Discussion Paper Series

No.147

China's Long-Term International Trade Statistics: By Commodity, 1952-1964 and 1981-2000

Kyoji Fukao
Kozo Kiyota
Ximing Yue

March 2006

Hitotsubashi University Research Unit for Statistical Analysis in Social Sciences
A 21st-Century COE Program

Institute of Economic Research
Hitotsubashi University
Kunitachi, Tokyo, 186-8603 Japan
http://hi-stat.ier.hit-u.ac.jp/

China's Long-Term International Trade Statistics: by Commodity, 1952-1964 and 1981-2000

Kyoji Fukao

Institute of Economic Research, Hitotsubashi University

Kozo Kiyota

Faculty of Business Administration, Yokohama National University

Ximing Yue

The Economic Institute, Chinese Academy of Social Sciences

March 12, 2006

Abstract

International trade has been a key engine driving Chinese economic growth in recent decades. Yet, long-term analyses of China's trade are still difficult because the country's trade statistics for the post-war period up to the mid-1980s have many shortcomings For example, official customs statistics published by the Chinese government during this period, if they were published at all, do not provide any breakdown by commodity classification. Against this background, we recently compiled new statistics of China's trade during 1952-1964 and 1981-2000 at the 3-digit level of the Standard International Trade Classification, Revision 1 (SITC-R1). The statistics for 1952-1964 and 1981-1987 are based on data we purchased from China's National Statistical Bureau. The data for 1988-2000 are compiled from the Commodity Trade Statistics of the United Nations (UN Comtrade) as a part of our joint work with scholars at the Institute of Development Economies, Japan External Trade Organization (IDE-JETRO). In this paper, we provide an overview of existing statistics of China's international trade and present our newly compiled statistics.

1. Introduction

International trade has been a key engine driving Chinese economic growth in recent decades. Yet, long-term analyses of China's trade are still difficult because the country's trade statistics for the post-war period up to the mid-1980s have many shortcomings For example, official customs statistics published by the Chinese government during this period, if they were published at all, do not provide any breakdown by commodity classification.

Against this background, we recently compiled new statistics of China's trade during 1952-1964 and 1981-2000 at the 3-digit level of the Standard International Trade Classification, Revision 1 (SITC-R1). The statistics for 1952-1964 and 1981-1987 are based on data we purchased from China's National Statistical Bureau.[1] The data for 1988-2000 are compiled from the Commodity Trade Statistics of the United Nations (UN Comtrade) as a part of our joint work with scholars at the Institute of Development Economies, Japan External Trade Organization (IDE-JETRO).[2] In this paper, we provide an overview of existing statistics of China's international trade and present our newly compiled statistics.

The paper is organized as follows. The next section provides a brief historical overview of China's official trade statistics and then describes China's official customs statistics today. Customs statistics were not published before 1984 (Custom statistics for the period after 1979 were published later). However, both Japanese IDE and American CIA have tried to estimate statistics for that period. We will explain these two set of estimates in Section 3. Section 4 reports our new trade statistics. Section 5 concludes with a discussion of remaining problems with the trade statistics we have

[1] The compilation of the statistics for 1952-64 and 1981-87 was conducted as a part of the Ministry of Education COE Program "Asia Long-Term Historical Statistical Database" headed by Konosuke Odaka of Hosei University.

[2] This work is partly funded by the Ministry of Education 21st Century COE Program "Research Unit for Statistical Analysis in Social Sciences" headed by Osamu Saito of Hitotsubashi University.

compiled.

2. A brief history of China's trade statistics and description of customs statistics today

In China, Customs is responsible for the collection, compilation and dissemination of the country's external merchandise trade statistics - known as Customs statistics. Customs statistics have a history of nearly 150 years, dating back to 1854. Since the founding of the People's Republic of China, along with the changes of China's economic and trade system, China's official trade statistics have undergone four stages of development as follows:

1949-1956: After the founding of the People's Republic of China in 1949, international trade was principally conducted by private companies until the mid-1950s. During this period Customs statistics, which were compiled by the General Administration of Customs, were the only kind of trade statistics in China. Like those in other countries, the customs statistics are based on importers' and exporters' customs declarations. But Customs statistics have not been made to public and only used within government or exchanged with some countries.

1957-1965: foreign trade was run exclusively by state-run trading companies during this period and there existed two kinds of trade statistics in China: customs statistics and *Foreign Trade Business Statistics* (FTBS). FTBS was based on reports from Chinese trade companies and was compiled by the Ministry of Foreign Trade and Economic Cooperation (now the Ministry of Commerce). Because FTBS were compiled mainly in order to monitor trading companies' activities and control China's international trade, they suffer from various shortcomings that make them unsuitable for international comparisons. For example, their coverage differ from the customs statistics of other countries and they contain neither data by country nor by commodity.

1966-1978: customs statistics were regarded redundant and discontinued during the "Cultural

Revolution."

1979-present: Shortly after taking the open-door policy, the government decided to resume the customs statistics. The publication of Customs statistics was started in 1984. Customs statistics with detailed commodity classification is only available from the mid 1980s. Even aggregated level Customs statistics are available only for the period after 1980.

We now turn to a detailed description of the customs statistics.

1) Coverage

A detailed description of the coverage of China's customs statistics is provided in *The System of Chinese Customs Statistics*. There are two conditions for commodities to be recorded in custom statistic. The first is that the commodities must go through Chinese border. The second condition is that the movement of commodities must lead to increase or decrease in endowment of resources in China. It means that not only exports and imports of goods by economic transaction, but also goods transferred by foreign aid program, goods donated by compatriots in Hong Kong and Macau and Chinese with foreign citizenships are recorded in the customs statistics.

On the other hand, the following commodities are excluded from customs statistics:

- Goods in transit that do not enter Chinese customs territory;
- Temporary imports or exports of goods that are subsequently re-exported or re-imported within a specified period;
- Goods on lease for a period of less than one year;
- Goods carried into bonded warehouses;
- Returned exported goods.

2) Valuation

Exports are valued on an FOB basis and imports on a CIF basis in the statistics.

3) Timing of recording

Exports and imports are recorded when the day they clear customs.

4) Commodity Classification

The commodity classification used in the customs statistics is provided in an official document entitled *Commodity Classification for China Customs Statistics* (CCCCS). The CCCS was based on the Standard International Trade Classification Revision 2 in 1980-1991 and since then has been based on the Harmonized Commodity Description and Coding System (HS). Commodity codes in the CCCS consist of 8 digits. The first 6 digits in the current CCCS are identical to the codes in the HS, while the last 2 digits is a China-specific subheading for the purpose of tariff, trade statistics and trade policy measures.

5) Identification of trade partner countries and regions in the customs statistics

Partner countries are identified following international conventions, with the country of origin being recorded for imports and the country of final destination being recorded for exports. The country of origin is the country in which goods have been cultivated, mined or manufactured. If two or more countries were involved in the making of the product, the place where the last substantial work or processing occurred is recorded as the country of origin. (The country of final destination refers to the country in which the goods are consumed, utilized or further processed or manufactured. When the final destination cannot be identified, the last country or region to which the goods are

shipped is considered as the country of destination.

An important issue related to the identification of partner countries is that statistics on bilateral trade flows recorded in China and the partner country are inconsistent. For example, in many years, Chinese customs statistics report a deficit in the country's trade with Japan, while Japanese trade statistics show a Japan has a deficit in its trade with China. Similar discrepancies can be found in China's trade with the United States and probably other countries as well. According to Chinese customs statistics, China recorded a trade deficit with the U.S. before 1992, while U.S. trade statistics show a large American trade deficit with China. Chinese customs statistics show a surplus for China in its trade with the U.S. from 1993 onward, but the amount is much smaller than the deficit by the U.S. in its trade statistics.

There are several factors which are likely to contribute to the large discrepancies between China's trade statistics and those of Japan or the United States. These factors include the fact that in the statistics of each country, exports and imports of each country are recorded on an FOB and CIF basis, differences in the timing of recording, transit trade, and statistical errors. Among these, probably the most important factor is the transit trade via Hong Kong. Before China's economic liberalization and opening up to the outside world, most Chinese trade, including that with Japan and the U.S., passed through Hong Kong. And Hong Kong's role as the dominant entrepot for China's trade continued for a while even after the reforms. Goods that are exported from China to Japan via Hong Kong are treated in Chinese customs statistics as exports to Hong Kong if the final destination is unknown, while custom statistics in Japan may identify the same goods as originating from China. Similarly, in the case of goods that are exported from Japan to China via Hong Kong, Chinese customs statistics will record these goods as originating from Japan, while Japanese customs will treat as the Hong Kong as the final destination if they do not know that the goods will be shipped on

to China. Thus, the main reason for the discrepancies appears to be difficulties in correctly identify the final destination of exports as a result of their transit via Hong Kong. The same problem, of course, also explains the discrepancies between China's trade statistics and those of the U.S. as well as other countries.

3. Previous estimates of China's trade statistics for the period before the mid-1980s

Customs statistics were not published before 1984. The only Chinese statistics available for that period are the unreliable FTBS. However, both Japanese IDE and American CIA have tried to estimate statistics for that period. So we will explain these two set of estimates in this section.

Since the late 1950s, estimation of Chinese trade, based on data from its partner trade, was started in Japan and US. In Japan the Institute of Development Economics (IDE) started estimating Chinese trade for every two year from 1964 to 1978. After Chinese official customs statistics is published, IDE made estimation for period of 1979 through 1983, with intention of checking how accurate its estimates were (IDE, 1987). In US Central Intelligence Agency (CIA) estimated China's exports and imports by commodity for several years before China made the customs statistics public (Directorate of Intelligence, Central Intelligence Agency, 1984).

A comparison of the methodologies employed by the IDE and the CIA estimation of China's trade statistics is provided in Table 1. The two estimates have much in common: both are based on trade data provided by China's trading partner countries and the data come from similar sources, namely the trade statistics compiled by the UN, the OECD and individual countries. The classification of commodities is also the same, i.e. SITC-R1. The statistics, however, differ in many other respects, such as the number of Chinese partner countries used in the estimation, the valuation of exports and imports, the years covered, the degree of details, etc.

Insert Table 1

The IDE estimates have many weaknesses, as the IDE has emphasized itself. These weaknesses include: (1) incomplete coverage of China's trading partners, leading to an underestimation of both exports and imports; (2) the valuation of Chinese exports on a CIF basis and imports on an FOB basis; (3) the failure to take transactions through third countries into account. The drawback of the CIA estimates when compared with those of the IDE are that (1) they include fewer years of estimation; (2) data on some of China' partner countries are not available; and (3) commodities are classified at a relatively aggregated level.

It is interesting to compare the export and import data estimated by the IDE and the CIA with official Chinese statistics, which were subsequently made public. A comparison, however, is feasible only at a relatively aggregated level of commodity classification.

The results of this exercise are shown in Table 2. Several points emerge from the Table. First, the three statistics are closer in exports than in imports. For instance, the ratio of the CIA's estimate of total exports to the official figure is 0.977 for 1981 and 1.052 for 1982. The closeness is somewhat surprising in light of the large potential for discrepancies between the two statistics due to differences in the time transactions were recorded, statistical errors, etc.

Insert Table 2

Second, the gap between imports in official Chinese statistics and CIA estimates is relatively small, but there are large gaps between the IDE estimates and the other two statistics. IDE estimates of total imports are well below official Chinese statistics, especially in the later years. Two factors contribute to this discrepancy. One is the valuation of exports and imports: Official Chinese statistics use CIF to measure imports, while the CIA converted FOB data to CIF data using information on trade cost; in contrast, IDE valued imports on an FOB basis. The second factor is that official customs statistics cover all, or nearly all, trading partners, while the IDE estimates do not include a

number of trading partners due to problems with data availability. The CIA estimates also tend to underestimate Chinese total imports when compared with the official customs statistics, but the gap is much smaller than in the IDE estimation. It seems that the closeness of the CIA estimates to China's customs statistics, relative to the IDE estimates, mainly is the result of the better coverage of trade partners in the CIA estimation.

Third, the discrepancy between both the IDE and CIA estimates and official statistics for the period before 1981 is very similar to that for period after 1981 in terms of magnitude and the direction of the discrepancy, indicating that the figures of total exports and imports based on FTBS are reliable.

4. New Database on China's Trade: by Commodity

In order to solve various problems with China's existing trade statistics, we newly construct a database for China's trade during the periods 1952–1964 and 1980–2000. We use the SITC-R1 (3-digit level) for the classification of commodities. The sources and the method of constructing the database are as follows.

1) 1952-1964

We obtained the original data of China's Customs statistics from the National Bureau of Statistics of China. The statistics are classified on the basis of China's original industry code at the most disaggregated level. We aggregated the original data into SITC-R1 classification (3-digit level), using the concordance table for China's Customs statistics and SITC-R1.[3]

[3] The concordance table for original commodity classification and SITC-R1 classification is available upon request.

2) 1980-1987

We obtain the original data of China's Customs statistics from the National Bureau of Statistics of China classified according to the SITC-R2 (6-digit level). The data are aggregated into SITC-R1 classifications at the 3-digit level (using the concordance table developed by IDE.

3) 1988-2000

For the period 1988–2000 we rely on the database constructed by Mr. Yosuke Noda of the IDE. The database is based on the COMTRADE database compiled by the United Nations, which uses the SITC-R2 (6-digit level) commodity classification for the period 1988–1991 and the SITC-R3 (6-digit level) commodity classification for the period 1992–2000. Mr. Noda converted and aggregated each commodity in SITC-R2 and R3 into SITC-R1 3-digit level, using the concordance table developed by IDE. In cases where a commodity in SITC-R2 or R3 falls into more than category in the SITC-R1 the value of the commodity is equally divided between SITC-R1 categories.

Appendix Tables A1-A5 present the estimation results of China's trade at the SITC-R1 2-digit level aggregated from our 3-digit level data.[4] Figures 1 and 2 present the shares of export and import commodities respectively for 1952-64 and 1981-2000 at the SITC-R1 1-digit level Two messages are evident from these figures. The figures allow two major observations. The first is a shift in China's export orientation. While in the 1950s, food products (SITC-0) and minerals

[4] Data at the 3-digit SITC-R1 (3-digit level) and by trade partner for 1952-1964 and 1981-2000 are available upon request.

(SITC-2) accounted for the largest share of exports, a gradual increase in the share of labor-intensive products (SITC-8) can be observed during the 1960s.

Figures 1 and 2

The second is that China imported machinery (SITC-7) as early as the 1950s, indicating that China already put a high priority on the import of capital goods fifty years ago. Notice, however, this observation is obscured by imparts of food products around 1962 because of the severe famine.

5. Work to be done in the future

While the trade data we have compiled should help in long-term analyses of Chinese trade, much remains to be done.

For example, in the present paper, we did not attempt to estimate trade data for 1966-1980. As we have already explained in section 2, Chinese government did not compile its Customs statistics for 1966-1978 and probably it is impossible to get official statistics. Possible ways around this problem would be to revise the CIA or the IDE estimates or to compile entirely new estimates following the CIA and/or IDE methodology. Fortunately, since we have detailed trade data based on China's official Customs statistics (which have not been published) for the 1950s and the 1960s and the early 1980s, we can check reliability and biases of the CIA and the IDE estimates for these periods. Appendix Table A6 shows a comparison of our data based on the customs statistics with the CIA estimates at the two-digit level. The comparison shows that the quality of the CIA estimates is very high. Based on this type of comparison, we could create our own estimates on China's trade structure for the period 1966–1980.

A second task for the future is to compare our results with Chinese trade statistics for the pre-war period.

As a part of the Ministry of Education COE Program,“Asia Long-Term Historical Statistical Database” headed by Konosuke Odaka of Hosei University and the Ministry of Education 21st Century COE Program “Research Unit for Statistical Analysis in Social Sciences” headed by Osamu Saito of Hitotsubashi University, Professor Hajime Kose of Ryukoku University has already compiled trade statistics for China by country and by commodity at the SITC-R1 three-digit levelfor the pre-war period. A comparison of his trade statistics with our own may provide valuable insights into how China’s development process in the 1940s and 1950s was affected by the Japanese invasion, China’s Civil War and the Communist Revolution.

References

Central Intelligence Agency (CIA), Directorate of Intelligence 1984. *China: International Trade Annual Statistical Supplement*, Washington, D.C.: CIA.

Institute of Developing Economies (IDE). (various years) *Foreign Trade of China* (*Chugoku no Boueki*), Tokyo: Institute of Developing Economies (in Japanese).

Institute of Developing Economies (IDE). 1987. *Trade Statistics of China 1970-1985: Utilization and Appraisal* (Chugoku *no Boueki Toukei, 1970-1985:* (*Riyo to Hyoka*), Tokyo: Institute of Developing Economies (in Japanese).

Figure 1. Export

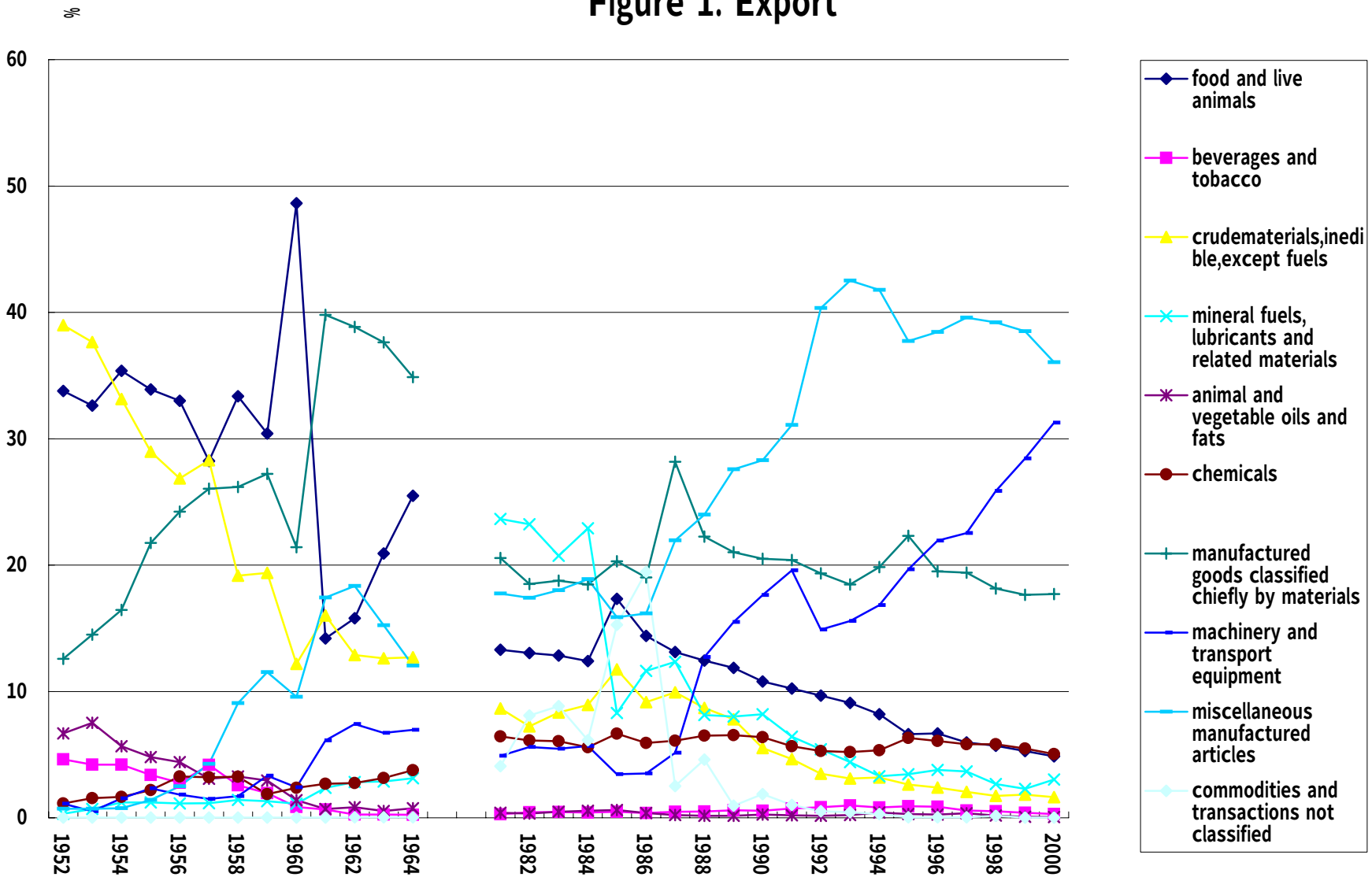

Figure 2. Import

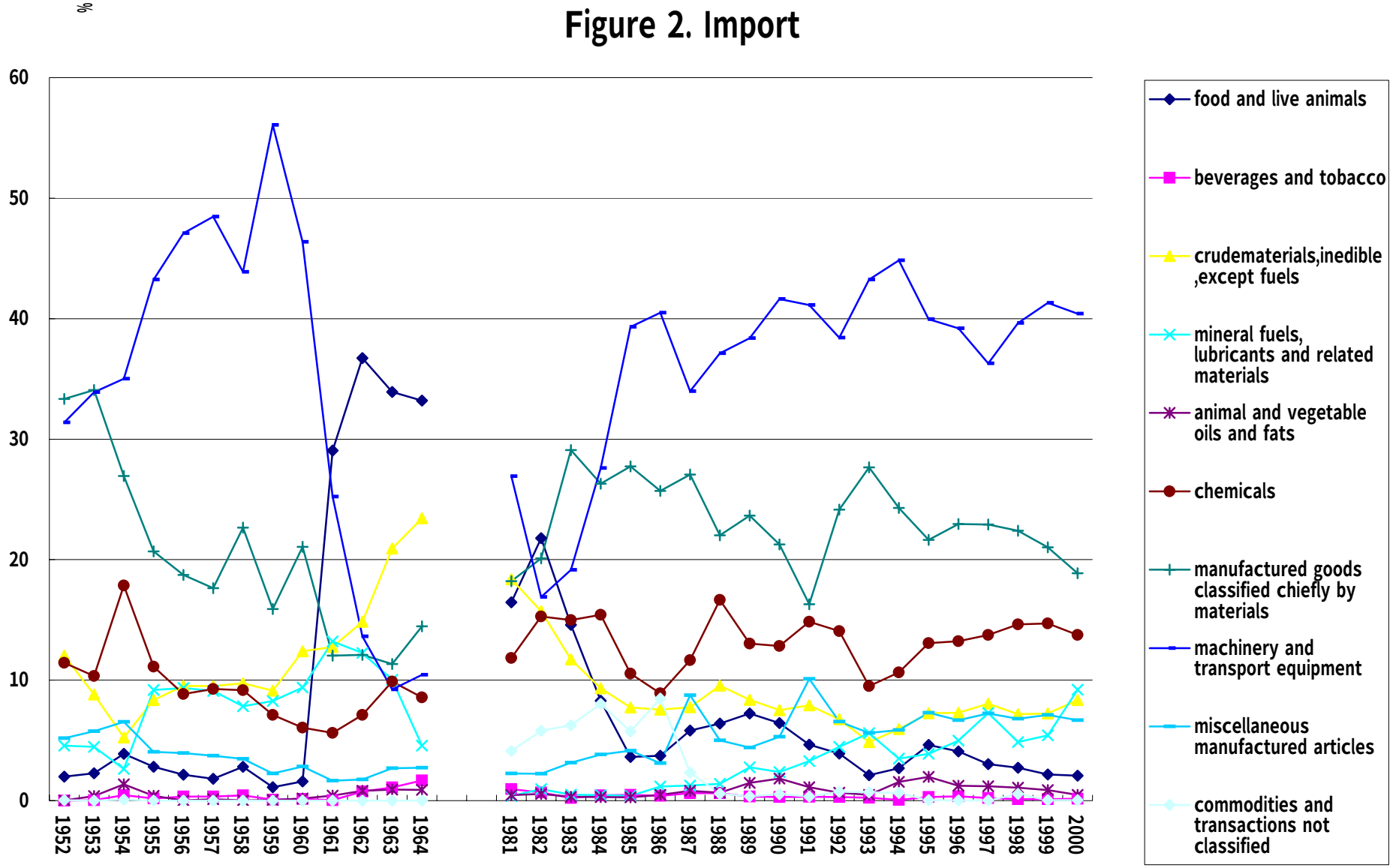

Table 1: A comparison of IDE and CIA estimation methods of Chinese Trade

	Method	Data sources	Coverage of partner countries	Classification of commodities	Valuation	Time period estimated	Data estimated	Limitations
IDE estimation	Exports are estimated by aggregating the imports of China's trade partner countries. Imports are estimated by aggregating the imports of China's trade partner countries.	Data from OECD, UN and individual trade partner countries.	Differ over time and incomplete due to data availability.	SITC Rev.1	CIF for exports and FOB for imports.	Every two years for the period 1964–1978 and every year for the period 1979–1983	(1) Total exports and imports, (2) their composition by partner country, (3) their composition by commodity; (4) exports and imports by country and commodity, (5) exports and imports by commodity and country.	(1) Poor coverage of partner countries; (2) CIF for exports and FOB for imports; (3) no adjustment for trade through third countries.
CIA estimation	The same as in the IDE estimation. In addition, values are stimated for countries of which trade data with China is not available.	Wider coverage than the IDE estimation.	Relatively better coverage as a result of estimation for countries of which trade data with China is not available.	SITC Rev.1	FOB for both exports and imports.	1970, 1975, and 1978–1982.	(1) Exports and imports for each first-digit SITS-R1 category, (2) some three and more-digit items.	Data is less detailed relative to the IDE estimates.

Table 2: A comparison of official Chinese customs statistics and IDE and CIA estimates

Year	Total exports and imports（Unit：1,000US$）						Ratio					
	Exports			Imports			Exports			Imports		
	CN	IDE	CIA	CN	IDE	CIA	IDE/CN	CIA/CN	CIA/IDE	IDE/CN	CIA/CN	CIA/IDE
1970	2,260,000	1,970,299	2,163,125	2,330,000	1,891,600	2,051,141	0.872	0.957	1.098	0.812	0.880	1.084
1971	2,640,000			2,200,000								
1972	3,440,000	2,962,129		2,860,000	2,359,337		0.861			0.825		
1973	5,820,000			5,160,000								
1974	6,950,000	6,013,119		7,620,000	6,219,249		0.865			0.816		
1975	7,260,000		7,120,634	7,490,000		6,818,344		0.981			0.910	
1976	6,850,000	6,607,584		6,580,000	5,042,083		0.965			0.766		
1977	7,590,000			7,210,000								
1978	9,750,000	9,704,614	10,169,520	10,890,000	9,213,163	10,331,095	0.995	1.043	1.048	0.846	0.949	1.121
1979	13,660,000	13,621,437	13,458,490	15,670,000	13,507,202	14,363,772	0.997	0.985	0.988	0.862	0.917	1.063
1980	18,270,000	18,505,150	18,874,962	19,550,000	17,889,770	19,179,615	1.013	1.033	1.020	0.915	0.981	1.072
1981	22,007,330	20,642,530	21,495,795	22,014,420	16,314,550	17,948,852	0.938	0.977	1.041	0.741	0.815	1.100
1982	22,347,920	20,420,820	23,501,229	19,292,990	14,572,820	16,632,964	0.914	1.052	1.151	0.755	0.862	1.141
1983	22,226,410	19,876,320		21,389,610	16,317,610		0.894			0.763		

Notes: (1) CN stands for Chinese official statistics; IDE and CIA stand for IDE and CIA estimates, respectively;

(2) Chinese official statistics are from administrative reports for the years 1970-1980 and from customs statistics for the years after 1980.

Table A1: China's exports by commodity: SITC-R, 2-digit level, 1952-1964 (unit: 1,000 Yuan)

SITC R1 Code (2-digit)	Name of items	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
00	Live animals	56,415	46,901	74,366	78,514	73,946	73,897	77,494	62,493	57,060	30,087	44,616	85,495	124,894
01	Meat and preparations	57,334	133,370	265,308	325,263	317,856	198,752	356,650	313,288	199,183	58,716	42,573	84,937	211,273
02	Dairy products and eggs	51,505	74,280	101,968	97,226	131,059	145,742	199,004	74,270	42,386	27,801	49,875	90,941	85,877
03	Fish and fish preparations	14,541	18,336	19,625	28,587	34,933	48,222	63,305	58,907	57,047	35,953	46,138	63,950	106,970
04	Cereals and cereal preparations	169,519	270,181	270,746	371,083	476,389	244,644	521,465	790,231	496,636	130,554	214,170	215,826	247,364
05	Fruit and vegetables	391,187	409,634	459,077	546,305	579,528	622,192	686,969	785,585	3,562,953	234,117	210,861	299,554	368,891
06	Sugar, sugar preparations and honey	415	1,343	1,876	5,554	6,229	8,432	33,663	28,110	22,755	41,271	41,793	82,520	116,107
07	Coffee, tea, cocoa, spices and manufactures thereof	96,312	89,512	98,035	119,623	132,056	134,273	157,781	153,183	116,000	84,233	80,426	87,374	100,019
08	Feeding-stuff for animals (not including unmilled cereals)	30,872	19,737	5,708	4,476	5,133	5,504	3,645	2,717	4,549	1,966	1,284	2,873	5,862
09	Miscellaneous food preparations	617	599	777	1,164	3,093	4,813	8,604	10,928	12,189	6,982	6,909	7,305	10,835
11	Beverages	1,634	1,165	1,469	3,267	3,526	3,352	5,673	7,243	5,170	4,813	6,765	7,321	9,037
12	Tobacco and tobacco manufactures	117,267	135,991	152,662	154,574	143,887	216,662	156,609	139,856	75,885	25,238	5,291	5,164	3,392
21	Hides, skins and fur skins, undressed	19,783	21,049	20,022	25,120	31,778	38,539	36,245	27,090	20,501	15,035	12,269	22,276	27,517
22	Oil-seeds, oil nuts and oil kernels	332,351	395,191	325,584	380,466	332,517	223,741	90,205	104,371	63,798	7,149	7,691	9,164	24,728
23	Crude rubber (including synthetic and reclaimed)	37,491	79,695	61,666	17,060	74,660	215,816	114,124	113,609	54,771	13,137	11,703	12,144	13,113
24	Wood, lumber and cork	4,103	2,788	18,746	6,983	8,994	8,771	9,651	6,511	5,674	2,478	2,882	2,704	2,041
25	Pulp and waste paper	2	0	0	0	0	35	15	5	3	0	0	0	0
26	Textile fibers (not manufactured into yarn, thread or fabrics) and their waste	237,484	361,076	331,937	377,403	422,999	376,370	329,672	558,203	478,278	255,297	197,977	214,599	250,998
27	Crude fertilizers and crude minerals (excluding coal, petroleum and precious sto	24,623	22,380	35,347	51,739	81,066	89,443	85,395	71,812	58,429	56,290	49,771	53,234	62,356
28	Metalliferrous ores and metal scrap	157,302	204,022	244,321	288,168	318,342	380,062	326,018	351,136	293,918	285,996	217,292	168,245	118,315
29	Crude animal and vegetable materials, n.e.s.	189,310	141,897	178,620	201,835	162,955	156,800	220,525	219,297	169,829	99,767	102,980	134,153	187,905
32	Coal, coke, and briquettes	8,107	22,041	40,363	45,875	57,678	58,305	86,133	96,223	103,118	107,568	125,002	129,559	147,760
33	Petroleum and petroleum products	301	901	4,454	10,345	2,773	2,202	3,295	2,546	929	1,434	7,435	10,684	21,376
34	Gas, natural and manufactured	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Electric energy	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Animal oils and fats	395	3,397	5,097	7,906	5,629	1,488	1,774	1,630	1,136	705	252	160	600
42	Fixed vegetable oils and fats	169,955	239,969	198,552	212,072	225,568	158,619	203,608	218,453	129,149	31,115	38,384	25,771	39,472
43	Animal and vegetable oils and fats, processed, and waxes of animal or vegetable	1,615	1,747	4,135	3,489	3,993	2,401	1,928	1,389	720	252	367	573	1,194
51	Chemical elements and compounds	8,888	18,222	18,868	38,951	82,820	51,796	68,911	48,340	115,543	47,350	39,689	41,599	69,559
52	Mineral tar and crude chemicals from coal, petroleum an natural gas	0	30	1,378	2,722	977	3,153	3,298	1,277	503	552	1,029	1,536	4,743
53	Dyeing, tanning and colouring materials	7,250	6,625	9,267	15,310	16,667	16,124	30,248	23,176	38,514	24,960	25,428	26,369	29,531
54	Medicinal and pharmaceutical products	1,223	2,322	5,644	10,037	10,433	18,902	11,521	11,118	10,777	15,563	16,377	17,813	25,988
55	Essential oils and perfume materials, toilet, polishing and cleansing preparations	5,390	15,947	14,181	19,230	19,942	38,364	38,313	34,203	27,096	21,760	23,708	27,065	27,584
56	Fertilizers, manufactured	0	0	20	252	170	287	3,721	886	71	24	1,997	34	3,264
57	Explosives and pyrotechnic products	183	367	3,183	5,144	3,046	1,954	1,632	2,117	3,397	3,828	6,838	13,973	7,249
58	Plastic materials, regenerated cellulose and artificial resins	34	42	461	915	55	518	823	16,712	11,632	8,987	10,905	11,842	17,580
59	Chemical materials and products, n.e.s.	6,434	7,329	7,679	9,733	39,938	37,847	46,932	2,989	16,320	652	3,077	13,871	18,777
61	Leather, leather manufactures, n.e.s. an dressed fur skins	15,059	24,520	22,985	34,120	64,857	64,192	66,944	53,047	36,579	28,438	39,799	78,392	114,790
62	Rubber manufactures, n.e.s.	7,361	2,603	1,126	2,080	8,955	5,441	47,539	46,945	41,378	36,286	50,849	57,900	45,086
63	Wood and cork manufactures (excluding furniture)	320	1,226	1,139	2,666	3,471	9,603	17,807	11,603	8,272	12,371	14,005	11,910	18,282
64	Paper, paperboard and manufactures thereof	4,982	10,737	14,285	38,068	39,425	39,756	44,451	43,981	46,545	57,546	52,414	57,229	59,882
65	Textile yarn, fabrics, made-up articles and related products	110,667	154,376	241,929	454,976	651,156	794,190	896,839	1,306,436	1,251,169	1,176,802	1,120,705	1,093,352	1,026,131
66	Non-metallic mineral manufactures, n.e.s.	17,450	25,740	32,770	42,187	72,635	109,172	130,655	114,775	118,590	123,770	139,830	131,128	139,042
67	Iron and steel	30,354	23,200	59,763	158,403	193,280	82,027	133,789	97,482	125,045	138,358	159,710	207,624	303,304
68	Non-ferrous metals	135,730	226,182	219,609	266,096	242,675	247,622	290,532	338,336	363,281	231,661	210,812	173,588	148,618
69	Manufactures of metal, n.e.s.	1,568	4,291	9,721	14,104	15,780	18,880	26,144	26,737	22,217	21,494	28,468	25,280	31,831
71	Machinery, other than electric	7,545	3,084	13,579	17,336	30,992	39,791	62,770	176,117	149,395	235,854	290,574	271,091	287,569
72	Electrical machinery, apparatus and appliances	1,555	4,235	24,298	18,936	16,568	12,415	22,718	33,236	25,057	33,934	32,429	43,322	60,582
73	Transport equipment	19,705	9,895	18,516	72,673	50,434	26,892	23,017	40,395	52,940	11,044	23,719	14,028	28,125
81	Sanitary, plumbing, heating and lighting fixtures an fittings	14	44	280	321	992	2,000	5,850	4,791	1,503	5,705	7,879	8,841	5,656
82	Furniture	2,358	2,261	2,524	3,044	3,463	3,994	4,491	5,297	6,422	5,532	5,430	7,250	8,578
83	Travel goods, handbags and similar articles	25	655	888	778	5,364	7,206	9,796	5,794	2,268	1,170	784	1,939	2,604
84	Clothing	4,828	6,555	11,251	34,491	70,029	126,816	308,585	611,429	667,187	634,779	685,099	585,507	482,378
85	Footwear	5	16	6	4,013	14,935	30,015	140,307	142,763	159,689	61,176	57,798	30,558	29,033
86	Professional, scientific and controlling instruments; photographic and optical go	1,029	1,695	2,561	3,192	3,274	4,464	4,586	6,236	7,360	10,032	10,451	12,260	16,844
89	Miscellaneous manufactured articles, n.e.s.	10,452	12,362	10,130	20,417	34,681	50,517	99,619	88,018	55,349	81,039	90,209	97,288	106,534
90	Commodities and transactions not classified according to kind	288	434	441	780	963	1,406	1,225	1,156	1,356	1,109	1,785	2,148	2,523
	Total	2,571,142	3,262,198	3,668,939	4,655,070	5,334,563	5,264,424	6,322,513	7,494,479	9,397,520	4,589,733	4,676,505	4,881,267	5,409,564

Table A2: China's imports by commodity: SITC-R, 2-digit level, 1952-1964 (unit: 1,000 Yuan)

Code (2-digit)	Name of items	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
00	Live animals	463	7,436	4,627	6,887	11,871	10,768	33,630	21,918	25,693	13,124	21,252	22,786	2,118
01	Meat and preparations	2	5	1,398	361	22	0	0	87	3	0	609	1,151	20
02	Dairy products and eggs	63	694	2,645	299	464	175	2,597	807	777	746	1,223	539	230
03	Fish and fish preparations	1,704	4,457	55,109	6,565	7,577	9,101	14,789	15,658	10,377	5,391	6,903	5,882	6,546
04	Cereals and cereal preparations	75	79	1,841	25,992	2,539	3,944	31,900	1,205	5,516	848,330	885,600	918,401	1,145,669
05	Fruit and vegetables	30	1,220	2,331	10,538	1,901	2,089	7,823	16,813	14,002	16,208	21,854	23,084	18,798
06	Sugar, sugar preparations and honey	43,370	40,809	22,906	43,058	57,068	42,977	50,638	12,530	37,421	441,150	262,896	187,673	156,855
07	Coffee, tea, cocoa, spices and manufactures thereof	2,230	5,502	73,856	8,325	9,392	9,956	7,250	8,029	6,547	6,043	6,533	4,220	14,054
08	Feeding-stuff for animals (not including unmilled cereals)	0	0	0	0	0	156	1,596	1,391	1,077	1,196	960	1,124	1,091
09	Miscellaneous food preparations	0	0	318	31	54	17	40	69	20	35	295	50	85
11	Beverages	67	16	6,765	350	209	0	12	48	1	0	0	2	4
12	Tobacco and tobacco manufactures	143	776	12,358	6,021	14,119	14,521	23,096	5,040	8,300	1,511	24,683	37,754	67,766
21	Hides, skins and fur skins, undressed	0	5	16	356	1,076	1,230	675	62	179	1,243	603	556	76
22	Oil-seeds, oil nuts and oil kernels	562	1,142	37	1,913	16,432	10,563	9,037	4,564	2,252	16,680	12,538	7,235	10,265
23	Crude rubber (including synthetic and reclaimed)	56,642	158,842	110,546	78,035	222,181	217,979	207,845	275,598	294,332	157,661	155,613	157,283	181,047
24	Wood, lumber and cork	887	2,467	1,667	3,884	4,259	4,911	7,515	14,773	13,223	15,482	25,966	44,753	48,013
25	Pulp and waste paper	20,475	26,195	35,117	2,313	4,428	6,448	11,339	4,082	19,465	30,121	20,598	22,658	45,387
26	Textile fibers (not manufactured into yarn, thread or fabrics) and their waste	202,221	34,200	44,955	199,198	123,592	139,849	181,712	219,233	339,457	242,756	188,497	374,920	527,355
27	Crude fertilizers and crude minerals (excluding coal, petroleum and precious sto	3,198	4,177	6,350	6,292	9,715	4,240	21,609	42,729	44,938	38,560	20,127	39,413	60,871
28	Metalliferrous ores and metal scrap	31	234	96	602	965	7,389	16,807	26,466	36,477	29,366	38,225	44,219	47,069
29	Crude animal and vegetable materials, n.e.s.	5,414	5,914	23,408	10,634	19,881	20,338	64,721	52,190	36,808	52,556	26,422	27,548	29,580
32	Coal, coke, and briquettes	53	3	9	600	10,640	3,167	27,810	56,152	59,853	68,099	65,159	52,074	56,504
33	Petroleum and petroleum products	109,719	118,169	111,969	332,911	384,670	392,465	391,770	523,649	535,999	537,703	338,135	291,988	128,610
34	Gas, natural and manufactured	0	0	0	0	0	0	0	0	0	0	0	0	0
35	Electric energy	0	0	0	0	0	0	0	4	0	0	0	0	0
41	Animal oils and fats	0	4	28,635	78	22	205	406	1,716	7,986	7,685	13,162	10,969	10,322
42	Fixed vegetable oils and fats	556	9,889	29,082	14,359	493	5,056	459	2,884	3,691	10,948	12,651	20,354	25,937
43	Animal and vegetable oils and fats, processed, and waxes of animal or vegetable	158	38	22	18	3	308	0	212	121	228	885	394	138
51	Chemical elements and compounds	37,805	37,097	73,265	80,673	26,127	40,129	50,710	90,687	75,833	43,555	29,187	31,476	45,255
52	Mineral tar and crude chemicals from coal, petroleum an natural gas	476	1,366	19,875	781	540	1,333	908	1,057	593	73	5,421	7,862	4,324
53	Dyeing, tanning and colouring materials	80,184	42,059	321,124	95,752	20,061	43,097	44,282	57,598	35,835	23,818	21,917	20,581	32,708
54	Medicinal and pharmaceutical products	75,401	115,205	184,873	54,859	40,985	51,772	52,593	29,967	16,192	12,491	10,368	9,847	8,881
55	Essential oils and perfume materials, toilet, polishing and cleansing preparations	594	693	8,061	6,694	2,155	2,334	2,153	6,049	3,459	865	1,687	9,218	17,573
56	Fertilizers, manufactured	60,478	63,429	111,899	141,845	224,190	195,741	254,805	180,389	147,994	117,215	118,863	223,832	178,041
57	Explosives and pyrotechnic products	3,625	4,554	6,247	1,771	5,542	10,795	22,396	55,531	37,359	31,684	30,210	18,246	29,185
58	Plastic materials, regenerated cellulose and artificial resins	2,496	5,158	11,258	8,533	8,869	15,797	15,915	23,311	28,281	6,547	6,248	9,256	15,302
59	Chemical materials and products, n.e.s.	13,941	3,990	21,089	12,651	45,917	41,673	46,918	54,007	38,541	21,175	10,213	9,116	16,015
61	Leather, leather manufactures, n.e.s. an dressed fur skins	1,591	136	30,901	641	201	209	553	1,118	532	3,420	3,539	3,026	4,695
62	Rubber manufactures, n.e.s.	51,330	17,834	18,999	7,400	4,748	4,097	4,779	4,141	3,454	475	1,377	1,882	1,510
63	Wood and cork manufactures (excluding furniture)	231	648	45,821	341	380	159	313	744	753	10	1,320	1,031	2,723
64	Paper, paperboard and manufactures thereof	115,199	90,895	214,193	55,142	54,843	46,689	16,807	12,545	13,280	22,775	14,904	16,043	25,956
65	Textile yarn, fabrics, made-up articles and related products	110,859	57,490	72,449	98,152	174,434	154,591	152,099	140,995	102,505	66,406	44,431	49,333	89,031
66	Non-metallic mineral manufactures, n.e.s.	10,949	11,721	129,123	9,623	33,574	16,880	16,998	20,824	29,669	12,343	8,106	15,423	31,679
67	Iron and steel	357,106	550,163	419,857	471,178	420,530	436,837	819,750	616,680	734,369	314,442	217,855	228,029	305,649
68	Non-ferrous metals	83,833	111,006	146,253	69,132	69,931	75,408	164,303	274,187	407,119	110,387	88,752	61,229	114,148
69	Manufactures of metal, n.e.s.	70,213	62,164	66,222	39,496	33,977	31,533	37,031	42,299	45,350	21,276	17,573	13,713	10,481
71	Machinery, other than electric	470,131	599,127	872,722	1,113,431	1,503,519	1,713,970	1,722,180	3,001,433	2,429,879	898,340	296,989	202,271	254,407
72	Electrical machinery, apparatus and appliances	137,818	129,062	315,323	157,312	192,862	147,100	208,586	291,111	177,318	92,696	44,931	27,582	38,894
73	Transport equipment	146,549	168,995	298,157	300,018	295,390	245,234	417,565	635,221	336,642	165,527	106,276	87,403	129,924
81	Sanitary, plumbing, heating and lighting fixtures an fittings	2,811	565	74	1,444	529	132	143	0	1	0	4	34	0
82	Furniture	0	0	0	8	56	35	318	222	451	153	331	267	93
83	Travel goods, handbags and similar articles	35	0	15	0	8	6	0	1	1	0	0	1	0
84	Clothing	477	9	162	312	631	197	331	56	102	3	1,057	4,608	5,273
85	Footwear	1,041	303	4	168	28	0	1	4	1	0	0	95	0
86	Professional, scientific and controlling instruments; photographic and optical go	114,173	144,087	157,874	132,609	147,960	139,242	171,334	141,074	160,402	60,924	45,842	77,753	93,726
89	Miscellaneous manufactured articles, n.e.s.	6,029	7,512	119,094	12,212	17,831	22,751	13,300	15,722	18,590	14,520	10,268	9,481	11,755
90	Commodities and transactions not classified according to kind	812	9	3,630	68	357	35	374	29	6	2	17	0	0
	Total	2,404,252	2,647,549	4,244,626	3,631,864	4,229,749	4,345,629	5,352,524	7,004,912	6,349,026	4,583,945	3,289,078	3,435,669	4,051,636

Table A3: China's exports and imports by commodity, SITC-R1, 2-digit level, 1981-198 (unit: 1,000 Yuan)

SITC R1 Code (2-digit)	Name of items	Exports							Imports						
		1981	1982	1983	1984	1985	1986	1987	1981	1982	1983	1984	1985	1986	1987
00	Live animals	626,939	683,715	664,773	720,098	890,431	1,173,387	1,294,420	4,260	4,907	5,663	8,460	55,449	42,393	46,768
01	Meat and preparations	621,783	903,926	885,621	1,005,804	1,362,923	1,739,744	1,947,322	389	1,554	2,732	7,378	20,029	31,603	67,259
02	Dairy products and eggs	132,049	144,312	132,390	164,675	180,921	242,439	565,792	31,231	96,872	35,553	53,229	96,103	170,879	183,894
03	Fish and fish preparations	624,260	613,116	581,338	678,143	845,940	1,723,595	2,396,557	24,557	41,200	46,903	72,419	130,504	163,736	216,848
04	Cereals and cereal preparations	494,205	414,557	422,692	1,026,110	3,181,105	3,105,529	2,157,682	5,070,242	6,057,831	4,855,020	3,992,346	2,853,278	3,391,793	6,285,337
05	Fruit and vegetables	1,411,850	1,518,975	1,588,071	1,842,079	2,467,753	3,840,610	4,809,156	79,363	119,542	58,834	76,807	150,249	196,680	203,686
06	Sugar, sugar preparations and honey	252,130	181,767	149,394	121,734	233,908	445,309	580,537	744,170	1,218,705	870,103	575,772	831,737	750,758	1,114,543
07	Coffee, tea, cocoa, spices and manufactures thereol	481,484	621,544	704,675	1,006,507	1,309,532	1,633,717	1,823,407	52,731	141,398	107,722	106,710	121,532	403,166	293,483
08	Feeding-stuff for animals (not including unmilled cereals	150,979	204,675	389,232	502,263	709,053	1,460,471	2,019,481	38,191	88,538	150,276	204,274	248,774	338,442	501,601
09	Miscellaneous food preparations	89,778	107,036	109,687	130,528	170,356	210,936	410,960	5,110	17,159	22,923	40,391	60,114	83,976	387,191
11	Beverages	40,351	114,924	122,841	155,976	207,581	270,118	433,699	8,238	8,204	10,542	26,705	64,001	62,525	101,333
12	Tobacco and tobacco manufactures	59,207	65,233	82,126	88,781	103,880	145,453	218,845	346,500	233,088	81,312	248,175	547,902	542,444	879,169
21	Hides, skins and fur skins, undressec	152,991	171,923	173,542	258,026	355,778	427,381	509,744	102,116	191,506	110,675	91,281	304,866	265,309	253,381
22	Oil-seeds, oil nuts and oil kernel:	704,587	371,293	632,463	1,094,383	1,418,572	1,979,197	2,526,660	299,552	211,795	2,056	2,395	2,711	218,928	229,134
23	Crude rubber (including synthetic and reclaimed	7,124	7,262	9,629	10,926	11,106	6,080	9,954	355,868	334,171	533,251	704,194	649,565	933,459	1,458,186
24	Wood, lumber and cork	19,465	21,225	19,783	25,457	28,128	66,280	132,880	421,735	954,427	1,183,587	1,657,325	2,568,123	2,314,138	2,178,778
25	Pulp and waste paper	255	17	671	2,016	747	5,135	5,519	642,249	408,534	553,001	622,655	660,031	776,372	1,502,575
26	Textile fibers (not manufactured into yarn, thread or fabrics) and their wast	759,652	1,091,247	1,326,346	2,038,835	3,408,809	4,021,038	5,632,236	4,445,128	2,827,202	1,769,521	1,667,456	3,495,933	4,207,982	4,209,178
27	Crude fertilizers and crude minerals (excluding coal, petroleum and precious s	330,513	387,051	373,423	485,773	710,465	929,192	1,346,895	139,152	160,107	197,359	190,336	162,360	127,693	105,061
28	Metalliferrous ores and metal scrap	533,572	206,648	298,044	287,408	564,022	746,026	1,061,039	261,758	348,665	446,393	678,236	1,579,691	2,192,388	1,954,457
29	Crude animal and vegetable materials, n.e.s	668,911	735,985	821,817	988,852	1,203,832	1,729,898	2,406,975	88,335	185,360	150,745	176,699	293,121	278,712	481,017
32	Coal, coke, and briquettes	593,780	705,524	633,173	675,917	983,456	1,493,399	2,001,559	94,040	116,013	113,201	139,980	187,387	303,706	264,047
33	Petroleum and petroleum products	8,093,874	8,902,527	8,458,519	12,618,894	4,437,816	11,070,574	14,903,499	18,079	186,822	55,579	92,410	127,502	1,272,814	1,479,429
34	Gas, natural and manufactured	942	1,574	2,065	10,629	9,766	8,001	9,692	269	954	1,619	3,267	6,085	6,912	14,328
35	Electric energy	0	0	0	0	9,106	5,703	10,901	25,768	35,777	41,902	54,754	170,378	177,019	253,212
41	Animal oils and fats	1,324	1,132	166	200	209	299	936	45,568	54,314	33,955	50,845	91,079	74,763	120,516
42	Fixed vegetable oils and fats	144,280	140,378	204,453	317,277	396,164	402,865	296,365	119,631	142,595	103,050	125,451	263,592	636,971	1,167,968
43	Animal and vegetable oils and fats, processed, and waxes of animal or vegetab	2,033	2,430	2,006	1,910	2,921	2,526	6,046	614	2,533	1,074	3,563	8,766	7,772	11,128
51	Chemical elements and compound	1,159,349	1,166,463	1,219,497	1,469,234	2,017,765	3,059,865	3,696,919	2,043,779	2,545,351	2,894,954	3,732,774	5,177,672	5,504,114	5,289,638
52	Mineral tar and crude chemicals from coal, petroleum an natural ga	26,201	204,077	81,981	33,416	87,896	57,097	224,823	11,445	16,483	44,951	84,439	121,399	149,570	0
53	Dyeing, tanning and colouring material	110,762	139,693	156,716	192,419	229,480	435,383	652,898	194,861	288,656	136,537	181,182	414,810	588,133	654,579
54	Medicinal and pharmaceutical products	420,341	447,784	529,548	608,773	886,330	1,180,567	1,570,580	51,537	68,872	96,594	165,617	304,202	555,037	893,974
55	Essential oils and perfume materials, toilet, polishing and cleansing preparatio	186,813	176,245	204,619	236,076	326,948	379,299	508,372	30,442	14,232	14,971	27,842	76,099	108,268	163,573
56	Fertilizers, manufactured	1,224	4,866	4,131	683	5,250	35,130	44,670	1,029,208	1,101,572	1,390,426	2,065,398	2,234,123	1,284,040	5,219,490
57	Explosives and pyrotechnic products	101,960	121,879	136,070	374,680	335,266	538,326	679,960	1,580	802	1,172	1,399	5,764	3,451	765
58	Plastic materials, regenerated cellulose and artificial resin	81,421	56,827	89,981	97,317	123,970	203,485	302,347	841,845	1,258,096	1,210,929	2,604,257	4,284,897	4,565,428	5,476,287
59	Chemical materials and products, n.e.s	280,410	216,556	234,485	231,760	356,140	516,629	693,053	149,272	168,714	528,353	703,796	646,216	589,150	912,854
61	Leather, leather manufactures, n.e.s. an dressed fur skins	149,298	118,316	127,376	185,766	133,044	222,993	6,420,159	165,437	112,704	70,453	125,621	428,678	479,006	7,259,893
62	Rubber manufactures, n.e.s.	80,354	109,704	121,116	123,042	153,761	296,932	378,210	7,790	12,065	16,416	30,513	44,658	76,683	168,314
63	Wood and cork manufactures (excluding furniture	51,534	56,187	53,334	59,659	75,577	135,905	330,306	203,512	360,423	219,877	429,558	772,971	700,021	2,026,294
64	Paper, paperboard and manufactures thereof	264,668	267,543	308,559	384,152	448,793	684,897	940,803	625,719	409,438	394,413	536,844	1,287,211	1,948,964	2,718,782
65	Textile yarn, fabrics, made-up articles and related products	4,183,143	4,309,665	5,352,307	7,693,227	9,601,353	14,724,715	22,228,340	2,279,871	1,525,708	983,414	2,034,801	4,503,430	5,101,587	7,246,592
66	Non-metallic mineral manufactures, n.e.s	637,726	601,156	559,325	575,473	672,877	1,110,760	1,636,833	147,006	285,205	411,700	503,763	974,566	1,272,578	1,275,776
67	Iron and steel	871,565	902,379	403,521	286,268	348,209	572,984	1,570,248	2,656,924	3,324,835	6,970,908	9,773,167	21,018,724	23,545,598	17,866,331
68	Non-ferrous metals	415,799	326,374	289,600	363,139	617,628	908,191	2,189,981	525,583	1,074,314	3,047,591	2,534,395	4,848,529	3,718,427	2,741,300
69	Manufactures of metal, n.e.s.	902,839	966,124	1,013,433	1,051,895	1,251,051	1,927,676	2,969,203	86,640	80,843	155,054	355,004	1,003,369	1,665,153	1,929,358
71	Machinery, other than electric	497,585	548,787	453,836	600,665	526,072	1,003,043	2,165,121	1,730,789	1,776,000	2,671,356	6,351,142	17,891,115	29,573,111	33,299,982
72	Electrical machinery, apparatus and appliances	552,719	588,902	790,387	1,265,557	718,273	1,698,056	3,680,266	1,307,950	1,121,586	1,541,751	4,679,898	13,207,376	12,036,381	12,301,391
73	Transport equipment	752,814	1,182,156	1,147,062	1,436,800	1,016,380	1,093,266	1,207,873	6,860,057	3,146,206	3,865,439	6,089,548	18,361,019	19,044,877	8,673,640
81	Sanitary, plumbing, heating and lighting fixtures an fitting	105,286	102,832	92,891	90,673	113,320	170,177	0	9,640	13,444	20,800	49,716	135,512	152,786	165,355
82	Furniture	236,906	262,676	241,832	283,515	269,259	377,016	15,990	7,247	10,961	27,011	47,546	103,372	139,709	155,168
83	Travel goods, handbags and similar articles	144,701	180,414	234,708	361,370	249,502	539,129	1,066,917	366	654	1,015	3,487	7,900	6,657	900,239
84	Clothing	3,374,919	3,901,105	4,410,950	6,328,209	6,102,054	10,217,369	15,482,941	27,678	15,037	6,665	16,866	53,706	81,693	64,903
85	Footwear	378,399	427,080	438,427	565,730	765,058	1,156,130	1,808,738	654	497	1,104	5,182	22,175	5,939	2,867
86	Professional, scientific and controlling instruments; photographic and optical g	265,402	284,105	387,958	495,725	267,106	509,631	2,272,766	581,799	487,588	896,668	1,345,331	2,908,597	2,783,719	6,203,504
89	Miscellaneous manufactured articles, n.e.s	2,019,670	2,047,262	2,084,663	2,835,663	2,641,060	4,521,349	9,472,755	202,277	269,265	374,595	910,566	1,988,130	1,483,310	6,491,762
90	Commodities and transactions not classified according to kin	3,003,396	6,692,368	7,750,924	7,131,249	20,011,825	42,099,270	3,455,325	3,027,746	4,149,722	5,285,562	9,967,239	14,415,735	25,378,488	3,720,407
	Total	38,255,520	44,729,518	47,708,174	61,621,336	75,555,526	129,260,175	137,185,155	38,273,500	37,829,047	44,825,229	67,030,406	132,992,818	162,515,211	159,786,526

Table A4: China's exports by commodity, SITC-R1, 2-digit level, 1981-200((unit: 1,000 US$)

Code (2-digit)	Name of items	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
00	Live animals	368,788	361,754	335,744	310,387	302,868	340,112	347,962	386,098	395,116	429,732	439,146	491,811	468,578	484,927	524,723	501,258	489,853	459,461	409,863	406,025
01	Meat and preparations	365,755	478,268	447,283	433,536	463,579	504,274	514,937	584,838	656,604	791,445	906,148	643,436	711,742	1,055,829	1,585,295	1,721,725	1,572,961	1,379,451	1,323,264	1,575,636
02	Dairy products and eggs	77,676	76,355	66,864	70,980	61,538	70,272	152,094	83,091	74,932	67,146	69,763	69,570	64,474	67,674	67,626	78,978	92,637	83,654	80,071	93,423
03	Fish and fish preparations	367,212	324,400	293,605	292,303	287,735	499,593	644,236	968,778	1,038,990	1,369,815	1,181,188	1,398,063	1,344,275	1,991,356	2,379,897	2,272,546	2,394,843	2,245,367	2,504,136	3,070,669
04	Cereals and cereal preparations	290,709	219,342	213,481	442,289	1,082,008	900,153	580,022	680,806	719,132	613,623	1,168,704	1,691,038	1,689,633	1,789,550	413,254	672,975	1,642,898	1,805,114	1,423,277	1,975,666
05	Fruit and vegetables	830,500	803,690	802,056	793,999	839,372	1,113,220	1,292,784	1,617,558	1,623,196	1,759,525	1,946,165	1,940,287	2,091,982	2,811,372	3,290,741	3,101,829	3,064,774	2,960,686	3,094,993	3,357,586
06	Sugar, sugar preparations and h	148,312	96,173	75,451	52,472	79,561	129,075	156,058	110,885	236,725	317,515	202,287	749,109	722,425	436,347	318,734	410,500	256,062	263,594	211,307	253,532
07	Coffee, tea, cocoa, spices and m	283,226	328,859	355,896	433,839	445,419	473,541	490,163	524,262	567,836	533,435	490,640	542,551	554,070	544,203	571,578	620,398	690,759	634,359	593,569	607,706
08	Feeding-stuff for animals (not in	88,811	108,294	196,582	216,493	241,175	423,325	542,871	917,289	863,592	758,209	854,875	503,446	456,802	467,836	352,480	367,212	312,900	221,433	242,749	307,392
09	Miscellaneous food preparation	52,810	56,633	55,397	56,262	57,944	61,141	110,473	58,448	75,904	83,961	117,640	236,387	250,990	309,762	388,972	430,717	480,845	546,888	518,798	579,803
11	Beverages	23,736	60,806	62,041	67,231	70,606	78,295	116,586	142,564	172,943	171,404	217,627	278,802	261,159	315,382	370,190	366,379	391,246	397,311	435,063	442,971
12	Tobacco and tobacco manufactu	34,828	34,515	41,478	38,268	35,333	42,160	58,829	92,954	140,775	170,461	311,374	441,259	640,353	686,361	999,014	975,691	657,598	577,994	336,321	301,896
21	Hides, skins and fur skins, undr	89,994	90,964	87,647	111,218	121,013	123,879	137,028	176,413	122,168	153,356	76,504	43,799	36,102	62,974	51,162	33,129	42,450	25,309	12,853	11,489
22	Oil-seeds, oil nuts and oil kerne	414,463	196,451	319,426	471,717	482,507	573,680	679,210	683,534	645,256	618,769	741,076	468,726	434,347	666,017	522,278	478,379	279,424	286,909	372,530	416,676
23	Crude rubber (including synthet	4,191	3,842	4,863	4,709	3,778	1,762	2,676	7,499	11,873	19,794	13,318	9,520	16,122	22,827	30,327	45,715	58,110	27,350	24,613	35,717
24	Wood, lumber and cork	11,450	11,230	9,991	10,973	9,567	19,212	35,720	99,274	96,128	88,571	112,313	133,288	177,540	175,914	220,483	208,234	223,613	150,606	177,889	227,657
25	Pulp and waste paper	150	9	339	869	254	1,489	1,483	4,504	4,366	2,071	799	2,222	3,966	6,184	29,237	11,805	11,811	9,877	3,427	10,589
26	Textile fibers (not manufactured	446,854	577,379	669,872	878,808	1,159,459	1,165,518	1,514,042	1,672,298	1,545,937	1,095,647	1,125,772	901,002	818,954	1,092,215	753,143	711,322	805,906	608,624	979,722	1,085,568
27	Crude fertilizers and crude mine	194,419	204,789	188,598	209,385	241,655	269,331	362,068	388,837	488,246	461,592	448,813	489,491	520,470	604,283	810,485	813,142	914,920	849,900	814,503	960,241
28	Metalliferrous ores and metal sc	313,866	109,337	150,527	123,883	191,844	216,240	285,225	380,568	329,824	176,233	121,094	133,423	100,092	122,974	168,919	94,965	165,079	116,283	136,140	133,788
29	Crude animal and vegetable ma	393,477	389,410	415,059	426,229	409,467	501,420	647,036	737,631	859,269	821,585	712,017	798,746	752,028	1,128,904	1,341,784	1,238,006	1,283,684	1,133,923	1,075,637	1,218,555
32	Coal, coke, and briquettes	349,282	373,293	319,784	291,343	334,509	432,869	538,053	554,580	617,380	705,098	790,826	815,732	831,488	983,304	1,523,633	1,568,017	1,727,161	1,668,609	1,499,892	2,149,448
33	Petroleum and petroleum produ	4,761,102	4,710,332	4,271,979	5,439,178	1,509,461	3,208,862	4,006,317	3,318,541	3,594,191	4,393,417	3,829,586	3,802,941	3,204,632	2,790,368	3,238,870	3,897,325	4,236,265	2,645,981	2,241,207	4,658,014
34	Gas, natural and manufactured	554	833	1,043	4,582	3,322	2,319	2,605	2,514	1,719	2,610	3,583	5,245	2,589	3,024	11,129	58,524	353,822	202,444	228,561	221,465
35	Electric energy	0	0	0	0	3,097	1,653	2,930	3,415	6,006	7,673	12,920	6,888	8,886	215,383	385,910	237,691	460,750	446,304	550,876	589,072
41	Animal oils and fats	779	599	84	86	71	87	252	111	255	519	1,079	647	448	775	1,069	1,183	1,473	1,936	2,077	7,288
42	Fixed vegetable oils and fats	84,871	74,274	103,259	136,757	134,750	116,772	79,668	72,413	82,664	155,002	143,954	71,646	123,019	259,869	228,560	191,128	354,659	172,075	70,227	59,586
43	Animal and vegetable oils and f	1,196	1,286	1,013	823	993	732	1,625	1,807	3,143	5,264	5,266	67,084	82,052	237,324	224,595	188,933	316,971	149,993	67,167	59,482
51	Chemical elements and compou	681,970	617,176	615,907	633,291	686,315	886,917	1,054,232	1,488,759	1,655,079	1,816,757	1,958,903	2,174,425	2,377,402	3,190,990	4,924,215	4,756,237	5,480,278	5,318,431	5,221,061	6,341,908
52	Mineral tar and crude chemicals	15,413	107,977	41,405	14,403	29,897	16,550	0	38,340	45,766	89,156	89,058	60,568	45,652	53,416	69,062	93,417	106,414	106,565	98,962	149,880
53	Dyeing, tanning and colouring r	65,154	73,911	79,150	82,939	78,055	126,198	175,510	229,085	287,815	365,624	335,392	351,848	374,293	536,994	725,826	724,448	911,850	949,123	953,906	1,126,156
54	Medicinal and pharmaceutical p	247,260	236,923	267,448	262,402	301,473	342,193	422,199	483,700	565,668	642,747	773,787	872,322	888,590	1,169,549	1,558,483	1,492,485	1,493,908	1,627,728	1,621,037	1,725,619
55	Essential oils and perfume mate	109,890	93,251	103,343	101,757	111,207	109,942	136,659	183,018	235,447	319,259	219,801	226,174	268,452	279,793	357,332	353,678	349,392	407,981	370,837	449,352
56	Fertilizers, manufactured	720	2,574	2,086	294	1,786	10,183	12,008	18,245	17,207	25,313	24,735	31,985	51,851	64,271	128,703	155,749	153,933	144,215	226,727	214,010
57	Explosives and pyrotechnic pro	59,977	64,487	68,722	161,500	114,036	156,036	182,785	299,534	248,261	213,507	163,466	149,833	131,551	155,595	186,582	227,722	222,719	269,316	326,440	272,473
58	Plastic materials, regenerated ce	47,895	30,067	45,445	41,947	42,167	58,981	81,276	131,122	150,838	277,391	251,471	368,985	381,220	621,574	955,729	804,372	1,222,618	1,155,727	1,045,766	1,335,847
59	Chemical materials and product	164,947	114,580	118,427	99,896	121,136	149,748	186,305	228,590	234,692	232,433	274,310	274,583	276,907	426,539	567,432	662,754	786,404	814,343	905,877	1,052,066
61	Leather, leather manufactures, r	87,822	62,601	64,331	80,072	45,253	64,636	1,725,849	101,996	104,328	182,748	192,468	251,037	307,455	605,745	679,901	573,878	664,317	710,650	746,553	1,070,695
62	Rubber manufactures, n.e.s.	47,267	58,045	61,170	53,035	52,300	86,067	101,669	112,950	147,144	193,543	236,527	250,104	303,709	407,664	666,388	701,017	780,199	840,732	1,011,342	1,385,869
63	Wood and cork manufactures (e	30,314	29,729	26,936	25,715	25,707	39,393	88,792	143,354	208,938	296,740	413,934	706,114	822,090	1,101,978	1,473,586	1,502,916	1,787,415	1,646,710	2,027,694	2,511,629
64	Paper, paperboard and manufac	155,687	141,557	155,838	165,583	152,651	198,521	252,904	270,784	290,208	293,819	321,560	430,414	492,645	602,177	906,128	786,983	968,222	953,544	882,262	1,349,772
65	Textile yarn, fabrics, made-up a	2,460,672	2,280,246	2,703,185	3,316,046	3,265,766	4,268,033	5,975,360	6,576,806	7,163,195	7,173,598	7,958,907	8,255,699	8,356,558	11,390,652	13,435,573	11,640,526	13,300,133	12,221,727	12,385,765	15,347,411
66	Non-metallic mineral manufactu	375,133	318,072	282,487	248,049	228,870	321,959	440,009	579,298	792,538	1,316,206	1,668,320	1,833,102	1,709,073	2,731,050	3,704,464	3,576,766	4,340,006	4,165,944	4,438,502	5,389,078
67	Iron and steel	512,685	477,449	203,798	123,391	118,438	166,082	422,110	1,009,545	708,894	1,282,478	1,669,126	1,447,592	1,191,576	1,802,032	5,380,401	3,983,793	4,861,500	3,671,929	3,094,301	4,812,922
68	Non-ferrous metals	244,588	172,685	146,262	156,526	210,077	263,244	588,705	819,847	460,210	600,402	564,021	734,472	820,641	1,459,929	1,961,457	1,691,613	2,613,928	2,655,466	2,829,017	3,474,470
69	Manufactures of metal, n.e.s.	531,082	511,177	511,835	453,403	425,527	558,747	798,173	998,225	1,198,019	1,429,316	1,693,087	2,621,008	2,990,009	4,016,309	5,190,609	5,238,367	6,481,630	6,827,716	7,283,093	9,092,787
71	Machinery, other than electric	292,697	290,364	229,210	258,908	178,936	290,737	582,022	1,393,515	2,091,121	2,725,444	3,530,027	3,266,141	4,058,609	5,447,588	8,453,467	10,647,759	13,508,078	16,448,112	18,969,699	26,641,328
72	Electrical machinery, apparatus	325,129	311,588	399,186	545,499	244,310	492,190	989,319	2,144,255	2,874,468	3,996,845	4,882,577	7,222,839	8,602,205	12,247,538	16,734,443	18,046,958	21,954,028	24,174,086	29,669,620	42,031,539
73	Transport equipment	442,831	625,479	579,324	619,311	345,708	316,889	324,697	2,524,590	3,199,470	4,266,405	5,714,446	2,242,552	1,663,347	2,754,516	4,251,113	4,678,451	6,088,624	7,394,036	7,267,287	9,753,784
81	Sanitary, plumbing, heating and	61,933	54,408	46,915	39,083	38,544	49,327	0	77,073	106,350	128,884	186,664	170,502	202,166	261,468	335,059	340,597	433,532	467,311	593,181	779,095
82	Furniture	139,357	138,982	122,138	122,205	91,585	109,280	4,298	234,813	272,145	321,615	464,890	687,858	929,031	1,267,388	1,495,437	1,566,756	2,042,551	2,263,352	2,805,104	3,697,926
83	Travel goods, handbags and sim	85,118	95,457	118,539	155,763	84,864	156,269	286,806	348,381	401,297	385,120	492,366	985,675	1,152,502	1,589,760	1,934,658	1,900,858	2,293,020	2,311,734	2,339,574	2,662,368
84	Clothing	1,985,247	2,064,077	2,227,753	2,727,676	2,075,528	2,961,556	4,162,081	6,612,993	8,131,199	9,610,143	12,749,147	17,368,522	19,134,279	24,659,122	25,166,119	26,074,346	32,933,225	31,168,211	31,314,108	37,544,790
85	Footwear	222,587	225,968	221,428	243,849	260,224	335,110	486,220	815,423	1,283,105	1,956,620	2,320,065	4,190,697	5,181,827	5,867,563	6,464,138	6,907,661	8,363,118	8,267,614	8,584,758	9,804,221
86	Professional, scientific and cont	156,119	150,320	195,938	213,675	90,852	147,719	610,959	818,341	967,481	1,288,804	1,475,162	2,339,239	2,758,298	3,822,731	5,195,176	5,538,440	6,800,229	7,004,897	7,627,162	9,692,476
89	Miscellaneous manufactured art	1,188,041	1,083,207	1,052,860	1,222,269	898,320	1,310,536	2,546,439	2,535,263	3,363,841	3,939,005	4,746,474	8,723,864	9,741,693	13,318,114	15,881,066	16,178,448	20,134,511	21,306,050	22,422,599	26,252,733
90	Commodities and transactions n	883,352	1,770,468	1,957,304	1,536,907	3,403,372	6,101,343	928,851	2,198,783	503,162	1,171,318	736,832	446,643	403,041	373,864	72,083	57,312	62,720	305,221	56,599	58,500
	Total	21,619,896	21,895,944	22,137,733	25,024,014	22,295,787	31,365,374	36,869,193	47,688,138	52,682,056	62,314,712	72,152,000	85,420,956	91,985,890	121,558,847	149,658,718	152,202,013	184,421,976	185,669,906	196,549,565	250,837,644

Table A5: China's imports by commodity, SITC-R1, 2-digit level, 1981–2000 (unit: 1,000 US$)

SITC R1 Code (2-digit)	Name of items	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
00	Live animals	2,506	2,597	2,860	3,646	18,860	12,288	12,572	16,519	10,941	13,618	19,685	20,007	17,200	18,332	28,242	34,699	31,897	42,646	46,982	41,846
01	Meat and preparations	229	822	1,380	3,180	6,813	9,160	18,042	28,236	47,027	53,987	62,441	63,919	75,132	95,739	102,618	169,853	163,545	150,705	510,306	653,958
02	Dairy products and eggs	18,371	51,255	17,956	22,944	32,688	49,530	49,434	70,189	68,805	80,942	68,734	66,416	53,114	80,848	61,079	55,409	66,191	86,487	160,621	215,651
03	Fish and fish preparations	14,445	21,799	23,688	31,215	44,389	47,460	58,292	91,990	118,027	102,405	122,405	321,536	362,376	573,111	602,702	590,957	536,186	659,449	876,448	1,202,547
04	Cereals and cereal preparations	2,982,496	3,205,202	2,452,030	1,720,839	970,503	983,128	1,689,607	1,854,792	2,983,162	2,353,447	1,647,808	1,724,162	1,034,305	1,333,878	3,645,200	2,613,218	952,572	745,133	572,053	657,410
05	Fruit and vegetables	46,684	63,250	29,714	33,107	51,105	57,009	54,754	75,094	88,888	83,133	65,782	102,238	97,541	102,049	184,904	296,107	329,972	334,255	376,597	500,404
06	Sugar, sugar preparations and ho	437,747	644,818	439,446	248,178	282,904	217,611	298,086	866,056	441,495	389,474	269,635	272,131	132,144	445,535	934,627	426,921	250,140	171,572	181,858	175,854
07	Coffee, tea, cocoa, spices and ma	31,018	74,814	54,405	45,996	41,337	116,860	71,325	98,879	63,619	27,832	52,694	59,357	57,202	61,224	76,021	89,363	85,470	88,308	87,039	114,327
08	Feeding-stuff for animals (not in	22,466	46,846	75,897	88,049	84,617	98,099	9,091	389,289	436,549	304,656	599,831	463,409	309,335	349,888	423,063	1,299,943	1,792,130	1,406,033	620,989	909,979
09	Miscellaneous food preparations	3,006	9,079	11,577	17,410	20,447	24,341	145,453	50,336	46,569	48,964	56,127	46,442	58,292	67,323	62,793	79,460	90,108	130,384	150,177	194,642
11	Beverages	4,846	4,341	5,324	11,511	21,769	18,123	27,240	40,294	30,232	26,762	36,932	34,482	45,198	35,752	34,622	40,427	65,839	73,562	120,517	160,032
12	Tobacco and tobacco manufactu	203,823	123,327	41,066	106,972	186,361	157,230	236,336	305,566	171,240	130,013	163,488	204,272	200,263	32,343	358,945	456,988	254,406	105,715	87,561	204,446
21	Hides, skins and fur skins, undre	60,068	101,326	55,897	39,345	103,696	76,901	68,113	70,417	43,833	20,836	32,488	151,870	189,374	268,245	410,870	369,304	405,022	400,386	407,917	637,773
22	Oil-seeds, oil nuts and oil kernels	176,207	112,061	1,038	1,032	922	63,457	61,595	37,783	13,963	20,726	20,226	31,194	28,812	62,372	109,581	325,658	873,848	1,226,572	1,531,362	2,943,593
23	Crude rubber (including syntheti	209,334	176,810	269,319	303,532	220,940	270,568	391,985	589,566	480,239	365,233	411,336	290,836	290,543	385,463	505,983	795,120	619,336	515,368	595,244	974,379
24	Wood, lumber and cork	248,080	504,988	597,771	714,364	873,511	670,765	585,693	1,155,394	635,807	508,524	509,473	600,107	610,309	570,566	518,539	633,287	948,280	921,667	1,810,782	2,421,251
25	Pulp and waste paper	377,794	216,156	279,293	268,386	224,500	225,035	403,918	580,631	424,476	286,533	453,231	413,469	294,054	494,431	844,519	967,880	923,837	1,094,519	1,659,716	2,677,915
26	Textile fibers (not manufactured	2,614,781	1,495,874	893,698	718,731	1,189,093	1,219,705	1,131,499	2,189,236	2,571,133	1,974,536	2,429,902	2,173,822	1,530,726	2,982,602	4,108,118	3,770,068	3,963,768	2,401,782	1,938,313	2,846,378
27	Crude fertilizers and crude miner	81,854	84,713	99,676	82,041	55,225	37,012	28,242	33,564	48,451	33,421	53,519	54,424	59,770	79,684	108,513	175,812	235,688	261,229	452,322	714,315
28	Metalliferrous ores and metal scr	153,976	184,479	225,451	292,343	537,310	635,475	525,392	487,002	641,406	750,124	1,055,161	1,559,618	1,883,384	1,894,524	2,808,104	2,842,070	3,204,048	2,948,036	3,277,394	5,183,081
29	Crude animal and vegetable mate	51,962	98,074	76,134	76,164	99,701	80,786	129,306	144,264	113,232	80,791	93,050	168,676	173,306	169,641	200,119	225,878	266,889	260,385	278,352	350,400
32	Coal, coke, and briquettes	55,318	61,382	57,172	60,336	63,737	88,031	70,980	62,202	90,923	74,158	47,238	43,423	41,986	34,634	73,637	146,790	96,279	68,649	61,173	69,818
33	Petroleum and petroleum produc	10,635	98,848	28,070	39,832	43,368	368,932	397,696	625,442	1,462,365	1,050,822	1,837,364	3,182,346	5,398,570	3,627,472	4,575,575	5,935,099	9,339,871	5,893,438	7,656,947	18,939,641
34	Gas, natural and manufactured	158	505	818	1,408	2,070	2,003	3,852	6,779	15,671	27,192	48,554	84,186	157,018	296,306	452,852	806,727	876,453	824,039	1,198,604	1,540,923
35	Electric energy	15,158	18,930	21,163	23,601	57,952	51,310	68,068	80,541	78,398	117,020	171,457	283,381	244,047	107,572	32,637	2,646	2,288	396	21,186	96,267
41	Animal oils and fats	26,805	28,737	17,149	21,916	30,979	21,670	32,397	42,331	33,321	32,771	25,444	23,584	34,164	48,283	148,803	95,314	83,013	80,713	117,664	131,651
42	Fixed vegetable oils and fats	70,371	75,447	52,046	54,074	89,657	184,629	313,970	323,187	839,442	947,319	690,237	373,433	328,186	1,371,147	1,913,854	1,322,923	1,315,850	1,091,986	876,648	587,549
43	Animal and vegetable oils and fa	361	1,340	543	1,536	2,982	2,253	2,991	3,408	2,524	1,827	2,864	128,133	142,170	390,307	539,497	280,060	287,717	340,551	441,952	333,231
51	Chemical elements and compour	1,202,223	1,346,746	1,462,098	1,608,954	1,761,113	1,595,395	1,421,946	3,412,741	3,191,341	2,698,864	3,473,082	3,355,461	2,563,886	3,078,121	5,260,439	5,133,924	4,512,249	4,481,849	6,468,168	9,936,229
52	Mineral tar and crude chemicals	6,732	8,721	22,702	36,396	41,292	43,354	0	68,190	80,406	74,727	118,063	134,899	154,057	200,001	262,889	335,591	394,568	517,664	673,639	775,726
53	Dyeing, tanning and colouring m	114,624	152,728	68,958	78,096	141,092	170,473	175,962	236,608	226,366	243,707	344,526	485,181	577,070	690,240	779,453	838,830	1,014,402	1,036,101	1,259,454	1,606,970
54	Medicinal and pharmaceutical pr	30,316	36,440	48,785	71,386	103,470	160,880	240,316	397,426	324,275	417,495	520,372	470,294	411,568	398,581	404,269	345,795	324,933	525,332	806,430	932,517
55	Essential oils and perfume mater	17,907	7,530	7,561	12,001	25,884	31,382	43,971	82,062	77,039	87,360	130,013	148,127	158,009	204,445	197,832	220,256	254,116	265,034	327,903	393,519
56	Fertilizers, manufactured	605,416	582,842	702,235	890,258	759,906	372,186	1,403,089	1,117,386	1,193,865	1,449,010	2,013,058	1,788,847	948,720	1,440,804	2,253,889	2,256,138	2,307,749	2,431,636	2,214,871	1,710,422
57	Explosives and pyrotechnic prod	929	424	592	603	1,960	1,000	206	662	1,832	557	1,190	1,190	1,314	2,241	11,948	7,008	6,965	1,882	9,975	12,009
58	Plastic materials, regenerated cel	495,203	665,659	611,580	1,122,524	1,457,448	1,323,312	1,472,120	3,580,938	2,229,302	1,514,968	2,393,855	4,269,525	4,416,567	5,537,584	7,278,345	8,102,844	9,436,033	9,722,132	10,717,755	13,368,295
59	Chemical materials and products	87,807	89,267	266,845	303,360	219,801	170,768	245,391	338,849	424,274	406,175	504,044	668,048	669,284	813,088	859,452	1,093,957	1,268,050	1,449,261	1,800,028	2,105,321
61	Leather, leather manufactures, n.	97,316	59,632	35,582	54,147	145,809	138,842	1,951,584	223,697	280,288	373,740	642,422	1,249,463	1,653,500	1,964,036	2,061,612	2,209,901	2,306,347	2,046,304	2,123,046	2,556,963
62	Rubber manufactures, n.e.s.	4,582	6,384	8,291	13,152	15,190	22,227	45,246	51,083	49,542	49,999	76,352	273,852	307,047	379,461	446,910	585,645	569,080	520,295	751,145	756,603
63	Wood and cork manufactures (ex	119,713	190,700	111,049	185,154	262,915	202,905	544,703	618,427	466,923	564,195	624,860	820,330	979,584	1,062,736	1,050,575	918,462	999,052	1,003,775	1,039,356	1,187,273
64	Paper, paperboard and manufactu	368,070	216,634	199,199	231,398	437,827	564,917	730,855	609,678	634,312	744,783	968,523	1,547,667	1,527,718	1,940,973	2,176,063	2,800,844	3,269,560	3,460,126	3,879,652	3,882,983
65	Textile yarn, fabrics, made-up ar	1,341,100	807,253	496,674	877,069	1,531,779	1,478,721	1,948,009	4,200,004	4,582,280	5,276,061	3,636,184	7,429,653	7,507,997	9,179,761	10,723,559	11,765,317	12,039,741	10,863,295	10,854,481	12,579,894
66	Non-metallic mineral manufactu	86,474	150,902	207,929	217,139	331,485	368,863	342,950	430,131	520,451	453,152	442,956	694,017	890,590	1,071,388	1,204,969	1,285,372	1,393,063	1,487,671	1,826,090	2,601,159
67	Iron and steel	1,562,897	1,759,172	3,520,661	4,212,572	7,149,226	6,824,811	4,802,777	4,624,473	5,796,591	2,852,038	2,694,188	4,259,752	12,629,776	9,262,127	6,367,899	7,226,793	6,642,650	6,408,645	7,466,464	9,676,636
68	Non-ferrous metals	309,166	568,420	1,539,187	1,092,412	1,649,160	1,077,805	736,908	886,545	1,123,736	589,852	829,498	2,082,948	1,885,333	1,684,745	2,711,302	3,035,660	3,214,159	3,524,861	4,771,148	6,810,658
69	Manufactures of metal, n.e.s.	50,965	42,774	78,310	153,019	341,282	482,653	518,645	564,593	606,889	521,466	515,322	1,092,530	1,445,875	1,717,041	1,926,886	1,967,597	2,109,914	1,989,516	2,000,724	2,321,541
71	Machinery, other than electric	1,018,111	939,683	1,349,170	2,737,561	6,085,413	8,571,916	8,951,608	9,824,669	10,976,451	10,387,972	11,997,853	15,213,395	23,231,072	25,289,454	27,640,054	29,990,026	24,625,500	24,337,813	27,734,632	34,414,469
72	Electrical machinery, apparatus a	769,382	593,432	778,662	2,017,197	4,492,305	3,488,806	3,306,825	5,707,323	6,134,857	5,548,361	6,504,907	9,420,662	12,613,826	16,015,239	19,029,465	18,672,243	21,228,781	25,397,935	34,439,997	49,726,494
73	Transport equipment	841,048	816,635	1,983,001	2,310,454	5,517,532	4,349,950	2,331,624	5,049,105	5,703,827	6,427,768	7,809,956	6,297,659	9,223,562	10,835,905	6,243,111	5,642,308	5,669,852	5,653,464	6,045,027	6,552,984
81	Sanitary, plumbing, heating and	5,671	7,113	10,505	21,429	46,093	44,286	44,450	74,101	80,392	62,946	72,681	63,464	120,702	138,439	162,170	121,506	144,708	292,247	242,186	201,661
82	Furniture	4,263	5,800	13,642	20,494	35,161	40,495	41,712	61,253	67,566	72,349	49,208	69,591	82,551	98,061	186,609	109,740	139,024	94,187	194,710	284,534
83	Travel goods, handbags and simi	215	346	513	1,503	2,687	1,929	242,000	8,273	5,822	6,302	7,234	55,379	60,369	61,881	88,760	76,251	70,830	67,292	76,330	91,866
84	Clothing	16,281	7,956	3,366	7,270	18,267	23,679	17,447	45,716	57,678	62,895	3,173,363	562,016	692,175	794,333	1,162,402	1,257,648	1,341,593	1,286,974	1,321,805	1,434,203
85	Footwear	385	263	557	2,233	7,542	1,721	771	1,852	3,364	9,002	10,924	93,115	105,383	88,508	101,099	88,642	91,131	73,977	97,877	101,850
86	Professional, scientific and contr	342,235	257,983	452,863	579,884	989,319	806,875	1,667,609	1,208,377	1,179,283	1,208,913	1,510,900	2,252,962	2,493,794	2,862,781	4,095,587	3,888,371	4,361,723	4,198,503	5,346,290	7,299,893
89	Miscellaneous manufactured arti	118,986	142,468	189,190	392,485	676,235	429,945	1,745,097	1,374,400	1,226,086	1,426,938	1,637,504	2,176,228	2,308,370	2,772,255	3,850,833	3,699,019	4,120,738	3,491,535	4,464,979	5,575,650
90	Commodities and transactions no	890,513	1,097,810	1,334,738	2,148,112	2,451,656	3,678,042	1,000,109	315,515	212,790	284,514	217,047	595,413	720,696	746,172	44,509	35,362	36,322	788,035	68,902	68,857
	Total	18,429,030	18,069,535	21,335,026	26,429,954	42,056,284	42,257,512	42,859,860	55,433,064	59,459,566	53,723,175	63,967,191	80,512,541	104,228,916	116,309,672	132,448,907	138,559,031	141,953,476	139,741,306	165,139,788	224,446,440

Table A6: Comparison of the commodity composition of exports and imports in China's customs statistics and the CIA estimates: SITC-R1, 2-digit level, 1980-1982 (share in total exports or imports in %)

		China's custom statistics Exports			CIA estimate Exports			China's custom statistics Imports			CIA estimate Imports		
Code*	Name of items	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
00	Live animals	1.95	1.67	1.57	1.82	1.78	1.60	0.02	0.01	0.01	0.01	0.02	0.01
01	Meat and preparations	2.02	1.66	2.07	2.04	1.75	1.67	0.00	0.00	0.00	0.01	0.00	0.02
02	Dairy products and eggs	0.39	0.35	0.33	0.48	0.45	0.41	0.03	0.10	0.26	0.02	0.05	0.20
03	Fish and fish preparations	2.11	1.66	1.41	2.14	1.99	1.57	0.06	0.08	0.12	0.01	0.01	0.03
04	Cereals and cereal preparations	2.36	1.32	0.95	2.58	2.39	2.03	12.20	15.71	17.02	11.54	12.90	14.77
05	Fruit and vegetables	4.15	3.76	3.49	5.02	4.91	4.25	0.24	0.25	0.34	1.24	0.47	0.70
06	Sugar, sugar preparations and honey	1.23	0.67	0.42	1.08	0.72	0.80	1.57	2.31	3.44	1.45	2.61	3.85
07	Coffee, tea, cocoa, spices and manufactures thereof	1.83	1.28	1.43	1.51	1.38	1.59	0.33	0.16	0.40	0.19	0.28	0.36
08	Feeding-stuff for animals (not including unmilled cereals	0.32	0.40	0.47	0.39	0.55	0.51	0.07	0.12	0.25	0.03	0.09	0.25
09	Miscellaneous food preparations	0.28	0.24	0.25	0.20	0.20	0.21	0.01	0.02	0.05	0.02	0.04	0.06
11	Beverages	0.15	0.11	0.26	0.33	0.32	0.34	0.01	0.03	0.02	0.03	0.05	0.07
12	Tobacco and tobacco manufactures	0.29	0.16	0.15	0.30	0.23	0.24	0.17	1.08	0.66	0.14	0.44	0.45
21	Hides, skins and fur skins, undressed	0.49	0.41	0.39	0.41	0.38	0.29	0.48	0.32	0.54	0.24	0.12	0.14
22	Oil-seeds, oil nuts and oil kernels	0.82	1.88	0.85	0.99	2.45	1.00	0.87	0.93	0.60	0.82	0.87	0.48
23	Crude rubber (including synthetic and reclaimed	0.02	0.02	0.02	0.03	0.02	0.02	1.79	1.11	0.94	2.17	1.20	1.46
24	Wood, lumber and cork	0.14	0.05	0.05	0.16	0.10	0.10	1.25	1.31	2.69	0.43	0.81	1.84
25	Pulp and waste paper	0.00	0.00	0.00	0.01	0.01	0.00	1.04	2.00	1.15	0.99	1.01	0.84
26	Textile fibers (not manufactured into yarn, thread or fabrics) and their waste	1.23	1.08	0.97	1.38	1.32	0.93	10.48	13.81	7.98	10.95	12.66	8.66
27	Crude fertilizers and crude minerals (excluding coal, petroleum and precious stones	0.97	0.88	0.89	1.39	1.21	1.19	0.17	0.20	0.24	0.20	0.12	0.25
28	Metalliferrous ores and metal scrap	1.58	1.42	0.47	0.91	0.96	0.53	0.31	0.23	0.40	0.14	0.10	0.17
29	Crude animal and vegetable materials, n.e.s	2.46	1.78	1.69	2.84	2.13	1.89	0.38	0.27	0.52	0.36	0.29	0.50
32	Coal, coke, and briquettes	1.50	1.58	1.62	1.32	1.25	1.31	0.32	0.29	0.33	0.64	0.56	0.77
33	Petroleum and petroleum products	21.97	21.57	20.43	22.09	21.03	20.08	0.63	0.06	0.53	0.72	0.31	0.18
34	Gas, natural and manufactured	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Electric energy	0.01	0.00	0.00	0.00	0.00	0.00	0.41	0.14	0.15	0.32	0.10	0.16
41	Animal oils and fats	0.31	0.38	0.32	0.43	0.49	0.28	0.79	0.37	0.40	0.69	0.48	0.36
42	Fixed vegetable oils and fats	0.01	0.01	0.01	0.02	0.01	0.01	0.00	0.00	0.01	0.02	0.02	0.06
43	Animal and vegetable oils and fats, processed, and waxes of animal or vegetable origi	2.42	3.09	2.68	2.50	2.58	2.30	6.36	6.35	7.19	2.79	2.61	3.17
51	Chemical elements and compound	0.16	0.07	0.47	0.15	0.26	0.13	0.14	0.04	0.05	0.00	0.00	0.00
52	Mineral tar and crude chemicals from coal, petroleum an natural ga	0.38	0.30	0.32	0.31	0.30	0.29	0.50	0.61	0.82	0.42	0.64	0.85
53	Dyeing, tanning and colouring material	1.45	1.12	1.03	1.01	0.92	0.85	0.07	0.16	0.19	0.10	0.16	0.20
54	Medicinal and pharmaceutical products	0.61	0.50	0.40	0.52	0.44	0.44	0.02	0.09	0.04	0.05	0.09	0.13
55	Essential oils and perfume materials, toilet, polishing and cleansing preparation	0.00	0.00	0.01	0.02	0.03	0.02	2.18	3.20	3.11	4.49	4.20	3.49
56	Fertilizers, manufactured	0.33	0.27	0.28	0.51	0.44	0.47	0.01	0.00	0.00	0.00	0.00	0.01
57	Explosives and pyrotechnic products	0.35	0.22	0.13	0.39	0.29	0.18	4.58	2.62	3.55	1.92	2.65	3.70
58	Plastic materials, regenerated cellulose and artificial resin	0.84	0.75	0.50	0.87	0.85	0.56	0.50	0.46	0.48	0.94	0.88	1.12
59	Chemical materials and products, n.e.s	0.63	0.40	0.27	0.62	0.43	0.26	0.46	0.51	0.32	0.74	0.73	0.97
61	Leather, leather manufactures, n.e.s. an dressed fur skins	0.30	0.21	0.25	0.29	0.28	0.23	0.05	0.02	0.03	0.10	0.06	0.08
62	Rubber manufactures, n.e.s.	0.15	0.14	0.13	0.31	0.27	0.23	0.19	0.63	1.02	0.28	0.19	0.28
63	Wood and cork manufactures (excluding furniture	0.76	0.71	0.61	0.83	0.82	0.70	1.70	1.94	1.16	1.84	1.35	0.99
64	Paper, paperboard and manufactures thereof	13.17	11.15	9.89	14.83	14.41	11.99	3.42	7.09	4.31	4.36	8.75	6.95
65	Textile yarn, fabrics, made-up articles and related products	1.88	1.70	1.38	2.23	2.24	1.96	0.48	0.46	0.81	0.80	0.93	1.05
66	Non-metallic mineral manufactures, n.e.s	1.32	2.32	2.07	1.38	2.09	1.95	11.02	8.26	9.39	11.58	7.32	11.25
67	Iron and steel	1.08	1.11	0.75	0.99	1.08	0.88	2.70	1.63	3.03	2.17	0.91	2.59
68	Non-ferrous metals	2.33	2.41	2.22	2.09	2.43	2.33	0.55	0.27	0.23	1.90	1.95	1.02
69	Manufactures of metal, n.e.s.	1.51	1.33	1.26	1.53	1.56	1.36	6.53	5.38	5.01	14.55	14.13	8.43
71	Machinery, other than electric	2.30	1.47	1.35	1.46	1.58	1.42	13.42	4.07	3.17	5.58	7.47	4.93
72	Electrical machinery, apparatus and appliances	0.81	0.99	1.60	0.41	0.63	0.45	5.65	3.32	3.07	7.76	3.90	6.34
81	Sanitary, plumbing, heating and lighting fixtures an fitting	0.30	0.28	0.24	0.31	0.32	0.31	0.02	0.03	0.04	0.03	0.06	0.05
82	Furniture	0.61	0.63	0.60	0.67	0.77	0.86	0.01	0.02	0.03	0.02	0.03	0.05
83	Travel goods, handbags and similar articles	0.41	0.39	0.41	0.45	0.53	0.60	0.00	0.00	0.00	0.00	0.00	0.01
84	Clothing	8.92	9.00	8.95	8.95	9.80	10.00	0.07	0.09	0.04	0.11	0.23	0.30
85	Footwear	0.96	1.01	0.98	1.06	1.21	1.16	0.00	0.00	0.00	0.00	0.01	0.01
86	Professional, scientific and controlling instruments; photographic and optical goods, wa	0.67	0.71	0.65	0.58	0.65	0.55	1.81	1.81	1.38	1.50	2.00	1.89
89	Miscellaneous manufactured articles, n.e.s	4.65	5.38	4.70	4.16	3.87	3.56	0.64	0.63	0.76	0.83	0.99	1.70
90	Commodities and transactions not classified according to kin	2.10	8.01	15.36	0.72	0.90	11.12	3.26	9.41	11.72	1.77	2.13	1.77
	Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00