medals in Kremnica 2019-2020
- Traditional Clothing of Turiec, Slovak national Museum in Martin, 2019
- Sew Long! Fashion in Slovakia 1945 – 1989, Slovak National gallery in Bratislava 2017
- Orava Castle, 17th cent. Dress from Thurzo and Henkel family, from 2017-until today
- A Yarn of Wool, The Centre for Folk Art Production Bratislava, 2017-2018
- The Textile Experience. Bibiana Bratislava 2016
- #Textile - Slovak Centre of Design, Bratislava, 2017-2018
- Parameters - liturgical textiles at Bratislava Castle, 2015-2016
- VyKROJenô - traditional folk clothing in Slovakia, The Centre for Folk Art Production Bratislava, 2015-2016
- Textile Art of Today, 5th International Triennale of Textile Art, Danubiana Meulensteen Art Museum
- Na mólo! Slovak National Gallery 2015-2016
- Dyed Blue, Indigo print in tradition and fashion, The Centre for Folk Art Production Bratislava, 2014-2015

* information on ticket sales and income generation not publicly available

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- [2] Dobré Noviny 2016: Odevný priemysel napĺňa štátny rozpočet ročne sumou do 40 mil. eur
- [3] FinStat
- [4] Legéň M., 2019. *Matadorov drží výroba pre zahraničné módné značky*
- [5] Luptáková, M., Maleš, I., Csefalvaiová, P. 2020: *Textilný a odevný priemysel. Problémy a riešenia*. Bratislava
- [6] *Profil slovenskej kultúry*
- [7] Shahbandeh 2021: *Consumer spending on clothing in Slovakia 2008-2019*
- [8] Slezáková 2019: *Textilný odpad*
- [9] Statistical Office of the Slovak Republic
- [10] Sudek 2020: *V ľahkom priemysle rástol vlani iba textile*



Figure 1. Exhibition *Sew Long! Fashion in Slovakia 1945 – 1989*, Slovak National gallery in Bratislava 2017. Photo: Pavel Janek: *Fashion Photography for Móda XX Magazine*, 1970, no. 4. Clothing: ÚBOK, Prague; Clothing company, Prostějov. Private property.



Figure 2. Overcoat of Juraj Thurzo, 17th century, Orava Castle.



Figure 4. Chasuble from Slovakia, Hronský Beňadik Monastery, end of the 18th century. Length 100 cm, width 70 cm. Owner: Slovak National Museum – Historical Museum UH 8742. Credits: Hasalová, E. – Piatrová A. 2015: Paramenty: liturgické textilie. Katalóg výstavy. SNM – Historické múzeum Bratislava, 324–325.



Figure 3. Blueprint from Petr Trnka's workshop 2014, P. Trnka's archive. Credits: photo Martin Kleibl



Figure 5. Dress from the collection Fullove, 2018 by Lenka Sršňová. Credits: photo Peter Spurný

COMPILED BY:

Ester Alba Pagán & Lola Serrano Niza

POPULATION 47 569 620 (2023)**SIZE** 505 990 km²**GDP** \$ 2.1 trillion (2022)

Spain

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR**Textile and clothing sector as part of GDP (in numbers and in percentage)**

In 2020, the relative contribution of the fashion business in Spain (GDP) fell to 2.4%, compared to 2.8% in 2019 (COVID-19) [1].

Number of jobs in the sector

The growth of the fashion industry in Spain was truncated in 2020, even before the COVID-19 crisis: The textile, clothing, leather and footwear sector totalled 20,106 companies on 1 January 2020, 1% less than in 2019. This growth is a consequence of the crisis that has been dragging on since 2011, when 5.8% of companies disappeared. Data from the Central Business Directory of the National Statistics Institute (INE) indicates that 45.4% of companies in the fashion industry had no employees in 2020, compared to 45.2% in 2019. 41.3% of fashion companies had between 1 and 9 employees. 11.8% of companies had between 10 and 49 employees and 1.3% had between 50 and 199 employees, representing a total of 1,363 companies in the first case and 270 in the second. Only some 38 fashion-related companies (0.2%) had more than 200 employees [1].

This statistic shows the annual evolution of the number of workers in the fashion industry in Spain from 2015 to 2018. In the latter year, there were more than 157,000 employees working in this industry in Spain. This figure represents a decrease of more than 20,000 workers compared to 2017.

See Figure 1.

Characteristics of the sectors: production/design/retail

According to the structural statistics of companies in the industrial sector (INE), the textile industry accounted for 40.7% of the turnover of the fashion industry as a whole in Spain in 2019, compared to 40.3% the previous year. For its part, clothing went from 30% to 30.4% and the leather and footwear sector from 29.7% to 28.9%. The turnover of the fashion industry as a whole in Spain fell by 1.8%, closing 2019 with 14,903 million euros. In 2018, the sector's turnover exceeded the threshold of 15,000 million euros for the first time. 74.3% of Spanish textile companies are engaged in the manufacture of other textile products.

Preparation and spinning of textile fibres accounts for 5.8%, manufacture of textile fabrics, 6.3% and textile finishing, 13.5% [1].

If we analyse the data on total expenditure by region, Catalonia is in first place, with 5,027 million euros; followed by Andalusia, with 4,741 million; Madrid, with 3,932 million; and the Valencian Community, with 3,820 million; representing, together, 58% of total expenditure. With less expenditure are La Rioja (215 million); Cantabria (396 million); Navarra (484 million); and Extremadura (594 million) [3].

Annual expenditure on clothing/citizen

Average expenditure per household, average expenditure per person and distribution of expenditure (vertical and horizontal percentages) by expenditure groups and expenditure quintiles is 405.48 (Clothing and Footwear). [2] This represents a drop compared to the upturn in 2015 when the economic recovery also resulted in increased spending on clothing, which shot up 23% to 28,489 million euros, according to the latest report on the sector by EAE Business School.

Specifically, each Spaniard spent an average of 612 euros. The citizens of Navarre were the ones who spent the most money on their clothing, to be precise, 755 euros. Also those of the Basque Country (744 euros), Asturias (712 euros), Galicia (694 euros) and La Rioja (683 euros). [3] On the other hand, those in the Canary Islands (493 euros), Castile-La Mancha (535 euros), Extremadura (547 euros), Andalusia (566 euros) and the Valencian Community (569 euros) were below the average.

The 2020 result places per capita spending on fashion below 500 euros for the first time since the beginning of the statistical series, in 2006, after having spent two years without exceeding the 600 euro barrier.

The maximum in recent years was reached in 2017, when, after four years of recovery following the Great Recession, fashion managed to capture 608.59 euros per person in Spain (the highest value since 2009). The minimum so far had been in 2013, when each Spaniard spent 532.16 euros on buying fashion, while the maximum had been reached in 2017, with 769.78 euros per inhabitant.

The economic recovery that began in 2014 allowed spending (and the weight of fashion in household budgets) to recover progressively until 2017, but the evolution was negative again in 2018 and 2019. The fall in per capita spending was 19.90 euros in 2018 and a further 19.14 euros in 2019, to an average in the year before the outbreak of the pandemic of 569.55 euros per person [4].

Fairs, fashion weeks, with the number of visitors

There are more than 126 fashion fairs in Spain.

MOMAD (IFEMA, Madrid) [5]

International fashion, footwear and accessories exhibition

The International Fashion, Footwear and Accessories Show, organised by IFEMA MADRID, is positioned as a major international trade event, a showcase for new fashion collections, presentation of new brands, trends and new business opportunities. Its varied offer, extensive programme of presentations and fashion shows make MOMAD a must-attend event in the lifestyle sector.

Mercedes-Benz Fashion Week Madrid is the best known of all the fashion shows held in Spain throughout the year. However, it is just a sample of the number of fairs that take place in our country in which fashion is the protagonist.

080 Barcelona Fashion. proposals from renowned Spanish designers and new talents, paying special attention to fashion companies based in Catalonia.

CreàModa (Bilbao), a space designed especially for new designers. It has become a place to discover new talent.

Fimi Valencia, an international fashion fair for children and young people.

Trending Madrid is a fair that includes clothing, accessories and fashion design.

Gran Canaria Moda Cálida Swimwear Fashion Show.

Co-Shoes, organised by the Federation of Spanish Footwear Industries (FICE).

Major companies in the sector (with more than 500 employees)

This statistic shows the fashion business groups with Spanish origin with the highest number of employees in 2020. The Coronavirus crisis has had a strong impact on this sector in Spain, and many companies took redundancies, so only Inditex, Tous and Sociedad Textil Lonia had a higher number of workers compared to the previous year.

The Fashion Map of Spanish giants closes a year full of changes. Although the top five remains unchanged, with Inditex, Mango, Grupo Cortefiel, Desigual and Pepe Jeans at the top, the ranking has been transformed in the subsequent positions.

From new additions such as Bimba y Lola or Merkal Calzados, with turnover exceeding 140 million euros and which climb directly above other veterans on the list such as Adolfo Domínguez, to groups that leave the map, such as Comdifil, which leaves the ranking in the midst of a transformation process.

See Figures 2 and 3.

R&D initiatives in sustainable fibres, dyes, techniques, among others

AITEX: The Textile Industry Research Association – AITEX, is a private research association which performs characterisation trials and certification of textile materials and articles for a wide range of sectors including interior design, fashion, work wear, healthcare, sports and leisure, land and sea transport, aerospace and sports surfaces.

The AITEX's core objective is to create and transfer knowledge of textiles to the private sector, making the textile industry more competitive and opening up doors to new opportunities with a high added-value factor. The Institute promotes modernisation and the introduction of emerging technologies through its on-going R+D activities and other projects which contribute to the evolution of the textile industry, and issues the most appropriate product certifications to allow an article to compete in the international marketplace and facilitate its introduction into high-end niche markets.

AITEX is Spain's leading research and innovation centre and provider of advanced technical services to the textile industry. The Institute has a network of nine international offices providing cover for its associates and clients in fifty countries, and this has led to the Institute becoming one of Europe's leading research centres. AITEX research work has culminated in the signing of several bilateral agreements with centres from around the world to exchange experiences, participate in international R+D projects and generate know-how to provide the private sector with a value-added factor for their products. The Institute's laboratory services offer its members the most up-to-date equipment and infrastructure for the characterisation of products, QA and certification to the most demanding international standards and regulations and AITEX is one of Europe's best equipped centres, with the widest scope of technical accreditation facilities with ENAC – ILAC approval (the national and European accreditation bodies) [6].

INESCOP

Footwear Technology Centre

At INESCOP, they convert knowledge into innovations that can be used by companies so that they can generate value and gain competitiveness. Its main lines of research respond to the current challenges of the footwear sector and its entire value chain: digital transformation, the reduction of environmental impact and ensuring the comfort and health of the user. They have the largest specialised footwear laboratory, capable of carrying out more than 600 tests on materials and finished footwear. In addition to being accredited by ENAC, they are a Control Body for the CE certification of footwear for professional use [7].

ATEVAL is the Association of Textile Entrepreneurs of the Valencian Community whose main purpose is to defend and represent the common interests of the companies of the Valencian textile sector.

Founded on 6 May 1977, it was the first association in Spain to be registered in the Statutes Deposit Office of the Ministry of Labour [8].

INTEXTER – INSTITUTE OF TEXTILE RESEARCH AND INDUSTRIAL COOPERATION OF TERRASSA.

The Institute of Textile Research and Industrial Cooperation of Terrassa (INTEXTER) is an academic unit of the Polytechnic University of Catalonia (UPC) created in 1962, whose main objective is to promote research in the textile and related sectors, as well as industrial cooperation by carrying out testing services, surveys, standardization, homologation and certification works. The Institute participates in R&D projects with local, state and European public funding or in agreements with private companies.

The training of researchers is another goal of the Institute and for this reason it is part of the academic direction of the interdepartmental Doctoral Program in Textile and Paper Engineering, as well as the Doctoral Program in Environmental Engineering, both at the UPC. The Institute is a member of the Technological Innovation Center of the UPC (CIT-UPC), is recognized as a TECNIO Development Center of the Catalan Government's Agency for Business Competitiveness and is part of the international Textile Transfer Network (TEXTRANET). Experience in wastewater treatment from the textile industry and related sectors. Research and participation in several research projects on natural fibers such as organic cotton, hemp, jute, etc., as well as recycled chemical fibers. It also works on the use of textile fiber waste in composite materials for construction, insulation, obtaining recycled wire mesh or nonwovens from recycled fibers. It possesses pilot plants for water purification, dyeing, spinning, weaving and nonwovens [9].

CETIM. NATURATEX – New sustainable fabrics for the retail sector. During its 36 months of duration, NATURATEX will investigate the entire production chain of the textile sector in order to develop new fabrics with low environmental impact.

CETIM will collaborate with the company Textil BCH S.A. in the development of new specific formulations that improve certain processes in the textile production chain, as well as in obtaining an environmental balance. The textile industry is one of the sectors with the greatest impact on the economy and the environment. For this reason, and aware of climate change and the environment, new trends are being created in the habits of consumers and large companies to meet new sustainability challenges in this sector.

The NATURATEX project aims to research and develop a new generation of fabrics based on textile fibres obtained from natural and renewable sources (alternatives to cotton and synthetic fibres from fossil sources) and the reintroduction of recycled raw materials. To this end, the entire production chain will be investigated, from raw materials to proof of concept garments, taking into account key environmental and industrial indicators for the retail sector [10].

Major textile, dress and fashion education institutions

Grado en Diseño de Moda (Cesine, Santander)

Licenciado en Administración de Empresas e Innovación Digital con Moda y Lujo en Barcelona (Barcelona)

Grado en Diseño de moda (Inglés y Español) (LCI Barcelona)

Grado Oficial en Diseño, Especialidad Diseño de Moda (ESDI, Barcelona)

Grado Oficial en Diseño de Moda (Escuela Superior De Arte Y Diseño De Andalucía ESADA)

IED Barcelona Centre Superior de Disseny: Disseny de Moda; Disseny de Moda, Itinerari en Estilisme i Comunicació; Disseny de Moda, itinerari en Complements i Accessoris de Moda, BA (Hons) Fashion Design, BA (Hons) in Business Design, BA (Hons) Fashion Marketing and Communication, Màster en Disseny de Moda, Màster en Fashion Creative Direction, Master en Disseny de Moda Masculina

Máster Diseño de moda y patronaje profesional. Máster en Diseño y realización de vestuario. Máster en Estilismo y comunicación de Moda. Máster Fashion management y comunicación. Máster Diseño y estilismo de Moda (Idep Barcelona. Escola Superior d'Imatge i Disseny. Universitat Anaf Oliba CEU)

Ba internacional en diseño de moda (Hacer Creativo School of Fashion Design)

Grado en Diseño de moda (EASD Valencia)

Máster en Co-diseño de Moda y Sostenibilidad (EASD)

Grado en Diseño de Moda (Universidad de Nebrija)

Grado Universitario Oficial en Diseño de Moda (ESNE)

Grado en Diseño de Moda (Barreira Arte y Diseño)

Máster en Estilismo de Moda y Dirección Creativa (Barreira Arte y Diseño)

Grado en Diseño de Moda (Universidad Politécnica de Madrid)

Máster Tecnología e Innovación en Diseño de Moda (Universidad Politécnica de Madrid)

Number of graduates from design schools and vocational training in textile crafts

Information not found.

National tangible or intangible UNESCO cultural heritage related to textiles

Fallas (Valencia): intangible UNESCO. Including traditional silk costume, with the main artisanal manufacture.

Lonja de la Seda de València. Tangible UNESCO.

Festa de la Mare de Déu de la Salut (Algemesí, Valencia). intangible UNESCO. Including traditional silk costume, with the main artisanal manufacture.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Silknow (Project European H2020)

CreativeWear (Econcult. Universitat de València)

Ruta de la Seda (Valencia)

MEDHISMO (El mediterráneo hispánico en la época de la edad Moderna). Universitat de València. Study of the labour market and urban manufacturing in Mediterranean cities (especially textiles and silk)

GIITEX: INVESTIGACIÓN EN LA INDUSTRIA TEXTIL (Escuela politécnica superior de Alcoy, Universidad Politécnica de Valencia)

Intexter (The INTEXTER is an academic unity of "Universitat Politècnica de Catalunya"). The Institute participates in R+D projects with local, state and European public funding or in agreement with private companies.

Arxiu valencià del Disseny (Universitat de València)

ESADA: Línea de Investigación: Diseño textil

Aitex.

Proyecto de investigación. Las manufacturas textiles andaluzas: caracterización y estudio interdisciplinar (Universidad Complutense de Madrid)

IPCE: Proyectos textiles

Education in textile conservation

Centre de Documentació i Museu Tèxtil (Terrasa)

Museo del Traje

IPCE

IVCR+i

IPHA

MÁSTER DE FORMACIÓN PERMANENTE EN DIAGNÓSTICO ARTÍSTICO Y AUTENTIFICACIÓN DE OBRA DE ARTE (Universitat de València)

Máster Universitario en Conservación y Restauración de Bienes Culturales (UPV)

Conservación de piezas antiguas e iniciación a la restauración textil

Máster Universitario en Conservación del Patrimonio Cultural

Escola Superior de Conservació i Restauració de Béns Culturals de Catalunya

ESCRBC

Education in textile history or textile archaeology

CONSERVACIÓN Y RESTAURACIÓN DE BIENES ARQUEOLÓGICOS

MÁSTER UNIVERSITARIO EN TUTELA DEL PATRIMONIO HISTÓRICOARTÍSTICO. EL LEGADO DE AL-ANDALUS

GRADO EN CONSERVACIÓN Y RESTAURACIÓN DEL PATRIMONIO CULTURAL

Máster Arqueología. Universidad de Granada y Sevilla

Máster en Arqueología (Universitat de València)

Máster Universitario Arqueología Profesional y Gestión Integral del Patrimonio: Universidad de Alicante

Máster en Arqueología y Patrimonio

Máster Arqueología (Universitat Autònoma de Barcelona)

Máster Universitario en Arqueología por la Universidad de La Laguna y la Universidad de Las Palmas de Gran Canaria

Máster Universitario en Prehistoria y Arqueología

Máster Patrimonio cultural (Universitat de València)

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Museo del Romanticismo - Artes Decorativas

Museo Arqueológico Nacional - Arqueológico

Museo Nacional de Artes Decorativas - Artes Decorativas

Fundación Lázaro Galdiano - Artes Decorativas

Museo de América - Antropología

Real fábrica de tapices - Tejido

Museo del Diseño de Barcelona - Artes Decorativas

Museo Bellas Artes Sevilla - Bellas Artes

Colección Pedagógico Textil Complutense - Universitario

Museo Episcopal Vic - Diocesano

Museo Diocesano de Arte Sacro de Orihuela - Diocesano

Museo de Tapices de la Seo - Diocesano

Real Monasterio de Santa María de Guadalupe - Diocesano

Museo Diocesano Cuenca - Diocesano

Museu Marès de la Punta d'Arenys de Mar - Tejido

Museu Diocesà de Tarragona - Diocesano

Museu d'Història de Sabadell - Histórico

Museu de Lleida: diocesà i comarcal - Diocesano

Museo Diocesano de Zamora - Diocesano

Museo Diocesano de la Catedral de la Seu d'Urgell - Diocesano

Museo Salzillo - Bellas Artes

Museo Etnográfico Textil Provincial «Pérez Enciso» - Etnológico

Museo Naval - H. Militar

Museo del Ejército - H. Militar

Museo Cerralbo - Artes Decorativas

Museo Seda Moncada - Fábrica

Museo Textil de Terrasa - Tejido

Museu de la Festa d'Alghemesí - Inmaterial/Moda

Major museum/archive collections of textiles/costumes

Patrimonio Nacional de España

Museo Nacional del Traje

Museo Nacional de Artes Decorativas

Museo Nacional de Cerámica y Artes Decorativas González Martí (Valencia)

Museo de Bellas Artes de Valencia

Centre de Documentació i Museu Tèxtil Terrassa – CDMT

Museo Arqueológico Nacional

Museu Tèxtil i d'Indumentària (Catalunya)

Xarxa de Museus Tèxtils de Catalunya

Museo de la Seda de Valencia

L'ETNO (Valencia)

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/visitors and income generation

Museo del Traje (11)

BALENCIAGA, PASADO, PRESENTE Y FUTURO (2018)

¡MODA! EL DISEÑO ESPAÑOL A TRAVÉS DE LA FOTOGRAFÍA (2018)

MUJERES QUE CAMBIAN EL MUNDO (2016)

MANUEL PERTEGAZ (1918-2014) (2014)

ESPAÑA DE MODA (2014)

Museo de Artes Decorativas (12). See figure 4

Peninsulares. II Encuentros ibéricos de arte textil contemporáneo. (2021)

Tradición y modernidad. Arte textil de Letonia (2021)

Las costuras femeninas de la moda de España (2020)

Museo Nacional de Cerámica y Artes Decorativas González Martí (Valencia). See Figure 5

Els temps de la seda (2017)

Manuela Ballester en el exilio. El traje popular mexicano.

Museo de Bellas Artes de Valencia

Diseño, Sedas y Flores (2022)

Museo Nacional Thyssen-Bornemisza Madrid. See figure 6

Baleciaga y la pintura española (2019)

Sorolla y la moda (2018)

Museu de la Festa de Alghemesí

Muestra de moda de los años 20 (2019)

La Moda en la seda del Siglo XX (2020). See Figure 7

- Centre de Documentació i Museu Tèxtil Terrassa [13]
 “Un museu, mil trames” (2021). See Figure 8
 “Decòrum. Vestir la casa per a l’ocasió” (2021)
 “Vestits de pel·lícula” (2020)
 “Mag Lari, la màgia de la indumentària” (2019)
 “Itineraris’17, tres mirades des del tèxtil” (2017)
 TEIXITS DE LA VALL DEL NIL. Teixits còptes de Montserrat i del CDMT (2017)
 INTIMÍSSIMS. La roba interior modernista. (2016)
- Museo de la Seda de València [14]. See Figure 9
 Vestir en la Ruta de la Seda. Vestido y tradición de oriente a occidente (2018)
 La seda en la corte de los Reyes Católicos (2017)
 El color de las sedas valencianas (2016). See Figure 10
- Museu del Disseny de Barcelona
 Distinció. Un siglo de fotografía de moda (2015)
- L’ETNO [15]
 La tradición desvelada (2020)
 Inventant la tradició (2017). See Figure 11

* information on ticket sales and income generation not publicly available

- [1] Informe Económico de la Moda en España (2021)
 [2] Gasto total, gastos medios y distribución del gasto de los hogares
 [3] Expansion
 [4] Moda ES
 [5] El País
 [6] Aitex
 [7] Redit
 [8] ATEVAL is the Association of Textile Entrepreneurs of the Valencian Community whose main purpose is to defend and represent the common interests of the companies of the Valencian textile sector. Founded on 6 May 1977, it was the first association in Spain to be registered in the Statutes Deposit Office of the Ministry of Labour.
 [9] TEXTILS
 [10] Cetim
 [11] Cultura y deporte
 [12] Cultura y deporte
 [13] CdmT
 [14] Museo de la Seda Valencia
 [15] Letno dival

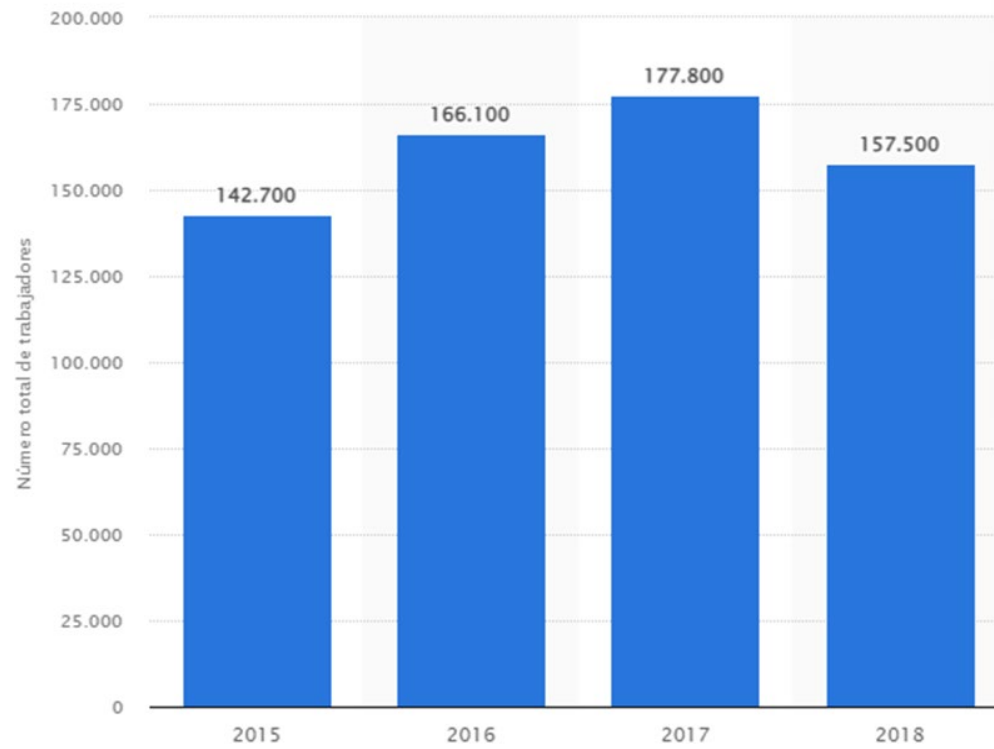


Figure 1.

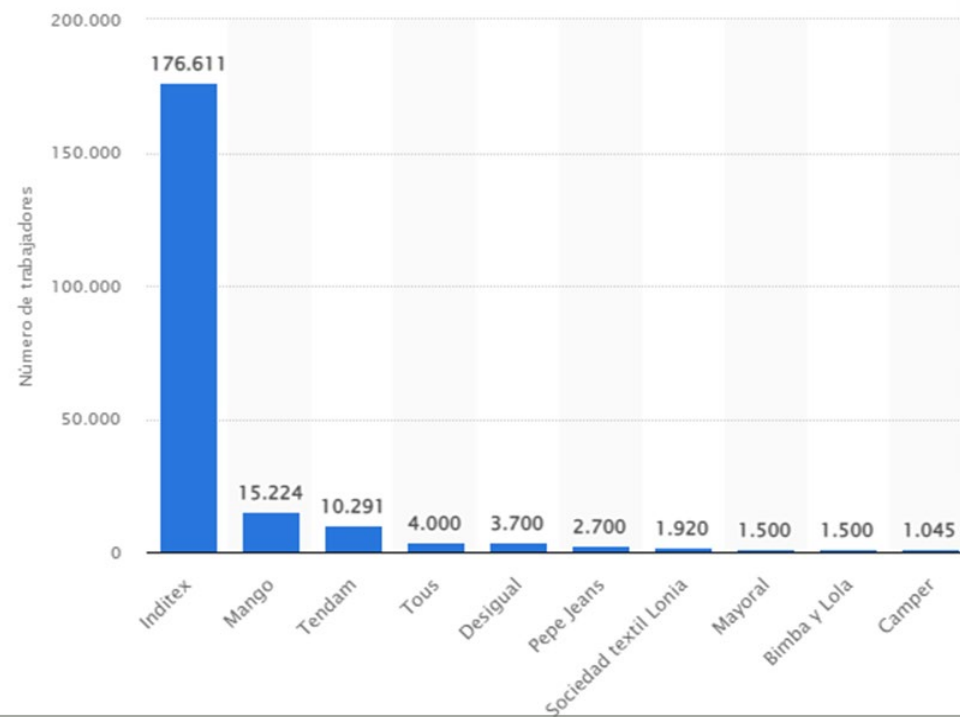


Figure 2.

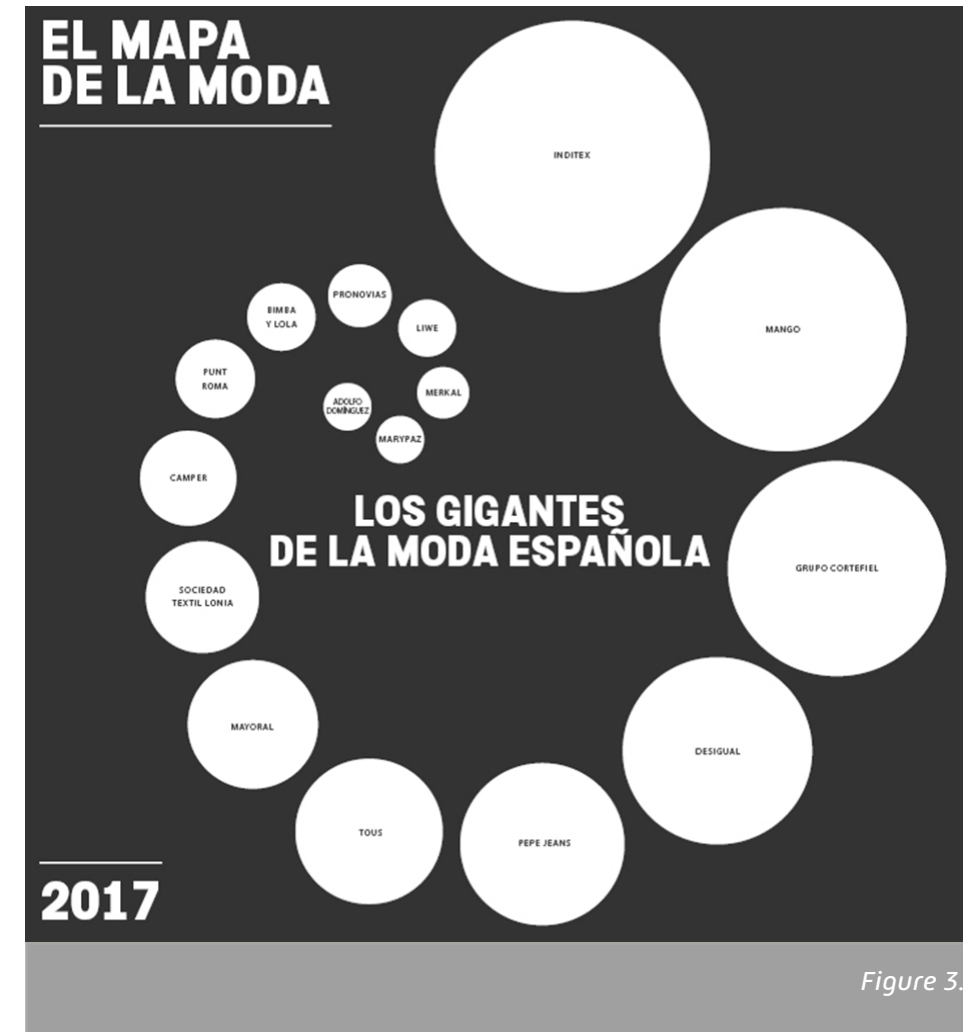


Figure 3.



Figure 4.

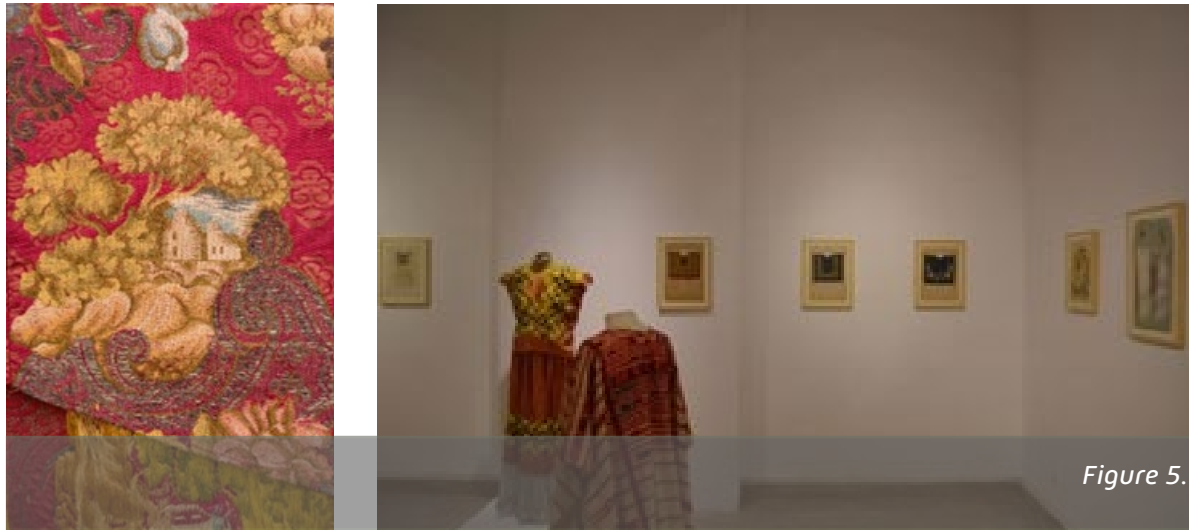


Figure 5.

ConectaThyssen / Publicaciones Digitales Thyssen /
Balenciaga y la pintura española

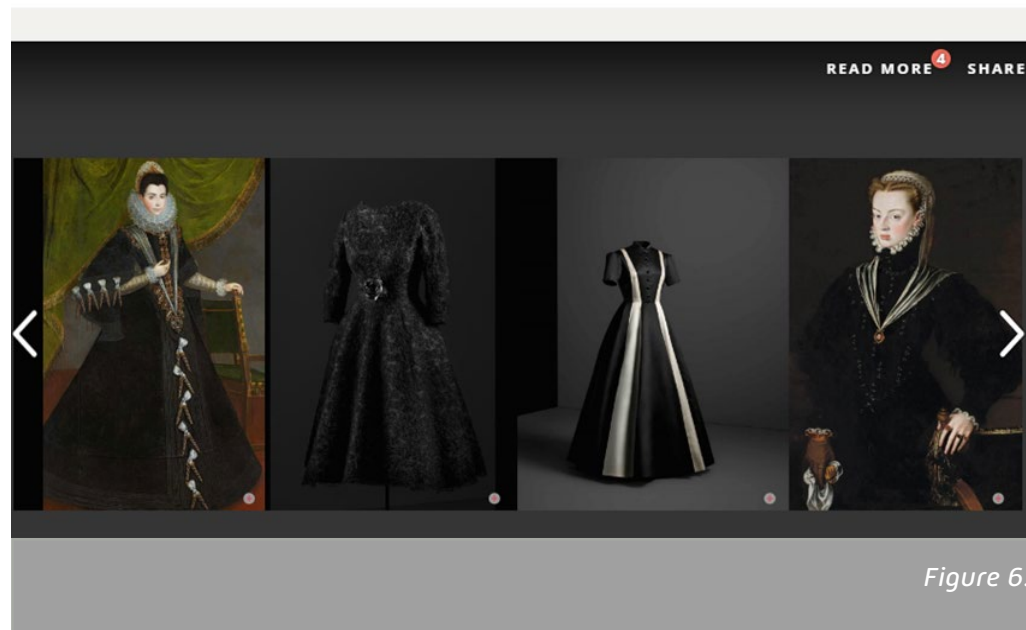


Figure 6.



Figure 7.



Figure 8.



Figure 9.



Figure 10.



Figure 11.

COMPILED BY:
Serena Sabatini

POPULATION 10 544 776 (2023)

SIZE 447 425 km²

GDP \$ 677 billion (2022)

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR



Textile and clothing sector as part of GDP (in numbers and in percentage)

Total sales (2019): 380.000.000 SEK
Exports (2019): 272.000.000 SEK.

Number of jobs in the sector

62038 full time jobs - data from 2019 (73% women; 27% men)
Share of executives in fashion industry (Men 68%, Women 32%)
Share of board members in fashion industry (Men 58%, Women 42%).
(1,2).

Characteristics of the sectors: production/design/retail

Yarns, fabrics, refined products, mode accessories
Home textiles
Technical textiles.

Annual expenditure on clothing/citizen

74.735.000SEK (3).

Fairs, fashion weeks, with the number of visitors

Stockholm Fashion week
Formex, Trade fair within interior decorating, textiles, furnishing industry, gifts and media
Nordic Fabric Fair
International Handweaving Fair

Major companies in the sector (with more than 500 employees)

Fashion and textiles companies with a turnover above 1 billion SEK (2):

H&M
Lindex
KappAhl
Marc O' Polo
MQ
Dressman
RNB Retail
Brands (with brands such as Brothers & Sisters and Polarn O. Pyret)
Hemtex

Other fashion companies, members of the Swedish Fashion association as of 2022 (4):

Abomè, Acne Studios, AskEt, ATP All Tomorrow's Parties Atelier, Avavav, Bite, Busnel, CDLP, CHIMI, C.QP, Dagmar, Die Monde, DR Denim, Eytys, Filippa K, Gemme, Gina Tricot, Hejne, H&M Group, Ida Klamborn, Indiska, J. Linderberg, Jeannerica, Jennifer Blom, KappAhl, Lexington, Little Liffner, Matter of Time, Mayla Stockholm, Odd Molly, Oscar Jacobson, Our Legacy, Rave Review, ReRobe, Residus, Rodebjer, Rosenrummet Stycke Academy, Schnayderman's, Sellpy, Socksss, Sofia Winberg, Stand Studio, Stylein, Susan Szatmàry, Notion of Form, Swedish Stockings, Tiger of Sweden, Toteme Studio, Valerie

R&D initiatives in sustainable fibres, dyes, techniques, among others

Predominant topics are improving handling of different materials, broad sustainability issues (reuse, sorting, disposal), sustainable production, sustainable consumption, use of renewable material, innovative dyeing techniques, reductions of chemicals in textile industry.
Current project managed by Stiftelsen Svensk Textilforskning:
Nationella Textilplattformen, Textile & Fashion 2030, The Swedish Textile Initiative for Climate Action, STICA, WargoTex, Textildialogen, Re:textile, Smart Textiles, Body & Space DO-tank Center, Digimode, Etablera närodlad textil i Sverige inom BioInnovation (Vinnova SIO), IVA- Resurseffektivitet och cirkulär ekonomi, CelluTex 2.0
For projects run by the Research Institutes of Sweden see textile projects.

Major textile, dress and fashion education institutions

Högskola i Borås
Nordiska Textilakademin
Lund University (Mode science)
Stockholm University (Mode science)
Umeå University (Design and clothing)
University of Gothenburg (textile art/design)
Uppsala University (Textile Science)

National tangible or intangible UNESCO cultural heritage related to textiles

None.

Education in textile conservation

Department of Conservation, University of Gothenburg

Department of Conservation, University of Uppsala

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Swedish National Museums of World Culture

Textilmuseum, Borås

Svenska Vävstolsmuseet, Glimåkra

Science Museum, Stockholm

Nordiska museet

National Historical Museum

Ethnographic museum, Stockholm

Röhsska museum

[1] TEKO

[2] TEKO report 2019

[3] <https://www.statista.com/statistics/575440/clothing-consumption-expenditure-sweden/>

[4] Swedish Fashion Association



Figure 1. Textilmuseum, Borås



Figure 3. swedish textile art; Source: www.HV-textil.se

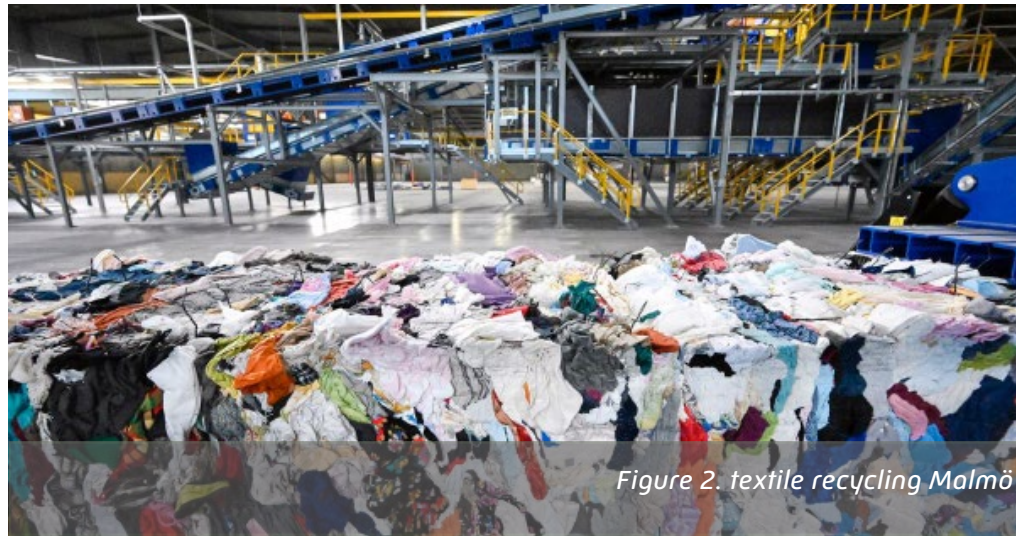


Figure 2. textile recycling Malmö



Figure 4. Stockholm Fashion Week



Figure 4.



Figure 4. Exhibition of the year, 2021

COMPILED BY:

Birgitt Borkopp & Elodie Bauer

POPULATION 8 821 953 (2023)**SIZE** 41 285 km²**GDP** \$ 733 billion (2022)

Switzerland

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR

Textile and clothing sector as part of GDP (in numbers and in percentage)

In 2019 the sector of textiles and clothes production contributed 0.16% (940M. CHF) to the national GDP. Production of textiles amounted to c. 500M CHF, production of clothing to c. 440 Mio. CHF).

Number of jobs in the sector

In 2019, the Swiss textile and clothing industry employed c. 10'000 persons (counted in full-time positions, in reality there were more) in Switzerland, and c. 25'000 abroad. There were 2'551 firms, most of them very small (2'380 with less than 10 employees).

Annual expenditure on clothing/citizen

In 2019, the average Swiss household (2 persons) spent c. 2'100 CHF on clothing.

Fairs, fashion weeks, with the number of visitors

21.09.2015 : Mode Suisse: fashion show, showroom and public debates, Zürich
 08.10.2015 : Mode Suisse : presentations, showroom, Geneva
 09.10.2015 : HEAD, fashion show, Geneva
 13.04.2016–26.06.2016 : 6th european quilt triennial, Textilmuseum, St. Gallen
 18.11.2016 : HEAD, fashion show, Geneva
 20.10.2017 : HEAD, fashion show, Geneva
 09.11.2018 : HEAD, fashion show, Geneva
 08.11.2019 : HEAD, fashion show, Geneva

Major companies in the sector (with more than 500 employees)

Swiss companies in the sector tend to be rather small and highly specialized. Generally, the Swiss workforce is too expensive for mass production.

Major textile, dress and fashion education institutions

FH Nordwestschweiz, Basel, BA Fashion Design

Hochschule Luzern, BA Textile Design

Swiss Fashion Academy, Zürich

HEAD (University of Art and Design), Geneva

Bachelor in Fashion design

Master in Fashion design and accessories

Education in textile conservation

BA/MA programme in Textile restoration/conservation at Abegg-Stiftung/HKB Bern.

Education in textile history or textile archaeology

MA and PhD programme in the History of Textile Arts at Bern University.

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Abegg-Stiftung, Bern.

Textilmuseum, St. Gallen.

Major museum/archive collections of textiles/costumes

Schweizerisches Landesmuseum, Zürich

Museum des Landes Glarus, Näfels

Musée suisse de la Mode, Yverdon-les-Bains

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/visitors and income generation

2015:

« Die Krawatte. Männer macht Mode », Schweizerisches Landesmuseum, Zürich, 19.09.2014–18.01.2015

« Faisons le point » [about lace, embroidery...], Musée suisse de la Mode, Yverdon-les-Bains, february 2015–27.09.2015

« A lieu ? A pas lieu ? » [about white embroidery], Textilmuseum, St. Gallen, 11.02.2015–09.08.2015

« Rêve et réalisation – tissus de Suisse orientale », Textilmuseum, St. Gallen, 11.02.2015–09.04.2017

« Bewahre! Hanro: Erste Einblicke in das Archiv des Liestaler Textilunternehmens », Museen Basel, Basel, permanent exhibition from 13.02.2015

« Vivarium » [about gigantic wall hangings in textiles with animal motifs], Textilmuseum, St. Gallen, 19.04.2015–15.11.2019

« Triumph of Ornament – Fifteen-Century Italian Silk Weaving », Abeggstiftung, Riggisberg, 26.04.2015–08.11.2015

2015–2016

« Furor floralis », Textilmuseum, St. Gallen, 26.08.2015–01.03.2016

« The Textile Room », Bellerive Museum, Zürich, 23.10.2015–21.02.2016

2016:

« Friend and Foe – Animals in Medieval Textile Art », Abeggstiftung, Riggisberg, 24.04.2016–13.11.2016

« Vision printemps-été 2017 », Textilmuseum, St. Gallen, 04.05.2016–14.11.2016

2016–2017:

« La silhouette masculine, mode et artifice, du Moyen Âge à nos jours » – this thematic exhibition was a collaboration between 12 museums in French-speaking Switzerland and was articulated in different names and exhibitions/events, from 02.03.2016 to 26.02.2017 :

« Entre armures et dentelles », Musée suisse de la Mode, Yverdon-les-Bains, 02.03.2016–31.10.2016

« Le prestige de l'uniforme », Musée de la Béroche et environs, Saint-Aubin-Sauges, 12.03.2016–11.09.2016

« Coups de projecteurs sur les costumes des trois automates Jaquet-Droz » [guided tours ; demonstrative exhibition], Musée d'art et d'histoire, Neuchâtel, 17.03.2016–02.01.2017

« L'homme, le vrai, au XXe siècle » [about male coquetry], Musée paysan et artisanal, la Chaux-de-Fonds, 19.03.2016–26.02.2017

« L'habit fait le moine », Fondation de l'Hôtel-de-ville du Landeron, le Landeron, 09.04.2016–04.12.2016

« L'imagini'Ère d'Oscar », Musée régional de la Sagne, la Sagne, 16.04.2016–08.01.2017

« Le bourgeois, gentilhomme en pays horloger » [about fashion and bourgeoisie in the Locle, XIXth century], Moulins souterrains du col des Roches, le Locle, 01.05.2016–31.10.2016

« Bleu de travail et salopette », Mines d'asphalte de Travers, Travers, 02.05.2016–04.12.2016

« Portraits d'horlogers sous la loupe » [about representations – included clothes – of clock makers from XVIIIth century to now], Musée régional du Val-de-Travers, Fleurier, 02.05.2016–31.07.2016

« Esprit dandy », Musée suisse de la mode, Yverdon-les-Bains, 27.05.2016–08.01.2017

« Rousseau et le costume arménien », Musée Jean-Jacques Rousseau, Môtiers, 01.05.2016–26.02.2017

« Fast fashion. La face cachée de la mode », Textilmuseum, St. Gallen, 26.10.2016–30.07.2017

2017:

« Material Traces – Conserving and Exploring Textiles », Abeggstiftung, Riggisberg, 30.04.2017–12.11.2017

2017–2018

« Nouveaux matériaux – New Stuff », Textilmuseum, St. Gallen, 23.08.2017–02.04.2018

« Ceci n'est pas un musée ! » [exhibition of the museum's permanent textiles and clothes collections], Musée suisse de la mode, Yverdon-les-Bains, 10.11.2017–15.04.2018

2018

« Un intérieur en totale harmonie ? Créations textiles de 1970 à 1990 », Textilmuseum, St. Gallen, 27.04.2018–30.09.2018

« Artfully Wrapped Four – Ancient Egyptian Bird Mummies », Abeggstiftung, Riggisberg, 12.09.2018–11.11.2018

2018–2019

« Made in Neuchâtel. Deux siècles d'indiennes », Musée d'art et d'histoire, Neuchâtel, 07.10.2018–19.05.2019

« Dentelle et prestige », Textilmuseum, St. Gallen, 26.10.2018–10.02.2019

2019:

- « La mode du cirque Knie », Textilmuseum, St. Gallen, 07.03.2019-19.01.2020
« Asia chic. L'influence des textiles chinois et japonais sur la mode des années folles », Fondation Baur, Musée des arts d'Extrême-Orient, Genève, avril-july 2019
« Silhouette. Le corps mis en forme », Musée historique de Lausanne, Lausanne, 12.04.2019-29.09.2019
« Indiennes. Stoff für Tausend Geschichten », Schweizerisches Landesmuseum, Zürich, 30.08.2019-19.01.2020
« Colorful Aumonière », Abeggstiftung, Riggisberg, 14.09.2019-10.11.2019

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COMPILED BY:

Deniz Sari & Meral Özomay

POPULATION 85 816 199 (2023)**SIZE** 783 356 km²**GDP** \$ 3.1 trillion (2022)

Turkey

THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR**Textile and clothing sector as part of GDP (in numbers and in percentage)**

Textile is one of the key sectors in the Turkish economy in terms of Gross Domestic Product (GDP), employment and exports. Textiles and clothing sector accounts for 10% of the Turkish GDP. The value of production realized by the textiles and clothing industry is around US \$30 billion [1].

Number of jobs in the sector

Textiles, clothing and leather sector employing almost 1.135.771 people (in textile 460.399 employee, in clothing 608.587 employee, in leather 66,785 employee). And it contains almost 60.242 workplaces (in textile 17. 751 workplace, in clothing 35.934 workplace and in leather 6.557 workplace) [2].

Annual expenditure on clothing/citizen

4.67 billion Turkish lira per month being spent in 2019.

Characteristics of the sectors: production/design/retail

These sectors had a 17,2% share in total export volume in 2019. Turkey is one of the main actors in the world clothing industry. The Turkish clothing industry with a share of 2,70% is the 7 th largest supplier in the world, and the 3rd largest supplier of the EU. It has a share of 3,80% in world knitted clothing exports and it ranks 6 th among the exporting countries. With a share of 2,74%, Turkey ranks 10th among the woven clothing exporters in the world. The Turkish textile industry, which is listed 7th largest exporter in the world and is the 3th largest supplier to the EU [3].

The strong textile industry in Turkey also stimulated the development of the textile machinery industry. Nearly all the textile machinery used to be imported until 1980 when some local production of small and medium-sized low-tech machinery began. At present, the line of products manufactured by the companies varies substantially from highly automated equipment to basic models.

Local producers are able to compete with foreign companies in most machinery categories such as atmospheric jet dyeing (overflow) or blow dyeing machinery. Recently, Turkey has emerged as a machinery-maker with Turkish machinery industry recording a substantial export performance between 2003 and 2015. Compared with the export volume of US \$1,6 billion in 2003, total export volume of Turkish machinery industry reached an amount of US \$9.5 billion in 2017, almost septupling in this period [4].

Fairs, fashion weeks, with the number of visitors

IF Wedding Fashion İzmir, International Wedding Dresses, Suits And Evening Gowns Fair, (Wedding Dresses, Suits and Evening Gowns and Accessories)

Mercedes-Benz Fashion Week İstanbul

CNR Fashionist Evening Gowns, Wedding Dresses And Suits Fair, (Ready to Wear, Fashion, Fabrics, Garment Industries), İstanbul

See more here.

Major companies in the sector (with more than 500 employees)

Akbaşlar
Aksa
Sanko Textile
Avva
Colins
Derimod
DeFacto
Ipekyol
LC Waikiki
MaviCompany
Sarar

R&D initiatives in sustainable fibres, dyes, techniques, among others

Yesim
Korteks
Teknik Tekstil
Teksmer
Bursa Teknoloji Koordinasyon ve Ar-Ge Merkezi
Kordsa
Suntekstil
Arsutriko
Canteksil
Iskur
Yunsa
Cultural Heritage Preservation and Natural Dyes Project

Major textile, dress and fashion education institutions

Dokuz Eylül University, Textile Sciences
Istanbul Technical University, Faculty of Textile Technologies and Design
Marmara University, Faculty of Technology, Textile Engineering
Bursa Uludağ University, Textile Engineering
Ege University, Textile Engineering
Pamukkale University, Textile Engineering
Selçuk University, Fashion Design
Marmara University, Textile Design

National tangible or intangible UNESCO cultural heritage related to textiles

Silk production.

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Merinos textile industrie museum.
Malatya Yeşilyurt Textile Museum.

Education in textile conservation

Tekstil Mühendisliği
Department of Conservation and Restoration of Cultural Properties
SA Banci Vakfi

Education in textile history or textile archaeology

Koc Üniversitesi
Mimar Sinan Güzel Sanatlar Üniversitesi

Major museum/archive collections of textiles/costumes

Sadberk Hanım Müzesi
Enstitü Müzesi Yenilendi
Tekstil Müzesi
Şapka Müzesi
Uluşuay Müzesinde

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation *

Türkiye Dokuma Atlası
MOTIF, from the Sadberk Hanım Museum Collection

COMPILED BY:

George Prew & Susanna Harris

POPULATION 67 184 088 [2023]

SIZE 242 495 km²

GDP \$ 3.6 trillion [2022]



THE CURRENT INDUSTRY, DESIGN & BUSINESS SECTOR

Textile and clothing sector as part of GDP (in numbers and in percentage)

The British Fashion Industry contributed £35 billion to UK GDP in 2019 [26].

Gross Value Added by Manufacture of textiles in 2019: £4.197 billion (= 0.208% GVA of all industry) [35].

Gross Value Added by Manufacture of wearing apparel in 2019: £2.388 billion (=0.118% GVA of all industry) [35].

Total Gross Value Added by all Industry in 2019: £2017.344 billion [35].

Number of jobs in the sector

Employment in fashion-related industries 555,000 [1].

Characteristics of the sectors: production/design/retail

Quote: "Currently around 555,000 people are employed in fashion, textiles and fashion retail in the United Kingdom. Most jobs in fashion related industries are in the retail sale of clothing. This sub industry employs 75 percent with 414,000 people working in the retail sale of clothing. Also the retail sale of footwear and leather goods provides a fair amount of jobs in fashion, about 11 percent, 59,000, employers work within this sector. Another 8 percent, 43,000 employers, work in the wholesale of clothing and footwear. With respectively 34,000 en 5,000 positions, 6 percent and 1 percent, the least amount of jobs are in the manufacturing of wearing apparel and the manufacturing of footwear" [1].

Annual expenditure on clothing/citizen

Consumer expenditure 56,048 million GBP [1]* | £860.69 per capita .

Fairs, fashion weeks, with the number of visitors

London Fashion Week : >105,000 visitors' [13]

London Graduate Fashion Week : c. 30,000 [14]

Manchester Fashion Week : 20,000-50,000 (est.) [15]

Moda Fashion Fair : *Unknown* [16]

London Textile Fair : 4,500 [17]

Pure London : *Unknown* [18]

Bristol Fashion Week : *Unknown* [19]

Brighton Fashion Week : *Unknown* [20]

Major companies in the sector (with more than 500 employees)

Burberry

Next PLC

Marks & Spence

ASOS (based on worth, not clear if more than 500 employees) [1]

R&D initiatives in sustainable fibres, dyes, techniques, among others

'Future Fashion Factory' (AHRC Funded) [22]

'Love your Clothes' (WRAP) [27]

'Sustainable Supply Chain Optimisation' (UKFT) [24]

'Textile 2030 (WRAP)' [27]

'The Business of Fashion, Textiles and Technology (BFTT)' (AHRC Funded) [25]

'The Business of Fashion, Textiles and Technology Collaborative R&D Partnership' (UKRI Funded) [21]

'The Sustainable Clothing Action Plan 2020 Commitment (SCAP)' (WRAP) [27]

'Virtual Bespoke Patterning research' (UKFT) [23]

Major textile, dress and fashion education institutions

Top Fashion Schools

Central Saint Martins, University of the Arts London [3]

Kingston University [3]

London College of Fashion, University of the Arts London [3]

University for the Creative Arts [3]

University of Westminster [3]

Royal College of Art [40]

University of Northumbria [41]

Number of graduates from design schools and vocational training in textile crafts

Information on graduates not publicly available.

Number of students enrolled in Creative Arts and Design courses: 154,550 [36].

* Year data collected not clearly stated, page copyright 2021.

National tangible or intangible UNESCO cultural heritage related to textiles

New Lanark Cotton Mills, South Lanarkshire, Scotland, UNESCO World Heritage Site [7]
 Saltire, Textile Mills, West Yorkshire, UNESCO World Heritage Site [7]

Excellent research cluster in universities/ museums with scholars working on textile/ dress/fashion research themes

Business of Fashion Textiles and Technology (BFTT)
 University of the Arts London and Future Fashion Factory (FFF)
 University of Leeds. Both funded by the Arts and Humanities Research Council's (AHRC)
 Creative Industries Clusters Programme (CICP) [8]
 Centre for Sustainable Fashion (UAL)[37]
 Centre for Circular Design (UAL) [38]
 Centre for Fashion Curation (UAL) [39]

Education in textile conservation

University of Glasgow
 Textile conservation MPhil at the Kelvin Centre for Conservation and Cultural Heritage Research [10]

Education in textile history or textile archaeology

Central Saint Martins, London, BA (Hons), Fashion Communication: Fashion History and Theory [11]
 Courtauld Institute, London: MA History of Dress Studies [11]
 London College of Fashion, London, MA, Fashion Cultures: History and Culture [11]
 University of Brighton: BA (Hons) Fashion and Design History [11]
 University of Glasgow: MLitt Dress and Textiles Histories [11]

Museums dedicated fully or partially to the textile cultural heritage or costumes/fashion

Bankfield Museum, Halifax [33]	Lotherton Hall, Leeds [33]
Borders Textile Towerhouse, Hawick, Scottish Borders [6]	Macclesfield Silk Museums, Macclesfield [5]
Dennis Sever's House [6]	Newtown Textile Museum, Powys, Wales [6]
Devonshire Collection of Period Costumes, Devon [5]	Queen Street Mill Textile Museum, Burnley, Lancashire [6]
Fashion and Textile Museum, London [5]	Shetland Textile Museum, Shetland Islands [6]
Fashion Museum Bath, Bath [5]	The Blandford Fashion Museum, Dorset [6]
Fashion Museum, Bath [6]	Victoria and Albert Museum, Dundee [5]
Folk and Costume Museum, Guernsey [5]	Victoria and Albert Museum, London [5]
Framework Knitters' Museum, Nottingham [6]	Warner Textile Archive, Braintree, Essex [6]
Gallery of English Costume, Manchester [5]	Whitchurch Silk Museum, Hampshire [6]
Helmshore Mills Textile Museum, Rossendale, Lancashire [6]	

Major museum/archive collections of textiles/costumes

Bowes Museum, Barnard Castle, Co Durham [33]
 Gallery of Costume, Platt Hall, Manchester [33]
 Gawthorpe Textile Collection, Gawthorpe Hall, Padiam, Nr Burnley [33]
 Glasgow Museums, Glasgow [33]
 Museum of London, London [5]
 Northampton Museum and Art Gallery, Northampton [5]
 Science and Industry Museum, Manchester [6]
 Shetland Museum, Lerwick, Shetland [6]
 The Fashion Museum, Bath [33]
 The Jermyn Street Experience, London [6]
 ULITA – an Archive of International Textiles, Leeds [33]
 Victoria & Albert Museum, London, UK [12, 33]
 Whitworth Art Gallery, Manchester University [33]
 York Castle Museum, York [5]

Major exhibitions on textiles, costumes, fashion in the past 5 years, number of tickets sold/ visitors and income generation *

2017:

Balenciaga: Shaping Fashion, The Victoria & Albert Museum, London, UK 2017-18 [28]
 Diana Her Fashion Story, Kensington Palace, London, UK, 2017 [28]
 The World of Anna Sui, Fashion and Textile Museum, London, UK, 2017 [28]
 Undressed: A Brief History of Underwear, The Victoria & Albert Museum, London, UK 2016-17 [28]

2018:

Azzedine Alaïa: The Couturier, The Design Museum, London, UK, 2018 [29]
 Fashioned from Nature, The Victoria & Albert Museum, London, UK, 2018-19 [29]
 Frieda Kahlo's Wardrobe, The Victoria & Albert Museum, London, UK, 2018 [29]
 Orla Keily: A Life in Pattern, Fashion and Textile Museum, London, UK, 2018 [29]
 Royal Women, The Fashion Museum Bath, UK, 2018 [29]

2019:

Christian Dior: Designer of Dreams, The Victoria & Albert Museum, London, UK, 2019 [30]
 Mary Quant, The Victoria & Albert Museum, London, UK, 2019 [30]
 Weavers of the Clouds- Textile Arts of Peru, Fashion and Textile Museum London, 2019 [42]

2020:

Kimono: Kyoto to Catwalk, The Victoria & Albert Museum, London, UK 2020 [31]
 Prada. Front and Back, The Design Museum, London, UK, 2020 [31]
 Zandra Rhodes: Fifty Years of Fabulous, Fashion and Textile Museum, London, UK, 2019-20 [31]

2021:

Chintz – Fashion in Bloom, Fashion and Textile Museum London, 2021 [42]
 Bags: Inside Out, The Victoria & Albert Museum, London, UK 2020, postponed to 2021-22 [31, 32]
 Sneakers Unboxed: Studio to Street, The Design Museum, London, UK, 2021 [32]

* information on ticket sales and income generation not publicly available

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Figure 1. Shetland Museum, Marriage pile bedcover, TEX 8129



Figure 2. Shetland Museum, Christening Shawl, 1857, TEX 8927



Figure 3. British Museum Woven Afghan war kilim with red missile and a navy blue tank 1055095001



Figure 5. MLitt Dress and Textile Histories University of Glasgow



Figure 4. British Museum Wax Resist, Manchester Africa 234653001



Figure 6. London College of Fashion MA 2020 - Womenswear Collection by MA Joao Maraschin. Photography by Roger Dean



Figure 7. London College of Fashion MA Menswear 2020 -by XIHE LI. Photography by Roger Dean



Figure 8. Univeristy of Glasgow MPhil Conservation of historic garment



Figure 9. Univeristy of Glasgow MPhil Conservation of a floral textile

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