



MONASH University

Information Technology

程序代写代做 CS编程辅导

FIT1006



Business Information Analysis

WeChat: cstutorcs

Assignment Project Exam Help

Lecture 13 (Part 2)

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

Index Numbers

QQ: 749389476

<https://tutorcs.com>

# Topics covered:

程序代写代做 CS编程辅导 Done last week



- Simple indices – a problem with these
- Aggregate indices – Laspeyres, Paasche and Fisher
- Changing the base of an index
- Chaining indices

WeChat: cstutorcs

Assignment Project Exam Help

- The Consumer Price Index (CPI)

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

QQ: 749389476

Will look at this today

<https://tutorcs.com>

程序代写代做 CS编程辅导

# Class exercise in groups

The prices of certain commodities and quantities consumed per month are given for 1992 and 2010. Calculate the Fisher's Ideal Price Index.



Item	Quantity 1992	Quantity 2010	Cost 1992	Cost 2010
A	3	4	4.00	5.00
B	2	1	20.00	40.00

WeChat: cstutorcs

Assignment Project Exam Help

$$I_{0,t}^{LP} = \frac{\sum p_t q_t}{\sum p_0 q_t} \times 100$$

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

$$I_{0,t}^{PP} = \frac{\sum p_t q_t}{\sum p_0 q_t} \times 100$$

QQ: 749389476  
<https://tutorcs.com>

$$I_{0,t}^{FP} = \sqrt{I_{0,t}^{LP} \times I_{0,t}^{PP}}$$

<https://flux.qa>

程序代写代做CS编程辅导  
(Feed code: SJ6KGV)

## Question 4

The prices of certain commodities and the quantities consumed per month are given for 1992 and 2010.



Item	Quantity 1992	Quantity 2010	Cost 1992	Cost 2010
A	3	4	4.00	5.00
B	2	1	20.00	40.00

The Laspeyres calculation is

- A.  $(3 \times 4 + 2 \times 20) / (3 \times 5 + 2 \times 40)$
- B.  $(3 \times 5 + 2 \times 40) / (3 \times 4 + 2 \times 20)$
- C.  $(4 \times 4 + 1 \times 20) / (4 \times 5 + 1 \times 40)$
- D.  $(4 \times 5 + 1 \times 40) / (4 \times 4 + 1 \times 20)$

$$I_{0,t}^{LP} = \frac{\sum q_0 p_t}{\sum q_0 p_0} 100$$

<https://flux.qa> 程序代写代做CS编程辅导 (Feed code: SJ6KGV)

## Question 5

The prices of certain commodities and the quantities consumed per month are given for 1992 and 2010.



Item	Quantity 1992	Quantity 2010	Cost 1992	Cost 2010
A	3	4	4.00	5.00
B	2	1	20.00	40.00

The Paasche calculation is

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

A.  $(3 \times 4 + 2 \times 20) / (3 \times 5 + 2 \times 40)$

B.  $(3 \times 5 + 2 \times 40) / (3 \times 4 + 2 \times 20)$

C.  $(4 \times 4 + 1 \times 20) / (4 \times 5 + 1 \times 40)$

D.  $(4 \times 5 + 1 \times 40) / (4 \times 4 + 1 \times 20)$

$$I_{0,t}^{PP} = \frac{\sum q_t p_t}{\sum q_t p_0} 100$$

程序代写代做 CS编程辅导

# Class exercise in groups... answers

The prices of certain commodities and the quantities consumed per month are given for 1992 and 2010. Calculate the Fisher's Ideal Price Index.



Item	Quantity 1992	Quantity 2010	Cost 1992	Cost 2010
A	3	4	4.00	5.00
B	2	1	20.00	40.00

WeChat: cstutorcs

$$I_{0,t}^{LP} = \frac{\sum q_0 p_t}{\sum q_0 p_0} 100$$

$$I_{0,t}^{PP} = \frac{\sum q_t p_t}{\sum q_t p_0} 100$$

$$I_{0,t}^{FP} = \sqrt{I_{0,t}^{LP} \times I_{0,t}^{PP}}$$

Assignment Project Exam Help

Email: [tutores@163.com](mailto:tutores@163.com)

QQ: 749389476

<https://tutorcs.com>

Laspeyres	Num	95
	Den	52
	Index	1.827
Paasche	Num	60
	Den	36
	Index	1.667
Fisher		1.745

程序代写代做 CS编程辅导

# The Consumer Price Index



- The Australian Consumer Price Index is a general indicator of the change in prices paid by household consumers for the goods and services they buy.

WeChat: cstutorcs

- The CPI measures the changes in the cost of living, not absolute costs. Note the new series (16<sup>th</sup>) now reports costs

Assignment Project Exam Help

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

- The CPI is also used as an index for many wage agreements, pensions and rental costs etc.

QQ: 749389476

<https://tutorcs.com>

程序代写代做 CS编程辅导

# Composition of the CPI



- The CPI is composed of a basket of goods and services with weights based on per capita household expenditure in each of the capital cities.
- The prices of goods and services are collected at regular intervals at across a range of outlets in order to obtain indicative values for goods with volatile prices (such as fruit and vegetables, petrol etc.)
- The prices are also collected in each of the major cities, and the index is then weighted for the population proportion in each city.
- Prior to 2018, the composition of the CPI is reviewed every 5 years or so to reflect changing consumption patterns. Since 2018, it's now done annually.

WeChat: cstutorcs

Assignment Project Exam Help

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

QQ: 749389476

<https://tutorcs.com>



Latest release (March 2021)

<https://www.abs.gov.au/statistics/economy/price-indexes-and-inflation/consumer-price-index-australia/latest-release>

程序代写代做 CS编程辅导

# Reading the CPI



## ■ Cover/Front

- Shows highlights, Trends, Changes in indices, Treasury's estimate of inflation.

WeChat: cstutorcs

## ■ All groups index numbers

- Shows the all groups indices for each of the capital cities. This shows the movement of the price index over a period of years.

Assignment Project Exam Help

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

## ■ Changes in groups

QQ: 749389476

## ■ Composition of groups

<https://tutorcs.com>

程序代写代做 CS编程辅导

# Motivating Problem



- Petrol cost, on average, was \$1.30 cents per litre in Melbourne in 2007.
- What should the average price of petrol be now to maintain parity with the 2007 price?
- Chain index at 2011 – 12 and use Dec 2011 and Dec 2015 index values in Melbourne.

WeChat: cstutorcs

Assignment Project Exam Help

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

QQ: 749389476

$$\text{\$1.30} * 176.8 / 100 = \text{\$2.30} \\ \text{\$2.30} * 108.3 / 100 = \text{\$2.49} \\ \text{\$2.49} * 108.3 / 100 = \text{\$2.69} \\ \text{\$2.69} * 108.3 / 100 = \text{\$2.91} \\ \text{\$2.91} * 108.3 / 100 = \text{\$3.15} \\ \text{\$3.15} * 108.3 / 100 = \text{\$3.41} \\ \text{\$3.41} * 108.3 / 100 = \text{\$3.69} \\ \text{\$3.69} * 108.3 / 100 = \text{\$4.00} \\ \text{\$4.00} * 108.3 / 100 = \text{\$4.33} \\ \text{\$4.33} * 108.3 / 100 = \text{\$4.69} \\ \text{\$4.69} * 108.3 / 100 = \text{\$5.08} \\ \text{\$5.08} * 108.3 / 100 = \text{\$5.50} \\ \text{\$5.50} * 108.3 / 100 = \text{\$5.96} \\ \text{\$5.96} * 108.3 / 100 = \text{\$6.45} \\ \text{\$6.45} * 108.3 / 100 = \text{\$6.98} \\ \text{\$6.98} * 108.3 / 100 = \text{\$7.55} \\ \text{\$7.55} * 108.3 / 100 = \text{\$8.17} \\ \text{\$8.17} * 108.3 / 100 = \text{\$8.84} \\ \text{\$8.84} * 108.3 / 100 = \text{\$9.56} \\ \text{\$9.56} * 108.3 / 100 = \text{\$10.34} \\ \text{\$10.34} * 108.3 / 100 = \text{\$11.19} \\ \text{\$11.19} * 108.3 / 100 = \text{\$12.11} \\ \text{\$12.11} * 108.3 / 100 = \text{\$13.11} \\ \text{\$13.11} * 108.3 / 100 = \text{\$14.19} \\ \text{\$14.19} * 108.3 / 100 = \text{\$15.36} \\ \text{\$15.36} * 108.3 / 100 = \text{\$16.63} \\ \text{\$16.63} * 108.3 / 100 = \text{\$18.00} \\ \text{\$18.00} * 108.3 / 100 = \text{\$19.47} \\ \text{\$19.47} * 108.3 / 100 = \text{\$21.04} \\ \text{\$21.04} * 108.3 / 100 = \text{\$22.71} \\ \text{\$22.71} * 108.3 / 100 = \text{\$24.48} \\ \text{\$24.48} * 108.3 / 100 = \text{\$26.35} \\ \text{\$26.35} * 108.3 / 100 = \text{\$28.32} \\ \text{\$28.32} * 108.3 / 100 = \text{\$30.40} \\ \text{\$30.40} * 108.3 / 100 = \text{\$32.58} \\ \text{\$32.58} * 108.3 / 100 = \text{\$34.86} \\ \text{\$34.86} * 108.3 / 100 = \text{\$37.34} \\ \text{\$37.34} * 108.3 / 100 = \text{\$40.02} \\ \text{\$40.02} * 108.3 / 100 = \text{\$42.90} \\ \text{\$42.90} * 108.3 / 100 = \text{\$46.00} \\ \text{\$46.00} * 108.3 / 100 = \text{\$49.32} \\ \text{\$49.32} * 108.3 / 100 = \text{\$52.87} \\ \text{\$52.87} * 108.3 / 100 = \text{\$56.67} \\ \text{\$56.67} * 108.3 / 100 = \text{\$60.73} \\ \text{\$60.73} * 108.3 / 100 = \text{\$65.07} \\ \text{\$65.07} * 108.3 / 100 = \text{\$69.70} \\ \text{\$69.70} * 108.3 / 100 = \text{\$74.64} \\ \text{\$74.64} * 108.3 / 100 = \text{\$80.00} \\ \text{\$80.00} * 108.3 / 100 = \text{\$85.68} \\ \text{\$85.68} * 108.3 / 100 = \text{\$91.70} \\ \text{\$91.70} * 108.3 / 100 = \text{\$98.17} \\ \text{\$98.17} * 108.3 / 100 = \text{\$105.10} \\ \text{\$105.10} * 108.3 / 100 = \text{\$112.50} \\ \text{\$112.50} * 108.3 / 100 = \text{\$120.37} \\ \text{\$120.37} * 108.3 / 100 = \text{\$128.73} \\ \text{\$128.73} * 108.3 / 100 = \text{\$137.59} \\ \text{\$137.59} * 108.3 / 100 = \text{\$146.97} \\ \text{\$146.97} * 108.3 / 100 = \text{\$156.87} \\ \text{\$156.87} * 108.3 / 100 = \text{\$167.30} \\ \text{\$167.30} * 108.3 / 100 = \text{\$178.28} \\ \text{\$178.28} * 108.3 / 100 = \text{\$189.82} \\ \text{\$189.82} * 108.3 / 100 = \text{\$201.94} \\ \text{\$201.94} * 108.3 / 100 = \text{\$214.64} \\ \text{\$214.64} * 108.3 / 100 = \text{\$227.94} \\ \text{\$227.94} * 108.3 / 100 = \text{\$241.85} \\ \text{\$241.85} * 108.3 / 100 = \text{\$256.38} \\ \text{\$256.38} * 108.3 / 100 = \text{\$271.54} \\ \text{\$271.54} * 108.3 / 100 = \text{\$287.34} \\ \text{\$287.34} * 108.3 / 100 = \text{\$303.79} \\ \text{\$303.79} * 108.3 / 100 = \text{\$320.90} \\ \text{\$320.90} * 108.3 / 100 = \text{\$338.68} \\ \text{\$338.68} * 108.3 / 100 = \text{\$357.14} \\ \text{\$357.14} * 108.3 / 100 = \text{\$376.39} \\ \text{\$376.39} * 108.3 / 100 = \text{\$396.44} \\ \text{\$396.44} * 108.3 / 100 = \text{\$417.40} \\ \text{\$417.40} * 108.3 / 100 = \text{\$439.28} \\ \text{\$439.28} * 108.3 / 100 = \text{\$462.09} \\ \text{\$462.09} * 108.3 / 100 = \text{\$485.84} \\ \text{\$485.84} * 108.3 / 100 = \text{\$509.54} \\ \text{\$509.54} * 108.3 / 100 = \text{\$534.20} \\ \text{\$534.20} * 108.3 / 100 = \text{\$558.83} \\ \text{\$558.83} * 108.3 / 100 = \text{\$584.44} \\ \text{\$584.44} * 108.3 / 100 = \text{\$610.04} \\ \text{\$610.04} * 108.3 / 100 = \text{\$636.64} \\ \text{\$636.64} * 108.3 / 100 = \text{\$663.25} \\ \text{\$663.25} * 108.3 / 100 = \text{\$690.87} \\ \text{\$690.87} * 108.3 / 100 = \text{\$718.51} \\ \text{\$718.51} * 108.3 / 100 = \text{\$747.17} \\ \text{\$747.17} * 108.3 / 100 = \text{\$776.86} \\ \text{\$776.86} * 108.3 / 100 = \text{\$807.59} \\ \text{\$807.59} * 108.3 / 100 = \text{\$839.36} \\ \text{\$839.36} * 108.3 / 100 = \text{\$872.18} \\ \text{\$872.18} * 108.3 / 100 = \text{\$906.06} \\ \text{\$906.06} * 108.3 / 100 = \text{\$941.00} \\ \text{\$941.00} * 108.3 / 100 = \text{\$977.01} \\ \text{\$977.01} * 108.3 / 100 = \text{\$1014.10} \\ \text{\$1014.10} * 108.3 / 100 = \text{\$1052.28} \\ \text{\$1052.28} * 108.3 / 100 = \text{\$1091.56} \\ \text{\$1091.56} * 108.3 / 100 = \text{\$1132.05} \\ \text{\$1132.05} * 108.3 / 100 = \text{\$1173.75} \\ \text{\$1173.75} * 108.3 / 100 = \text{\$1216.67} \\ \text{\$1216.67} * 108.3 / 100 = \text{\$1260.82} \\ \text{\$1260.82} * 108.3 / 100 = \text{\$1307.21} \\ \text{\$1307.21} * 108.3 / 100 = \text{\$1354.85} \\ \text{\$1354.85} * 108.3 / 100 = \text{\$1403.75} \\ \text{\$1403.75} * 108.3 / 100 = \text{\$1453.92} \\ \text{\$1453.92} * 108.3 / 100 = \text{\$1505.37} \\ \text{\$1505.37} * 108.3 / 100 = \text{\$1558.10} \\ \text{\$1558.10} * 108.3 / 100 = \text{\$1612.13} \\ \text{\$1612.13} * 108.3 / 100 = \text{\$1667.46} \\ \text{\$1667.46} * 108.3 / 100 = \text{\$1724.10} \\ \text{\$1724.10} * 108.3 / 100 = \text{\$1782.05} \\ \text{\$1782.05} * 108.3 / 100 = \text{\$1841.33} \\ \text{\$1841.33} * 108.3 / 100 = \text{\$1901.94} \\ \text{\$1901.94} * 108.3 / 100 = \text{\$1963.89} \\ \text{\$1963.89} * 108.3 / 100 = \text{\$2027.18} \\ \text{\$2027.18} * 108.3 / 100 = \text{\$2092.82} \\ \text{\$2092.82} * 108.3 / 100 = \text{\$2160.82} \\ \text{\$2160.82} * 108.3 / 100 = \text{\$2231.18} \\ \text{\$2231.18} * 108.3 / 100 = \text{\$2303.90} \\ \text{\$2303.90} * 108.3 / 100 = \text{\$2378.99} \\ \text{\$2378.99} * 108.3 / 100 = \text{\$2456.46} \\ \text{\$2456.46} * 108.3 / 100 = \text{\$2536.41} \\ \text{\$2536.41} * 108.3 / 100 = \text{\$2618.84} \\ \text{\$2618.84} * 108.3 / 100 = \text{\$2703.75} \\ \text{\$2703.75} * 108.3 / 100 = \text{\$2791.15} \\ \text{\$2791.15} * 108.3 / 100 = \text{\$2881.05} \\ \text{\$2881.05} * 108.3 / 100 = \text{\$2973.46} \\ \text{\$2973.46} * 108.3 / 100 = \text{\$3068.38} \\ \text{\$3068.38} * 108.3 / 100 = \text{\$3165.82} \\ \text{\$3165.82} * 108.3 / 100 = \text{\$3265.89} \\ \text{\$3265.89} * 108.3 / 100 = \text{\$3368.59} \\ \text{\$3368.59} * 108.3 / 100 = \text{\$3473.93} \\ \text{\$3473.93} * 108.3 / 100 = \text{\$3581.92} \\ \text{\$3581.92} * 108.3 / 100 = \text{\$3692.57} \\ \text{\$3692.57} * 108.3 / 100 = \text{\$3805.89} \\ \text{\$3805.89} * 108.3 / 100 = \text{\$3921.89} \\ \text{\$3921.89} * 108.3 / 100 = \text{\$4040.58} \\ \text{\$4040.58} * 108.3 / 100 = \text{\$4161.97} \\ \text{\$4161.97} * 108.3 / 100 = \text{\$4286.07} \\ \text{\$4286.07} * 108.3 / 100 = \text{\$4412.88} \\ \text{\$4412.88} * 108.3 / 100 = \text{\$4542.41} \\ \text{\$4542.41} * 108.3 / 100 = \text{\$4674.67} \\ \text{\$4674.67} * 108.3 / 100 = \text{\$4809.67} \\ \text{\$4809.67} * 108.3 / 100 = \text{\$4947.42} \\ \text{\$4947.42} * 108.3 / 100 = \text{\$5087.93} \\ \text{\$5087.93} * 108.3 / 100 = \text{\$5231.21} \\ \text{\$5231.21} * 108.3 / 100 = \text{\$5377.27} \\ \text{\$5377.27} * 108.3 / 100 = \text{\$5526.12} \\ \text{\$5526.12} * 108.3 / 100 = \text{\$5677.77} \\ \text{\$5677.77} * 108.3 / 100 = \text{\$5832.23} \\ \text{\$5832.23} * 108.3 / 100 = \text{\$5989.60} \\ \text{\$5989.60} * 108.3 / 100 = \text{\$6149.89} \\ \text{\$6149.89} * 108.3 / 100 = \text{\$6313.10} \\ \text{\$6313.10} * 108.3 / 100 = \text{\$6479.23} \\ \text{\$6479.23} * 108.3 / 100 = \text{\$6648.29} \\ \text{\$6648.29} * 108.3 / 100 = \text{\$6820.38} \\ \text{\$6820.38} * 108.3 / 100 = \text{\$6995.50} \\ \text{\$6995.50} * 108.3 / 100 = \text{\$7173.65} \\ \text{\$7173.65} * 108.3 / 100 = \text{\$7354.84} \\ \text{\$7354.84} * 108.3 / 100 = \text{\$7539.07} \\ \text{\$7539.07} * 108.3 / 100 = \text{\$7726.35} \\ \text{\$7726.35} * 108.3 / 100 = \text{\$7916.68} \\ \text{\$7916.68} * 108.3 / 100 = \text{\$8110.06} \\ \text{\$8110.06} * 108.3 / 100 = \text{\$8306.49} \\ \text{\$8306.49} * 108.3 / 100 = \text{\$8505.97} \\ \text{\$8505.97} * 108.3 / 100 = \text{\$8708.50} \\ \text{\$8708.50} * 108.3 / 100 = \text{\$8914.08} \\ \text{\$8914.08} * 108.3 / 100 = \text{\$9122.71} \\ \text{\$9122.71} * 108.3 / 100 = \text{\$9334.39} \\ \text{\$9334.39} * 108.3 / 100 = \text{\$9549.12} \\ \text{\$9549.12} * 108.3 / 100 = \text{\$9766.90} \\ \text{\$9766.90} * 108.3 / 100 = \text{\$9987.73} \\ \text{\$9987.73} * 108.3 / 100 = \text{\$10211.71} \\ \text{\$10211.71} * 108.3 / 100 = \text{\$10438.94} \\ \text{\$10438.94} * 108.3 / 100 = \text{\$10669.42} \\ \text{\$10669.42} * 108.3 / 100 = \text{\$10903.15} \\ \text{\$10903.15} * 108.3 / 100 = \text{\$11140.13} \\ \text{\$11140.13} * 108.3 / 100 = \text{\$11379.46} \\ \text{\$11379.46} * 108.3 / 100 = \text{\$11622.04} \\ \text{\$11622.04} * 108.3 / 100 = \text{\$11867.87} \\ \text{\$11867.87} * 108.3 / 100 = \text{\$12116.95} \\ \text{\$12116.95} * 108.3 / 100 = \text{\$12369.28} \\ \text{\$12369.28} * 108.3 / 100 = \text{\$12624.85} \\ \text{\$12624.85} * 108.3 / 100 = \text{\$12883.66} \\ \text{\$12883.66} * 108.3 / 100 = \text{\$13145.71} \\ \text{\$13145.71} * 108.3 / 100 = \text{\$13410.00} \\ \text{\$13410.00} * 108.3 / 100 = \text{\$13677.53} \\ \text{\$13677.53} * 108.3 / 100 = \text{\$13948.30} \\ \text{\$13948.30} * 108.3 / 100 = \text{\$14222.31} \\ \text{\$14222.31} * 108.3 / 100 = \text{\$14500.56} \\ \text{\$14500.56} * 108.3 / 100 = \text{\$14782.05} \\ \text{\$14782.05} * 108.3 / 100 = \text{\$15066.78} \\ \text{\$15066.78} * 108.3 / 100 = \text{\$15354.75} \\ \text{\$15354.75} * 108.3 / 100 = \text{\$15645.96} \\ \text{\$15645.96} * 108.3 / 100 = \text{\$15940.40} \\ \text{\$15940.40} * 108.3 / 100 = \text{\$16238.07} \\ \text{\$16238.07} * 108.3 / 100 = \text{\$16538.97} \\ \text{\$16538.97} * 108.3 / 100 = \text{\$16843.10} \\ \text{\$16843.10} * 108.3 / 100 = \text{\$17150.45} \\ \text{\$17150.45} * 108.3 / 100 = \text{\$17460.92} \\ \text{\$17460.92} * 108.3 / 100 = \text{\$17774.51} \\ \text{\$17774.51} * 108.3 / 100 = \text{\$18091.21} \\ \text{\$18091.21} * 108.3 / 100 = \text{\$18411.02} \\ \text{\$18411.02} * 108.3 / 100 = \text{\$18733.93} \\ \text{\$18733.93} * 108.3 / 100 = \text{\$19058.94} \\ \text{\$19058.94} * 108.3 / 100 = \text{\$19387.05} \\ \text{\$19387.05} * 108.3 / 100 = \text{\$19718.26} \\ \text{\$19718.26} * 108.3 / 100 = \text{\$20052.57} \\ \text{\$20052.57} * 108.3 / 100 = \text{\$20390.00} \\ \text{\$20390.00} * 108.3 / 100 = \text{\$20730.54} \\ \text{\$20730.54} * 108.3 / 100 = \text{\$21073.20} \\ \text{\$21073.20} * 108.3 / 100 = \text{\$21418.97} \\ \text{\$21418.97} * 108.3 / 100 = \text{\$21766.85} \\ \text{\$21766.85} * 108.3 / 100 = \text{\$22116.84} \\ \text{\$22116.84} * 108.3 / 100 = \text{\$22468.94} \\ \text{\$22468.94} * 108.3 / 100 = \text{\$22823.15} \\ \text{\$22823.15} * 108.3 / 100 = \text{\$23179.46} \\ \text{\$23179.46} * 108.3 / 100 = \text{\$23537.87} \\ \text{\$23537.87} * 108.3 / 100 = \text{\$23898.38} \\ \text{\$23898.38} * 108.3 / 100 = \text{\$24260.99} \\ \text{\$24260.99} * 108.3 / 100 = \text{\$24625.70} \\ \text{\$24625.70} * 108.3 / 100 = \text{\$25092.51} \\ \text{\$25092.51} * 108.3 / 100 = \text{\$25561.42} \\ \text{\$25561.42} * 108.3 / 100 = \text{\$26032.43} \\ \text{\$26032.43} * 108.3 / 100 = \text{\$26505.54} \\ \text{\$26505.54} * 108.3 / 100 = \text{\$26980.75} \\ \text{\$26980.75} * 108.3 / 100 = \text{\$27458.06} \\ \text{\$27458.06} * 108.3 / 100 = \text{\$27937.47} \\ \text{\$27937.47} * 108.3 / 100 = \text{\$28418.98} \\ \text{\$28418.98} * 108.3 / 100 = \text{\$28902.59} \\ \text{\$28902.59} * 108.3 / 100 = \text{\$29388.30} \\ \text{\$29388.30} * 108.3 / 100 = \text{\$29876.11} \\ \text{\$29876.11} * 108.3 / 100 = \text{\$30366.02} \\ \text{\$30366.02} * 108.3 / 100 = \text{\$30858.03} \\ \text{\$30858.03} * 108.3 / 100 = \text{\$31352.14} \\ \text{\$31352.14} * 108.3 / 100 = \text{\$31849.35} \\ \text{\$31849.35} * 108.3 / 100 = \text{\$32348.66} \\ \text{\$32348.66} * 108.3 / 100 = \text{\$32850.07} \\ \text{\$32850.07} * 108.3 / 100 = \text{\$33353.58} \\ \text{\$33353.58} * 108.3 / 100 = \text{\$33859.19} \\ \text{\$33859.19} * 108.3 / 100 = \text{\$34366.90} \\ \text{\$34366.90} * 108.3 / 100 = \text{\$34876.71} \\ \text{\$34876.71} * 108.3 / 100 = \text{\$35388.62} \\ \text{\$35388.62} * 108.3 / 100 = \text{\$35892.63} \\ \text{\$35892.63} * 108.3 / 100 = \text{\$36398.74} \\ \text{\$36398.74} * 108.3 / 100 = \text{\$36906.95} \\ \text{\$36906.95} * 108.3 / 100 = \text{\$37417.26} \\ \text{\$37417.26} * 108.3 / 100 = \text{\$37929.67} \\ \text{\$37929.67} * 108.3 / 100 = \text{\$38443.18} \\ \text{\$38443.18} * 108.3 / 100 = \text{\$38958.79} \\ \text{\$38958.79} * 108.3 / 100 = \text{\$39476.50} \\ \text{\$39476.50} * 108.3 / 100 = \text{\$39996.31} \\ \text{\$39996.31} * 108.3 / 100 = \text{\$40518.22} \\ \text{\$40518.22} * 108.3 / 100 = \text{\$41042.23} \\ \text{\$41042.23} * 108.3 / 100 = \text{\$41568.34} \\ \text{\$41568.34} * 108.3 / 100 = \text{\$42096.55} \\ \text{\$42096.55} * 108.3 / 100 = \text{\$42626.86} \\ \text{\$42626.86} * 108.3 / 100 = \text{\$43159.27} \\ \text{\$43159.27} * 108.3 / 100 = \text{\$43693.78} \\ \text{\$43693.78} * 108.3 / 100 = \text{\$44230.39} \\ \text{\$44230.39} * 108.3 / 100 = \text{\$44769.10} \\ \text{\$44769.10} * 108.3 / 100 = \text{\$45310.01} \\ \text{\$45310.01} * 108.3 / 100 = \text{\$45853.12} \\ \text{\$45853.12} * 108.3 / 100 = \text{\$46398.43} \\ \text{\$46398.43} * 108.3 / 100 = \text{\$46945.94} \\ \text{\$46945.94} * 108.3 / 100 = \text{\$47495.65} \\ \text{\$47495.65} * 108.3 / 100 = \text{\$48047.56} \\ \text{\$48047.56} * 108.3 / 100 = \text{\$48601.67} \\ \text{\$48601.67} * 108.3 / 100 = \text{\$49157.98} \\ \text{\$49157.98} * 108.3 / 100 = \text{\$49716.49} \\ \text{\$49716.49} * 108.3 / 100 = \text{\$50277.20} \\ \text{\$50277.20} * 108.3 / 100 = \text{\$50840.11} \\ \text{\$50840.11} * 108.3 / 100 = \text{\$51405.22} \\ \text{\$51405.22} * 108.3 / 100 = \text{\$51972.53} \\ \text{\$51972.53} * 108.3 / 100 = \text{\$52542.04} \\ \text{\$52542.04} * 108.3 / 100 = \text{\$53113.75} \\ \text{\$53113.75} * 108.3 / 100 = \text{\$53687.66} \\ \text{\$53687.66} * 108.3 / 100 = \text{\$54263.77} \\ \text{\$54263.77} * 108.3 / 100 = \text{\$54842.08} \\ \text{\$54842.08} * 108.3 / 100 = \text{\$55422.59} \\ \text{\$55422.59} * 108.3 / 100 = \text{\$56005.30} \\ \text{\$56005.30} * 108.3 / 100 = \text{\$56590.21} \\ \text{\$56590.21} * 108.3 / 100 = \text{\$57177.32} \\ \text{\$57177.32} * 108.3 / 100 = \text{\$57766.63} \\ \text{\$57766.63} * 108.3 / 100 = \text{\$58358.14} \\ \text{\$58358.14} * 108.3 / 100 = \text{\$58951.85} \\ \text{\$58951.85} * 108.3 / 100 = \text{\$59547.76} \\ \text{\$59547.76} * 108.3 / 100 = \text{\$60145.87} \\ \text{\$60145.87} * 108.3 / 100 = \text{\$60746.18} \\ \text{\$60746.18} * 108.3 / 100 = \text{\$61348.69} \\ \text{\$61348.69} * 108.3 / 100 = \text{\$61953.40} \\ \text{\$61953.40} * 108.3 / 100 = \text{\$62560.31} \\ \text{\$62560.31} * 108.3 / 100 = \text{\$63169.42} \\ \text{\$63169.42} * 108.3 / 100 = \text{\$63780.73} \\ \text{\$63780.73} * 108.3 / 100 = \text{\$64394.24} \\ \text{\$64394.24} * 108.3 / 100 = \text{\$65009.95} \\ \text{\$65009.95} * 108.3 / 100 = \text{\$65627.86} \\ \text{\$65627.86} * 108.3 / 100 = \text{\$66247.97} \\ \text{\$66247.97} * 108.3 / 100 = \text{\$66870.28} \\ \text{\$66870.28} * 108.3 / 100 = \text{\$67494.79} \\ \text{\$67494.79} * 108.3 / 100 = \text{\$68121.50} \\ \text{\$68121.50} * 108.3 / 100 = \text{\$68750.41} \\ \text{\$68750.41} * 108.3 / 100 = \text{\$69381.52} \\ \text{\$69381.52} * 108.3 / 100 = \text{\$69914.83} \\ \text{\$69914.83} * 108.3 / 100 = \text{\$70550.34} \\ \text{\$70550.34} * 108.3 / 100 = \text{\$71188.05} \\ \text{\$71188.05} * 108.3 / 100 = \text{\$71827.96} \\ \text{\$71827.96} * 108.3 / 100 = \text{\$72470.07} \\ \text{\$72470.07} * 108.3 / 100 = \text{\$73114.38} \\ \text{\$73114.38} * 108.3 / 100 = \text{\$73760.89} \\ \text{\$73760.89} * 108.3 / 100 = \text{\$74409.60} \\ \text{\$74409.60} * 108.3 / 100 = \text{\$75060.51} \\ \text{\$75060.51} * 108.3 / 100 = \text{\$75713.62} \\ \text{\$75713.$$

# Some old data ... CPI (All groups)

程序代写代做 CS编程辅导

1

ALL GROUPS CPI, Index number



1

ALL GROUPS CPI, Index numbers(a)

$$\$1.30 * 176.8 / 100 = \$1.56$$

Period	Sydney	Melbourne	Brisbane	Adelaide
2007-08	160.9	159.6	164.8	163.4
2008-09	165.8	164.1	171.0	169.7
2009-10	169.7	167.5	175.5	173.4
2010-11	174.8	173.0	181.4	178.9
2007				
December	159.5	158.5	163.4	163.1
2008				
March	161.7	160.6	165.6	165.5
June	164.1	162.5	168.4	167.6
September	165.9	164.4	170.8	169.5
December	165.5	163.5	170.4	169.3
2009				
March	165.6	163.9	170.8	169.3
June	166.3	164.4	171.8	170.3
September	168.1	165.4	174.1	172.4
December	169.1	166.4	174.7	172.7
2010				
March	170.5	168.5	176.0	173.7
June	171.1	169.5	177.3	175.5
September	172.5	170.5	179.1	176.6
December	173.1	171.5	180.0	177.1
2011				
March	175.9	174.4	182.3	180.0
June	177.6	175.6	184.1	181.8
September	178.8	176.7	184.7	183.6
December	178.7	176.8	184.4	183.5

Period	Sydney	Melbourne	Brisbane	Adelaide	Perth
2011-12	100.0	100.0	100.0	100.0	100.0
2012-13	102.6	102.2	102.0	102.1	102.2
2013-14	105.2	105.0	104.9	104.7	105.3
2014-15	107.3	106.5	106.8	106.3	107.2
2011					
December	99.8	99.8	99.7	100.0	99.8
2012					
March	99.9	99.9	99.9	99.9	100.0
June	100.5	100.4	100.5	100.2	100.5
September	102.2	101.6	101.6	101.7	101.6
December	102.3	102.0	101.9	102.1	101.9
2013					
March	102.7	102.4	102.0	102.1	102.4
June	103.1	102.6	102.5	102.3	103.0
September	104.3	104.0	103.8	103.7	104.2
December	105.0	104.8	104.6	104.4	104.9
2014					
March	105.6	105.3	105.2	105.1	105.6
June	106.0	105.9	105.8	105.5	106.4
September	106.6	106.1	106.5	105.9	106.9
December	106.8	106.3	106.7	106.2	107.0
2015					
March	107.3	106.4	106.7	106.3	107.1
June	108.3	107.1	107.4	106.8	107.7
September	108.6	107.6	108.1	107.1	108.1
December	108.9	108.3	108.5	107.3	108.6

WeChat: cstutorcs

Assignment Project Exam Help

Email: tutorcs@163.com

QQ: 749389476

<https://tutorcs.com>

程序代写代做 CS编程辅导

## More Information ...



- Visit the Australian Bureau of Statistics web site:

- <http://www.abs.gov.au>
- Access to most ABS publications is free!

WeChat: cstutorcs

- Further Reading: (CPI - March 2021 release)

Assignment Project Exam Help

- 6401.01 - Consumer Price Index (most recent)
- Further information about the CPI is contained in Consumer Price Index: Concepts, Sources and Methods (cat. no. 6461.0)
- A Guide to the Consumer Price Index: 17th Series 2017, January 2018
- Consumer Price Index: 17th Series Weighting Pattern, November 2017
- Information Paper: Introduction of the 17th Series Australian Consumer Price Index, 2017, November 2017

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

QQ: 749389476

<https://tutorcs.com>

程序代写代做 CS编程辅导

# Necessary Skills



## ■ Know how to:

- Calculate Laspeyres, Paasche and Fisher indices;
- Change the base of an index;
- Chain indices;

WeChat: cstutorcs

Assignment Project Exam Help

- ## ■ Have a general idea of how the CPI is constructed and used.

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

QQ: 749389476

<https://tutorcs.com>

程序代写代做 CS编程辅导

# Reading/Questions (Selvanathan)



- Reading:
  - 7<sup>th</sup> Ed. Chapt

- Questions:

- 7th Ed. Questions: 18.1, 18.3, 18.4, 18.9, 18.14, 18.17.

WeChat: cstutorcs

Assignment Project Exam Help

Email: [tutorcs@163.com](mailto:tutorcs@163.com)

QQ: 749389476

<https://tutorcs.com>