

How I obtain the data file for Value Added by Sector in Hong Kong:

(A) For figures from 2000 onwards:

- 1) Go to Table 310-34101 : Gross Domestic Product (GDP) by economic activity at current prices hosted on the website of the Census and Statistics Department, Hong Kong

https://www.censtatd.gov.hk/en/web_table.html?id=310-34101

- 2) Click the button 'Customise Table / More Data'

The screenshot shows the C&SD website interface for Table 310-34101. The browser address bar shows the URL: [censtatd.gov.hk/en/web_table.html?id=310-34101](https://www.censtatd.gov.hk/en/web_table.html?id=310-34101). The page title is 'Table 310-34101 : Gross Domestic Product (GDP) by economic activity at current prices'. Below the title, there are several buttons: 'Full Series', 'Bookmark', 'API', 'Download', and 'Customise Table / More Data'. The 'Customise Table / More Data' button is circled in red. Below the buttons, there is a 'Statistics' section with a table of GDP data. The table has columns for 'Year', 'HK\$ million', '% contribution to GDP', and 'Year-on-year % change'. The table data is as follows:

Year	HK\$ million				% contribution to GDP				Year-on-year % change			
	2019	2020	2021	2022 r	2019	2020	2021	2022 r	2019	2020	2021	2022 r
Economic Activity												
Agriculture, fishing, mining and quarrying	2,057	2,648	2,168	1,486	0.1	0.1	0.1	0.1	+16.7	+28.7	-18.1	-31.5
Manufacturing	29,366	25,525	26,175	26,598	1.1	1.0	1.0	1.0	+6.5	-13.1	+2.5	+1.6
Electricity, gas and water supply, and waste management	34,083	35,325	36,348	32,485	1.2	1.4	1.3	1.2	-4.4	+3.6	+2.9	-10.6
Construction	114,499	104,262	109,254	116,833	4.2	4.1	4.0	4.3	-5.0	-8.9	+4.8	+6.9

- 3) Check / uncheck the boxes as described below:

Under the heading 'Statistics'

- (i) For 'Position': Choose 'Column (Head)'
- (ii) Uncheck 'GDP at current prices - % contribution to GDP' and 'GDP at current prices - Year-on-year % change' (i.e. only retain 'GDP at current prices - HK\$ million')

Under the heading 'Time Series'

- (i) For 'Position': Choose 'Column'
- (ii) For 'Year': Choose 'Specific Years', then check 'All'

Under the heading 'Economic Activity'

- (i) For 'Position': Choose 'Row'
- (ii) Check 'All', then uncheck 'Grand Total/total'

4) Click the button 'Submit'

The screenshot shows the 'Table 310-34101 : Gross Domestic Product (GDP) by economic activity at current prices' page. The 'Customise Table / More Data' panel is open, showing options for 'Statistics' and 'Time Series'. The 'Submit' button is highlighted with a red circle.

Table 310-34101 : Gross Domestic Product (GDP) by economic activity at current prices

Full Series | Bookmark | API | Download

Statistics

Position: ☐ Row (Head) ☐ Row (Subhead) ☒ Column (Head) ☐ Column (Subhead)

☒ GDP at current prices - HK\$ million
☐ GDP at current prices - % contribution to GDP
☐ GDP at current prices - Year-on-year % change

Time Series

Position: ☐ Row ☒ Column

Year

☐ Year Range ☒ Specific Years

☒ 2000 ☒ 2001 ☒ 2002 ☒ 2003

Submit | **Select All** | **Deselect All** | **Default**

5) Click the button 'Download', and save the file in 'XLSX' format

The screenshot shows the 'Table 310-34101 : Gross Domestic Product (GDP) by economic activity at current prices' page. The 'Download' button is highlighted with a red circle, and the 'XLSX' format is selected.

Table 310-34101 : Gross Domestic Product (GDP) by economic activity at current prices

Full Series | Bookmark | API | **Download** | Customise Table / More Data

Statistics

XLSX (excluding symbols in data cells)
CSV (excluding symbols in data cells)
CSV (Tabular format)
XML

Year

2000

Economic Activity

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Culture, fishing, mining and quarrying	1,168	1,182	1,143	945	963	953	947	1,015	925	1,090	948	944	1,015
Manufacturing	61,399	53,575	45,773	39,022	39,468	39,646	39,685	32,365	31,506	28,714	30,410	30,578	30,601

(B) For figures from 1980 to 1999:

- 1) Download the figures by clicking 'past statistics based on HSIC Version 1.1' under 'Notes'.

The screenshot shows a web browser displaying the Census and Statistics Department website. The page title is "C&SD : Table 310-34101 : Gross...". The URL is "censtatd.gov.hk/en/web_table.html?id=310-34101#". The page content includes a table of GDP by economic activity, a "Notes" section, and a "Source" section.

Economic Activity	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Ownership of premises	139,111	143,334	139,416	131,450	126,212	139,118	152,019	158,388	177,915	182,696	184,745	195,005	208,030							

Notes

In Hong Kong, the first released figures on GDP by economic activity in respect of a period are called "preliminary figures". When more data become available, the figures will be revised. All those figures published subsequently, after the preliminary figures, are called "revised figures". These "revised figures" are still subject to further regular revision later on when more data are incorporated. This routine revision is in accordance with the international practice to compile and release GDP figures at the earliest possible time by using only partial data. In general, the figures are finalised when finalised data from all regular sources are incorporated.

The above statistics are compiled based on the Hong Kong Standard Industrial Classification (HSIC) Version 2.0. Users may also download [past statistics based on HSIC Version 1.1](#) for reference.

1 Refers to nominal GDP at basic prices. GDP by economic activity at current prices is presented as the sum of value added of respective economic activities at basic price plus taxes on products plus statistical discrepancy, which is equal to GDP by expenditure component. For data series of taxes on products and statistical discrepancy, please refer to [Table 310-34102](#).

r Revised figure

Source

National Income Section (2)1,
Census and Statistics Department

- 2) To make the comparison by sector between '1980 – 1999' (based on Hong Kong Industrial Classification (HSIC) V1.1) and '2000 – ' (based on Hong Kong Industrial Classification V2.0) more meaningful, I have made various adjustments to the '1980 – 1999' figures as explained in section (C).

(C) Adjustments made to 1980 – 1999 figures:

(I) Transport and storage

What I have: 'Transport and storage'

What I want: 'Land transport', 'Water transport', 'Air transport', 'Warehousing and other transportation services', and 'postal and courier services'

From the reports 'Survey of Transport Establishments' (1980); 'Survey of Transport and Related Services' (1981 – 1994); 'Report on Annual Survey of Transport & Related Services (1995 – 2000), I obtained value added of the following industries:

- i. Land passenger transport
- ii. Land freight transport
- iii. Supporting services to land transport
- iv. Ocean and coastal water transport
- v. Inland water transport
- vi. Supporting services to water transport
- vii. Air transport
- viii. Services incidental to transport

<https://www.censtatd.gov.hk/en/EIndexbySubject.html?pcode=B1080010&scode=340>

From the reports 'Census of Storage, Communications, Financing, Insurance and Business Services - Part I' (1980); 'Survey of Storage, Communications, Financing, Insurance and Business Services' (1982 – 1992); 'Report on Survey of Storage, Communication, Financing, Insurance & Business Services' (1993 – 1994); and 'Report on Annual Surveys of Storage, Communication, Banking, Financing, Insurance and Business Services' (1995 – 2000), I obtained value added of the following industries:

- ix. Storage

<https://www.censtatd.gov.hk/en/EindexbySubject.html?pcode=B1080013&scode=560>

Under the sub-group 'Services incidental to transport', I separated out:

- Travel agency (this industry should be classified to 'business services' under HSIC V2.0)
 - Figures for 1980, 1981, 1996 – 2000 can be found from the reports.
 - Figures for 1982 – 1995 were assumed to be 0.364 of value added of 'services incidental to transport' of the corresponding year (0.364 is the ratio in 1996)
- Air and sea cargo forwarding (this industry should be classified to 'water transport' and 'air transport')
 - Figures for 1980, 1981, 1996 – 2000 can be found from the reports.
 - Figures for 1990 – 1995 were assumed to be 0.60 of value added of 'services incidental to transport' of the corresponding year (0.60 is the ratio in 1996)
 - Figures for 1982 was assumed to be 0.44 of value added of 'services incidental to transport' (0.44 is the ratio in 1982).

- Figures for 1983 – 1989 were then assumed respectively to be 0.46, 0.48, 0.50, 0.52, 0.54, 0.56 and 0.58 of value added of ‘services incidental to transport’ of the year concerned, so that the ratio converged to 0.60 in 1990s.

After subtracting value added of industries (i) – (ix) from the value added of ‘transport and storage’, there is still a residual amount (denoted as R).

Finally, the value added of:

‘Land transport’ = ‘Land passenger transport’ + Land freight transport’
+ ‘Supporting services to land transport’ + 0.96R

‘Water transport’ = ‘Ocean and coastal water transport’ + Inland water transport’
+ ‘Supporting services to water transport’
+ 0.4 × ‘Air and sea cargo forwarding’

‘Air transport’ = ‘Air transport’ + 0.6 × ‘Air and sea cargo forwarding’

‘Warehousing and other transportation services’ = ‘Storage’ + 0.04R

‘Transportation and storage’ = ‘Land transport’ + ‘Water transport’ + ‘Air transport’
+ ‘Warehousing and other transportation services’

For comparison purpose, the derived 2000 figures and the actual 2000 figures published are presented below:

Industry	Derived 2000 figures (HK\$ million)	Actual 2000 published figures (HK\$ million)
Land transport	36,755	37,771
Water transport	24,408	24,053
Air transport	29,125	28,542
Warehousing and other transportation services	1,782	1,758
Transportation and storage	92,070	92,125

(II) **Communications**

What I have: ‘Communications’

What I want: ‘Courier services’ and ‘Telecommunications’

Use the ratios in 2000 of (i) Courier services / (Courier services + Telecommunications); and (ii) Telecommunications / (Courier services + Telecommunications); and apply these ratios to ‘Communications’ to get the 1980 – 1999 figures.

For comparison purpose, the derived 2000 figures and the actual 2000 figures published are presented below:

Industry	Derived 2000 figures (HK\$ million)	Actual 2000 published figures (HK\$ million)
Telecommunications	20,961	20,944
Courier services	5,478	5,473

(III) Other information and communication services

What I have: No such industry breakdowns under old HSIC V1.1

What I want: 'Other information and communication services'

'Other information and communication services' comprises two major industries: information technology related services; and TV/radio broadcasting activities

For information technology services, value added of an industry called 'data processing and tabulation services' can be obtained from the reports 'Census of Storage, Communications, Financing, Insurance and Business Services - Part I' (1980); 'Survey of Storage, Communications, Financing, Insurance and Business Services' (1982 – 1992); 'Report on Survey of Storage, Communication, Financing, Insurance & Business Services' (1993 – 1994); and 'Report on Annual Surveys of Storage, Communication, Banking, Financing, Insurance and Business Services' (1995 – 2000).

<https://www.censtatd.gov.hk/en/EindexbySubject.html?pcode=B1080013&scode=560>

For TV/radio broadcasting activities, they are classified under 'community, social and personal services' in the old HSIC V1.1. It is assumed that value added of TV/radio broadcasting activities is 6% of value added of 'community, social and personal services' under HSIC V1.1

For comparison purpose, the derived 2000 figures and the actual 2000 figures published are presented below:

Industry	Derived 2000 figures (HK\$ million)	Actual 2000 published figures (HK\$ million)
Other information and communication services	20,525	21,927

(IV) Business services

Consequential to the moving of 'travel agency' from 'transport and storage' to 'business services'; and the moving of 'data processing and tabulation services' from 'business services' to 'other information and communication services', the business services under HSIC V1.1 can be converted to 'professional and business services' under HSIC V2.0 by:

Professional and business services = 'Business services' + 'Travel agency'
 - 'Data processing and tabulation services'

For comparison purpose, the derived 2000 figures and the actual 2000 figures published are presented below:

Industry	Derived 2000 figures (HK\$ million)	Actual 2000 published figures (HK\$ million)
Professional and business services	54,555	53,810

(V) Public administration; Social and personal services

Consequential to the moving of TV/radio broadcasting activities from 'community, social and personal services' under HSIC V1.1 to 'other information and communication services' under HSIC V2.0, 'community, social and personal services' under HSIC V1.1 can be converted to 'public administration, social and personal services' under HSIC V2.0 by:

Public administration, social and personal services
 = 'Community, social and personal services' – TV/radio broadcasting activities

To further separate 'public administration, social and personal services' into 'public administration' and 'social and personal services':

For 1991 – 2000, 'public administration' = 'community, social and personal services'
 × ratio of 'public administration' to 'public
 administration, social and personal services'
 in 2000

For 1980 – 1990, 'public administration' = Compensation of employees under 'Government
 Consumption Expenditure (GCE)' / 0.851

(0.851 is the ratio of compensation of employees
 under GCE to value added of public administration
 in 2000)

'Social and personal services' = 'Public administration, social and personal services'
 - 'Public administration'

For comparison purpose, the derived 2000 figures and the actual 2000 figures published are presented below:

Industry	Derived 2000 figures (HK\$ million)	Actual 2000 published figures (HK\$ million)
Public administration	109,185	112,027
Social and personal services	128,063	131,396