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The (in)visible side of the balance of payment:
a revised estimates of Italy's current account, 1862-1913

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THE (IN)VISIBLE SIDE OF THE BALANCE OF PAYMENT: A REVISED ESTIMATES OF ITALY'S CURRENT ACCOUNT, 1862-1913

Giovanni Federico * and Andrea Incerpi*

Abstract

The accuracy of Italy's current account series in the Liberal Age has been debated since ISTAT reconstruction in 1957, resulting in a few isolated attempts to shed lights on the topic. The aim of the paper is to provide a new estimate for the main components of the current account, that is trade balance and invisibles, taking into account some possible corrections and new methodologies to overcome the limited availability of data. Results suggest to deepen the analysis of post-Unification Italy looking to different perspectives.

Key-words: Italy, current account, post-Unification

1. Introduction

The reconstruction of economic variables and time series is among the leading goals and tasks for an economic historian. National accounts, in particular, were the first data to be collected since the birth of modern states and the main accountability to evaluate the development of countries and regions. The evolution of data collection and estimation techniques led to a series of extended projects aimed to standardize and to update the national accounts for a wide set of countries or regions (Maddison Project Database; Penn World Table). The spread of data and knowledge in such an extensive manner,

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however, is usually affected by two shortcomings: first, it is limited to few national aggregate variables, such as GDP, exchange rates, employment etc.; second, it hides the evolution of data reconstruction and estimates together with the hurdles overcome to reach a reliable time series. These shortcomings seem to not hold (if not partially) for what concerns the reconstruction of the Italian national accounts. Here, a long tradition of studies attempted to reconstruct the macroeconomic profile of the country in the long run at least since the aftermath of WWII. Firstly, central institutions, such as the Bank of Italy and the Italian national center for statistics (ISTAT), were the main actors to collect data since country's Unification in 1861. Their work covered several variables for the main macroeconomic aggregates: population statistics, migration flows, climate changes, prices, trade etc. Besides these time series, in the following decades, some economic historians focused on the side of national income and production to reconstruct the evolution of economic growth: Fuà (1957) and Fenoaltea (1976) provided the first estimates of the real value added; Federico (1994, 2005) reconstructed the Italian agriculture focusing on some specific sectors (i.e. silk); Federico et al. (2012) collected data to aggregate a substantial part of the Italian foreign trade until WWII; Baffigi (2015) aggregated the pre-existing estimates (Ercolani 1978; Rey 2002; Fenoaltea 2003) in order to obtain value added series both at constant and current prices from country Unification to 2013.

Despite this huge work, some economic aggregates have still several lacks to deal with, mainly referred to the so-called Liberal Age. Among these, studies on the Italian balance of payments reflect the paucity of available sources. Furthermore, these studies have some shortcomings. First, on the trade side, Federico et al. (2012), despite being a milestone for long-run trade series, do not deal with the questionable values proposed by the official statistics for the first decades after the country Unification. Second, Incerpi (2019) proposes a partial reconstruction of the invisible side of the balance of payment until World War I focusing on tourism and remittances but leaving aside other invoices, such as freights and capital flows. This paper aims to fill this gap introducing a correction of Italian trade statistics for the questionable years (up to 1879), a complete estimate of the invisible side of the balance of payment until the eve of World War I and, hence, a revised estimate of the balance of payment. The paper is organized as follows. Section 2 describes the state of the art of the current account time series available for Italy. Section 3 introduces the new estimates (trade balance and invisibles) describing the methodology adopted for each invoice. Section 4 discusses the results in the context of Italian Liberal age. Finally, section 5 concludes.

2. Italy's current account: the state of the art

Current account is the core of the balance of payment scheme. It is essentially a two-sided coin made of a “visible” side – i.e. the trade balance - and an “invisible” side that tracks all the monetary flows

broadly referred to “services” that do not involve tangible assets – i.e. remittances, interests and dividends of foreign investments, freights etc. Historical sources available for these two sides of the current account are very different, as well as the main shortcomings that they have. For this reason, it is necessary to look at them separately.

- *Trade balance*

Federico et al. (2011) have published the Italian trade statistics since 1862 (*Ministero delle Finanze*). These series include the total values and quantities of traded goods (imports and exports) and details for the top-ten trading partners at that time. The main weakness of the series is referred to the total values of trade. Until 1921, the value of imports and exports was computed by multiplying the imported or exported quantities, as declared by traders, by their “official values”. In the first years after Unification, the newborn country inherited the statistics of the pre-existing Kingdom of Sardinia. Starting from 1865, the ‘official value’ was estimated by the custom offices, while from 1871 to 1879 by a permanent committee, the *Consiglio superiore dell’industria e del commercio* and since 1879 by a special permanent committee, the *Commissione Centrale dei Valori per le Dogane* (CCVD) staffed by senior officers of the *Ministero di Agricoltura, industria e commercio* and by representatives of the Chambers of commerce. This committee published its proceedings, which show its work to have been rather accurate since the beginning and improved over time: the proceedings of the committee in the pre-war years are among the best sources on the Italian economic history. Although some scholars had raised some doubts on the reliability of “official values” in the 1890s and 1900s, they have not been able to bring evidence (fonte???). The situation is different for the “values” before 1878 and especially before 1865. From 1865 to 1878, at least, there was a formal procedure for updating the “official values”. This was not the case in 1861-1864. Indeed, Bodio (1865 p. 2), one of the leading and European Italian statisticians, argued that “official values” had not been updated since 1857, when they had been collected with a survey among the Piedmontese Chambers of commerce. Failing to update prices would have been troublesome in any period of the century, but the early 1860s were arguably the worst period to choose, as the cotton famine caused huge changes in relative prices. On the other hand, there is no way to assess the reliability of quantities, but before 1878 traders had little incentives to under-declare quantities and/or mis-classify products, as imports and exports were almost totally free of duties. Thus, we assume that the quantity data were fairly accurate. Thus, our revision focuses on “official value” for which there is no information on the source of prices in the first five years.

In order to test the statement by Bodio (1865) on the updating of the prices of goods, we have tracked prices for the top-20 exported and imported products between 1852 and 1859. Table 1 confirms that

official values had not been updated in the last three years of publication of Piedmontese statistics. Both for imports and exports, these products accounted for about a sixth of the total trade values of the Piedmontese trade but it is highly unlikely that official values of less relevant products were updated.

Table 1. Prices of top-20 imported and exported goods for Piedmont, 1852-1859

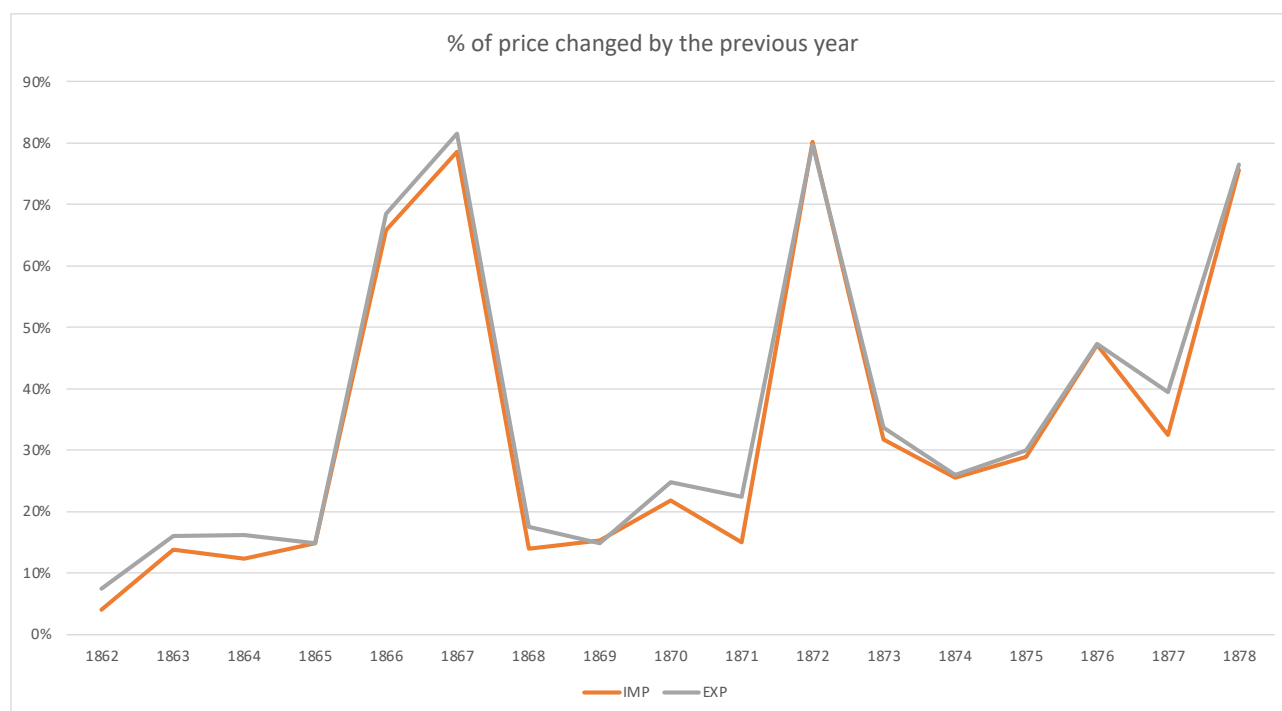
Price of TOP 20 imported products (by value)	1852	1853	1854	1855	1856	1857	1858	1859
Silk	47,45	50,85	49,44	52,30	67,15	85,00	85,00	86,00
Corn	19,87	20,08	25,02	29,51	28,17	23,50	23,50	23,50
Cotton	0,95	0,60	1,03	1,33	1,12	1,86	1,86	1,86
Wine	17,92	21,96	36,90	35,87	37,79	50,00	50,00	50,00
Refined sugar	1,00	0,79	0,81	0,94	1,11	1,18	1,18	1,18
Silkworm eggs	94,74	177,63	76,69	98,34	123,18	450,00	450,00	450,00
Non refined sugar	0,73	0,68	0,71	0,80	0,90	1,11	1,11	1,11
Tobacco leaves	0,90	0,92	0,88	1,03	0,98	1,70	1,70	1,70
Wool	1,42	1,41	1,89	1,53	1,53	3,41	3,41	3,41
Wool textiles	32,23	17,78	17,55	18,47	18,94	9,46*	16,00	16,00
Cotton textiles	6,12	8,54	7,92	8,68	9,63	10,33	10,33	10,33
Coffee	1,39	1,44	1,20	1,24	1,25	1,85	1,85	1,85
Coal	0,03	0,03	0,05	0,04	0,04	0,04	0,04	0,04
Leather	0,58	0,58	0,92	0,73	0,93	1,80	1,80	2,35*
Olive oil	0,66	1,36	1,07	1,06	1,41	1,40	1,40	1,40
Cheese	1,11	1,18	1,27	1,25	1,37	1,67	1,67	1,67
Silk textiles	99,14	105,63	103,87	101,99	105,49	144,00	144,00	144,00
Gold and silver	736,62	3027,88	482,00	177,64	431,26	37,25*	234,29*	205,07*
Seeds	0,76	0,74	0,76	0,65	0,55	0,70	0,70	0,66*
Cotton textiles	3,09	3,40	5,31	4,78	4,79	4,25	4,25	6,2*

Price of TOP 20 exported products (by value)	1852	1853	1854	1855	1856	1857	1858	1859
Silk	50,96	53,85	65,07	48,73	70,65	85*	88*	86*
Rice	0,41	0,4	0,45	0,42	0,41	0,45	0,45	0,45
Wine	80	35	31,65	39,59	32,26	50	50	50
Olive oil	1,06	1,33	1,28	1,13	1,37	1,4	1,4	1,4
Silk textiles	57,75	77,48	95,02	94,75	107,9	144	144	144
Instruction materials	0,02	0,02	0,02	0,03	0,03	0,04	0,04	0,05*
Oxen and bulls	93,89	108,58	186,47	226,4	279,89	294	294	294*
Fruits and citrus	0,81	0,19	0,37	0,3	0,27	0,57	0,57	0,57
Plumb	0,1	0,14	0,19	0,21	0,2	0,22	0,22	0,22
White paper	0,77	1,84	1,15	1,09	1,38	2,2	2,2	2,08*
Cotton	0,8	0,88	0,74	0,7	1,06	1,86	1,86	1,86
Lace	12,11	33,88	47	51,17	58,2	60	60	60
Grains	9,71	13,63	17,55	19,82	13,87	16	16	16
Cheese	0,52	0,85	0,6	0,82	0,79	1,67	1,67	1,67
Goats	6,48	13,13	9,36	15	13,22	21	21	21
Corn	15,07	21,77	23,79	28,89	29,43	23,5	23,5	23,5
Leather	n.a.	n.a.	0,95*	1,21*	1,93*	2,35	2,35	2,35
Cows	101,4	108,39	117,35	108,88	133,44	150	150	150
Coral	94,4	62,74	44,69	44,26	59,26	80	80	80
Butter	0,9	1,25	1,23	1,58	1,28	1,8	1,8	1,8

As a second step, we computed the share of official values which had not changed from one year to the next in the official statistics of “*Movimento Commerciale*” from 1862 to 1878 (Fig.1). As we can see, the statement by Bodio on the Italian prices is not totally correct. Even before 1865 a small proportion of official values (about 15% as average between imports and exports) did change. Since then, massive adjustment occurred in 1866-1867 (the second also to take into account effects

devaluation lira in 1867) and again in 1872 and 1877-1878. In contrast, the share of adjusted official values was relatively low in 1868-1871 and also 1873-1877, even if still substantially higher than after the Unification. It seems that official values were left unchanged, with minimal effort, until they were perceived as out of line with commercial prices and then adjusted over the board.

Fig. 1 – Percentage of prices change by the previous year, 1862-1878



- *Invisibles*

On the other side of the current account, that is the balance of services, the series provided by the national institute of statistics, ISTAT (1957), has been the primary reference until more recent years. Despite its wide use, this series of the balance of payments has serious issues. Tattara (1984) highlighted its main weaknesses in a detailed technical report. First, ISTAT does not provide clear information about the methodology used to construct the series of current and capital accounts. Unilateral monetary transfers, for example, refer to a generic set of data simply added together without any explanation concerning their sources. Further, ISTAT used secondary sources that are not properly mentioned. Similar flaws arise also in tourism data. Here Istat does not show any concern on railway passengers and foreign statistics. In addition, the reconstruction technique is unclear. Istat simply states that the construction of the yearly series before 1896 comes from an extrapolation of previous data, without any additional explanation. Second, Tattara points to the consistency of the series. Compared to previous and coeval annual series for the period 1920-1940 (Borgatta, 1933)

ISTAT series (1957) substantially varies, especially for freights and investments. Fenoaltea (1988) also casts doubt on the validity of the ISTAT series in his analysis. According to him, ISTAT likely underestimates the value of net capital flows in Italy for that period.

Moving on from these critiques, a different reconstruction of the Italian balance of payments for the liberal age is provided by two studies by the Bank of Italy (Biagioli and Picozza, 2002; Marolla and Roccas, 2002). Their procedure is based on a benchmark approach and offers a detailed series of the invisible trade balance in 1891 and 1911, following the census years. The main differences with the statistics provided by ISTAT are both methodological and historiographical, considering a wider range of primary and secondary sources.

In a more recent comparative analysis with Austria-Hungary, Morys (2006) provides new estimates for the Italian balance of payments of the period. His work focuses on remittances and on a deeper analysis of capital movements and interests. Morys estimates remittances using the average amount of money that an Austrian worker usually sent home to his native country in 1911. This approximation is adopted by simply stating that it is reasonable to find similarities between Italy and Austria, without any historical explanation. Furthermore, the value for Austria is multiplied with a loan index for United states (David and Solar, 1977), which is considered as the most important destination for the Italian migration.

Rinaldi and Pistoresi (2015) estimate data on the Italian balance of payments through a different approach. Their work makes a brief collection of all the time series available on the Italian balance of payments, but the main objective is to test Fenoaltea's work using a new dataset. However, the data used in the econometric model provided by Rinaldi and Pistoresi are exactly the same as in previous works. Data on the current account balance are collected from ISTAT for the period 1861-1867, while Morys' series covers the years 1868-1913 and, finally, total investments and GDP are collected from Baffigi (2013).

The most recent work on the Italian current account is Incerpi (2019). Here the reconstruction is limited to remittances and tourism. The aim of the article is to compare the two invoices to explain what was the main determinants to balance the current account from Unification to World War I. However, an aggregate analysis on the trade side and the other invisibles is missing.

3. New series

a. Trade balance (up to 1879)

The need for a correction of the Italian trade statistics led us to re-estimate the value of trade. To do so, we used the British prices from Federico and Tena (2016). Here most of prices are taken from Sauerbeck (1894), while prices for additional primary products, including some Italian exports

(sulphur, marble etc.), and for manufactures, are the unit values of the British trade statistics (Board of trade), which were computed as declared values of shipments divided by the declared quantity. We assume that Italian prices in 1879, after the approval of a new tariff, were accurate enough. Thus, we obtain corrected prices in other years multiplying the Italian price of a specific commodity in 1879 by the change index in British prices of the same (or similar) commodity compared to 1879 (see Appendix A, Tab. III). These are also suitably adjusted for transportation costs and for changes in exchange rates (assuming that prices were in current lire). We have been able to match 1879 Italian prices for around the 80% of the total commodities, both for imports and exports. In case where the commodity is no longer traded in 1879, we pair it with the closest product (see Appendix A, Tab. I-II). When an associated english product is missing, we estimate the yearly price applying the weighted average change index for the corresponding SITC-1 category.

b. Invisibles (up to 1913)

Given the recent reconstruction of remittances and tourism for the Italian Liberal Age (Incerpi, 2019), here we focus our analysis on other two components of the invisibles side of the balance of payments, that are: freights and the interests paid on both investments on public bonds and investments within private sector.

- *Freights and insurances*

The series of freights includes maritime and overland freights. In both cases, freight is the transport cost to move a quantity of a specific commodity across borders. This cost is the sum of four aggregates items: port handling costs and fees, insurance, actual costs of transport and duties on imports or exports, if any. The series of yearly maritime freights refers again to the dataset on world trade statistics by Federico and Tena-Junguito (2016). They introduce benchmark freights for 1848, 1861, 1913 and the corresponding index to adjust yearly values. Within their dataset, freights vary for different commodities only for inbound goods while refers only to coal for outbound statistics. However, the few informations provided do not allow to differentiate freight estimates by commodity. Both inbound and outbound freights series refer to UK and cover a set of specific maritime routes. These routes often do not include Italian ports or its trade partners as defined within the statistical series of *Movimento commerciale del Regno d'Italia* (Federico et al., 2011). Here data on total value, total quantity and price for each commodity are defined for ten trade partners: Austria (Hungary included until 1911), Belgium (Luxembourg included), France, Germany, Netherlands, United Kingdom (Ireland included since 1911), Russia (counting as Soviet Union since 1923), Switzerland,

Argentina and US. Total values and total quantities include even values for commodity whose destination or origin is not specified.

In order to adjust the freight to Italian routes we firstly identify the UK maritime freights benchmarks closer to the geographical context of the Italian trade partners. Ports of reference are listed in figure 2.

Figure 2 – Ports of reference

INBOUND		OUTBOUND	
Origin	Reference port	Destination	Reference port
Belgium	<i>Danzig</i>	Belgium	<i>Danzig</i>
France	<i>Danzig</i>	France	<i>Danzig</i>
Austria-Hungary	<i>Danzig</i>	Austria-Hungary	<i>Danzig</i>
UK	<i>Danzig</i>	Netherlands	<i>Danzig</i>
Netherlands	<i>Danzig</i>	Germany	<i>Danzig</i>
Germany	<i>Danzig</i>	UK	<i>Genoa</i>
Russia	<i>St. Petersburg</i>	Russia	<i>St. Petersburg</i>
Argentina	<i>Buenos Aires</i>	Argentina	<i>Buenos Aires</i>
U.S.A.	<i>New York</i>	U.S.A.	<i>Buenos Aires</i>

Afterwards, we apply the corresponding coefficient to the benchmark freights of the port of reference, obtaining a yearly value stated in the form pound unit of measure/unit of weight. Note that for outbound US freights we apply Buenos Aires freight until 1868 instead, since there are no indexes related to US for previous years. Also, we apply to US the generic index for East Atlantic context after 1869. Thus, since unit of measure and unit of weight for freights are not homogeneous, we transform all the freights to obtain lira per tonnes values. To do that, we convert each value according to Figure 3, applying the exchange rates by Federico and Tena-Junguito (2016).

Figure 3 – Adjustment criteria

Pound conversion		Tonne conversion	
Pound	1	Tonne	1
shillin	20	load	1.09
pence	240	quarter	4.61
		libbre	2204.62

As a next step, we adjust the outbound and inbound freights for UK looking at the mercantile maritime routes in nautical miles related to Italy and its trade partners. We refer to the Philip's mercantile atlas (Philip, 1935) in order to: first, to compute freights to and from the port of London; second, to compute Italian freights referring to Genoa as the main Italian port for foreign trade in those years. We proportionally adjust distances between ports as depicted in Figure 4:

Figure 4 – Distances between ports (nautical miles)

INBOUND	Belgium	France	UK	Netherlands
<i>Reference dist.</i>	Danzig-London	Danzig-London	Danzig-London	London-Danzig
	767	767	767	767
<i>Dist. to Genoa</i>	Antwerp-Genoa	Marseilles-Genoa	London-Genoa	Amsterdam-Genoa
	2,201	200	2,161	2,237
	Germany	Russia	Argentina	USA
<i>Reference dist.</i>	London-Danzig	St.Petersburg-London	Buenos Aires-London	New York-London
	767	1,207	6,294	3,270
<i>Dist. to Genoa</i>	Hamburg-Genoa	St.Petersburg-Genoa	Buenos Aires-Genoa	New York-Genoa
	2,468	3,248	6,180	4,054
OUTBOUND	Belgium	France	UK	Netherlands
<i>Reference dist.</i>	London-Danzig	London-Danzig	London-Genoa	London-Danzig
	767	767	2,161	767
<i>Dist. from Genoa</i>	Genova-Antwerp	Genova-Marseilles		Genoa-Amsterdam
	2,201	200		2,237
	Germany	Russia	Argentina	USA
<i>Reference dist.</i>	London-Danzig	London-St. Petersburg	London-Buenos Aires	London-Buenos Aires
	767	1,207	6,294	6,294
<i>Dist. from Genoa</i>	Genoa-Hamburg	Genoa-St. Petersburg	Genoa-Buenos Aires	Genoa-New York
	2,468	3,248	6,180	4,054

The overall calculation can be summarized according to the following formulas: the first one compute freights referred to UK while the second one estimates freights for Italy.

$$Freight_{UK} = (((Fb_{uw} * I_{yc}) / U_{pound}) * e_{dp}) * e_{ld}) * U_{weight}$$

$$Freight_{ITA} = (Freight_{UK_y} * d_{ITA}) / d_{UK}$$

where Fb_{uw} is the benchmark freight (1848, 1861 or 1913) stated in a specific unit of measure for pound and weight, I_{yc} is the yearly freight index for country c , U_{pound} is the coefficient to convert values in pound, e_{dp} and e_{ld} are the exchange rates dollar/pound and lira/dollar respectively, and finally U_{weight} is the coefficient to convert the value per tonne. Within the second equation, $Freight_{UK_y}$ is the UK freight for the year y while d_{ITA} and d_{UK} are the distances referred to Genoa or to London as reference ports. Finally, we transform all the freight values in current 1911 lira adopting the monetary coefficients estimated by the National Institute of Statistics (ISTAT, 2007). We also estimate a unit freight for those commodities without origin or destination: we simply compute an average value among the other freights that cover a set of different distances.

Finally, yearly freights by country must be multiplied for the total amount of tonnes in order to compute the overall transport cost. Statistics on the Italian foreign trade by *Movimento Commerciale* classify commodities by twenty units of measure collected in Figure 5 together with the coefficient that we adopt for the conversion in tonnes.

Figure 5 – Units of measure and coefficients for tonnes

Units of measure	Coefficient
grams	empty
hectograms	0.0001
kilograms	0.001
quintals	0.1
tons	1
litre	0.001
hectolitres	0.0001
number	<i>see below</i>
set of ten	empty
hundreds/hundred of bottles	<i>see below</i>
thousand	<i>see below</i>
value	<i>n.c.</i>
meters	<i>see below</i>
cubic meters	<i>empty</i>
deck (cards)	<i>see below</i>
pairs	<i>see below</i>
hundred pairs	<i>see below</i>
GRT (gross registered tonnage)	<i>see below</i>

During 1862-1913 there are no commodities classified by grams and set of ten. We do not take into account goods classified only by values since it is not possible to assume any kind of quantities. The other categories that are related to number values, instead of weight, are estimated by assuming specific weight for each commodity. These values are listed in Appendix A and reported in kilograms. We finally consider overland freights since the main dataset (Federico et al., 2011) refer both to neighbouring and not neighbouring countries trading with Italy also by railways. There are only few informations available for freights by railways. These are periodically collected by *Ministero dei Lavori Pubblici* without any specific criterion (1867-many years). I apply an average freight of 12 current lira (1866) for 1862-1867 based on informations available for different commodities, mainly raw materials. Additional informations provided by the reports by *Ministero dei Lavori Pubblici*

suggest an increase of tariffs around 20 current lire for 1868-1881 and an additional 20 per cent increase (24 current lira) until 1890. A 50 per cent decrease follows until the eve of World War I. Finally, we convert all values in constant 1911 lira.

Given the methodology above, we can now estimate the share of freights paid to foreign and Italian carriers. To do that we take into account information within the series of *Annuario Statistico Italiano*. Here there are data on the total quantity of goods traded by each class of carriers. We use the simple share and we apply the unit freight described above to find out the overall freight. Thus, we apply a median value for Italian and foreign carriers for the years where this information is not available. Freights related to passengers are also part of these invoice for the balance of payments. Unfortunately, data on passengers' freights are too few to attempt any kind of reconstruction. Regarding insurances (Figure 6), firstly we compute the value of commodities traded by Italian and foreign carriers. We can do that by referring to the official statistics on the Italian foreign trade and to the reports of national-private railways (SFI, 1868-1914) and the reports of merchant navy (Ministero della Marina Mercantile, 1861-1914). Both provide yearly informations on the shares of commodities traded by foreign and Italian carriers. Where data are not available, we apply the share of the previous year. Then we estimate the cost of insurance. Referring to the benchmarks of the Bank of Italy, we consider a cost of insurances around the 2% of the overall value of commodities for both imports and exports. In order to split costs and revenues for insurances, we need some assumptions. For foreign carriers we assume premia entirely paid to foreign insurance companies. For Italian carriers we assume half premia paid to Italian insurance companies and half to foreign ones. Thus, we correct premia by compensations provided by insurance companies that are, according to Biagioli and Picozza, two-thirds of the insurance cost.

Figure 6 – Estimate of insurance, example (current million lire)

IMPORTS			
<i>Value of commodities imported via foreign carriers</i>	<i>Premia paid to foreign insurance companies</i>	<i>Compensations (2/3 of insurance cost)</i>	<i>Net premia paid to foreign insurance companies</i>
580.913	11.618	7.668	3.950
EXPORTS			
<i>Value of commodities exported via Italian carriers</i>	<i>Premia paid to Italian insurance companies from abroad</i>	<i>Compensations (2/3 of insurance cost)</i>	<i>Net premia paid to Italian insurance companies from abroad</i>
230.562	4.611	3.043	1.568

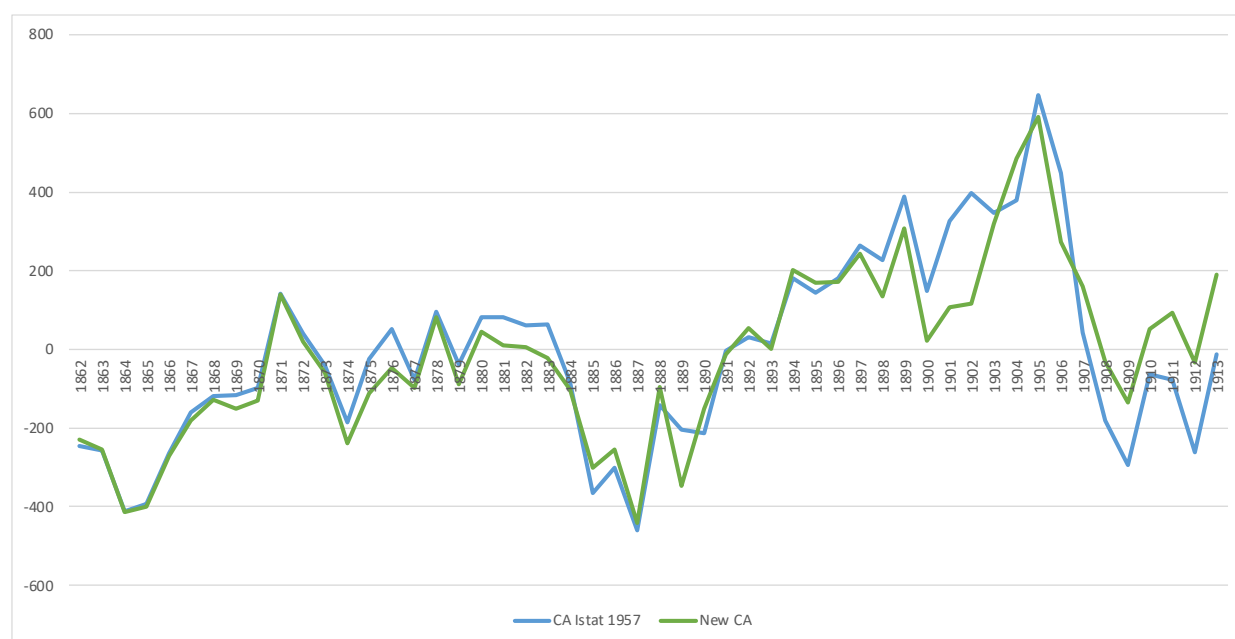
- *Interests*

The reconstruction of this series is based on the interests paid abroad or to foreign investors related to public debt and other kind of investments. Data on interests on the Italian public bond “Rendita” rely on three different sources, covering different years: Zamagni (1999) for years 1862-1864, Provvedimenti (1880) for years 1865-79, and Necco (2015) for 1880-1883. The series used here is based on a companion study by Federico and Incerpi (2024). The estimates of the interests paid on the foreign capital in Italy rest on a lacking context of data. Hertner did the most accurate study on this topic with an aggregate reconstruction of all the informations we have on the foreign capital in Italy before WWI (Hertner, 1981). Hertner provides data on the amount of capital invested by foreign companies operating in Italy and data on Italian joint stock companies with a share of foreign capital. We compare these data with the two benchmark values of interests provided by the Bank of Italy and we extract other four benchmark with a simple ratio, in order to have at least one observation for each decade until 1914. Then we use T.R.A.M.O. technique (Time Series Regressions with ARIMA Noise, Missing Observations and Outliers) to estimate the yearly series of interests within private sector by the trend of the following related variables: exchange rate (Di Nino, Eichengreen and Sbracia, 2013), gross private inflows (Esteves, Reis and Ferramosca, 2009), interest rate (De Bonis et al., 2012) and interests paid abroad on the Italian Rendita (Federico and Incerpi, 2024). Regarding revenues on Italian investments abroad, ISTAT series has been corrected by applying the same T.R.A.M.O. technique and data on interest rate (De Bonis et al., 2012), since sources on this topic are very scarce.

4. Italy’s Liberal age: a reinterpretation?

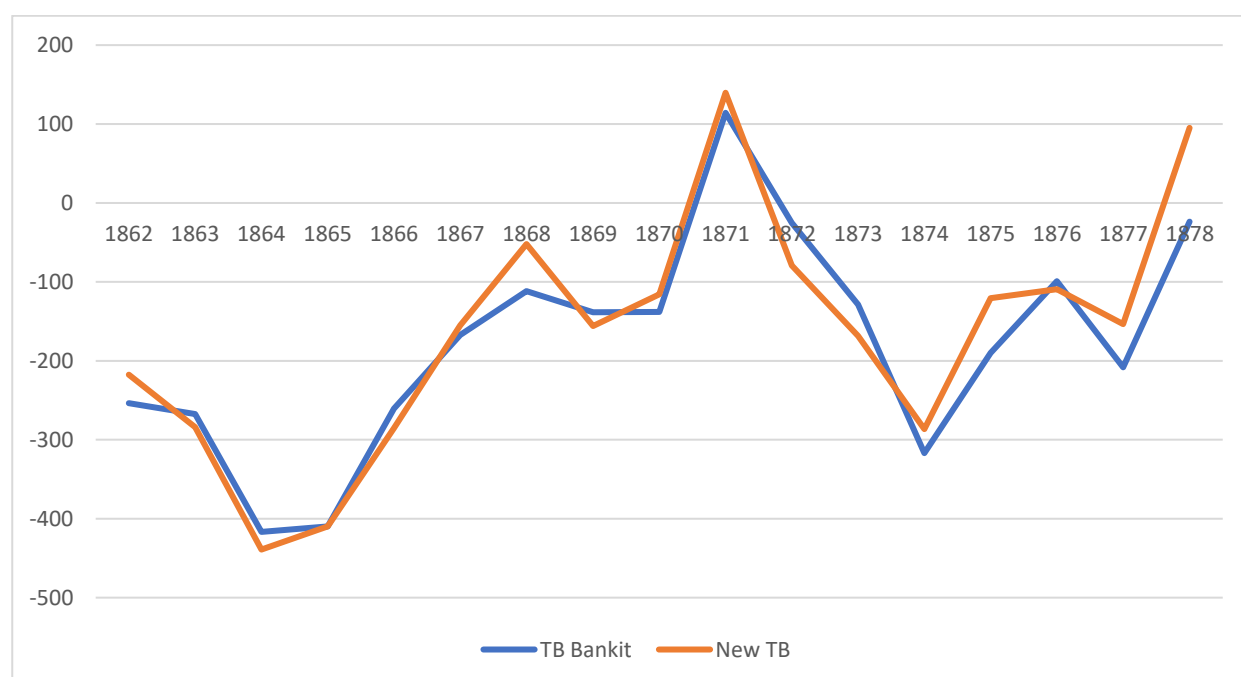
The methodologies described in previous paragraphs allow us to depict a new updated version of Italy’s current account for the Liberal Age (Figure 7).

Figure 7 – Comparing NEW and OLD current accounts



Before 1879, new estimates show a worsened financial position in 1874-76. The same holds between 1880-1883, where ISTAT register values for invisibles that are larger than twice the size of new estimates. From the end of the century to 1906, the new series confirms the downward trend that reverses up to the eve of WWI. We decompose the current account by the two main components discussed within the paper: trade balance and invisibles. We restrict our comparison between trade balances until 1879 (Figure 8), where trade series converge to Bank-IT dataset.

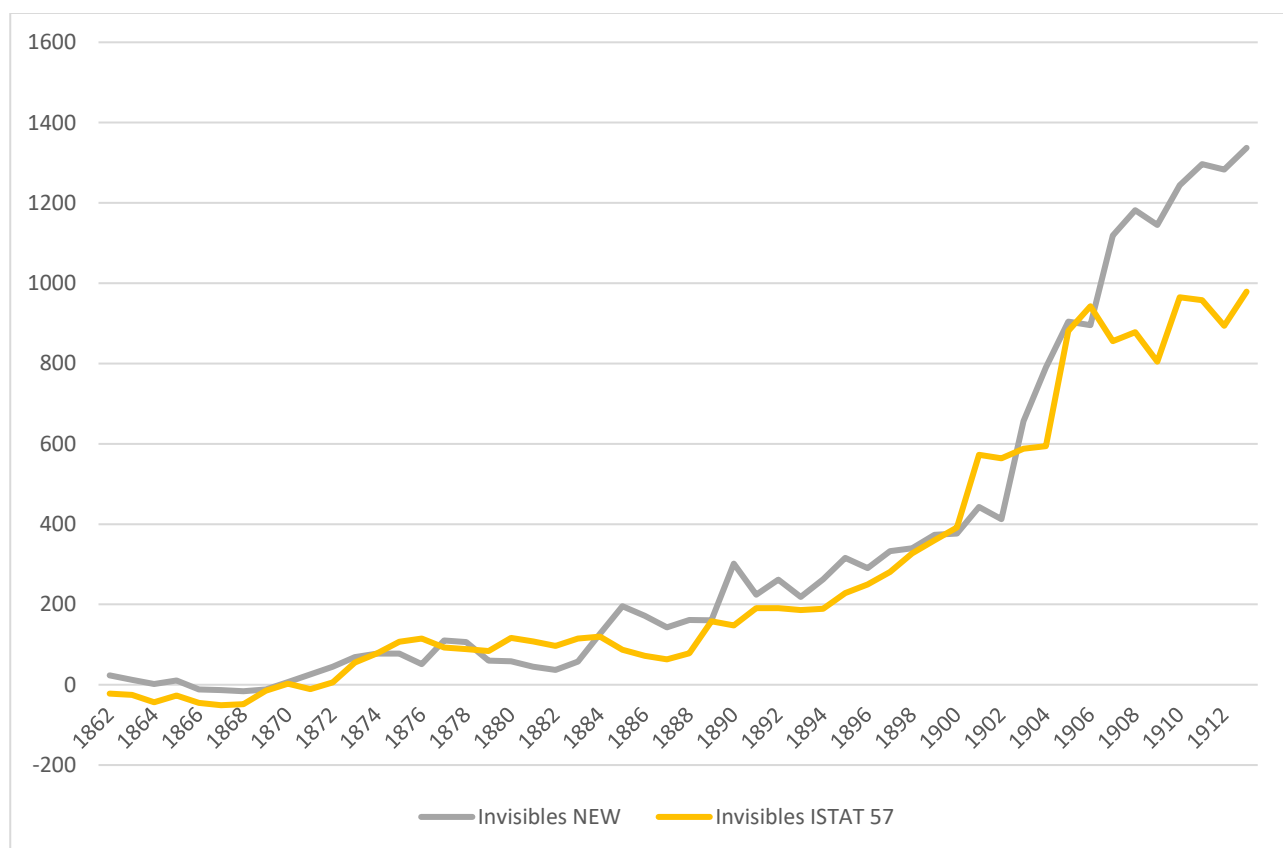
Figure 8 – Comparing NEW and OLD trade balances



Here the most significant differences are; in 1868, where imports contribute to explain a value close to the balance; between 1872 and 1873, where the new series show a slightly worsened picture; finally, between 1874 and the end of the period we estimate an improved balance of trade.

Looking at the invisibles (Figure 9), the new estimates are consistently higher at the beginning of the new century and also between 1884-1898, where tourism, as already pointed out by Incerpi (2019) plays a relevant role in explaining this difference.

Figure 9 – Comparing NEW and OLD invisibles series



5. Conclusions

The reconstruction of Italy's current account goes through many critical issues related to the availability of sources and data for widely different variables. The attempt to overcome some shortcomings of the series so far available give us the chance to discover new possible trend of the main macroeconomic aggregate in a crucial era for the Italian economic development. These new series contribute to investigate the debate on the first wave of Italy's industrialization looking to different determinants or, at least, to question what has been argued until today. As Fenoaltea (2020) proved, the constant search of new sources and the refinements of data and series has a crucial role in the work of the economic historian.

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APPENDIX A

- Imports

This is the list of the imported products that were no longer traded in 1879 and the closest associated products used to compute the adjusted price. Original Italian language has been intentionally left in place to allow accurate checking directly on the original source of *Movimento Commerciale*. When the associated english price is missing we used the average index for the SITC1 category.

Tab. I Imports

Product no longer traded in 1879	Associated product in 1879
SITC 0	
PESCE ALTRO (NON MARINATO)	→ PESCE FRESCO
FIENO(FORAGGI)	→ CRUSCA
SITC 2	
CAUCCIU' GREGGIO	→ GOMMA ELASTICA SOLIDA O LIQUIDA (QUINTALI)
SITC 4	
DEGRAS DI PELLI	→ OLII FISSI N.C.
MONDIGLIA O TERRA DI CERA	
OLII FISSI: LINO	
OLII FISSI: SESAMO	
SITC 5	
ACIDO BENZOICO	→ ACIDI NON NOMINATI N.S. ALTRI
ACIDO CITRICO TARTARICO OSSALICO FOSFORICO	
ACIDO GALLICO IMPURO	
ACIDO OLEICO	
ACIDO OSSALICO	
ALTRE ACQUE MEDICINALI N.S.	→ ALTRI GENERI MEDICINALI
ALTRI COLORI N.S.	→ COLORI IN MATTONELLE
ALTRI SAPONI N.S.	→ SAPONE COMUNE
ALTRO CARBONATO DI SODA N.S.	→ CARBONATO DI SODIO E POTASSIO
CARBONATO DI SODA DI VAREK	
ANTIMONIO PREPARATO	→ ANTIMONIO E ARSENICO
ARSENICO	
CANFORA GREGGIA E RAFFINATA	→ CANFORA GREGGIA
CARBONATO DI POTASSA E CENERI VEGETALI	→ CARBONATO DI SODIO E POTASSIO
CARBONATO DI POTASSA N.S.	
CLORURO DI CALCE SODA MAGNESIA	→ CLORURI DI CALCE POTASSA E SODA (IPOCLORITI)
CLORURO DI POTASSA	
COCCINIGLIA	→ INDACO COCCINIGLIA KERMES
INDACO NATURALE	
KERMES IN POLVERE	
KERMES MINERALE	
COLLA FORTE O DI PESCE	→ COLLA DI PESCE
ESSENZA CANFORA	→ ESTRATTI COLORANTI DI LEGNI E ALTRE SPECIE
ESSENZA CAUCCIU'	
ESSENZA DI CANNELLA E GAROFANO	
NITRATO DI POTASSA	→ NITRATO DI SODIO RAFFINATO E POTASSA
NITRATO DI SODIO	
POLVERE DA FUOCO CON GRANELLI DI DIAMETRO INF. A 1 MM.	→ POLVERE DA FUOCO E ALTRI N.S.
POLVERE DA FUOCO CON GRANELLI DI DIAMETRO SUP. A 1 MM.	
SOLFATO DI FERRO MANGANESE RAME E ZINCO → SOLFATO DI FERRO E MANGANESE	
SOLFATO DI SODIO (CDD 784=3405)	→ SOLFATO DI SODA E POTASSIO
VETRIFICAZIONE E SMALTI IN PANI	→ VETRIFICAZIONE E SMALTI N.S.
VETRIFICAZIONI E SMALTI IN POLVERE	
SITC 6	
ALTRE MERCERIE DI LEGNO COMUNI N.S.	→ ALTRE MERCERIE DI LEGNO N.S.
ALTRI FILATI DI COTONE RITORTI GREGGI N.S.	average aggregate price
FILATI DI COTONE IMBIANCHITI O TINTI N.S.	
ALTRI FILATI DI COTONE RITORTI N.S.	
FILATI DI COTONE RITORTI N.S.	

ALTRI LAVORI GROSSOLANI DI CRINO N.S.	→ CRINO ARRICCIATO CORDE E LAVORI GROSSOLANI
CRINO ARRICCIATO E CORDE IN CRINO	
ALTRI LAVORI IN GHISA N.S.	→ GHISA IN GETTI GREGGI ALTRI N.S.
COPERTE DI LANA N.S.	→ COPERTE E TAPPETI DI LANA PURA
COPERTE E TAPPETI DI BORRA O SCARTI DI LANA	
COPERTE E TAPPETI DI LANA N.S.	
FILATI LANA NATURALE NON TINTI N.S.	→ FILATI LANA O PELO SEMPLICI GREGGI O IMBIANCHITI N.S
FILATI LANA TINTI N.S.	→ FILATI LANA O PELO SEMPLICI TINTI
NUOVI OGGETTI CUCITI IN LANA N.S. (KG)	→ OGGETTI CUCITI DI LANA N.S. ALTRI
TESSUTI DI LANA CARDATI PETTINATI NON RICAM. N.S. ALTRI (QUANTITA')	→ TESSUTI DI LANA CARDATA N.S. ALTRI
TESSUTI CANAPA O LINO ANCHE MISTI COTONE O LANA RICAMATI	→ TESSUTI DI LANA RICAMATI N.S
TESSUTI CANAPA O LINO ANCHE MISTI A COTONE O LANA TESSUTI A COLOR	→ TESSUTI DI LANA PETTINATA CON CATENE COTONE
TESSUTI CANAPA O LINO ANCHE MISTI A COTONE O LANA STAMPATI	
TESSUTI CANAPA O LINO ANCHE MISTI A COTONE O LANA CRUDI O BIANCHI	
TESSUTI CANAPA LINO ANCHE MISTI A COTONE O LANA TINTI	
TAPPETI DI LANA N.S. ALTRI	→ TAPPETI DI BORRA O SCARTI DI LANA
AMBROGETTE DI TERRACOTTA	→ AMBROGETTE VERNICIATE O SMALTATE
ASSICELLE PER SCATOLE	→ ASSICELLE PER SCATOLE O VERGHE PER CERCHI
FILATI COTONE SEMPLICI GREGGI CRUDI INF. A N. 45	→ FILATI COTONE SEMPLICI TINTI DA 10000 A 20000 M/0.5 KG
FILATI COTONE SEMPLICI GREGGI CRUDI SUP. A N. 45	
FILATI DI COTONE SEMPLICI GREGGI CHE MISURANO MENO 20000 M/0.5 KG	→ FILATI DI COTONE SEMPLICI GREGGI CHE MISURANO 10000-20000M/0.5 KG
FILATI DI COTONE SEMPLICI GREGGI > 30000 M/0.5 KGRE 20000M/0.5 KG	
FILATI DI COTONE SEMPLICI GREGGI CHE MISURANO 20000-30000M/0.5 KG	
BOTTI (NUOVE O VECCHIE) INTERE	→ BOTTI CON CERCHI DI FERRO (ETTOLITRI CAPACITA')
BOTTI DISFATTE (PARTI DI BOTTE)	
BOTTI INTERE CON CERCHI IN LEGNO	
BOTTIGLIE COMUNI DA 1/2 LITRO (CENTINAIA)	→ BOTTIGLIE COMUNI (CENTINAIA)
BOTTIGLIE COMUNI DA 1/2 LITRO (QUINT.)	
BOTTIGLIE COMUNI DA UN LITRO (CENTINAIA)	
BOTTIGLIE COMUNI DA UN LITRO (QUINT.)	
BOTTIGLIE COMUNI OLTRE 1 LITRO	
BOTTIGLIE COMUNI (CENTINAIA)	
BOTTIGLIE COMUNI OLTRE 1 LITRO (QUINT.)	
BOTTIGLIE DI VETRO COLORATO (QUINT.)	
BRONZO IN ALTRI LAVORI N.S.	→ RAME OTTONE E BRONZO IN ALTRI LAVORI (NE' DORATI/ARGENTATI) N.S
BRONZO IN LAVORI GROSSI	→ RAME OTTONE E BRONZO TIRATI A MAGLIO IN LAVORI GREGGI N.S.
BRONZO IN PANI LIMATURE E ROTTAMI	→ RAME OTTONE BRONZO IN LIMATURE E ROTTAMI
CALCE	→ MATERIALI EDILI N.S. (GESSI CALCE E CEMENTI)
CARTA DA PARATI N.S.	→ CARTA COLORATA DIPINTA O DA PARATI N.S. ALTRA
CARTONI N.S. ALTRI	→ CARTONI ORDINARI N.S. ALTRI
CORDE SPARTO E TIGLIO CANAPA	→ CORDE DI PAGLIA SCORZE E SPARTO
FIASCHI	→ BOTTIGLIE COMUNI (CENTINAIA)
FILATI CANAPA RITORTI TINTI	→ FILATI DI LINO CANAPA O JUTA RITORTI TINTI
FILATI DI CANAPA SEMPLICI TINTI	→ FILATI DI LINO CANAPA O JUTA SEMPLICI TINTI
FILATI DI CANAPA RITORTI GREGGI O IMBIANCHITI	→ FILATI DI LINO E CANAPA SEMPLICI GREGGI O IMBIANCHITI N.S.
FILATI DI CANAPA SEMPLICI GREGGI IMBIANCHITI	
FILATI DI LINO E CANAPA SEMPLICI GREGGI O IMBIANCHITI N.S.	
FILATI DI LINO E CANAPA SEMPLICI TINTI N.S.	→ FILATI DI LINO CANAPA O JUTA SEMPLICI TINTI
FILATI LINO E CANAPA RITORTI GREGGI O IMBIANCHITI	→ FILATI LINO CANAPA JUTA RITORTI GREGGI IMBIANCHITI
FILATI LINO E CANAPA RITORTI TINTI	→ FILATI DI LINO CANAPA O JUTA RITORTI TINTI
OGGETTI CUCITI NUOVI SETA N.S.	→ OGGETTI CUCITI IN SETA O FILOSELLA N.S.
LASTRE DI VETRO NON PULITE N.S.	→ LASTRE DI VETRO O CRISTALLO(NON DA FINESTRA)NON PULITE ALTRE N.S.

LAVORI IN VETRO DI OGNI SORTA N.S.	→ LAVORI IN VETRO O CRISTALLO SOFFIATO
LAVORI IN CRISTALLO N.S.	
OGGETTI DI CRISTALLO NON COLORATI NE' ARROTATI	
OGGETTI IN VETRO COLORATI ARROTATI O INCISI	
OGGETTI IN VETRO LISCI	
VETRI CONCAVI NON ARROTATI	
OGGETTI DI CRISTALLO INCISI COLORATI E ARROTATI	→ LAVORI IN VETRO O CRISTALLO COLORATO/TINTO IN PASTA SMERIGLIATO
MAIOLICHE BIANCHE O DI COLORE UNITO N.S.	→ MAIOLICHE BIANCHE O DI COLORE UNITO FINI
MOLLE DI ACCIAIO PER CARROZZA	→ MOLLE DI ACCIAIO N.S.
PELLI CONCIATE CON PELO N.S. ALTRE	→ PELLI CONCIATE CON PELO COMUNI
PIZZI E TULLI DI COTONE N.S.	→ PIZZI DI COTONE N.S. ALTRI
RAME E OTTONE BATTUTI	→ RAME OTTONE BRONZO IN SPRANGHE FOGLI LAMINE O TUBI
RAME E OTTONE DORATI IN FILI	→ RAME OTTONE BRONZO DORATI O ARGENTATI IN SPRANGHE O FILI
RAME E OTTONE DORATI IN LINGOTTI	
RAME E OTTONE DORATI LAMINATI BATTUTI TIRATI	
RAME E OTTONE IN FILI	→ RAME OTTONE BRONZO IN FILI N.S.
RAME E OTTONE IN PANI LIMATURE O ROTTAMI	→ RAME OTTONE BRONZO IN LIMATURE E ROTTAMI
RAME E OTTONE LAMINATI	→ RAME OTTONE BRONZO IN SPRANGHE FOGLI LAMINE O TUBI
REMI	→ REMI PALI PERTICHE
SPECCHI MONTATI PICCOLI	→ SPECCHI E LASTRE RELATIVE N.S.
SPECCHI NON MONTATI	
SPECCHI NON MONTATI CON UN LATO PIU' DI 40 CM	
SPRANGHE VERGHE IN ACCIAIO N.S.	→ SPRANGHE VERGHE LAMINE E FILI DI ACCIAIO
TESSUTI COTONE GREGGI N.S. ALTRI	→ TESSUTI COTONE GREGGI N.S. ALTRI
TESSUTI COTONE GREGGI N.S. PESO 7-13 KG 100 MQ < 27 FILI	
TESSUTI COTONE GREGGI N.S. PESO 7-13 KG 100 MQ < 27 FILI	
TESSUTI COTONE GREGGI N.S. PESO 7-13 KG 100 MQ OLTRE 27 FILI	
TESSUTI COTONE GREGGI N.S. PESO OLTRE 13 KG 100 MQ < 27 FILI	
TESSUTI COTONE GREGGI N.S. PESO OLTRE 13 KG 100 MQ OLTRE 27 FILI	
TESSUTI COTONE GREGGI N.S. PESO < 7 KG 100 MQ < 27 FILI	
TESSUTI COTONE GREGGI N.S. PESO < 7 KG 100 MQ OLTRE 27 FILI = 376I	
TESSUTI DI COTONE CRUDI (GREGGI) DEL PESO 7-11 KG/100 MQ CON MENO	
TESSUTI DI COTONE CRUDI (GREGGI) O IMBIANCHITI	
SITC 7	
ALTRE MACCHINE AGRICOLE O INDUSTRIALI SENZA CALDAIA (QUINT.)	→ MACCHINE A VAPORE/LOCOMOTIVE E MACCHINE PER NAVIGAZIONE
ALTRE MACCHINE N.S. (QUANTITA')	
CALDAIE A VAPORE CON TUBI DI FERRO E CALDAIE CILINDRICHE	→ CALDAIE A VAPORE N.S. ALTRE
CALDAIE CON TUBI RAME E OTTONE E CALDAIE NON CILINDRICHE	
PIOMBO IN CARATTERI DA STAMPA NUOVI	→ PIOMBO IN CARATTERI DA STAMPA N.S.
SCARDASSI E GUARNITURE	→ GUARNITURE DI SCARDASSI
SITC 8	
BORZACCHINI SCARPE PELLE (PAIA)	→ ALTRE SCARPE IN PELLE N.S.
GIOIELLI IN ARGENTO DORATO (QUANTITA')	→ GIOIELLI IN ARGENTO N.S.
GIOIELLI IN ARGENTO PURO (QUANTITA')	
LAPIS CON GUAINA IN LEGNO N.S. (QUANTITA')	→ LAPIS CON GUAINA (COMPOSTI) N.S. ALTRI
LIBRI RILEGATI IN CARTONE O PERGAMENA	→ LIBRI RILEGATI IN CARTONE N.S. ALTRI
LIBRI SCIOLTI O RILEGATI IN CARTONE N.S.	→ LIBRI SCIOLTI O LEGATI ALLA RUSTICA
OROLOGI DA TAVOLO DA QUADRO PENDOLI N.S. (NUMERO)	→ OROLOGI DA TAVOLO QUADRO PENDOLI (QUINTALI)
OROLOGI DA TAVOLO DA QUADRO PENDOLI N.S. (VALORE)	
SITC 9	
PISTOLE DA MISURA	→ PISTOLE INTERE N.S. ALTRE

- **Exports**

The same criteria have been adopted also for exported products. This is the list according to Table I layout.

Tab. II Exports

Product no longer traded in 1879	Associated product in 1879
SITC 0	
BURRO	→ BURRO FRESCO
CAVALLI VALORE OLTRE 300 LIRE	→ CAVALLI
CAPRINI	→ OVINI E CAPRINI
NOCI E NOCCIOLE CON GUSCIO	→ NOCI E NOCCIOLE
PISTACCHI SENZA GUSCIO (MONDI)	→ PISTACCHI
SITC 2	
CANAPA E LINO GREGGI	→ CANAPA LINO JUTA GREGGI
CANAPA E LINO PETTINATI (corretto p. inglese associato)	→ CANAPA LINO JUTA PETTINATI
CASCAMI FILATI	→ CASCAMI FILATI O TINTI
CORNA GREGGIA	→ CORNA E OSSA GREGGE
MATERIE AFFINI ALLE OSSA E ALLE CORNA GREGGE (VALORE)	
CRINO GREGGIO	→ CRINO GREGGIO O TINTO E PELI
CRINO GREGGIO O TINTO	
CRINO TINTO	
LANA ALTRA NATURALE	→ LANA ALTRA (DIVERSA OVINO O PELO) N.S.
LEGNO DA EBANISTI SEGATO PER LUNGO IN TAVOLE OLTRE 1 CM DI SPESS. (QUANT.)	→ LEGNO DA EBANISTI SEGATO PER LUNGO N.S. (QUINT.)
LEGNO EBANISTI SEGATO PER LUNGO TAVOLE MENO DI 1 CM DI SPESSORE	
SALE MARINO	→ SALE MARINO E SALGEMMA
SALGEMMA	
ZOLFO GREGGIO IN PANI	→ ZOLFO
SITC 6	
ALTRI FILATI DI COTONE RITORTI N.S.	→ ALTRI FILATI DI COTONE RITORTI TINTI N.S.
AMBROGETTE DI TERRACOTTA	→ AMBROGETTE VERNICIATE O SMALTATE
ASSICELLE PER SCATOLE	→ ASSICELLE PER SCATOLE O VERGHE PER CERCHI
BOTTI (NUOVE O VECCHIE) INTERE	→ BOTTI CON CERCHI DI FERRO (ETTOLITRI CAPACITA')
BOTTI INTERE CON CERCHI IN LEGNO	
CALCE	→ MATERIALI EDILI N.S. (GESSI CALCE E CEMENTI)
CARTA DA PARATI N.S.	→ CARTA COLORATA DIPINTA O DA PARATI N.S. ALTRA
CORDE SPARTO E TIGLIO CANAPA	→ CORDE DI PAGLIA SCORZE E SPARTO
FILATI DI COTONE IMBIANCHITI O TINTI N.S.	→ FILATI DI COTONE SEMPLICI IMBIANCHITI
FILATI DI LINO E CANAPA SEMPLICI TINTI N.S.	→ FILATI DI LINO CANAPA O JUTA SEMPLICI TINTI
FILATI LANA NATURALE NON TINTI N.S.	→ FILATI LANA O PELO N.S.
FILATI LINO E CANAPA RITORTI GREGGI O IMBIANCHITI	→ FILATI LINO CANAPA JUTA SEMPLICI GREGGI O IMBIANCHITI
LASTRE DI VETRO NON PULITE N.S.	→ LASTRE DI VETRO O CRISTALLO(NON DA FINESTRA)NON PULITE ALTRE N.S.
PELLI CONCIATE CON PELO N.S. ALTRE	→ PELLI CONCIATE CON PELO COMUNI
RAME E OTTONE IN PANI LIMATURE O ROTTAMI	→ RAME OTTONE BRONZO IN LIMATURE E ROTTAMI
REMI	→ REMI PALI PERTICHE
SPECCHI MONTATI PICCOLI	→ SPECCHI E LASTRE RELATIVE N.S.
SPECCHI NON MONTATI	
SPECCHI NON MONTATI CON UN LATO PIU' DI 40 CM	
SPRANGHE VERGHE IN ACCIAIO N.S.	→ SPRANGHE VERGHE LAMINE E FILI DI ACCIAIO
SITC 8	
GIOIELLI IN ARGENTO DORATO (VALORE)	→ GIOIELLI IN ARGENTO N.S.
GIOIELLI IN ARGENTO PURO (QUANTITA')	
GIOIELLI ORO ARGENTO PLATINO CON ALTRI METALLI (KG)	
LIBRI RILEGATI IN CARTONE O PERGAMENA	→ LIBRI RILEGATI IN PELLE O PERGAMENA
LIBRI RILEGATI IN PERGAMENA CON VELLUTO O SETA	→ LIBRI RILEGATI N.S. ALTRI
LIBRI RILEGATI IN SETA O CON ORO E ARGENTO	
LIBRI SCIOLTI O RILEGATI IN CARTONE N.S.	→ LIBRI SCIOLTI O LEGATI ALLA RUSTICA
MAGLIE DI LANA N.S. BONNETTERIA (KG)	→ MAGLIE E PASSAMANI DI LANA (KG)
VASELLAME IN ARGENTO DORATO (QUANTITA')	→ VASELLAME IN ARGENTO N.S. (QUANTITA')
VASELLAME IN ARGENTO PURO (QUANTITA')	

Tab. III English proxies for Italian commodities

Italian product	English product proxy	Italian product	English product proxy
ACETATI E PIROLIGNITI DI ALLUMINIO FERRO PIOMBO E RAME	CHEMICALS	ALTRI GIOIELLI IN ORO N.S. (QUANTITA')	GOLD ORE
ACETO IN BOTTE	WINE	ALTRI GRASSI N.S.	BACON WATERFORD
ACETO IN BOTTIGLIE	WINE	ALTRI LATERIZI N.S.	EARTHENWARE, PORCELAIN
ACIDI NON NOMINATI N.S. ALTRI	CHEMICALS	ALTRI LAVORI DA PELLICCIAIO COMUNI N.S.	LEATHER DRESSING HIDES
ACIDO ARSENIOSO	CHEMICALS	ALTRI LAVORI DA PELLICCIAIO FINI N.S.	LEATHERDRESSING HIDES
ACIDO BENZOICO	CHEMICALS	ALTRI LAVORI DI GOMMA N.S.	CAOUTCHOUC MANUFACTURED
ACIDO BORICO	CHEMICALS	ALTRI LAVORI GROSSOLANI DI CRINO N.S.	WOOL (ENGLISH LINCOLN HALF HOGS)
ACIDO CITRICO TARTARICO FOSFORICO	CHEMICALS	ALTRI LAVORI IN GHISA N.S.	PIG
ACIDO CITRICO TARTARICO OSSALICO FOSFORICO	CHEMICALS	ALTRI LAVORI IN MARMO N.S.	MARBLE SAWN OR OTHERWISE MANUFACTURED
ACIDO CLORIDRICO	CHEMICALS	ALTRI LAVORI IN MARMO N.S. (QUINT.)	MARBLE SAWN OR OTHERWISE MANUFACTURED
ACIDO GALLICO E TANNICO IMPURI	CHEMICALS	ALTRI LAVORI IN MARMO N.S. (VALORE)	MARBLE SAWN OR OTHERWISE MANUFACTURED
ACIDO GALLICO IMPURO	CHEMICALS	ALTRI NERI N.S.	INDIGO
ACIDO GALLICO O PIROGALLICO	CHEMICALS	ALTRI OMBRELLI	COTTON MANUFACTURES
ACIDO NITRICO	CHEMICALS	ALTRI PASSAMANI DI LANA N.S. (QUINT.)	WOLLEN WORSTED MANUFACTURES
ACIDO OLEICO	CHEMICALS	ALTRI PRODOTTI CHIMICI N.S.	CHEMICALS
ACIDO OSSALICO	CHEMICALS	ALTRI SAPONI N.S.	SOAP, SOAP POWDER AND SOAP STOCKS
ACIDO SOLFORICO	CHEMICALS	ALTRI STRUMENTI MUSICALI N.S.	MACHINARY HARDWARE & C
ACIDO STEARICO	CHEMICALS	ALTRI TESSUTI DI LINO O CANAPA INCERATI N.S. (VALORE)	LINEN MANUFACTURES
ACIDO TARTARICO	CHEMICALS	ALTRI TESSUTI JUTA N.S. (QUINT.)	JUTECANVAS AND SACKING
ACQUAVITE COMPOSTA IN BOTTI (ETTOLITRI)	SPIRITS	ALTRI UTENSILI N.S. (QUINT.)	MACHINARY HARDWARE & C
ACQUAVITE IN BOTTI SEMPLICI DI MENO DI 22 GRADI	SPIRITS	ALTRI VELLUTI N.S.	COTTON MANUFACTURES
ACQUAVITE IN BOTTI SEMPLICI DI OLTRE 22 GRADI	SPIRITS	ALTRO CARBONATO DI SODA N.S.	BLEACHING POWDER(S/CWT)
ACQUAVITE IN BOTTIGLIE COMPOSTA	SPIRITS	ALTRO INCHIOSTRO	INDIGO BENGAL, GOOD CONSUMING
ACQUAVITE IN BOTTIGLIE N.S.	SPIRITS	ALTRO INCHIOSTRO IN POLVERE N.S. 5332 è inchiostro per la stampa	INDIGOBENGAL, GOODCONSUMING
ACQUAVITE IN BOTTIGLIE SEMPLICE	SPIRITS	AMBROGETTE DI MAIOLICA	EARTHENWARE NOT BEING CHINA OR PORCELAIN WARE
ACQUE MINERALI NATURALI ARTIFICIALI O GASSOSE	BEER AND ALE	AMBROGETTE DI TERRACOTTA	EARTHENWARE NOT BEING CHINA OR PORCELAIN WARE
AGARICO BIANCO (DI LARICE)	CHEMICALS	AMBROGETTE VERNICIATE O SMALTATE	EARTHENWARE NOT BEING CHINA OR PORCELAIN WARE
AGARICO DI QUERCIA	CHEMICALS	AMIDO	RICE (RANGOON, CARGOES TO ARRIVE)
ALABASTRO GREGGIO	MARBLE IN ROUGHT BLOCKS	AMMONIACA POTASSA SODA	CHEMICALS
ALCALOIDI E LORO SALI	ALKALI	AMMONIACA POTASSA SODA IMPURA	CHEMICALS
ALTRA CERA BIANCA (QUINT.)	PARAFFIN WAX	AMMONIACA POTASSA SODA PURA	CHEMICALS
ALTRA CERA GIALLA LAVORATA (QUINT.)	PARAFFIN WAX	ANTIMONIO PREPARATO	COPPER ORE [EXTRAPOLATED WITH IRON ORE]
ALTRA FRUTTA FRESCA N.S.	FRUIT, FRESH	API (PECCHIE) VIVE	PARAFFIN WAX
ALTRA FRUTTA SECCA N.S.	RAISINS, DRIED (EXTRAPOLATED WITH PRICE FOR CURRANTS)	ARANCI E LIMONI	ORANGES AND LEMON
ALTRE ACQUE MEDICINALI N.S.	CHEMICALS	ARGENTO IN FOGLI	SILVER
ALTRE ESSENZE N.S.	ORANGES AND LEMON	ARMI N.S.	IRON AND STEEL MANUFACTURES
ALTRE MACCHINE N.S.	NON-STEAM ENGINE: AGRICULTURAL	ARSENICO	CHEMICALS
ALTRE MERCERIE DI LEGNO COMUNI N.S.	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)	ASINI	COWS
ALTRE PELLI CONCIATE N.S.	LEATHERDRESSING HIDES	ASSICELLE PER SCATOLE	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)
ALTRE PIETRE PER ARTI	MARBLE SAWN OR OTHERWISE MANUFACTURED	ASSICELLE PER SCATOLE O VERGHE PER CERCHI	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)
ALTRE PROFUMERIE N.S. (QUINT.)	PERFUMERY	AVANZI E COLATURE DI CANDELA	PARAFFIN WAX
ALTRE RESINE ESOTICHE E GOMME-RESINE	CHEMICALS	AVENA	OATS (ENGLISH GAZETTE)
ALTRE SPEZIE	CINNAMON	AVORIO GREGGIO (DENTE ELEFANTE)	BONES (EXCEPT WHALEFINS) FOR MANUFACTURING PURPOSE
ALTRI CEREALI N.S. (GRANAGLIE E MARSASCHI)	WHEAT (ENGLISH GAZETTE)	AVORIO GREGGIO (DENTE ELEFANTE) (QUINTALI)	BONES (EXCEPT WHALEFINS) FOR MANUFACTURING PURPOSE
ALTRI COLORI N.S.	INDIGO	AVORIO MADREPERLA TARTARUGA GREGGI	BONES (EXCEPT WHALEFINS) FOR MANUFACTURING PURPOSE
ALTRI CORDAMI DI LINO O CANAPA N.S.	HEMP (ST. PETERSBURG, CLEAN)	BAGNI IN MARMO	MARBLE SAWN OR OTHERWISE MANUFACTURED
ALTRI FILATI DI COTONE RITORTI GREGGI N.S.	COTTON YARNS	BAIONETTE	IRON AND STEEL MANUFACTURES
ALTRI FILATI DI COTONE RITORTI N.S.	COTTON YARNS	BALAUSTRE E PILASTRINI	MARBLE SAWN OR OTHERWISE MANUFACTURED
ALTRI GENERI MEDICINALI	CHEMICALS	BALOCCHI N.S. ALTRI	MACHINARY HARDWARE & C
		BASTI (NUMERO)	LEATHER AND MANUFACTURES THEROF

Italian product	English product proxy	Italian product	English product proxy
BAULI E IMPERIALI VETTURA	ROAD MOTOR CARS	CANAPA E LINO PETTINATI	HEMP (ST. PETERSBURG, CLEAN)
BERRETTI MILITARI	HATS, BONNETS, CAPS AND OTHER HEADGEAR	CANDELE DI SEGO	TALLOWTOWN
BERRETTI N.S. ALTRI	HATS, BONNETS, CAPS AND OTHER HEADGEAR	CANDELE STEARICHE	TALLOWTOWN
BIANCHERIA SETA O FILOSELLA MISTA CON ALTRE MATERIE FIL SILK		CANNE DA PISTOLA	IRON AND STEEL MANUFACTURES
BIANCHERIA SETA O FILOSELLA MISTA CON ALTRE MATERIE FIL SILK		CANNE DI FUCILI	IRON AND STEEL MANUFACTURES
BIANCHERIA SETA O FILOSELLA NUOVA	SILK	CANNELLA COMUNE	CINNAMON
BIRRA IN BOTTI	BEER AND ALE	CANNELLA FINE	CINNAMON
BIRRA IN BOTTIGLIE	BEER AND ALE	CAPELLI LAVORATI	BONES (EXCEPT WHALEFINS) FOR MANUFACTURING PURPOSE
BITUMI SOLIDI ASFALTO	CEMENT	CAPELLI NON LAVORATI	BONES (EXCEPT WHALEFINS) FOR MANUFACTURING PURPOSE
BOLO DI ARMENIA	PERFUMERY	CAPPELLI E BERRETTI VALORE < 5 LIRE	HATS OR BONNETS: STRAW
BONNETTERIA BOTTONI E PASSAMANERIA LINO E CANAPA	LINEN MANUFACTURES	CAPPELLI E BERRETTI VALORE > 5 LIRE	HATS OR BONNETS: STRAW
BONNETTERIA CANAPA LINO BIANCA	LINEN MANUFACTURES	CARBON FOSSILE E COKE	COAL (WALLSEND HETTON IN LONDON)
BONNETTERIA DI COTONE STAMPATA	COTTON MANUFACTURES	CARBONATO DI BARIO	CHEMICALS
BONNETTERIA DI COTONE TESSUTA A COLORI	COTTON MANUFACTURES	CARBONATO DI MAGNESIA	NITRATE (OF SODA)
BONNETTERIA DI COTONE TINTA	COTTON MANUFACTURES	CARBONATO DI PIOMBO	LEAD (ENGLISH PIG)
BONNETTERIA LINO E CANAPA TINTA	LINEN MANUFACTURES	CARBONATO DI POTASSA N.S.	CHEMICALS
BORACE (BORATO DI SODIO)	CHEMICALS	CARBONE DI LEGNA	COAL (WALLSEND HETTON IN LONDON)
BORZACCHINI SCARPE PELLE (PAIA)	BOOTS AND SHOES OF LEATHER()	CARCASSE PER OGGETTI DI MODA	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER
BOTTI (NUOVE O VECCHIE) INTERE	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)	CARDI DI ERBA PER CARDARE I PANNI	MANUFACTURES AND COTTON MANUFACTURES
BOTTI CON CERCHI DI FERRO (ETTOLITRI CAPACITA')	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)	CARNE COTTA	BRISTLES
BOTTI DISFATTE (PARTI DI BOTTE)	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)	CARNE SALATA N.S. ALTRA	BEEF (MIDDLELING)
BOTTI INTERE CON CERCHI IN LEGNO	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)	CARNICCIO E RITAGLI DI PELLE	BEEF (MIDDLELING)
BOTTIGLIE COMUNI (CENTINAIA)	GLASS MANUFACTURED	CARRI CARRETTI E CARRI MERCI	LEATHER CROP HIDES 30-45 LBS
BOTTIGLIE COMUNI DA 1/2 LITRO (CENTINAIA)	GLASS MANUFACTURED	CARROZZE E CARROZZE FERROVIARIE	NON-STEAM ENGINE: AGRICULTURAL
BOTTIGLIE COMUNI DA 1/2 LITRO (QUINT.)	GLASS MANUFACTURED	CARRUBE	ROAD MOTOR CARS
BOTTIGLIE COMUNI DA UN LITRO (CENTINAIA)	GLASS MANUFACTURED	CARTA BIANCA O TINTA IN PASTA N.S.	COCOA RAW
BOTTIGLIE COMUNI OLTRE 1 LITRO	GLASS MANUFACTURED	CARTA COLORATA DIPINTA O DA PARATI N.S. ALTRA	PAPER
BOTTIGLIE DI VETRO COLORATO (QUINT.)	GLASS MANUFACTURED	CARTA COLORATA DORATA DIPINTA N.S. ALTRE	PAPER
BOTTONI CANAPA O LINO BIANCHI	LINEN MANUFACTURES	CARTA DA INVOLTI O ASCIUGANTE N.S. ALTRA	PAPER
BOTTONI DI COTONE TINTI N.S.	COTTON MANUFACTURES	CARTA DA PARATI N.S.	PAPER
BOTTONI DI LANA	WOLLEN WORSTED MANUFACTURES	CARTAPECORA	LEATHER CROP HIDES 30-45 LBS
BOTTONI IN SETA O FILOSELLA N.S.	SILK	CARTE DA GIOCO E TAROCCHI	PAPER
BOTTONI SETA O FILOSELLA MISTI CON ALTRE MATERIE	SILK	CARTE DA GIOCO N.S.	PAPER
BOVI E TORI	CATTLE	CARTE GEOGRAFICHE N.S.	PAPER
BOZZOLI	SILK (TSATLEE)	CARTONI N.S. ALTRI	PAPER
BRONZO IN ALTRI LAVORI N.S.	COPPER LINGOTS, CAKES, SLABS(15)	CASCAMI FILATI	SILK THROWS(9)
BRONZO IN LAVORI GROSSI	COPPER LINGOTS, CAKES, SLABS(15)	CASCAMI FILATI O TINTI	SILK THROWS(9)
BRONZO IN OGGETTI DORATI N.S.	COPPER LINGOTS, CAKES, SLABS(15)	CASCAMI GREGGI ALTRI	SILK THROWS(9)
BRONZO IN PANI LIMATURE E ROTTAMI	COPPER LINGOTS, CAKES, SLABS(15)	CASSIA E TAMARINDI IN POLPA (FRUTTI E SEMI MEDICINALI)	BEANS
BUDELLE FRESCHE	BEEF (PRIME)	CASSIA E TAMARINDI NATURALI	BEANS
BUDELLE SALATE	BEEF (PRIME)	CASSIA LIGNEA	CINNAMON
BURRO	BUTTER (FRIESLAND, FINE TO FINEST)	CASTAGNE	FRUIT, UNENUMERATED RAW
BURRO FRESCO	BUTTER (FRIESLAND, FINE TO FINEST)	CASTELLI DI OROLOGI DA TASCA	IRON AND STEEL MANUFACTURES
BURRO SALATO	BUTTER (FRIESLAND, FINE TO FINEST)	CASTELLI DI OROLOGI DA TAVOLA (QUINT.)	IRON AND STEEL MANUFACTURES
CACAO	COCOA RAW	CASTELLI DI OROLOGI DA TORRE (QUINT.)	IRON AND STEEL MANUFACTURES
CACAO IN GRANI	COCOA RAW	CAUCCIU' GREGGIO	CAOUTCHOUC
CACCIAGIONE E SELVAGGINA N.S.	MUTTON MIDDLELING	CAVALLI VALORE MENO 300 LIRE	CATTLE
CAFFE'	COFFEE (RIO GOOD CHANNEL)	CAVALLI VALORE OLTRE 300 LIRE	CATTLE
CALCE	CEMENT	CEDRI	ORANGES AND LEMON
CANAPA E LINO GREGGI	HEMP (ST. PETERSBURG, CLEAN)	CERA BIANCA NON LAVORATA (QUINT.)	PARAFFIN WAX

Italian product	English product proxy	Italian product	English product proxy
CERA GIALLA NON LAVORATA (QUINT.)	PARAFFIN WAX	FELTRI PER CAPPELLI	WOLLEN PICE LIGHT ALL WOOL
CERA LACCA (QUANTITA')	PARAFFIN WAX	FERRO 2 LAV. GUAR. ALTRI METALLI	STEEL BARS, ANGLES, SHAPES(L/TON)
CHIODI DI GAROFANO	CINNAMON	FERRO 2 LAV. SEMPLICE N.S.	STEEL BARS, ANGLES, SHAPES(L/TON)
CICORIA ABBRUSTOLITA	COFFEE (RIO GOOD CHANNEL)	FERRO O ACCIAIO FUCINATO O IN GETTI N.S.	STEEL BARS, ANGLES, SHAPES(L/TON)
CICORIA E SURROGATI DI CAFFE' SECCA (DISSECCATA)	COFFEE (RIO GOOD CHANNEL)	FERRO PRIMA LAVORAZIONE IN BARRE VERGHE (LAMINATO O BATTUTO)	STEEL BARS, ANGLES, SHAPES(L/TON)
CICORIA MACINATA O TOSTATA	COFFEE (RIO GOOD CHANNEL)	FIASCHI	GLASS MANUFACTURED
CIOCCOLATA	COCOA RAW	FIENO (FORAGGI)	RYE
CLORURI DI CALCE POTASSA E SODA (IPOCLORITI)	CHEMICALS	FILATI CANAPA RITORTI TINTI	LINEN YARN (LBS)
COBALTO	INDIGO	FILATI COTONE SEMPLICI GREGGI CRUDI INF. A N. 45	COTTON YARNS
COCCINIGLIA	COCHINEAL (GRANILLA AND DUST)	FILATI COTONE SEMPLICI GREGGI CRUDI SUP. A N. 45	COTTON YARNS
COLLA FORTE O DI PESCE	FISH	FILATI DI CANAPA RITORTI GREGGI O IMBIANCHITI	LINEN YARN (LBS)
COLORI IN MATTONELLE	COCHINEAL (GRANILLA AND DUST)	FILATI DI CANAPA SEMPLICI GREGGI IMBIANCHITI	LINEN YARN (LBS)
CONCIME (NON CHIMICI) N.S.	GUANO	FILATI DI CANAPA SEMPLICI TINTI	LINEN YARN (LBS)
CONFETTI E CONSERVE CON ZUCCHERO E MIELE	SUGAR (BRITISH WEST INDIAN REFINING)	FILATI DI COTONE IMBIANCHITI O TINTI N.S.	COTTON YARNS
COPERTE CANAPA LINO TESSUTE A COLORI	LINEN MANUFACTURES	FILATI DI COTONE RITORTI N.S.	COTTON YARNS
COPERTE DI COTONE GREGGE IMBIANCHITE	COTTON MANUFACTURES	FILATI DI LINO E CANAPA SEMPLICI GREGGI O IMBIANCHITI N.S.	LINEN YARN (LBS)
COPERTE DI COTONE N.S. ALTRE	COTTON MANUFACTURES	FILATI DI LINO E CANAPA SEMPLICI TINTI N.S.	LINEN YARN (LBS)
COPERTE DI COTONE STAMPATE	COTTON MANUFACTURES	FILATI LANA NATURALE NON TINTI N.S.	WOLLEN AND WORSTED YARNS
COPERTE DI COTONE TESSUTE A COLORI	COTTON MANUFACTURES	FILATI LANA O PELO N.S.	WOLLEN AND WORSTED YARNS
COPERTE DI LINO O DI CANAPA N.S.	LINEN MANUFACTURES	FILATI LANA O PELO SEMPLICI GREGGI O IMBIANCHITI N.S.	WOLLEN AND WORSTED YARNS
COPERTE DI SETA MISTA D'ALTRE MATERIE	SILK	FILATI LANA O PELO SEMPLICI TINTI	WOLLEN AND WORSTED YARNS
COPERTE DI SETA PURA	SILK	FILATI LANA TINTI N.S.	WOLLEN AND WORSTED YARNS
COPERTE E TAPPETI DI BORRA O SCARTI DI LANA	WOLLEN WORSTED MANUFACTURES	FILATI LINO E CANAPA RITORTI GREGGI O IMBIANCHITI	LINEN YARN (LBS)
COPERTE E TAPPETI DI LANA N.S.	WOLLEN WORSTED MANUFACTURES	FILATI LINO E CANAPA RITORTI TINTI	LINEN YARN (LBS)
COPERTE E TAPPETI DI LANA PURA	WOLLEN WORSTED MANUFACTURES	FILI DI GOMMA E CINGHIE DI TRASMISSIONE	CAOUTCHOUC
COPPALE LACCA	CHEMICALS	FILI E LAVORI N.S. ACCIAIO	STEEL BARS, ANGLES, SHAPES(L/TON)
CORALLO GREGGIO	GOLD LEAVES	FILI FERRO N.S.	STEEL BARS, ANGLES, SHAPES(L/TON)
CORALLO LAVORATO NON MONTATO	GOLD LEAVES	FORMAGGI N.S.	CHEESE
CORDE SPARTO E TIGLIO CANAPA	HEMP	FORNIMENTI DA TIRO ORNATI	LEATHER AND MANUFACTURES THEROF
COTI DI RASOIO	PERFUMERY	FORNIMENTI DA TIRO SEMPLICI	LEATHER AND MANUFACTURES THEROF
COTONE GREGGIO IN MASSA	COTTON (MIDDLING UPLANDS)	FORNIMENTI DI OMBRELLO	SILK
CRINO ARRICCIATO E CORDE IN CRINO	WOOL (ENGLISH LINCOLN HALF HOGS)	FORNIMENTI DI OROLOGERIA N.S. ALTRI	IRON AND STEEL MANUFACTURES
CRINO GREGGIO O TINTO	WOOL (ENGLISH LINCOLN HALF HOGS)	FORNIMENTI PER FIORI FINITI (KG)	SILK
CROGIOLI GIARE LAVORI GROSSI DI TERRACOTTA	EARTHENWARE NOT BEING CHINA OR PORCELAIN WARE	FOULARDS SETA O FILOSELLA CRUDI(GREGGI)	SILK
CRUSCA	BARLEY (ENGLISH GAZETTE)	FOULARDS SETA O FILOSELLA STAMPATI O TINTI	SILK
CUSCINETTI GHISA PER FERROVIE	PIG	FRUTTA IN COMPOSTO NELL'ACETO O NEL SALE	FRUIT, UNENUMERATED RAW
DAMIGIANE	GLASS MANUFACTURED	FRUTTA IN COMPOSTO NELLO SPIRITO DI VINO	FRUIT, UNENUMERATED RAW
DATTERI	RAISINS, DRIED (EXTRAPOLATED WITH PRICE FOR CURRANTS)	FRUTTA IN COMPOSTO NELL'OLIO	FRUIT, UNENUMERATED RAW
	LEATHER		
	CROP HIDES		
DEGRAS DI PELLI	30-45 LBS	FRUTTA LEGUMI ORTAGGI SOTTACETO SOTTOLIO SOTTOSALE N.S.	FRUIT, UNENUMERATED RAW
DOGHE PER BOTTI IN LEGNO N.S. (METRI)	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)	FRUTTA OLEOSA N.S. ALTRA	IRON AND STEEL MANUFACTURES
DOGHE PER BOTTI IN ROVERE (METRI)	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)	FUCILI DA CACCIA	IRON AND STEEL MANUFACTURES
ERBE FIORI FOGLIE RADICHE MEDICINALI N.S.	PERFUMERY	FUCILI N.S.(DA MUNIZIONE)	IRON AND STEEL MANUFACTURES
ESSENZA CANFORA	PERFUMERY	FUNGHI E TARTUFI	VEGETABLES FRESH OTHER
ESSENZA CAUCCIU'	CAOUTCHOUC	GALLONI E NASTRI DI CANAPA O LINO N.S.	LINEN MANUFACTURES
ESSENZA DI CANNELLA E GAROFANO	CINNAMON	GALLONI E NASTRI DI COTONE	COTTON MANUFACTURES
FARINA TUTTI I CEREALI	FLOUR (TOWN MADE WHITE)	GALLONI E NASTRI DI LANA N.S. ALTRI	WOLLEN WORSTED MANUFACTURES
FAZZOLETTI E SCIARPE DI LANA DI VALORE < 50 LIRE (KG)	WOLLEN WORSTED MANUFACTURE	GALLONI E NASTRI MISTI CON SETA E FILOSELLA (12-50%) (KG)	SILK
FAZZOLETTI E SCIARPE DI LANA DI VALORE > 50 LIRE (KG)	WOLLEN WORSTED MANUFACTURE	GALLONI E NASTRI MISTI CON SETA O FILOSELLA (12-50%) (VALORE)	SILK
FECOLE	POTATOES	GALLONI O NASTRI DI FILOSELLA	SILK
FELTRI INCATRAMATI PER SUOLE	WOLLEN PICE LIGHT ALL WOOL	GALLONI O NASTRI DI SETA PURA	SILK

Italian product	English product proxy	Italian product	English product proxy
GENERI PER TINTA E CONCIA MACINATI N.S.	BARK FOR TANNERS' OR DYERS' USE	LEGNO SGROSSATO PER CASSE E CALCI DI FUCILI	TIMBER (HEWN, AVERAGE IMPORT)
GENERI PER TINTA E CONCIA NON MACINATI N.S.	BARK FOR TANNERS' OR DYERS' USE	LEGNO SQUADRATO O SEGATO PER IL LUNGO (TONN.)	TIMBER (HEWN, AVERAGE IMPORT)
GESSI	CEMENT	LEGUMI E ORTAGGI FRESCHI N.S. ALTRI	BEANS
GESSI E CALCE PIETRE E MINERALI NON METALLICI ALTRI	CEMENT	LIBRI RILEGATI IN SETA O CON ORO E ARGENTO	PAPER
GETTI GHISA LAVORATI IN QUALSIASI MODO	PIG	LIBRI SCIOLTI O RILEGATI IN CARTONE N.S.	PAPER
GHISA DA AFFINAZIONE O FUSIONE IN PANI	PIG	LIMATURE RAME BRONZO O OTTONE	COPPER (CHILI BARS)
GIOIELLI IN ARGENTO DORATO (QUANTITA')	SILVER	LUPPOLO	HEMP (MANILA, FAIR ROPING)
GIOIELLI IN ARGENTO N.S.	SILVER	LV/LAM FE/AC STA/P N.S.	STEEL BARS, ANGLES, SHAPES (L/TON)
GIOVENCHE	COWS	MAGLIE DI COTONE CRUDE O BIANCHE	COTTON MANUFACTURES
GIOVENCHI E TORELLI	OXEN AND BULLS	MAGLIE DI LANA N.S. BONNETTERIA (KG)	WOLLEN WORSTED MANUFACTURES
GOMMA ELASTICA SOLIDA O LIQUIDA (QUINTALI)	RUBBER, CRUDE	MAGLIE SETA O FILOSELLA	SILK
GOMME PURE D'EUROPA	RUBBER, CRUDE	MAGLIE SETA O FILOSELLA N.S., MISTE CON ALTRE MATERIE	SILK
GOMME PURE ESOTICHE D'ASIA	RUBBER, CRUDE	MAIOLICHE BIANCHE O DI COLORE UNITO N.S.	EARTHENWARE NOT BEING CHINA OR PORCELAIN WARE
GRAFITE	IRON ORE	MAIOLICHE COLORATE DORATE O VARIAMENTE DECORATE	EARTHENWARE NOT BEING CHINA OR PORCELAIN WARE
GRANO N.S.	WHEAT (ENGLISH GAZETTE)	MANDORLE CON GUSCIO (IN SCORZA)	ALMONDS
GUANTI PELLE (PAIA)	LEATHER AND MANUFACTURES THEROF	MANDORLE SENZA GUSCIO (MONDE)	ALMONDS
INCHIOSTRO COMUNE A COLORI	INDIGO	MANGANESE	IRON ORE
INDACO NATURALE	INDIGO	MANICOTTI PELLICCIA COMUNI	LEATHER AND MANUFACTURES THEROF
LAME DI SCIABOLE DORATE E DAMASCATE	IRON AND STEEL MANUFACTURES	MANNA IN SORTE O IN CANNELLI	SARSAPARILLA
LAME DI SCIABOLE N.S. ALTRE (NUMERO)	IRON AND STEEL MANUFACTURES	MANOSCRITTI	PAPER
LAME DI SCIABOLE N.S. ALTRE (QUINT.)	IRON AND STEEL MANUFACTURES	MARMO E PIETRE DA COSTRUZIONE LAVORATE O PULITE (QUINT.)	MARBLE SAWN OR OTHERWISE MANUFACTURED
LAMIERE DI FERRO CON SPESSORE < 4 MM.	IRON (BARS)	MARMO GREGGIO	MARBLE IN ROUGHT BLOCKS
LAMIERE DI FERRO CON SPESSORE > 4 MM.	IRON (BARS)	MARMO SEGATO IN TAVOLE DI LUNG. INF. 150 CM	MARBLE SAWN OR OTHERWISE MANUFACTURED
LAMIERE STAGNATE O RAMATE N.S.	TINPLATES	MARMO SEGATO IN TAVOLE DI LUNG. SUP. 150 CM	MARBLE SAWN OR OTHERWISE MANUFACTURED
LANA ALTRA (DIVERSA OVINO O PELO) N.S.	WOOL (ENGLISH LINCOLN HALF HOGS)	MARMO SEGATO IN TAVOLE DI LUNG. SUP. 150 CM	MARBLE SAWN OR OTHERWISE MANUFACTURED
LANA ALTRA NATURALE	WOOL (ENGLISH LINCOLN HALF HOGS)	MATERASSI	WOLLEN WORSTED MANUFACTURES
LANA ALTRA TINTA N.S.	WOOL (ENGLISH LINCOLN HALF HOGS)	MATERIE AFFINI ALLE OSSA E ALLE CORNA GREGGE (QUINTALI)	BONES (EXCEPT WHALEFINS) FOR MANUFACTURING PURPOSE
LAPIS CON GUAINA (COMPOSTI) N.S. ALTRI	COCHINEAL (GRANILLA AND DUST)	MATERIE AFFINI ALLE OSSA E ALLE CORNA GREGGE (VALORE)	BONES (EXCEPT WHALEFINS) FOR MANUFACTURING PURPOSE
LAPIS N.S. ALTRI	COCHINEAL (GRANILLA AND DUST)	MATTONI E EMBRICI COMUNI	EARTHENWARE, PORCELAIN
LASTRE DI MARMO DI LUNG. < 150 CM (NUMERO)	MARBLE SAWN OR OTHERWISE MANUFACTURED	MATTONI N.S.	EARTHENWARE, PORCELAIN
LASTRE DI MARMO DI LUNG. > 150 CM (NUMERO)	MARBLE SAWN OR OTHERWISE MANUFACTURED	MEDICAMENTI COMPOSTI N.S.	CHEMICALS
LAVORI DA SELLAIO N.S. O N.S.	LEATHER AND MANUFACTURES THEROF	MELASSA ALTRO N.S.	MOLASSES
LAVORI DI MODA (KG)	COTTON MANUFACTURES	MERCERIE COMUNI N.S.	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER MANUFACTURES AND COTTON MANUFACTURES
LAVORI DI MODA (VALORE)	COTTON MANUFACTURES	MERCERIE DI AVORIO E LAVORI DA STIPETTARO	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER MANUFACTURES AND COTTON MANUFACTURES
LAVORI DI PANERAIO E STUOIAIO FINI	JUTECANVAS AND SACKING(11)	MERCERIE FINI N.S.	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER MANUFACTURES AND COTTON MANUFACTURES
LAVORI DI PANERAIO E STUOIAIO GROSSOLANI	JUTECANVAS AND SACKING(11)	MERCURIO	IRON ORE
LAVORI IN ALABASTRO (QUINT.)	MARBLE SAWN OR OTHERWISE MANUFACTURED	MIELE	MOLASSES
LAVORI IN ALABASTRO (VALORE)	MARBLE SAWN OR OTHERWISE MANUFACTURED	MIGNATTE	PERFUMERY
LAVORI IN CRISTALLO N.S.	GLASS MANUFACTURED	MINERALI DI FERRO	IRON ORE
LAVORI IN PELLE N.S.	LEATHER AND MANUFACTURES THEROF	MINERALI DI PIOMBO ANCHE ARGENTIFERO	LEAD (ENGLISH PIG)
LAVORI IN SUGHERO N.S.	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)	MINERALI DI RAME	COPPER ORE
LAVORI IN VETRO DI OGNI SORTA N.S.	GLASS MANUFACTURED	MINERALI DI ZINCO	ZINC ORE
LEGNA DA FUOCO	TIMBER (HEWN, AVERAGE IMPORT)	MOBILI DI LEGNO COMUNE NON IMBOTTITI DI LEGNO CURVATO	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)
LEGNAME DA COSTRUZIONE SEGATO	TIMBER (HEWN, AVERAGE IMPORT)	MOBILI DI LEGNO COMUNE NON IMBOTTITI N.S. ALTRI (QUINT.)	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)
LEGNO COMUNE ROZZO O SEMPL. SQUADRATO (TONN)	TIMBER (HEWN, AVERAGE IMPORT)	MOBILI IMBOTTITI DI LEGNO COMUNE N.S. (QUINT.)	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)
LEGNO DA EBANISTI NON SEGATO (QUINT.)	TIMBER (HEWN, AVERAGE IMPORT)	MOBILI IMBOTTITI INTAGLIATI/IMPIALLACCIATI O INTARSIATI	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)
LEGNO DA EBANISTI SEGATO PER LUNGO IN TAVOLE OLTRE 1 C	TIMBER (HEWN, AVERAGE IMPORT)	MOBILI LEGNO EBANISTI N.S.	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)
LEGNO DA EBANISTI SEGATO PER LUNGO N.S. (QUINT.)	TIMBER (HEWN, AVERAGE IMPORT)	MOLE DI MARMO PER VERMICELLAI	MARBLE SAWN OR OTHERWISE MANUFACTURED
LEGNO EBANISTI SEGATO PER LUNGO TAVOLE MENO DI 1 CM I	TIMBER (HEWN, AVERAGE IMPORT)	MOLLE DI ACCIAIO N.S.	IRON AND STEEL MANUFACTURES
LEGNO IN CORRENTI	TIMBER (HEWN, AVERAGE IMPORT)	MOLLE DI ACCIAIO PER CARROZZA	IRON AND STEEL MANUFACTURES

Italian product	English product proxy	Italian product	English product proxy
MONDIGLIA O TERRA DI CERA	PARAFFIN WAX	OVATTA	COTTON (FAIR DHOLLERAH (SURAT))
MONETE DI RAME (BIGLIONE)	COPPER INGOTS	OVINI	SHEEP AND LAMBS
MORTAI MARMO (NUMERO)	MARBLE SAWN OR OTHERWISE MANUFACTURED	OVINI E CAPRINI (CAPRONI)	SHEEP AND LAMBS
MULI	CATTLE	PACKFONG IN ALTRI LAVORI N.S.	COPPER (CHILI BARS)
MUSICA STAMPATA N.S.	PAPER	PALI E PERTICHE	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)
NAVI E BASTIMENTI	ROAD MOTOR CARS	PALLE E PALLINI IN PIOMBO	LEAD (ENGLISH PIG)
NITRATO DI SODIO	CHEMICALS	PANE E BISCOTTO DI MARE	WHEAT (ENGLISH GAZETTE)
NOCI E NOCCIOLE CON GUSCIO	NUTS AND KERNELS (TO EXPRESS OIL)	PANELLE DI NOCE O ALTRE MATERIE	ALMONDS
NOCI E NOCCIOLE SENZA GUSCIO	NUTS AND KERNELS (TO EXPRESS OIL)	PASSAMANI CANAPA O LINO TESSUTI A COLORI N.S.	LINEN MANUFACTURES
NUOVI OGGETTI CUCITI IN LANA N.S. (KG)	WOLLEN WORSTED MANUFACTURES	PASSAMANI COTONE A COLORI O TINTI	COTTON MANUFACTURES
OCRA	INDIGOBENGAL, GOODCONSUMING	PASSAMANI DI COTONE BIANCHI	COTTON MANUFACTURES
OGGETTI CUCITI (BIANCHERIA) COTONE NUOVI GREGGI BIANC	COTTON MANUFACTURES	PASSAMANI DI COTONE N.S. CRUDI	COTTON MANUFACTURES
OGGETTI CUCITI COTONE NUOVI BIANCHI ALTRI	COTTON MANUFACTURES	PASSAMANI DI COTONE N.S. CRUDI O BIANCHI	COTTON MANUFACTURES
OGGETTI CUCITI COTONE NUOVI STAMPATI	COTTON MANUFACTURES	PASSAMANI DI COTONE TESSUTI A COLORE N.S.	COTTON MANUFACTURES
OGGETTI CUCITI COTONE NUOVI TESSUTI A COLORI	COTTON MANUFACTURES	PASSAMANI DI COTONE TINTI N.S.	COTTON MANUFACTURES
OGGETTI CUCITI COTONE NUOVI TINTI N.S.	COTTON MANUFACTURES	PASSAMANI IN FILOSELLA N.S.	SILK
OGGETTI CUCITI DI COTONE NUOVI BIANCHI PESO 7-11 KG/10	COTTON MANUFACTURES	PASSAMANI LINO CANAPA CRUDI N.S.	LINEN MANUFACTURES
OGGETTI CUCITI DI COTONE NUOVI CRUDI ALTRI	COTTON MANUFACTURES	PASSAMANI MISTI DI SETA O FILOSELLA CON ALTRE MATERIE	SILK
OGGETTI CUCITI DI COTONE NUOVI CRUDI PESO > 7 KG/100 M	COTTON MANUFACTURES	PASSAMANI SETA PURA N.S.	SILK
OGGETTI CUCITI DI COTONE USATI BIANCHI ALTRI	COTTON MANUFACTURES	PASTE DI FRUMENTO	WHEAT (ENGLISH GAZETTE)
			INDIGO
			BENGAL, GOOD
			CONSUMING
OGGETTI CUCITI DI COTONE USATI BIANCHI PESO 7-11 KG/10	COTTON MANUFACTURES	PASTELLO DI GUADO E KERMES	
OGGETTI CUCITI DI COTONE USATI GREGGI O IMBIANCHITI(CR	COTTON MANUFACTURES	PASTICCI CACCIAGIONE E SELVAGGINA	MUTTON MIDDLING
OGGETTI CUCITI DI COTONE USATI STAMPATI	COTTON MANUFACTURES	PATATE	POTATOES
OGGETTI CUCITI DI COTONE USATI TESSUTI A COL	COTTON MANUFACTURES	PELLI (OCA E AGNELLO) PER VENTAGLI	CALF SKINS
			LEATHER
			AVERAGE IMPORT
			PRICE
OGGETTI CUCITI DI COTONE USATI TINTI	COTTON MANUFACTURES	PELLI CON PELO DI ORSO LEONE PANTERA	LEATHER
			DRESSING HIDES
OGGETTI CUCITI DI LANA N.S. ALTRI	WOLLEN WORSTED MANUFACTURES	PELLI CONCIATE CON PELO COMUNI	LEATHERDRESSING HIDES
OGGETTI CUCITI IN LANA USATI N.S. (KG)	WOLLEN WORSTED MANUFACTURES	PELLI CONCIATE CON PELO N.S. ALTRE	LEATHERDRESSING HIDES
OLII FISSI: LINO NON COMMESTIBILI NE' DA ARDERE	OIL (LINSEEDS)	PELLI CONCIATE SENZA PELO MA NON RIFINITE N.S. ALTRE	LEATHERDRESSING HIDES
OLII FISSI: SESAMO COMMESTIBILI O DA ARDERE	SEASAMUM	PELLI DA SCARPE (GAMBALI E TOMAIE) (PAIA)	BOOTS AND SHOES OF LEATHER()
OLII MINERALI GREGGI N.S.	CRUDE PETROLEUM, COMBINED SERIES	PELLI DA SCARPE (GAMBALI E TOMAIE) (QUINT.)	BOOTS AND SHOES OF LEATHER()
OLIO DI OLIVA	OIL (OLIVE)	PELLI DI MONTONE, N.S.	LEATHERDRESSING HIDES
OLIVE VERDI	OIL (OLIVE)	PELLI DI PELLICCERIA	LEATHERDRESSING HIDES
OMBRELLI DI SETA	SILK	PELLI MAROCCHINATE	LEATHERDRESSING HIDES
OPPIO	OPIUM UNIT PRICE	PELLI NON CONCIATE (CRUDE, FRESCHE O SECICHE) N.S. ALTRE	LEATHERDRESSING HIDES
ORGANI DA CHIESA	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER MANUFACTU	PELLI PER GUANTI N.S. ALTRE	LEATHERDRESSING HIDES
ORGANI PORTATILI	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER MANUFACTU	PELLI PREGIATE (SACCHI DI ERMELLINO))	LEATHERDRESSING HIDES
ORGANINI A CILINDRO E CARILLON N.S. ALTRI (NUMERO)	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER MANUFACTU	PELLI SCAMOSCIATE	LEATHERDRESSING HIDES
ORO E ARGENTO FILATI SU SETA	GOLD LEAVES	PELLI SCAMOSCIATE E MAROCCHINATE	LEATHERDRESSING HIDES
ORO E ARGENTO GREGGI (KG)	SILVER	PELLI VERNICIATE	LEATHERDRESSING HIDES
ORO E ARGENTO IN LAMINE	GOLD LEAVES	PELO	CALF SKINS
			AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER
ORO IN FOGLI	GOLD LEAVES	PENNELLI N.S. ALTRI	MANUFACTURES AND COTTON MANUFACTURES
OROLOGI DA TASCA CON CASSE IN ALTRI METALLI	IRON AND STEEL MANUFACTURES	PEPE PIMENTO	PACIFIC PRICES FOR PEPPER, LONDON
OROLOGI DA TASCA CON CASSE IN ORO	IRON AND STEEL MANUFACTURES	PESCE ALTRO (NON MARINATO)	FISH
OROLOGI DA TAVOLO DA QUADRO PENDOLI N.S. (NUMERO)	IRON AND STEEL MANUFACTURES	PESCE FRESCO	FISH
OROLOGI DA TAVOLO QUADRO PENDOLI (QUINTALI)	IRON AND STEEL MANUFACTURES	PESCI ACQUA DOLCE ACCONCI	FISH
OSSA DI BALENA GREGGE	BONES (EXCEPT WHALEFINS) FOR MANUFACTURING PURPOSE	PESCI DI MARE SALATI ALTRI	FISH
OSSA DI BALENA TAGLiate	BONES (EXCEPT WHALEFINS) FOR MANUFACTURING PURPOSE	PESCI FRESCHI DI ACQUA DOLCE	FISH
OSSA GREGGE	BONES (EXCEPT WHALEFINS) FOR MANUFACTURING PURPOSE	PESCI IN SALAMOIA N.S. ALTRI	FISH
OSSIDO DI FERRO PIOMBO STAGNO ZINCO	TIN ORE	PESCI IN SCATOLA ALTRI N.S.	FISH
OTRI DA VINO	LEATHER AND MANUFACTURES THEROF	PESCI MARINATI O SOTTOLIO ALTRI N.S.	FISH
		PESCI MARINATI O SOTTOLIO IN SCATOLA, ALTRI N.S.	FISH

Italian product	English product proxy	Italian product	English product proxy
PESCI NAZIONALI	FISH	RAME E OTTONE DORATI LAVORATI N.S.	COPPER (CHILI BARS)
PESCI SECCHI O AFFUMICATI - ALTRI	FISH	RAME E OTTONE IN LAVORI N.S. ALTRI	COPPER LINGOTS, CAKES, SLABS(15)
PESCI SECCHI O AFFUMICATI - SARDINE E SALACCHINI	FISH	RAME E OTTONE IN PANI LIMATURE O ROTTAMI	COPPER LINGOTS, CAKES, SLABS(15)
PESCI SOTTOLO ALTRI N.S. (DIVERSI DAL TONNO)	FISH	RAME E OTTONE LAMINATI	COPPER LINGOTS, CAKES, SLABS(15)
PETROLIO IN RECIPIENTI N.S.	CRUDE PETROLEUM	RAME E OTTONE LAVORATI CON FERRO	COPPER LINGOTS, CAKES, SLABS(15)
PETTINI PER TESSERE E FUSI	TEXTIL MACHINARY	RAME E OTTONE LAVORATI SENZA FERRO	COPPER LINGOTS, CAKES, SLABS(15)
PIANOFORTI (NUMERO)	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER		
PIANTE VIVE ALCALINE	MANUFACTURES AND COTTON MANUFACTURES	RAME OTTONE BRONZO IN VERGHE	COPPER LINGOTS, CAKES, SLABS(15)
PIANTE VIVE PER AGRICOLTURA	VEGETABLES FRESH OTHER	REMI	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)
PIETRE DA ARROTARE	TOMATOES	RESINE INDIGENE GREGGE N.S. ALTRE	CHEMICALS
PIETRE DA MACINA (NUMERO)	MARBLE IN ROUGHT BLOCKS	RETI DA PESCA DI CANAPA O LINO	LINEN MANUFACTURES
PIETRE DA MACINA (QUINTALI)	MARBLE SAWN OR OTHERWISE MANUFACTURED	RHUM IN BOTTI	SPIRITS AVERAGE
PIETRE FERRUGINOSE	MARBLE SAWN OR OTHERWISE MANUFACTURED	RHUM IN BOTTIGLIE	SPIRITS AVERAGE
PIETRE LITOGRAFICHE	MARBLE SAWN OR OTHERWISE MANUFACTURED	RISO	RICE (RANGOON, CARGOES TO ARRIVE)
PINOLI CON GUSCIO (IN SCORZA)	ALMONDS	RISO CON LOLLA	RICE (RANGOON, CARGOES TO ARRIVE)
PINOLI SENZA GUSCIO (MONDI)	ALMONDS	RISO SENZA LOLLA	RICE (RANGOON, CARGOES TO ARRIVE)
PIOMBO IN ALTRI LAVORI N.S.	LEAD (ENGLISH PIG)	ROTAIE	RAILS
PIOMBO IN CARATTERI DA STAMPA N.S.	LEAD (ENGLISH PIG)	ROTTAMI	IRON (BARS)
PIOMBO IN CARATTERI DA STAMPA NUOVI	LEAD (ENGLISH PIG)	SALE MARINO	SALT
PIOMBO IN CARATTERI DA STAMPA USATI	LEAD (ENGLISH PIG)	SALE MARINO E SALGEMMA	SALT
PIOMBO IN FOGLI O TUBI	LEAD (ENGLISH PIG)	SALGEMMA	SALT
PIOMBO PANI ROTTAMI	LEAD (ENGLISH PIG)	SAPONE COMUNE	SOAP, SOAP POWDER AND SOAP STOCKS
PISTACCHI	SEEDS AND NUTS	SAPONE PROFUMATO	SOAP, SOAP POWDER AND SOAP STOCKS
PISTACCHI CON GUSCIO (IN SCORZA)	SEEDS AND NUTS	SCALINI E CORNICI DI MARMO	MARBLE SAWN OR OTHERWISE MANUFACTURED
PISTACCHI SENZA GUSCIO (MONDI)	SEEDS AND NUTS	SCARDASSI E GUARNITURE	WOLLEN WORSTED MANUFACTURES
PISTOLE DA MISURA	IRON AND STEEL MANUFACTURES	SCAVIZZONI DI CANNELLA	CINNAMON
PIUME DA LETTO	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER	SCIABOLE E SPADE MONTATE IN ACCIAIO	IRON AND STEEL MANUFACTURES
PIUME DI ORNAMENTO GREGGE	MANUFACTURES AND COTTON MANUFACTURES		
PIUME ORNAMENTO LAVORATE	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER	SCIABOLE E SPADE MONTATE IN ARGENTO (NUMERO)	IRON AND STEEL MANUFACTURES
PIZZI E TULLI DI COTONE N.S.	MANUFACTURES AND COTTON MANUFACTURES		
PIZZI E TULLI DI LANA N.S.	AVERAGE MACHINERY, PAPER MANUFACTURES, LEATHER	SCIABOLE E SPADE MONTATE IN ARGENTO DORATO (NUMERO)	IRON AND STEEL MANUFACTURES
PIZZI O TULLI DI CANAPA O LINO	MANUFACTURES AND COTTON MANUFACTURES		
PIZZI SETA PURA (KG)	COTTON MANUFACTURES	SCIROPPI PER BIBITE	ORANGES AND LEMON
POLLI MORTI E CARNE FRESCA	WOLLEN WORSTED MANUFACTURES	SCORIE FUSIONE LIMATURE FERRO	IRON ORE
POLVERE DA FUOCO CON GRANELLI DI DIAMETRO INF. A 1 MM.	HEMP	SCORZA DI CHINA N.S.	SPIRITS AVERAGE
POLVERE DA FUOCO CON GRANELLI DI DIAMETRO SUP. A 1 MM.	SILK	SCORZE AGRUMI	ORANGES AND LEMON
POLVERE DA FUOCO E ALTRI PRODOTTI ESPLODENTI N.S.	BEEF (MIDDLING)	SCORZE PER TINTA E CONCIA MACINATE	BARK FOR TANNERS' OR DYERS' USE
PORCELLANE BIANCHE	CHEMICALS	SCORZE PER TINTA E CONCIA NON MACINATE	BARK FOR TANNERS' OR DYERS' USE
PORCELLANE COLORATE O DECORATE	CHEMICALS		
PORTAFOGLI DI PELLE CON GUARNIZIONI IN ORO N.S.	SEME-BACHI	SELLE (NUMERO)	LEATHER AND MANUFACTURES THEROF
QUADRELLI DI MARMO < 25 CM (CENTINAIA)	SEMI DI ERBA MEDICA, DI TRIFOGLIO, ALTRI N.S.		
QUADRELLI DI MARMO > 61 CM (CENTINAIA)	SENAPA IN GRANA	SEME-BACHI	SILK (TSATLEE)
QUADRELLI DI MARMO 25-41 CM (CENTINAIA)	SENAPA LIQUIDA IN POLVERE COMPOSTA	SEMI DI ERBA MEDICA, DI TRIFOGLIO, ALTRI N.S.	SEEDS AND NUTS
QUADRELLI DI MARMO 41-61 CM (CENTINAIA)	SETA TRATTA O TORTA N.S. GREGGIA	SENAPA IN GRANA	AVERAGE PEPPER AND VANILLA (SPICES)
RADICHE DI IPECACUANA	SETA TRATTA O TORTA N.S. TINTA	SENAPA LIQUIDA IN POLVERE COMPOSTA	AVERAGE PEPPER AND VANILLA (SPICES)
RADICHE DI LIQUIRIZIA (REGOLIZIA)	SIGARI AVANA A NUMERO	SETA TRATTA O TORTA N.S. TINTA	SILK (TSATLEE)
RADICHE DI RABARBARO	SIGARI AVANA A PESO	SIGARI AVANA A NUMERO	SILK
RADICHE PER SPAZZOLE	SOLFATO DI ALLUMINIO E POTASSA	SIGARI AVANA A PESO	TOBACCO MANUFACTURES
RAME E OTTONE BATTUTI	SOLFATO DI BARITE	SOLFATO DI ALLUMINIO E POTASSA	TOBACCO MANUFACTURES
RAME E OTTONE DORATI IN LINGOTTI	SOLFATO DI FERRO MANGANESE RAME E ZINCO	SOLFATO DI BARITE	COPPER ORE [EXTRAPOLATED WITH IRON ORE]
RAME E OTTONE DORATI LAMINATI BATTUTI TIRATI	SOLFATO DI MAGNESIO	SOLFATO DI FERRO MANGANESE RAME E ZINCO	CHEMICALS
	SOLFATO DI SODIO (CDD 784=3405)	SOLFATO DI MAGNESIO	CHEMICALS
	SOLFURO DI MERCURIO (CINABRO)	SOLFATO DI SODIO (CDD 784=3405)	CHEMICALS
	SPECCHI MONTATI PICCOLI	SOLFURO DI MERCURIO (CINABRO)	CHEMICALS
	SPECCHI NON MONTATI	SPECCHI MONTATI PICCOLI	WINDOW GLASS
		SPECCHI NON MONTATI	WINDOW GLASS

Italian product	English product proxy	Italian product	English product proxy
SPECCHI NON MONTATI CON UN LATO PIU' DI 40 CM	WINDOW GLASS	TESSUTI PAGLIA SCORZA SPARTO PER CAPPELLI	HATS OR BONNETS: STRAW
SPRANGHE VERGHE IN ACCIAIO N.S.	STEEL BARS, ANGLES,SHAPES(L/TON)	TESSUTI SETA O FILOSELLA MISTI CON ALTRE MATERIE	SILK
SPUGNE COMUNI	PERFUMERY	THE	TEA (CONGOU, COMMON)
SPUGNE FINI	PERFUMERY	TRECCE DI PAGLIA SCORZA E SPARTO PER CAPPELLI FINI	HATS OR BONNETS: STRAW
STAGNO IN ALTRI LAVORI	TINPLATES	TRECCE DI PAGLIA SCORZA E SPARTO PER CAPPELLI GROSSE	HATS OR BONNETS: STRAW
STAGNO IN FOGLI N.S. ALTRI	TINPLATES	TRECCE DI PAGLIA SCORZA E SPARTO PER CORDE ALTRI OGGETTI	HATS OR BONNETS: STRAW
STAGNO IN FOGLI VERNICIATI	TINPLATES	TREMENTINA E OLIO	CHEMICALS
STAGNO IN PANI E ROTTAMI	TINPLATES	TUBI IN TERRACOTTA	EARTHENWARE NOT BEING CHINA OR PORCELAIN WARE
STAGNO IN VERGHE	TINPLATES	TUBI PER FOGNE	EARTHENWARE NOT BEING CHINA OR PORCELAIN WARE
STAGNO LAVORATO CON LEGHE DI ANTIMONIO N.S.	TINPLATES	TULLI DI SETA O FILOSELLA N.S. ALTRI (KG)	SILK
STAMPE LITOGRAFIE	PAPER	TULLI DI SETA O FILOSELLA N.S. ALTRI (VALORE)	SILK
STELI (CRINO) LINO-CANAPA	HEMP (ST. PETERSBURG, CLEAN)	UOVA	EGGS
STIVALI IN PELLE (PAIA)	BOOTS AND SHOES OF LEATHER	UTENSILI DI TERRACOTTA	EARTHENWARE NOT BEING CHINA OR PORCELAIN WARE
STOPPA LINO-CANAPA	HEMP (ST. PETERSBURG, CLEAN)	UTENSILI IN LEGNO COMUNI N.S. (QUINT.)	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)
STRACCI	PAPER	UTENSILI PER ARTI O MESTIERI	IRON AND STEEL MANUFACTURES
STRACCI ANIMALI	PAPER	UVA FRESCA	FRUIT, FRESH
STRACCI VEGETALI	PAPER	VACCHE	COWS
STRUMENTI SCIENTIFICI DI OTTICA N.S.	MACHINERY HARDWARE & C	VANIGLIA	VANILLA (OTHERWISE VANELLOES)
STUOIE	JUTECANVAS AND SACKING(11)	VASELLAME IN ARGENTO DORATO (QUANTITA')	SILVER
SUGHERO GREGGIO	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)	VASELLAME IN ARGENTO N.S. (QUANTITA')	SILVER
SUGHI VEGETALI	VEGETABLES FRESH OTHER	VASELLAME IN ARGENTO PURO (QUANTITA')	SILVER
SUGHI VEGETALI DISSECCATI	VEGETABLES FRESH OTHER	VASELLAME IN ORO (QUANTITA')	GOLD LEAVES
SUGO ARANCIO PER BIBITE	ORANGES	VASI MARMO E ALABASTRO	MARBLE SAWN OR OTHERWISE MANUFACTURED
SUGO LIMONE E CEDRO	ORANGES AND LEMON	VENTAGLI FINI (VALORE > 5 LIRE) (QUINT.)	PAPER MANUFACTURES (HANGINGS)
SUGO LIMONE E CEDRO CONCENTRATO (COTTO)	ORANGES AND LEMON	VERGHE PER CERCHI (MIGLIAIA)	STEEL BARS, ANGLES,SHAPES(L/TON)
SUGO LIMONE E CEDRO CRUDO	ORANGES AND LEMON	VERGHE PER CERCHI (QUINT.)	STEEL BARS, ANGLES,SHAPES(L/TON)
SUINI (MAIALI)	PORK LARGE AND SMALL, AVERAGE	VERNICI N.S.	CHEMICALS
SVEGLIE OROLOGI A RIPETIZIONE	IRON AND STEEL MANUFACTURES	VESTITI BIANCHERIA SETA PURA NUOVA	SILK
TABACCO IN COSTOLE O IN FOGLIA	TOBACCO UNMANUFACTURED	VESTITI BIANCHERIA SETA PURA USATI	SILK
TABACCO LAVORATO ALTRO N.S.	TOBACCO MANUFACTURES	VESTITI DI LINO O CANAPA GREGGI BIANCHI USATI ALTRI	LINEN MANUFACTURES
TABACCO LAVORATO DI SPAGNA IN POLVERE	TOBACCO MANUFACTURES	VESTITI DI LINO O CANAPA GREGGI BIANCHI USATI CON MENO DI 6 FILI	LINEN MANUFACTURES
TAPPETI DI COTONE	COTTON MANUFACTURES	VESTITI DI LINO O CANAPA GREGGI BIANCHI USATI CON MENO DI 9 FILI	LINEN MANUFACTURES
TAPPETI DI LINO O DI CANAPA	HEMP	VESTITI DI LINO O CANAPA NUOVI GREGGI O BIANCHI ALTRI N.S.	LINEN MANUFACTURES
TAROCCHI N.S.	PAPER	VESTITI DI LINO O CANAPA NUOVI GREGGI O BIANCHI CON MENO DI 6 FIL	LINEN MANUFACTURES
TARTARO GRUMA DI BOTTE FECCIA DI VINO E CREMORE	WINE AVERAGE	VESTITI DI LINO O CANAPA NUOVI GREGGI O BIANCHI CON MENO DI 9 FIL	LINEN MANUFACTURES
TAVOLE E QUADRELLI DI LEGNO PER PAVIMENTI	TIMBER (SAWN OR SPLIT, AVERAGE IMPORT)	VESTITI DI LINO O CANAPA NUOVI STAMPATI	LINEN MANUFACTURES
TEGOLE (EMBRICI) AMBROGETTE (QUADRETTI)	EARTHENWARE, PORCELAIN	VESTITI DI LINO O CANAPA NUOVI TESSUTI A COLORI	LINEN MANUFACTURES
TEGOLE N.S.	EARTHENWARE, PORCELAIN	VESTITI DI LINO O CANAPA, USATI TINTI	LINEN MANUFACTURES
TELE DI LINO O CANAPA CRUDI O IMBIANCHITE < 9 FILI ORDITI HEMP		VESTITI LINO O CANAPA USATI TESSUTI A COLORI	LINEN MANUFACTURES
TELE DI LINO O CANAPA UNITE GREGGE (CRUDE) O IMBIANCHI HEMP		VESTITI NUOVI DI LINO O CANAPA N.S. ALTRI	LINEN MANUFACTURES
TESSUTI CANAPA LINO ANCHE MISTI A COTONE O LANA TINTI	LINEN MANUFACTURES	VESTITI USATI DI LINO O CANAPA N.S. ALTRI	LINEN MANUFACTURES
TESSUTI CANAPA O LINO ANCHE MISTI A COTONE O LANA CRUI	LINEN MANUFACTURES	VETRI E CRISTALLI PER LAMPADARI (CONTERIE)	GLASS MANUFACTURED
TESSUTI CANAPA O LINO ANCHE MISTI A COTONE O LANA STAN	LINEN MANUFACTURES	VETRIFICAZIONE E SMALTI IN PANI	GLASS MANUFACTURED
TESSUTI CANAPA O LINO ANCHE MISTI A COTONE O LANA TESSI	LINEN MANUFACTURES	VETRIFICAZIONE E SMALTI N.S.	GLASS MANUFACTURED
TESSUTI CANAPA O LINO ANCHE MISTI COTONE O LANA RICAM	LINEN MANUFACTURES	VETRIFICAZIONI E SMALTI IN POLVERE	GLASS MANUFACTURED
TESSUTI DI COTONE A COLORE N.S.	COTTON MANUFACTURES	VETRO ROTTO	WINDOW GLASS
TESSUTI DI COTONE CRUDI (GREGGI) O IMBIANCHITI	COTTON MANUFACTURES	VIMINI N.S. (QUINTALI)	JUTECANVAS AND SACKING(11)
TESSUTI DI COTONE INCERATI N.S. (QUINT.)	COTTON MANUFACTURES	VINO IN BOTTI	WINE
TESSUTI DI COTONE RICAMATI N.S.	COTTON MANUFACTURES	VINO IN BOTTIGLIE	WINE
TESSUTI DI COTONE STAMPATI N.S.	COTTON MANUFACTURES	VITELLI	COWS
TESSUTI DI COTONE TINTI N.S.	COTTON MANUFACTURES	ZAFFERANO	CINNAMON
TESSUTI DI CRINO N.S. ALTRI	WOLLEN PICE LIGHT ALL WOOL	ZINCO IN FOGLI	ZINC ORE
TESSUTI DI CRINO PER STACCI	WOLLEN PICE LIGHT ALL WOOL	ZINCO IN LAVORI DORATI O ARGENTATI	ZINC ORE
TESSUTI DI LANA CARDATI PETTINATI NON RICAM. N.S. ALTRI (	WOLLEN WORSTED MANUFACTURES	ZINCO IN LAVORI NON DORATI NE' ARGENTATI N.S.	ZINC ORE
TESSUTI DI LANA RICAMATI N.S.	WOLLEN WORSTED MANUFACTURES	ZINCO IN PANI E ROTTAMI	ZINC ORE
TESSUTI DI PAGLIA PER ALTRI OGGETTI	LINEN MANUFACTURES	ZINCO IN TUBI	ZINC ORE
TESSUTI DI SETA PURA N.S. ALTRI	SILK	ZOLFO GREGGIO IN PANI	BRIMSTONE
TESSUTI DI SOLO FILOSELLA N.S.	SILK	ZOLFO RAFFINATO	BRIMSTONE
TESSUTI O PIZZI IN SETA CON FILI ORO E ARGENTO N.S.	SILK	ZUCCHERO NON RAFFINATO	SUGAR UNREFINED
		ZUCCHERO RAFFINATO	SUGAR (BRITISH WEST INDIAN REFINING)

- **Estimated weights by commodities**

Aeroplani e idrovolanti 2000; Altri cari con molle 10000; Altri ombrelli 0,5; Altri strumenti musicali 3; Apparecchi da tastiera 3; Armi 3; Armoniche a mantice 7; Armonium 200; Arpe 10; Asini 120; Autocarri peso >3000kg 5000; Automobili con o senza carrozzeria peso <400kg 300; Automobili con o senza carrozzeria peso >400kg 5000; Automobili con più di due ruote 1500; Automobili di peso <500kg 400; Automobili di peso compreso 400-900kg 700; Automobili di peso compreso 500-1000kg 750; Automobili di peso compreso 900-1600kg 1300; Automobili di peso >1000kg 1500; Automobili di peso compreso 1600-2500kg 2000; Automobili di peso 2500-4000kg 3000; Bagni in marmo 100; Basti 10; Balaustre e pilastri 100; Bauli e imperiali per vettura 10; Berretti - cappelli 0,15; Bestiame caprino 100; Bestiame ovino 100; Binocoli e monocoli 0,2; Calzoni di pelle 0,5; Canne da pistola 0,3; Canne da fucile 1; Caprini 100; Carri - carretti - carri merci - carri per masserizie - n.s. 1000; Carrozze - carrozze ferroviarie 30000; Carrozze laterali o da rimorchio 100; Carrozzelle per bambini 10; Carrozzelle per infermi - altre 25; Cartucce cariche 0,1; Casse per orologi 0,05; Castelli di orologi da tasca 0,5; Castelli di orologi da tavola 1; Cavalli 500; Cellula fotoelettrica 0,1; Fisarmoniche 5; Fucili 4; Giovenche e torelli 700; Lame di sciabole dorate 3; Lastre di marmo <150cm 100; Lastre di marmo >150cm 200; Manicotti di pelliccia 0,3; Marmo segato in tavole <150cm 100; Marmo segato in tavole >150cm 200; Mattoni 2,5; Mortai di marmo 2,5; Mole di marmo per vermicellai 2,5; Motocicli 100; Movimenti di orologi 0,1; Muli 200; Navi e bastimenti 40000; Occhi di vetro, protesi 0,1; Ombrelli di seta 0,5; Organi portatili e carillon 10; Orologi a sistema americano 0,1; Orologi con castelletto in legno 2; Orologi da tasca 0,1; Orologi da tavola 2; Ovini e caprini 100; Palloni dirigibili 30000; Penne stilografiche 0,04; Pianoforti 200; Pietre da arrotare 1; Pietre da macina 500; Pistole da misura - pistole (altre) 1; Porci peso compreso 10-20kg 15; Porci peso compreso 20-50kg 35; Porci peso compreso 50-100kg 75; Porci peso compreso 100-110kg 105; Porci peso fino a 10kg 7,5; Porci peso fino a 20kg 15; Porci peso oltre 20kg 50; Porci peso oltre 100kg 125; Porci peso oltre 110kg 125; Quadrelli di marmo <25cm (centinaia) 300; Quadrelli di marmo 25-41cm (centinaia) 500; Quadrelli di marmo 41-61cm (centinaia) 700; Sciabole 3; Selle 10; Slitte 5; Sonerie musicali 5; Strumenti peso <400g 0,3; Strumenti peso >400g 0,6; Strumenti n.s. 0,5; Suini 150; Sveglie e orologi a ripetizione - svegliarini 1; Tegole 2,5; Tubi in terracotta 2,5; Tubi per fogne 2,5; Vacche e giovenche 700; Valigie in pelle 3; Valvole 80-150g 0,13; Valvole >150g 0,2; Valvole fino a 80g 0,1; Velocipedi 200; Ventagli 0,15; Vetture con due ruote 300; Vetture con più di due ruote 600; Vetture in bianco non finite n.s. 600; Vitelli 250; Vitelli peso >300kg 500; Unit of measure "hundreds/hundreds of bottles" (weight for hundred): Bottiglie comuni 60; Bottiglie 1L 60; Bottiglie 1/2L 30; Bottiglie >1L 80; Bottigliette, boccette e flaconi 10; Cappelli di feltro guarniti 15;

Damigiane 300; Fiaschi 60; Legno sgrossato 200; Liquori in bottiglia (tutti) n.s. 100; Liquori in bottiglia 0,5-1L 75; Liquori in bottiglia <0,5L 30; Liquori in botti 400; Unit of measure "thousand" (weight for thousand): Verghe 1500; Unit of measure "meters" (weight for meter): Doghe botti 1,5; Scalini e cornici di marmo 3; unit of measure "deck" (weight for deck): Carte da gioco 0,1; unit of measure "pairs" (weight for pair): Scarpe - gambali - pantofole 0,5; Remi 20; Unit of measure "Gross registered tonnes": looking at some data on ships we found that the ratio between total net tonnes and GRT is approximately 1.5, so that we simply multiply GRT values for this ratio to obtain an estimate of the weight for this category.

APPENDIX B

Tab. IV Current account invoices, 1861-1913 (from 1884 cfr. Incerpi 2019 and Federico-Incerpi 2024)

current lire	Remittances	Tourism	Rendita	Interests paid on private investments	Interests earned	Freights and insurances	Tot.
1861	9.100.000	91.346.997	32.000.000	25.000.000	23.327.635		66.774.632
1862	12.700.000	95.678.286	52.000.000	25.000.000	23.327.635	31.134.891	23.571.030
1863	15.700.000	100.245.215	66.000.000	25.014.702	23.327.635	35.978.051	12.280.097
1864	18.000.000	105.357.095	84.000.000	25.064.965	23.327.635	35.742.352	1.877.412
1865	19.600.000	110.129.904	90.400.000	26.262.252	27.196.578	30.029.693	10.234.536
1866	20.600.000	115.485.216	100.530.000	25.717.581	16.891.006	38.068.921	- 11.340.280
1867	20.800.000	121.727.721	114.160.000	25.530.375	16.178.639	32.087.161	- 13.071.175
1868	21.000.000	118.495.569	117.460.000	25.966.913	22.444.300	34.669.605	- 16.156.648
1869	21.300.000	130.586.346	113.710.000	25.523.555	21.884.848	46.462.288	- 11.924.650
1870	20.500.000	148.271.278	94.440.000	25.000.000	21.339.340	63.739.760	6.930.859
1871	23.100.000	159.157.648	98.440.000	25.000.000	23.041.304	56.087.798	25.771.154
1872	24.900.000	169.555.148	85.190.000	25.000.000	24.879.011	64.447.819	44.696.339
1873	27.100.000	193.490.798	83.660.000	25.917.420	23.859.535	65.727.436	69.145.478
1874	12.300.000	208.224.704	80.160.000	27.095.067	27.715.814	63.645.759	77.339.691
1875	8.400.000	205.031.315	81.130.000	28.509.539	32.417.434	58.881.137	77.328.074
1876	21.100.000	180.846.116	81.000.000	30.671.946	30.524.122	69.519.686	51.278.606
1877	47.200.000	217.932.915	88.590.000	33.137.209	31.537.265	65.016.989	109.925.983
1878	47.100.000	203.153.721	88.780.000	35.415.881	34.285.418	53.967.464	106.375.794
1879	48.800.000	194.864.919	88.530.000	37.629.829	30.596.941	88.290.705	59.811.326
1880	55.500.000	203.563.599	87.800.000	40.000.000	35.035.777	108.232.604	58.066.772
1881	59.700.000	176.879.949	87.900.000	40.000.000	33.731.355	97.166.982	45.244.321
1882	66.300.000	194.679.162	116.800.000	42.300.000	35.456.221	100.074.552	37.260.831
1883	70.800.000	198.435.426	103.800.000	42.300.000	35.743.998	101.417.248	57.462.176
1884	73.300.000	197.190.345	55.000.000			88.264.908	127.225.437
1885	73.800.000	363.654.029	133.000.000			108.716.549	195.737.480
1886	85.100.000	347.944.596	152.000.000			109.544.956	171.499.640
1887	93.500.000	338.892.345	154.000.000			135.549.678	142.842.667
1888	105.900.000	373.921.051	194.000.000			124.555.676	161.265.375
1889	107.800.000	375.287.559	194.000.000			128.850.884	160.236.675
1890	107.900.000	477.462.445	189.000.000			94.363.349	301.999.096
1891	127.600.000	401.982.278	211.000.000			94.030.367	224.551.911
1892	137.400.000	418.683.371	219.000.000			75.565.016	261.518.355
1893	138.400.000	395.398.600	225.000.000			89.946.705	218.851.895
1894	139.400.000	386.990.592	190.000.000			73.702.647	262.687.945
1895	152.100.000	387.459.054	131.000.000			92.542.521	316.016.533
1896	153.500.000	387.772.887	138.000.000			112.975.450	290.297.437
1897	168.200.000	394.709.172	134.000.000			96.573.314	332.335.858
1898	192.900.000	392.827.350	131.000.000			114.797.621	339.929.729
1899	215.700.000	394.700.767	124.000.000			113.290.063	373.110.704
1900	227.900.000	404.150.046	115.000.000			140.403.527	376.646.519
1901	245.400.000	405.829.454	107.000.000			101.519.801	442.709.653
1902	198.262.424	416.599.012	102.000.000			100.159.307	412.702.129
1903	390.401.977	452.323.350	83.000.000			103.191.362	656.533.965
1904	488.097.708	490.505.349	73.000.000			115.318.142	790.284.914
1905	566.330.674	531.022.256	68.000.000			125.176.298	904.176.632
1906	533.956.032	575.120.605	67.000.000			146.613.829	895.462.808
1907	711.616.418	622.802.695	61.000.000			154.551.840	1.118.867.273
1908	704.446.985	673.958.420	56.000.000			141.009.332	1.181.396.073
1909	635.278.784	729.157.816	57.000.000			162.264.410	1.145.172.189
1910	694.658.555	789.311.190	60.000.000			179.972.703	1.243.997.042
1911	731.354.563	822.000.000	70.000.000			186.665.414	1.296.689.149
1912	759.322.638	825.000.000	73.000.000			228.463.302	1.282.859.336
1913	830.791.840	830.000.000	98.000.000			225.730.692	1.337.061.148

Tab. V Tot. imports and exports, current and constant 1911 prices, (1911 borders)

Current prices (million lire) and 1911 borders	Imports	Exports	Constant 1911 prices (million lire) and 1911 borders	Imports	Exports
1861			1861		
1862	834,1	629,5	1862	684,5	464,7
1863	925,3	656,7	1863	732,4	473,3
1864	1056,6	630,1	1864	806,3	449,9
1865	999,8	598,7	1865	746,5	431,2
1866	975,6	690,1	1866	713,0	481,2
1867	1012,5	851,5	1867	736,9	532,9
1868	985,7	928,5	1868	771,4	593,5
1869	988,6	828,6	1869	793,0	578,9
1870	914,4	794,2	1870	763,8	591,6
1871	991,1	1130,7	1871	823,3	853,7
1872	1259,3	1180,1	1872	888,4	825,0
1873	1393,0	1224,4	1873	927,5	822,1
1874	1356,9	1070,5	1874	1.007,0	760,0
1875	1227,9	1107,1	1875	995,2	844,5
1876	1271,7	1162,6	1876	1.005,2	919,4
1877	1164,1	1010,8	1877	947,5	791,5
1878	1051,2	1146,2	1878	941,7	929,7
1879	1319,4	1170,6	1879	1.166,0	910,3
1880	1243,8	1230,0	1880	1.056,3	992,6
1881	1310,3	1276,3	1881	1.172,3	1096,4
1882	1308,1	1277,2	1882	1.214,3	1120,4
1883	1346,0	1265,9	1883	1.318,1	1156,1

Tab. VI Tot. imports and exports, current and constant 1911 prices, (current borders)

Current prices (million lire) and current borders	Imports	Exports	Constant 1911 prices (million lire) and current borders	Imports	Exports
1861			1861		
1862	817,0	599,4	1862	670,4	442,4
1863	922,2	638,0	1863	730,0	459,9
1864	1035,8	596,7	1864	790,4	426,1
1865	988,0	578,4	1865	737,7	416,5
1866	968,9	683,5	1866	708,1	476,6
1867	1020,2	865,0	1867	742,5	541,3
1868	988,3	936,1	1868	773,4	598,4
1869	991,7	836,0	1869	795,5	584,0
1870	907,5	791,7	1870	758,0	589,7
1871	991,1	1130,7	1871	823,3	853,7
1872	1259,3	1180,1	1872	888,4	825,0
1873	1393,0	1224,4	1873	927,5	822,1
1874	1356,9	1070,5	1874	1.007,0	760,0
1875	1227,9	1107,1	1875	995,2	844,5
1876	1271,7	1162,6	1876	1.005,2	919,4
1877	1164,1	1010,8	1877	947,5	791,5
1878	1051,2	1146,2	1878	941,7	929,7
1879	1319,4	1170,6	1879		
1880	1243,8	1230,0	1880		
1881	1310,3	1276,3	1881		
1882	1308,1	1277,2	1882		
1883	1346,0	1265,9	1883		

Tab. VI Exports and imports by SITC-1 and total manufactures

Exports, current prices										
	0	1	2	3	4	5	6	7	8	9 Total manufactures
1861	58.109.493	7.322.319	76.967.589	108.043	65.949.187	8.429.633	249.362.621	248.118	36.784.598	2.811.934
1862	78.685.947	7.333.950	99.688.071	114.060	81.542.681	45.409.932	233.073.928	351.179	51.624.202	1.548.948
1863	111.126.855	11.548.248	113.190.114	85.660	62.358.276	26.543.008	256.484.159	388.899	55.618.305	694.326
1864	92.666.760	9.463.696	116.378.298	168.968	78.151.999	32.138.009	222.194.917	260.406	45.103.701	166.370
1865	98.541.474	10.572.191	135.389.468	109.022	103.532.563	27.886.730	154.575.892	235.484	47.153.819	361.117
1866	144.154.161	11.681.168	131.492.836	75.972	120.263.407	33.850.636	198.338.248	295.002	43.123.086	210.222
1867	264.464.241	12.623.606	167.758.402	82.853	82.145.522	33.911.049	236.085.978	643.329	66.104.976	1.177.985
1868	265.194.817	11.511.472	181.434.358	139.105	119.469.955	31.534.037	247.330.422	422.266	79.036.992	19.975
1869	185.399.688	14.113.475	161.931.947	145.487	131.482.547	29.229.719	260.700.729	535.700	49.455.827	1.296.112
1870	171.935.916	12.119.515	158.374.665	296.159	95.724.889	28.495.406	228.997.311	1.594.485	76.274.964	18.036.160
1871	235.406.294	11.048.507	250.429.635	322.396	135.062.965	35.565.494	349.721.953	4.280.418	107.171.276	2.044.783
1872	234.137.451	24.547.236	225.005.656	169.094	110.258.800	47.993.901	417.996.422	867.557	113.128.289	857.243
1873	239.022.490	15.597.132	227.382.131	267.576	91.554.867	45.097.222	455.247.090	1.923.544	135.203.172	13.619.660
1874	189.771.661	13.497.153	232.821.275	165.746	69.928.981	44.583.738	400.753.828	1.207.459	116.276.615	1.824.796
1875	201.275.438	15.618.202	216.874.259	322.517	134.191.980	48.055.095	382.091.633	579.161	107.379.827	842.152
1876	245.547.341	17.810.275	231.330.352	154.451	125.899.704	43.591.014	380.014.885	647.355	115.713.199	186.987
1877	264.592.979	13.097.226	178.453.886	126.262	102.648.103	50.282.956	301.293.039	622.647	99.544.107	145.588
1878	281.331.626	17.500.276	212.729.301	123.347	87.723.169	43.513.030	423.507.301	1.518.713	74.795.022	3.460.721
Imports, current prices										
	0	1	2	3	4	5	6	7	8	9 Total manufactures
1861	172425266,8	35567469,78	170996062,4	8392990,981	12212852,35	20968636	287699652,2	3617441,692	34573294,07	17352269,4
1862	221075314,4	28813940,78	142389178,5	15367845,24	11038356,8	21915560,6	296539998,9	6310103,023	36409574,18	37099508,3
1863	257355926,1	26688549,45	152099281,1	14016562,67	11486450,6	22117995	341147743,1	2366857,278	46123171,5	48840271,1
1864	346191341	34529873,19	162614138,3	25367705,55	11872004,19	23015395,5	351347675,7	3140366,282	51693764,21	25990220,2
1865	280399529,5	30744277,72	148623494,8	38489040,11	10937610,61	25198124	384714073,2	5955829,777	48098751,46	14843533,3
1866	291321577,7	30950494,08	172598219,1	48982927,36	9391908,251	26726087	328161858,5	6103884,79	51963037,12	2712731,82
1867	258667890,8	37247512,35	171954924,9	39981812,77	23767429,46	47377295,9	382543820,3	11504171,57	45394181,51	1749852,37
1868	231364436,6	34760402,44	204508058,5	57846282,09	24553702,76	34187372,7	347909753,6	11536868,96	36252011,27	5404272,82
1869	243711078,3	33389666,26	207356549	55847637,36	20076455,33	34026752	357580942,3	15672860,05	43819973,11	1642870,52
1870	195901222,1	36870383,69	181265122,9	76663679,57	19309529,83	29964264,2	310897826	12086604,27	42767119,65	1805991,93
1871	232637034,2	19995585,67	210290974	57241947,61	13189127,86	32505678,2	367155436,3	13867057,82	40846388,44	3364636,16
1872	310935943	31339215,77	258766053,1	67632913,92	14441610,26	42244245,3	449719633,7	29055910,04	59306618,35	4773399,92
1873	313474570,8	53287872,11	230952029,7	67220114,92	19662299,46	50725216,5	478249763,3	46364124,25	64662490,49	5200956,45
1874	363500648,3	56526128,86	295507490,3	60042720,09	21552631,38	47644150,8	410718825,4	35201392,3	59289968,68	6879564,11
1875	293496318,7	43180947,82	262942661,3	53937421,97	21798606,32	44012577	421800663,2	23547359,5	58014177,45	5185282,26
1876	305298093,1	39441374,06	272769305,9	70089363,07	14989604,02	46024658,7	461453118,3	24653595,22	51649151,03	8776505,27
1877	278278227,3	34033432,53	264288778,8	64379635,7	26869084,52	40941178	382930374,4	26632929,98	42645656,25	3065581,61
1878	296312824	24501504,36	208450919,7	55757454,75	20762370,44	33875388	360467041,8	19294881,17	23374600,71	8372199,97