

How to Use Trade Index Numbers for Unit Value, Value, Quantity and Terms of Trade.

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The figures in these tables are estimated by the Institute of Developing Economies, Japan External Trade Organization (IDE-JETRO), and they consist of trade index numbers for unit value, value, quantity, and terms of trade of 64 countries and areas. The index numbers are calculated with chained-linked base year formula by BEC/ISIC using SITC and HS data from the United Nations Commodity Trade Statistics Database. We present an overview of the index numbers and how to use them below.

1. Overview of Trade Index Numbers

1.1 Kinds of Trade Index Numbers

These tables contain trade index numbers for unit value, value, quantity and terms of trade (hereinafter referred to as “Trade Index Numbers”).

1.2 Source Data

We used trade data for various revisions of SITC and HS downloaded from the United Nations Commodity Trade Statistics Database (hereinafter referred to as “Comtrade”) in 2014 to compile the Trade Index Numbers. These data consist mainly of figures up to and including the reporting year of 2017.

1.3 Conditions for Compiling Trade Index Numbers

1.3.1 Reporting countries and areas

Trade Index Numbers are compiled for the 64 countries and areas that reported trade data to the United Nations for Comtrade, as indicated in Appendix Table 1.

1.3.2 Direction of trade

The direction of trade, also called “trade flow,” consists of four types of trade: imports, exports, re-exports and re-imports. As the value of export (import) data of Comtrade includes the value of re-export (re-import) data, it is necessary to note that those index numbers compiled from export (import) data reflect the data for re-exports (re-imports).

There is no difference by the direction of trade for the index numbers of terms of trade.

1.3.3 Partner country/area group

Trade Index Numbers are compiled for each partner country/area group, as follow: world total (World), United States (USA), European Union (EU), Japan (JPN), People's Republic of China (CHN), Asia NIEs (NIEs), ASEAN 4 countries (ASEAN4), CLMV countries (CLMV) and other countries and areas (Etc.). For the world total (World), data of world total as partner country/area originally included in Comtrade is used. Individual partner country and area used for composing each partner country/area group are indicated in Appendix Table 2.

1.3.4 Industrial categories

As industrial categories, the Classification by Broad Economic Categories (BEC) and the International Standard Industrial Classification of All Economic Activities, Rev. 3 (ISIC), are used (see Appendix Tables 3 and 4). Concordance tables for commodity classifications (SITC, HS) and the industrial categories in the World Integrated Trade Solution (WITS) provided by the World Bank et al. are used (see Reference Websites below).

We could not obtain concordance tables for SITC and ISIC; therefore, Trade Index Numbers for ISIC are limited to the years for which HS data exists.

1.3.5 Commodity classifications

Comtrade includes not only originally reported data but also data converted by the UN to include recent years' data which extends the year range of the originally reported data. For instance, while Japan had reported trade data according to SITC Rev. 1 during the years between 1962 and 1975 to the UN, Comtrade includes the same data in data for the years between 1962 and 2013. The version of the commodity code used for the data after 1976 was converted from other version than SITC Rev. 1 to SITC Rev. 1 by the UN. Using the “As Reported” category, Comtrade users can retrieve data for each country or area as it was originally reported to the UN. While we basically use “As Reported” data to compile Trade Index Numbers, in order to connect different commodity revision data, we also use some data not included in “As Reported.” Appendix Table 5 is an example of the exact data which is used to compile Trade Index Numbers for Japanese export by BEC.

1.4 Calculation Formula

First, we compile the unit value index using Laspeyres and Paasche formulae, then using those indices we

compile the unit value index of the Fischer formula. Next, after compiling the value index, we compile the quantity index using the unit value index of the Fischer formula and the value index.

These formulae for calculating the indices are as follows. In these formulae, the Laspeyres (Paasche) unit value index $P_{i,t}^L$ ($P_{i,t}^P$) is compiled using values in base year 0 which consist of trade value $v_{c,0}$, quantity $q_{c,0}$ and unit value, quotient of trade value and quantity, $uv_{c,0}$, of commodity classification c belonging to industrial category i , and the same values in reference year t which consist of $v_{c,t}$, $q_{c,t}$ and $uv_{c,t}$. The general Laspeyres (Paasche) unit value index P_t^L (P_t^P) is compiled by averaging indices by industrial category using the base year value weight $w_{i,0}$ (reference year value weight $w_{i,t}$). The unit value index by the Fischer formula is indicated by $P_{i,t}^F$ (by industrial category) and P_t^F (general). Also, value index $V_{i,t}$ (by industrial category), V_t (general), and quantity index $Q_{i,t}$ (by industrial category), Q_t (general) are calculated. Regarding the terms of trade index, the indices by industry (Laspeyres, Paasche, Fischer) are $T_{i,t}^L$, $T_{i,t}^P$, $T_{i,t}^F$, respectively. General indices (Laspeyres, Paasche, Fischer) are T_t^L , T_t^P , T_t^F , respectively. Subscripts m and x that are used in the formula indicate imports and exports, respectively. For instance, $P_{i,t}^{Lm}$ ($P_{i,t}^{Lx}$) indicates the Laspeyres import (export) unit value index by industry.

$$P_{i,t}^L = \frac{\sum_c uv_{c,t} \cdot q_{c,0}}{\sum_c uv_{c,0} \cdot q_{c,0}} \quad \text{where} \quad uv_{c,t} = \frac{v_{c,t}}{q_{c,t}}, \quad uv_{c,0} = \frac{v_{c,0}}{q_{c,0}}, \quad c \in i.$$

$$P_{i,t}^P = \frac{\sum_c uv_{c,t} \cdot q_{c,t}}{\sum_c uv_{c,0} \cdot q_{c,t}} \quad \text{where conditions are the same as above.}$$

$$P_t^L = \sum_i w_{i,0} \cdot P_{i,t}^L \quad \text{where} \quad \sum_i w_{i,0} = 1, \quad w_{i,0} = \frac{\sum_c v_{c,0}}{\sum_c v_{c,0}}, \quad c \in i.$$

$$P_t^P = \sum_i w_{i,t} \cdot P_{i,t}^P \quad \text{where} \quad \sum_i w_{i,t} = 1, \quad w_{i,t} = \frac{\sum_c v_{c,t}}{\sum_c v_{c,t}}, \quad c \in i.$$

$$P_{i,t}^F = (P_{i,t}^L \cdot P_{i,t}^P)^{1/2}.$$

$$P_t^F = (P_t^L \cdot P_t^P)^{1/2}.$$

$$V_{i,t} = \frac{\sum_c v_{c,t}}{\sum_c v_{c,0}} \quad \text{where} \quad c \in i.$$

$$V_t = \frac{1}{2} \sum_i (w_{i,0} + w_{i,t}) \cdot V_{i,t} \quad \text{where} \quad \frac{1}{2} \sum_i (w_{i,0} + w_{i,t}) = 1.$$

$$Q_{i,t} = V_{i,t} / P_{i,t}^F.$$

$$Q_t = V_t / P_t^F .$$

$$T_{i,t}^L = P_{i,t}^{Lm} / P_{i,t}^{Lx} , \quad T_{i,t}^P = P_{i,t}^{Pm} / P_{i,t}^{Px} , \quad T_{i,t}^F = P_{i,t}^{Fm} / P_{i,t}^{Fx}$$

$$T_t^L = P_t^{Lm} / P_t^{Lx} , \quad T_t^P = P_t^{Pm} / P_t^{Px} , \quad T_t^F = P_t^{Fm} / P_t^{Fx}$$

1.5 Criteria for Selecting Trade Data

Criteria for selecting trade data for compiling Trade Index Numbers are as follow. We use data which fulfill all of these criteria for compiling Trade Index Numbers.

- Quantity unit is other than 0 (Not reported) or 1(No quantity).
- Quantity is larger than zero.
- Quantity is not estimated. Or, quantity estimation flag is not 2 (quantity estimation only) or 6 (both quantity and net weight are estimated). Regarding “quantity estimation flag”, see Reister et al. (2009).
- Unit value for base year is larger than zero.
- Unit value for reference year is larger than zero.
- Unit value ratio obtained from unit value of reference year divided by unit value of base year is between 0.2 and 5, except for the case when the base year equals the reference year.

1.6 Calculating Chained-linked Index Numbers

As we adopted chained-linked index numbers formula, the base year of each reference year is always the previous year, except for the oldest reference year (for instance, 1962) whose base year equals itself. First, the index (Laspeyres and Paasche) based on each previous year is calculated, then Fischer is calculated via Laspeyres and Paasche. Next, each index is transformed into chain-linked index numbers by the first base year (for instance, 1962). Finally, the chained-linked index numbers based on the first base year are transformed again to chain-linked index numbers by base year 2010.

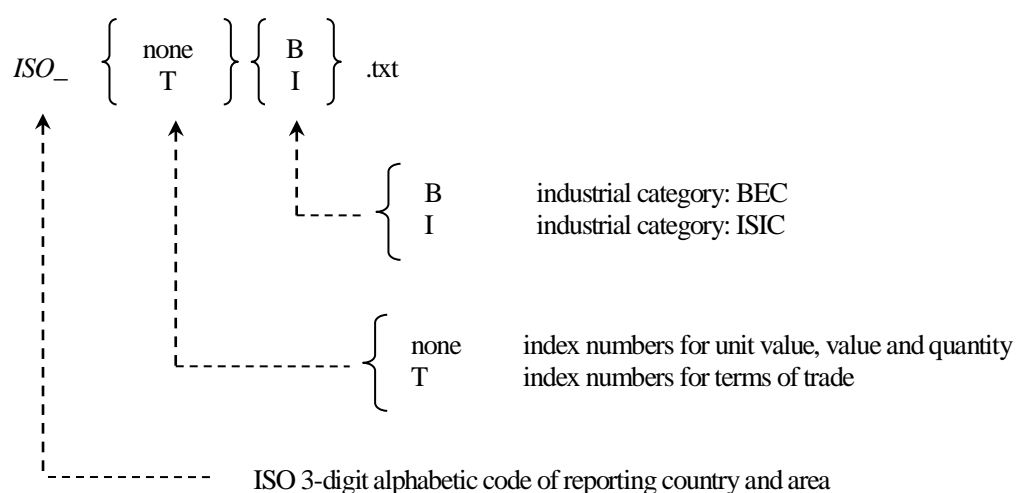
1.7 Aggregating Method

Index numbers by industries are compiled by reporting countries and areas. General index numbers are compiled by aggregating index numbers of industries. Regarding partner countries and areas, index numbers for the world total are compiled using Comtrade data in which the partner country is “world total.” Index numbers for partner groups are compiled by aggregating Comtrade data in which the partner countries are individual countries.

2. Using Trade Index Numbers

2.1 File Name

The first three letters of each file name are the ISO 3-digit alphabetic code of the reporting country or area. The format of the files is tab delimited text file.



(Example) JPN_B.txt: Japanese index numbers for unit value, value and quantity by BEC

JPN_TI.txt: Japanese index numbers for terms of trade by ISIC

2.2 Order of Tables of Trade Index Numbers

The tables of Trade Index Numbers are ordered as follow. Descriptions of these items are indicated in “2.3 Header of Each Table.”

- 1) Reporting country and area
- 2) Direction of Trade (Tables for terms of trade do not include this item)
- 3) Partner country/area group
- 4) Industrial category (BEC, ISIC)

Rows for each table are ordered by reporting year.

2.3 Header of Each Table

The header of each table consists of items as follow.

Header items	Description
RC:	Reporting country/area. Please see “1.3.1 Reporting countries and areas” and Appendix Table1.
DT:	Direction of trade. Please see “1.3.2 Direction of trade.” This item does not exist in the tables for index numbers for terms of trade.
PC:	Partner country/area group. Please see “1.3.3 Partner country/area group” and Appendix Table 2.
IC:	Industrial Category (BEC and ISIC). In the case of general index numbers, this item displays as “BEC (or ISIC): 000 General index compiled from indices by BEC (or ISIC)”. Please see “1.3.4 Industrial Categories,” Appendix Table 3 (BEC), and 4 (ISIC).

The items in each header are delimited by a space, not a comma.

2.4 Columns of Each Table

Each table consists of columns as follow.

Table of trade index numbers for unit value, value and quantity

Column	Description
RYEAR	Reported years from each reporting country or area.
BYEAR	Base years that are used to calculate index numbers.
CR	Commodity Revisions of data used to compile Trade Index Numbers. S1: SITC Revision 1 S2: SITC Revision 2 S3: SITC Revision 3 H0: HS 1988/1992 H1: HS 1996 H2: HS 2002 H3: HS 2007
LAS	Laspeyres chain-linked index numbers for unit value based on year 2010.
PAS	Paasche chain-linked index numbers for unit value based on year 2010.
FIS	Fischer chain-linked index numbers for unit value based on year 2010.
VIX	Chain-linked index numbers for value based on year 2010.
QIX	Chain-linked index numbers for quantity based on year 2010.
VAL_S	Total value of selected data for the reported year.
VAL_A	Total value of all data for the reported year.
VAL_R	Representative ratio of value for the reported year.
NUM_S	Total numbers of selected data for the reported year.
NUM_A	Total numbers of all data for the reported year.
NUN_R	Representative ratio of numbers of data for the reported year.

Trade Index Numbers and the representative ratios are formed by floating point format.

Table of trade index numbers for terms of trade.

Column	Description
RYEAR	Reported years from each reporting country or area.
TT_LAS	Laspeyres chain-linked index numbers for terms of trade based on year 2010.
TT_PAS	Paasche chain-linked index numbers for terms of trade based on year 2010.
TT_FIS	Fischer chain-linked index numbers for terms of trade based on year 2010.

Trade Index Numbers are formed by floating point format.

3. Notices for Using Trade Index Numbers

3.1 Handling of Missing Values in Source Data

There are years for which index numbers cannot be compiled because “no data” can be selected. Trade Index Numbers are disconnected after the year in which index cannot be compiled without special handling. Therefore, we connected chain-linked index numbers disconnected after the year in which an index was missing, regarding the missing index as 100, which means no change occurred in the years of missing indices. Users should note that such handling has been done after a year with a missing index.

3.2 Total Value, Total Number of Data and Representative Ratio

“Val_A” in the table of Trade Index Numbers refers to the aggregated value of data retrieved from Comtrade, which has the most detailed commodity classification (in the case of SITC, mainly 4 or 5 digit level, and in the case of HS, 6 digit level). Known as a characteristic of Comtrade, the aggregated value of data that has the most detailed commodity classification is not necessarily equal to the value of the commodity total. Therefore, users should note that it is possible for the aggregated value of “VAL_A” of the industrial categories of any country is not equal to the value of the commodity total of that country. By the same token, please note that “VAL_R,” the representative ratio of the reported year, refers to the ratio of the value aggregated from selected data that has the most detailed commodity classification used to compile the index.

4. Copyright

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Reference Websites

United Nations Statistical Division, Commodity Trade Statistics Database (UN Comtrade)

- Reference Table

<http://unstats.un.org/unsd/tradekb/Knowledgebase/UN-Comtrade-Reference-Tables>

- Reister, Matthias and Markie Muryawan (2009) “Quantity and Weight Data in UN Comtrade” (UN Comtrade background paper by Matthias Reister and Markie Muryawan)

<http://unstats.un.org/unsd/tradekb/Knowledgebase/Quantity-and-Weight-Data-in-UN-Comtrade>

World Bank et al., World Integrated Trade Solution (WITS)

- Concordances

http://wits.worldbank.org/product_concordance.html

- Reference Data

<http://wits.worldbank.org/referencedata.html>

History of Revision

Revision	Date	Description
1.0	Feb. 27, 2009	Initial version.
1.1	Dec. 1, 2014	Industrial Category is changed to BEC and ISIC. Reporting countries and areas increased to 64.
1.2	Jun. 1, 2018	Index numbers are extended to 2017.

付表1 報告国・地域一覧 Table 1. List of reporting countries/areas

報告国・地域 Reporting country/area	ISO 3桁国・地域コード ISO 3-digit country/area code	国連国・地域コード UN country code
Albania	ALB	8
Argentina	ARG	32
Australia	AUS	36
Austria	AUT	40
Belgium	BEL	56
Bosnia Herzegovina	BIH	70
Brazil	BRA	76
Brunei Darussalam	BRN	96
Bulgaria	BGR	100
Cambodia	KHM	116
Canada	CAN	124
Chile	CHL	152
China	CHN	156
China, Hong Kong SAR	HKG	344
Croatia	HRV	191
Cyprus	CYP	196
Czech Rep.	CZE	203
Denmark	DNK	208
Estonia	EST	233
Finland	FIN	246
France	FRA	251
Germany	DEU	276
Greece	GRC	300
Hungary	HUN	348
Iceland	ISL	352
India	IND	699
Indonesia	IDN	360
Ireland	IRL	372
Israel	ISR	376
Italy	ITA	381
Japan	JPN	392
Latvia	LVA	428
Lithuania	LTU	440
Luxembourg	LUX	442
Malaysia	MYS	458
Malta	MLT	470
Mexico	MEX	484
Montenegro	MNE	499
Netherlands	NLD	528
New Zealand	NZL	554
Norway	NOR	579
Philippines	PHL	608
Poland	POL	616
Portugal	PRT	620
Rep. of Korea	KOR	410
Rep. of Moldova	MDA	498
Romania	ROM	642
Russian Federation	RUS	643
Saudi Arabia	SAU	682
Serbia	SRB	688
Serbia and Montenegro	SCG	891
Singapore	SGP	702
Slovakia	SVK	703
Slovenia	SVN	705
South Africa	ZAF	710
Spain	ESP	724
Sweden	SWE	752
Switzerland	CHE	757
TFYR of Macedonia	MKD	807
Thailand	THA	764
Turkey	TUR	792
United Kingdom	GBR	826
USA	USA	842
Viet Nam	VNM	704

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Source: Compiled by the author using UN Statistical Division website documents.

付表2 相手国・地域グループ一覧 Table 2. List of Partner Countries and Areas

相手国・地域グループ Partner Country/Area Group	国連国・地域コード United Nations Country/Area Code	ISO 国・地域コード ISO 3-digit Country/Area Code	国・地域 Country/Area
World (世界計, World Total)	0	WLD	World
USA (米国, United States)	841 842 850	USA USA VIR	USA (before 1981) USA US Virgin Isds
EU (欧州連合, European Union)	40 56 58 100 191 196 200 203 208 233 246 251 276 278 280 300 348 372 381 428 440 442 470 528 616 620 642 703 705 724 752 826	AUT BEL BEL BGR HRV CYP CSK CZE DNK EST FIN FRA DEU DDR DEU GRC HUN IRL ITA LVA LTU LUX MLT NLD POL PRT ROM SVK SVN ESP SWE GBR	Austria Belgium Belgium-Luxembourg Bulgaria Croatia Cyprus Czechoslovakia Czech Rep. Denmark Estonia Finland France Germany Fmr Dem. Rep. of Germany Fmr Fed. Rep. of Germany Greece Hungary Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Poland Portugal Romania Slovakia Slovenia Spain Sweden United Kingdom
JPN (日本, Japan)	392 647	JPN	Japan Ryukyu Isd
CHN (中国, People's Republic of China)	156	CHN	China
NIEs (アジアNIEs, Asian Newly Industrializing Economies)	344 410 490 702	HKG KOR TWN SGP	China, Hong Kong SAR Rep. of Korea Taiwan Singapore
ASEAN4 (ASEAN 4力国, ASEAN 4)	360 457 458 459 461 608 764	IDN MYS PHL THA	Indonesia Sarawak Malaysia Peninsula Malaysia Sabah Philippines Thailand
CLMV (CLMV諸国, CLMV Countries)	104 116 418 704	MMR KHM LAO VNM	Myanmar Cambodia Lao People's Dem. Rep. Viet Nam
Etc (その他, Other Countries/Areas)	4 8 12 20 24 28 31 32 36 44 48 50	AFG ALB DZA AND AGO ATG AZE ARG AUS BHS BHR BGD	Afghanistan Albania Algeria Andorra Angola Antigua and Barbuda Azerbaijan Argentina Australia Bahamas Bahrain Bangladesh

51	ARM	Armenia
52	BRB	Barbados
60	BMU	Bermuda
64	BTN	Bhutan
68	BOL	Bolivia
70	BIH	Bosnia Herzegovina
72	BWA	Botswana
76	BRA	Brazil
84	BLZ	Belize
86	IOT	Br. Indian Ocean Terr.
90	SLB	Solomon Isds
92	VGB	Br. Virgin Isds
96	BRN	Brunei Darussalam
108	BDI	Burundi
112	BLR	Belarus
120	CMR	Cameroon
124	CAN	Canada
132	CPV	Cape Verde
136	CYM	Cayman Isds
140	CAF	Central African Rep.
144	LKA	Sri Lanka
148	TCD	Chad
152	CHL	Chile
162	CXR	Christmas Isds
166	CCK	Cocos Isds
170	COL	Colombia
174	COM	Comoros
175	MYT	Mayotte
178	COG	Congo
180	COD	Dem. Rep. of the Congo
184	COK	Cook Isds
188	CRI	Costa Rica
192	CUB	Cuba
204	BEN	Benin
212	DMA	Dominica
214	DOM	Dominican Rep.
218	ECU	Ecuador
222	SLV	El Salvador
226	GNQ	Equatorial Guinea
230	ETH	Fmr Ethiopia
231	ETH	Ethiopia
232	ERI	Eritrea
234	FRO	Faeroe Isds
238	FLK	Falkland Isds (Malvinas)
242	FJI	Fiji
254	GUF	French Guiana
258	PYF	French Polynesia
260	ATF	Fr. South Antarctic Terr.
262	DJI	Djibouti
266	GAB	Gabon
268	GEO	Georgia
270	GMB	Gambia
275	PSE	Occ. Palestinian Terr.
288	GHA	Ghana
292	GIB	Gibraltar
296	KIR	Kiribati
304	GRL	Greenland
308	GRD	Grenada
312	GLP	Guadeloupe
320	GTM	Guatemala
324	GIN	Guinea
328	GUY	Guyana
332	HTI	Haiti
340	HND	Honduras
352	ISL	Iceland
356	IND	India, excl. Sikkim
364	IRN	Iran
368	IRQ	Iraq
376	ISR	Israel
384	CIV	Cote d'Ivoire
388	JAM	Jamaica
398	KAZ	Kazakhstan

400	JOR	Jordan
404	KEN	Kenya
408	PRK	Dem. People's Rep. of Korea
414	KWT	Kuwait
417	KGZ	Kyrgyzstan
422	LBN	Lebanon
426	LSO	Lesotho
430	LBR	Liberia
434	LBY	Libya
446	MAC	China, Macao SAR
450	MDG	Madagascar
454	MWI	Malawi
462	MDV	Maldives
466	MLI	Mali
474	MTQ	Martinique
478	MRT	Mauritania
480	MUS	Mauritius
484	MEX	Mexico
496	MNG	Mongolia
498	MDA	Rep. of Moldova
500	MSR	Montserrat
504	MAR	Morocco
508	MOZ	Mozambique
512	OMN	Oman
516	NAM	Namibia
520	NRU	Nauru
524	NPL	Nepal
530	ANT	Neth. Antilles
532	ANT	Neth. Antilles and Aruba
533	ARB	Aruba
540	NCL	New Caledonia
548	VUT	Vanuatu
554	NZL	New Zealand
558	NIC	Nicaragua
562	NER	Niger
566	NGA	Nigeria
570	NIU	Niue
574	NFK	Norfolk Isds
579	NOR	Norway
580	MNP	N. Mariana Isds
582	PCI	Fmr Pacific Isds
583	FSM	FS Micronesia
584	MHL	Marshall Isds
585	PLW	Palau
586	PAK	Pakistan
588	PAK	East and West Pakistan
590	PAN	Fmr Panama, excl.Canal Zone
591	PAN	Panama
592	PCZ	Fmr Panama-Canal-Zone
598	PNG	Papua New Guinea
600	PRY	Paraguay
604	PER	Peru
612	PCN	Pitcairn
624	GNB	Guinea-Bissau
626	TMP	Timor-Leste
634	QAT	Qatar
638	REU	Reunion
643	RUS	Russian Federation
646	RWA	Rwanda
654	SHN	Saint Helena
658	KNA	Saint Kitts, Nevis and Anguilla
659	KNA	Saint Kitts and Nevis
660	AIA	Anguilla
662	LCA	Saint Lucia
666	SPM	Saint Pierre and Miquelon
670	VCT	Saint Vincent and the Grenadines
678	STP	Sao Tome and Principe
682	SAU	Saudi Arabia
686	SEN	Senegal
690	SYC	Seychelles
694	SLE	Sierra Leone
698		Sikkim

699	IND	India
706	SOM	Somalia
710	ZAF	South Africa
711	ZAF	So. African Customs Union
716	ZWE	Zimbabwe
717		Fmr Rhodesia Nyas
720	YMD	Fmr Dem. Yemen
732	ESH	Western Sahara
736	SDN	Sudan
740	SUR	Suriname
748	SWZ	Swaziland
757	CHE	Switzerland
760	SYR	Syria
762	TJK	Tajikistan
768	TGO	Togo
772	TKL	Tokelau
776	TON	Tonga
780	TTO	Trinidad and Tobago
784	ARE	United Arab Emirates
788	TUN	Tunisia
792	TUR	Turkey
795	TKM	Turkmenistan
796	TCA	Turks and Caicos Isds
798	TUV	Tuvalu
800	UGA	Uganda
804	UKR	Ukraine
807	MKD	TFYR of Macedonia
810	SUN	Fmr USSR
818	EGY	Egypt
834	TZA	United Rep. of Tanzania
835		Fmr Tanganyika
836		Fmr Zanzibar and Pemba Isd
854	BFA	Burkina Faso
858	URY	Uruguay
860	UZB	Uzbekistan
862	VEN	Venezuela
866	VDR	Fmr Dem. Rep. of Vietnam
868	VNM	Fmr Rep. of Vietnam
876	WLF	Wallis and Futuna Isds
882	WSM	Samoa
886	YEM	Fmr Arab Rep. of Yemen
887	YEM	Yemen
890	YUG	Fmr Yugoslavia
891	YUG	Serbia and Montenegro
894	ZMB	Zambia
(除外した地域・分類)		American Samoa
Excluded Areas/Categories)		Br. Antarctic Terr.
	EU	EU-25
		Caribbean, nes
		Eastern Europe, nes
		Northern Africa, nes
		Guam
		CACM, nes
		Africa CAMEU region, nes
		LAIA, nes
		Europe EU, nes
		Oceania, nes
		Neutral Zone
		Other Eurpe, nes
		Other Africa, nes
		Rest of America, nes
		Europe EFTA, nes
		Bunkers
		Free Zones
		Special Categories
		US Misc. Pacific Isds
		Western Asia, nes
		Areas, nes

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Source: Compiled by the author using UN Statistical Division website documents.

附表3 Classification by Broad Economic Categories (BEC) 一覽表

Table 3. List of Classification by Broad Economic Categories (BEC)

BEC分類 BEC code	說明 Description
Total	Total Trade
1	Food and beverages
11	Primary
111	Mainly for industry
112	Mainly for household consumption
12	Processed
121	Mainly for industry
122	Mainly for household consumption
2	Industrial supplies not elsewhere specified
21	Primary
22	Processed
3	Fuels and lubricants
31	Primary
32	Processed
321	Motor spirit
322	Other
4	Capital goods (except transport equipment), and parts and accessories thereof
41	Capital goods (except for transport equipment)
42	Parts and accessories
5	Transport equipment and parts and accessories thereof
51	Passenger motor cars
52	Other
521	Industrial
522	Non-industrial
53	Parts and accessories
6	Consumer goods not elsewhere specified
61	Durable
62	Semi-durable
63	Non-durable
7	Goods not elsewhere specified

(出所 Source) The World Bank's World Integrated Trade Solution (WITS)

付表4 International Standard Industrial Classification of All Economic Activities (ISIC) Revision3(2桁コード) 一覧表
 Table 4. List of 2-digit code of International Standard Industrial Classification of All Economic Activities (ISIC) Revision 3.

ISIC分類 ISIC Code	説明 Description
01	Agriculture, hunting and related service activities
02	Forestry, logging and related service activities
05	Fishing, operation of fish hatcheries and fish farms; service activities incidental to fishing
10	Mining of coal and lignite; extraction of peat
11	Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction excluding surveying
12	Mining of uranium and thorium ores
13	Mining of metal ores
14	Other mining and quarrying
15	Manufacture of food products and beverages
16	Manufacture of tobacco products
17	Manufacture of textiles
18	Manufacture of wearing apparel; dressing and dyeing of fur
19	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear
20	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
21	Manufacture of paper and paper products
22	Publishing, printing and reproduction of recorded media
23	Manufacture of coke, refined petroleum products and nuclear fuel
24	Manufacture of chemicals and chemical products
25	Manufacture of rubber and plastics products
26	Manufacture of other non-metallic mineral products
27	Manufacture of basic metals
28	Manufacture of fabricated metal products, except machinery and equipment
29	Manufacture of machinery and equipment n.e.c.
30	Manufacture of office, accounting and computing machinery
31	Manufacture of electrical machinery and apparatus n.e.c.
32	Manufacture of radio, television and communication equipment and apparatus
33	Manufacture of medical, precision and optical instruments, watches and clocks
34	Manufacture of motor vehicles, trailers and semi-trailers
35	Manufacture of other transport equipment
36	Manufacture of furniture; manufacturing n.e.c.
37	Recycling
40	Electricity, gas, steam and hot water supply
41	Collection, purification and distribution of water
45	Construction
50	Sale, maintenance and repair of motor vehicles and motorcycles; retail sale of automotive fuel
51	Wholesale trade and commission trade, except of motor vehicles and motorcycles
52	Retail trade, except of motor vehicles and motorcycles; repair of personal and household goods
55	Hotels and restaurants
60	Land transport; transport via pipelines
61	Water transport
62	Air transport
63	Supporting and auxiliary transport activities; activities of travel agencies
64	Post and telecommunications
65	Financial intermediation, except insurance and pension funding
66	Insurance and pension funding, except compulsory social security
67	Activities auxiliary to financial intermediation
70	Real estate activities
71	Renting of machinery and equipment without operator and of personal and household goods
72	Computer and related activities
73	Research and development
74	Other business activities
75	Public administration and defence; compulsory social security
80	Education
85	Health and social work
90	Sewage and refuse disposal, sanitation and similar activities
91	Activities of membership organizations n.e.c.
92	Recreational, cultural and sporting activities
93	Other service activities
95	Private households with employed persons
99	Extra-territorial organizations and bodies

(出所) 国連統計局Webサイトの資料を基に筆者作成。

Source: Compiled by the author using UN Statistical Division website documents.

