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北平市物價與生活費指數月報
The Indices of The Commodity-prices And The
Cost of Living of Peiping Monthly

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國立北平圖書館藏

目 錄

Contents

指數變動說明.....	3—4
Explanations of the fluctuations of the indices.	
甲 物價指數.....	5—8
A. Indices of The Commodity-Prices	
表一 北平市躉售國貨價格指數 (一) 固定基期.....	5
(二) 連環.....	
Table 1. Index numbers of the domestic wholesale prices in Peiping (1) Fixed Base (2) Link Relatives	
表二 北平市躉售國貨及外國貨價格指數 (一) 固定基期.....	6
(二) 連環.....	
Table 2. Index numbers of the domestic and foreign wholesale prices in Peiping (1) Fixed Base (2) Link Relatives	
表三 北平市零售國貨價格指數 (一) 固定基期.....	7
(二) 連環.....	
Table 3. Index numbers of the domestic retail prices in Peiping (1) Fixed Base (2) Link Relatives	
表四 北平市機關辦公用品價格指數 (一) 固定基期.....	8
(二) 連環.....	
Table 4. Index numbers of office requisites prices in Peiping (1) Fixed Base (2) Link Relatives	
乙 生活費指數.....	9—11
B. Indices of the cost of living	
表五 北平市公務員生活費指數 (甲) (一) 固定基期.....	9
(二) 連環.....	
Table 5. Index numbers of the cost of living of official functionaries in Peiping (A) (1) Fixed Base (2) Link Relatives	
表六 北平市公務員生活費指數 (乙) (一) 固定基期.....	10
(二) 連環.....	
Table 6. Index numbers of the cost of living of official functionaries in Peiping (B) (1) Fixed Base (2) Link Relatives	
表七 北平市公務員生活費指數 (丙) (南京基期).....	11
Table 7. Index numbers of the cost of living of official functionaries in Peiping (C) (Nanking Base).	

丙 其他資料 12—15

C, Other data

表八 各重要城市躉售物價指數對北平指數之比率 12

Table 8. Percentages of the indices of wholesale prices between Peiping and other principal cities

表九 民國三十六年十二月份各重要城市零售物價指數與公務員生活費指數及等級相關之計算 13—14

Table 9. Indices of retail prices and the cost of living of official functionaries & the computation of rank correlation December, 1947.

表十 民國三十七年一月北平市公務員實際所得指數與實際所得之計算 15

Table 10. The computation of real income index and real income of official functionaries in Peiping Jan. 1948.

指 數 變 動 說 明

本月適跨農曆年關，全月物價，普呈漲勢，分述如下：

躉售國貨價格總指數，相當基期209,885倍較一月份上漲 29%。

零售國貨價格總指數，相當基期230,926倍較一月份上漲 30%。

躉售國貨及外國貨價格總指數，相當基期 210,514倍較一月份上漲24%。

機關辦公品價格總指數，相當基期 175.257倍，較一月份上漲28%。

以上各項均較一月份為高，蓋以年關臨迫，東北游資大量入關，故各品普呈漲勢，

若就分旬言，各旬漲勢尚為勻稱躉售物價平均漲率普在11%以上，零售物價則于上旬較平，中旬獨揚與機關辦公用品價格趨勢略同。

若就分類而言，食物類指數約250,000倍仍屬最高而其中其他食品指數上漲率，本月反超過主要食糧，可見其隨食糧跟踪上漲至建築材料類指數160,000最低，蓋因時局勢動蕩，工程減少之故。

機關辦公用品中各類指數，仍極參差，印刷類指數仍居首位當基期350,477倍，蓋中西紙價價比皆在58萬倍以上，其次為消耗類，文具類，修繕類，雜項類，而以郵電旅費最低，僅相當基期50.742倍。至上漲率，以消耗類最高，郵電旅費退居末位。

公務員生活費總指數，本月較基期高出315,574倍，較一月漲32%就分旬言，中旬適值年關，漲勢較猛。就分類言，食物類上漲最烈，其次為雜項類，燃料類，房租類，衣着類。

又以麵為主食之生活費總指數，為基期559,140倍較以米為主食之總指數多45.766倍，

北平市公務員生活費總指數較高蓋如以南京基期換算，則僅229,580倍。

Explanations of the Fluctuations of the Indices

There has a universal rise in the general index numbers of this month for it happens to be the Lunar New Year. Details are given as follows:

The general index number of the domestic wholesale prices on the base of Peiping is 209,885 times or is higher than that of January by 29%.

The general index number of the domestic retail prices on this base is 230,926 times or is higher than that of January by 30%.

The general index number of the domestic and foreign wholesale prices on this base is 219,514 times or is higher than that of January by 24%.

The general index number of the office requisities prices on this base is 175,257 times or is higher than that of January by 28%.

The above numbers show that the indices of different commodities are all higher than that of January owing to the Lunar New Year and the immense influx of liquid funds from the North-eastern provinces.

Reckoned by decades, the increasing rates in the three decades have been rather similar even in their averages. The average increasing rate of the wholesale prices is above 11%. As to the retail prices, in the 1st decade it was rather stable, while in the mid decade, it shot up suddenly. The rising tendency of the office requisities are somewhat similar.

Reckoned according to classification, the index of food, being about 250,000 times on the base, is still the highest. Moreover, the index of the other foods had increased more than that of the staple food during this month. Their rise had kept pace with the cereals. Building materials, at 160,000 times on the base, are the lowest because of the intense military situation and the reduced activities in building work during this period.

The indices of office requisities are still rather irregular with the cost of printing coming to be the highest at 350,477 times on the base owing to the relative prices of the domestic and foreign papers having all gone up above 580,000 times. The rest are as follows: consumable articles, stationeries, repairing cost miscellaneous.

postage, telegram and travelling expense are the lowest—being only 50,742 times on the base. As to the increasing rate, the consumable articles have been the highest, of the postage telegram and travelling expense came to be the lowest.

The general index number of the cost of living of official functionaries on the base of Peiping is 315,374 times or is higher than that of January by 32%.

Reckoned by decades, it rises during the mid decade somewhat more because of the coming of the Lunar Year. Reckoned according to classification, food is the highest, and next come the miscellaneous, fuel and light, house rent, and clothing.

In the general index of the cost of living, flour being the staple food, is 359,140 times on the base or is higher than that of rice by 43,766 times.

The general index number of the cost of living of official functionaries in Peiping is therefore higher as compared with the Nanking base at 229,580 times only.

甲 物 價 指 數

A. Indices of The Commodity-Prices

表一 北平市躉售國貨價格指數

Table 1. Index numbers of the domestic wholesale prices in Peiping

一 固 定 基 期

1. Fixed Base

基期：民國二十六年一至六月 = 100

Base period : Jan-June 1937 = 100

指數公式：簡單幾何平均

Formula : Simple Geometric Average

時 期 Period	總指數 General Index	食 物 類 Food			衣 着 類 Clothing	燃 料 類 Fuel	金 屬 類 Metals	建 築 材 料 類 Building Materials	雜 項 類 Miscell- aneous
		類指數 Group Index	糧 食 Cereals	其 他 食 品 Other foods					
物品項數 No. of Commodities	50	18	9	9	9	5	4	5	9
三十五年平均 1946 Average	415,680	410,410	517,450	325,515	496,544	425,254	348,300	572,392	339,600
三十六年平均 1947 Average	3,267,077	5,373,251	4,187,000	2,717,688	5,493,692	3,593,000	2,884,600	3,922,091	2,686,688
三十七年一月 1948 Jan	16,300,000	19,468,261	25,123,529	15,086,207	14,637,353	15,543,928	12,302,286	22,826,843	15,246,364
二月 Feb	20,988,500	25,869,412	32,964,615	20,301,428	18,377,917	18,414,585	15,837,857	25,671,765	18,239,565
(上旬) 1st decade	18,524,583	22,953,158	29,790,000	17,684,800	15,991,111	15,946,667	14,614,333	24,613,535	15,273,928
(中旬) Mid decade	20,834,286	25,367,059	31,112,143	20,682,857	17,788,400	18,369,167	16,228,148	25,110,588	18,668,261
(下旬) Last decade	23,441,667	29,075,000	37,966,364	22,265,789	20,927,143	20,768,095	16,615,000	27,213,750	20,685,238

二 運 環

2. Link Relatives

時 期 Period	總指數 General index	食 物 類 Food			衣 着 類 Clothing	燃 料 類 Fuel	金 屬 類 Metals	建 築 材 料 類 Building materials	雜 項 類 Miscell- aneous
		類指數 Group Index	糧 食 Cereals	其 他 食 品 Other foods					
物品項數 No. of Commodities	50	18	9	9	9	5	4	5	9
三十五年平均 1946 Average	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
三十六年平均 1947 Average	785.96	821.92	609.16	834.89	703.40	844.91	1,125.42	774.61	751.15
三十七年一月 1948 Jan	132.85	147.42	158.87	136.80	113.93	116.35	124.27	130.77	141.12
二月 Feb	128.76	132.86	131.31	134.57	124.87	120.01	112.46	128.74	137.69
(上旬) 1st decade	111.44	117.09	119.83	114.40	108.38	102.31	109.46	111.05	109.94
(中旬) Mid decade	112.47	110.52	104.44	116.95	111.24	115.19	102.02	111.04	122.22
(下旬) Last decade	112.51	114.62	122.03	107.05	117.64	113.06	102.38	102.38	110.80

表二 北平市躉售國貨及外國貨價格指數

Table 2. Index numbers of the domestic & foreign wholesale prices in Peiping

一 固定基期

1. Fixed Base

基期：民國二十六年一至六月=100

Base period Jan-June 1937=100

指數公式：簡單幾何平均

Formula: simple geometric average

時期 period	總指數 General Index	1 食 物 類 Food			2 衣 着 類 Clothing	3 燃 料 類 Fuel	4 金 屬 電 料 類 Metals & Elec materials	5 建 築 材 料 類 Building materials	6 雜 項 類 Miscell- aneous
		類指數 Group Index	糧 食 Cereals	其 他 食 品 Other foods					
物品項數 No. of commodities	50	18	9	9	9	5	4	5	9
三十五年平均 1946 Average	407,982	410.410	517,450	325,515	505,888	558,250	392,082	572,392	380,409
三十六年平均 1947 Average	3,231,231	3,373,231	4,187,000	2,717,688	3,361,508	2,599,312	3,827,509	2,884,600	3,177,585
三十七年一月 1948 Jan	17,017,308		25,125,629		18,272,917		21,719,500		15,306,207
二月 Feb	21,051,420		52,964,615		19,594,583		25,321,111		21,249,524
(上旬) 1st decade	18,602,500		29,790,000		15,468,928		24,143,533		17,612,800
(中旬) Mid decade	20,934,762		31,113,143		17,114,000		25,051,765		21,650,000
(下旬) Last decade	23,452,632		37,966,364		20,090,454		26,718,824		24,553,355
		29,075,000	22,265,789		16,985,900		16,615,000		

二、連 環

2. Link Relatives

時期 period	總指數 General Index	1 食 物 類 Food			2 衣 着 類 Clothing	3 燃 料 類 Fuel	4 金 屬 電 料 類 Metals & Elec materials	5 建 築 材 料 類 Building materials	6 雜 項 類 Miscell- aneous
		類指數 Group Index	糧 食 Cereals	其 他 食 品 Other foods					
物品項數 No. of commodities	50	13	9	9	9	5	4	5	9
三十五年平均 1946 Average	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
三十六年平均 1947 Average	792.00	821.92	809.16	854.89	664.44	725.56	976.30	774.61	835.25
三十七年一月 1948 Jan	140.70	147.42	158.87	136.80	154.14	122.21	123.44	130.11	137.61
二月 Feb	123.71	132.88	131.21	134.57	96.29	122.88	116.58	128.74	138.83
(上旬) 1st decade	111.56	117.09	119.83	114.40	107.18	105.50	110.31	111.05	109.56
(中旬) Mid decade	112.54	110.52	104.44	116.95	110.63	114.34	103.68	111.04	122.92
(下旬) Last decade	112.03	114.62	123.03	107.65	117.39	107.07	106.74	102.33	112.49

表三 北平市零售國貨價格指數
 Table 3. Index numbers of the domestic retail prices in Peiping
 一 固定基期

1. Fixed Base
 基期：民國二十六年一至六月=100
 Base Period : Jan June 1937=100
 指數公式：簡單幾何平均
 Formula : simple geometric average

時 期 period	總指數 General index	1 食 物 類 Food			2 衣 着 類 Clothing	3 燃 料 類 Fuel & light	4 雜 項 類 Miscellaneous
		類指數 Group index	糧 食 Cereals	其他食品 Other foods			
物 品 項 數 No. of commodities	50	25	9	16	10	6	9
三十五年 平均 1946 Average	454,278	403,636	496,262	559,358	659,514	559,188	393,764
三十六年 平均 1947 Average	3,503,333	3,197,428	4,011,564	2,814,500	4,182,182	4,485,500	3,145,500
三十七年一月 1948 Jan	17,803,750	18,907,826	24,599,444	16,171,852	17,592,917	19,020,870	14,821,379
二月 Feb	23,092,632	24,984,444	32,244,615	21,644,500	22,984,310	21,295,000	19,689,091
(上旬) 1st decade	19,942,857	21,351,500	28,756,000	18,059,167	19,580,909	19,717,273	16,966,000
(中旬) Mid decade	23,273,889	25,240,588	31,404,286	22,321,500	25,163,158	21,233,000	19,857,273
(下旬) Last decade	25,809,412	27,973,750	36,561,818	24,062,778	26,065,882	22,841,579	22,142,652

二、 連 環
 2. Link Relatives

時 期 period	總指數 General index	1 食 物 類 Food			2 衣 着 類 Clothing	3 燃 料 類 Fuel & light	4 雜 項 類 Miscellaneous
		類指數 Group index	糧 食 Cereals	其他食品 Other foods			
物 品 項 數 No. of commodities	50	25	9	16	10	6	9
三十五年平均 1946 Average	100.00	100.00	100.00	100.00	100.00	100.00	100.00
三十六年平均 1947 Average	771.19	792.16	808.32	783.20	653.96	831.90	798.85
三十七年一月 1948 Jan	136.69	151.38	162.97	145.22	116.72	119.95	133.82
二月 Feb	129.71	132.84	131.08	133.84	130.64	111.96	132.84
(上旬) 1st decade	109.65	111.71	116.82	108.94	110.88	99.15	109.97
(中旬) Mid decade	116.70	118.21	109.21	123.60	118.29	107.69	117.04
(下旬) Last decade	110.89	110.45	116.42	107.80	112.55	107.88	111.51

表四 北平市機關辦公用品價格指數
Table 4. Index numbers of office requisites prices in Peiping
— 固定基期
1. Fixed Base

基期：民國二十六年一至六月=100 指數公式：簡單幾何平均及加權算術平均
Baseperiod: Jan-June 1937=100 Formula: Simple geometric average & weighted arithmetic average

時 期 Period	總指數 General index	1 文具類 Stationeries	2 消耗類 Consuming matters	3 印刷類 Printings	4 郵電旅費類 Postage tele-gram travel-ling expense	5 修繕類 Reparations	6 雜項類 Miscell-aneous
物品項數 No. of commodities	30	9	5	7	5	5	5
三十五年平均 1946 Average	333.436	425,910	571,158	467,578	59,115	556,750	356,892
三十六年平均 1947 Average	3,074.332	5,618,000	5,515,250	6,424,000	691,585	2,871,467	2,551,824
三十七年一月 1948 Jan	13,716,870	16,100,010	14,726,428	50,110,000	4,599,400	11,454,737	10,155,238
二月 Feb	17,525,679	20,646,190	21,175,535	55,047,693	5,074,222	15,617,857	12,943,255
(上旬) 1st decade	15,180,401	17,625,533	17,466,800	31,985,077	4,954,250	13,867,168	11,501,053
(中旬) Mid decade	17,539,786	20,450,000	20,979,524	34,736,925	5,131,889	15,874,074	13,503,121
(下旬) Last decade	19,680,433	23,521,667	24,787,778	38,328,182	5,131,889	17,099,615	15,937,742

二、連 環

2. Link Relatives

時 期 period	總指數 General Index	1 文具類 Stationeries	2 消耗類 Consuming Matters	3 印刷類 Printings	4 郵電旅費類 Postage tele-gram travel-ling expense	5 修繕類 Reparations	6 雜項類 Miscell-aneous
物品項數 No. of commodities	30	9	5	7	5	5	5
三十五年平均 1946 Average	100.00	100.00	100.00	100.00	100.00	100.00	100.00
三十六年平均 1947 Average	922.02	849.48	947.10	1,375.89	1,169.93	804.90	751.52
三十七年一月 1948 Jan	128.13	132.71	125.51	123.25	135.03	134.17	124.93
二月 Feb	127.77	128.24	134.64	116.40	110.32	136.58	127.45
(上旬) 1st decade	105.75	101.18	107.34	101.52	107.72	111.87	112.25
(中旬) Mid decade	115.54	115.93	120.11	108.61	103.59	114.47	119.48
(下旬) Last decade	112.20	115.15	118.15	110.34	100.00	107.72	103.25

乙 生活費指數

B. Indices of The Cost of Living

表五 北平市公務員生活費指數(甲)

Table 5. Index numbers of the cost of living of official functionaries in Peiping (A)

一 固 定 基 期

1. Fixed Base

基期：民國二十六年一至六月=100
Base period: Jan-June 1937=100

指數公式：加權總值式
Formula: Weighted aggregative

時 期 Period	總 指 數 General index	1 食 物 類 Food	3 衣 着 類 Clothing	5 房 租 類 Rent	4 燃 料 類 Fuel & light	5 雜 項 類 Miscellaneous
物 品 項 數 No of commodities	29	10	6	1	3	10
三十五年平均 1946 Average	665,847	586,732	726,885	539,122	524,594	820,499
三十六年平均 1947 Average	5,834,888	5,141,475	5,929,692	8,112,052	5,655,901	6,640,974
三十七年一月 1948 Jan	23,873,955	21,705,091	25,217,258	51,741,800	19,212,698	24,363,769
二月 Feb	31,537,374	29,567,138	29,138,787	59,885,600	25,597,957	32,971,829
(上旬) 1st decade	26,006,441	25,578,616	26,005,690	55,441,400	19,841,270	26,912,155
(中旬) Mid decade	33,729,675	32,058,057	28,800,586	62,108,000	24,605,175	35,760,487
(下旬) Last decade	34,876,116	33,084,726	32,580,251	62,108,000	26,549,565	36,242,541

二、連 環

2. Link Relatives

時 期 Period	總 指 數 General index	1 食 物 類 Food	2 衣 着 類 Clothing	3 房 租 類 Rent	4 燃 料 類 Fuel & light	5 雜 項 類 Miscellaneous
物 品 項 數 No of commodities	29	10	6	1	2	10
三十五年平均 1946 Average	100.00	100.00	100.00	100.00	100.00	100.00
三十六年平均 1947 Average	876.31	876.29	815.77	1,504.67	1,078.56	109.38
三十七年一月 1948 Jan	154.29	160.26	145.09	195.96	126.35	151.20
二月 Feb	132.10	136.22	115.51	115.74	122.82	132.61
(上旬) 1st decade	105.89	107.51	98.85	100.00	103.03	108.43
(中旬) Mid decade	129.70	135.88	110.75	112.03	124.00	152.88
(下旬) Last decade	103.40	105.27	115.12	100.00	107.42	101.55

表六 北平市公務員生活費指數(乙)

Table 6. Index numbers of the cost of living of official functionaries in Peiping (B)

一 固定基期

1. Fixed Base.

基期：民國二十六年一至六月=100

Base period : Jan-June 1937=100

指數公式：加權總值式

Formula : Weighted aggregative

時期 Period	總指數 General index	1 食物類 Food	2 衣着類 Clothing	3 房租類 Rent	4 燃料類 Fuel & light	5 雜項類 Miscell- aneous
物品項數 No. of commodities	28	9	6	1	2	10
三十六年 平均 1947 Average	12,448,486	11,935,355	12,597,025	17,617,253	11,292,753	12,657,058
三十七年 一月 1948 Jan	27,430,521	28,039,497	25,217,238	51,741,800	19,212,698	25,301,911
二月 Feb	35,913,984	57,490,519	29,128,787	59,885,800	23,597,937	34,798,428
(上旬) 1st decade	29,557,870	29,855,640	26,005,690	55,441,400	19,841,270	28,384,197
(中旬) Mid decade	38,301,370	40,581,998	28,800,586	62,108,000	24,605,175	37,689,455
(下旬) Last decade	39,882,853	42,233,940	39,580,251	62,108,000	26,549,365	38,521,129

二 連環

2. Link Relatives

時期 Period	總指數 General index	1 食物類 Food	2 衣着類 Clothing	3 房租類 Rent	4 燃料類 Fuel & light	5 雜項類 Miscell- aneous
物品項數 No. of commodities	28	9	6	1	2	10
三十年六 平均 1947 Average	100.00	100.00	100.00	100.00	100.00	100.00
三十七年 一月 1948 Jan	156.44	164.16	145.09	193.96	126.35	146.12
二月 Feb	130.93	133.71	115.51	115.74	132.82	137.53
(上旬) 1st decade	104.26	104.32	98.83	100.00	102.02	107.67
(中旬) Mid decade	129.58	135.26	110.75	112.02	124.00	132.78
(下旬) Last decade	104.13	104.59	113.12	100.00	107.10	101.68

附註：公務員生活費指數

(甲)係採米麵兩項為主要食糧者，

(乙)則僅以麵粉為主要食糧者

又(乙)種指數奉主計處令自36年10月起編製

Note: Rice and flour are adopted as main food in index numbers of the cost of living of official functionaries in Peiping (A) but, (B) flour only and compiled from Oct., 1947, as ordered by the Directorate General of Budgets, Accounts and Statistics.

表七 北平市公務員生活費指數(丙)

Table 7. Index numbers of the cost of living of official functionaries in Peiping(C)

基 期： 南京二十六年一至六月 =100
Base Period. Jan-June, 1937. Nanking. =100

時 期 Period	總 消 費 值 Total Consuming Values	總 指 數 General Index	連 環 Link Relatives
項 數 No of commodities	28	28	28
三十五年平均 1946 Average	67,769	450,594	100.00
三十六年平均 1947 Average	613,130	4,076,664	904.73
三十七年一月 1948 Jan	2,606,874	17,332,939	157.83
	3,452,878	22,957,965	152.45
(上旬) 1st decade	2,856,164	18,990,452	106.29
(中旬) Mid decade	3,701,499	24,611,031	129.60
(下旬) Last decade	3,801,018	25,272,726	102.69

註： (1) 戰前南京生活費用較北平為高，故指數見低。

Note: The post War cost of living in Nanking is higher than that of Peiping; so the index numbers is lower.

(2) 表列二十八項，人力車資未計。

There are 28 kinds of Commodities excluding rickshafare in the table above.

丙 其 他 資 料

C. Other data

表八 各重要城市躉售物價指數對北平指數之比率

Table 8. Percentages of the Indices of wholesale price between Peiping and other principal cities

計算期：民國37年1月

Jan 1948

基期：民國26年1—6月=100

Base Period: Jan-June 1937=100

公式：簡單幾何平均

Formula: Simple Geometric Average

指數 次序 Array	城市 Cities	距北平次序 Deviation of array From Peiping	躉售物價總指數 General index of wholesale Price	各城市指數對北平之百分率 Percentages of the Indices of wholesale prices between Peiping and other principal cities
1	太原 Taiyuan	+4	54,498,944	311.65%
2	銀川 Jenchuan	+5	24,225,400	148.63%
3	合肥 Howei	+2	20,380,561	125.03%
4	青島 Tsingtao	+1	19,433,913	119.23%
5	北平 Peiping		16,300,000	100.00%
6	西京 Sian	-1	15,696,786	96.30%
7	天津 Tientsin	-2	15,435,526	94.70%
8	鎮江 Chink ang	-3	15,164,564	93.03%
9	開封 Kaifong	-4	15,025,820	92.18%
10	蘭州 Lanchow	-5	14,424,500	88.49%
11	福州 Foochow	-6	14,297,013	87.71%
12	南京 Nanking	-7	14,249,839	87.42%
13	上海 Shanghai	-8	13,845,060	84.94%
14	全國總指數 General Index number	-9	13,790,500	84.60%
15	杭州 Hangchow	-10	13,778,121	84.55%
16	濟南 Tsinan	-11	13,730,000	84.23%
17	康定 Kangting	-12	13,155,845	80.70%
18	漢口 Hankow	-13	12,880,909	79.02%
19	南昌 Nanchang	-14	12,627,000	77.47%
20	廣州 Canton	-15	12,413,616	76.16%
21	長沙 Changsha	-16	11,157,000	68.45%
22	成都 Chengtu	-17	9,996,000	61.33%
23	昆明 Kunming	-18	9,252,000	56.76%
24	重慶 Chungking	-19	8,575,314	52.61%
25	桂林 Kweilin	-20	8,111,200	49.76%
26	貴陽 Kweiyang	-21	6,767,373	41.52%

資料來源：國民政府主計處統計局編製第26期37年1月份各重要城市物價指數月報。

Source: Indices in Principal Cities Monthly No. XXVI Jan. 1948

(Compiled by the Directorate of Statistics, Directorate General of Budgets, Accounts, and Statistics, National government)

註：全國總指數，為南京等25重要城市躉售物價指數，台北未列入。

Note: General Index including 25 principal cities. Excluding Taipei

表九 民國三十七年一月各重要城市零售物價指數
與公務員生活費指數及等級相關之計算

Table 9. Indices of Retail Prices and the Cost of Living of official Functionaries
& the Computation of Rank Correlation January 1948,

城市別	零售物價指數 民國廿六年一月至六月=100 Indices of Retail prices Jan.-Jun. 1937=100		公務員生活費指數 南京廿六年一月至六月=100 Indices of the Cost of Living of official Functionaries Jan.-Jun. 1937. Nanking=100		等級差 Rank Devia- tion	等級差 之平方 Square of Ranke Deviation	Cities
	指 Index	等級 Rank	指 Index	等級 Rank	D	D ²	
南 京	13,826,427	17	11,078,568	16	1	1	Nanking
上 海	5,322,000	9	11,629,865	15	-6	36	Shanghai
北 平	17,805,750	5	17,552,939	4	1	1	Peiping
天 津	16,127,595	6	17,472,128	3	3	9	Tientsin
青 島	20,642,857	3	19,580,953	2	1	1	Tsingtao
重 慶	8,758,562	23	7,575,675	25	-2	4	Chungking
西 京	14,686,897	12	14,025,589	10	2	4	Sian
廣 州	13,925,935	14	15,680,152	7	7	49	Canton
漢 口	13,925,548	15	9,946,362	20	-5	25	Hankow
鎮 江	15,067,365	10	12,172,467	12	-2	4	Chingkiang
杭 州	14,411,195	15	12,851,851	11	4	16	Hangchow
合 肥	19,389,509	4	11,755,204	14	-10	100	Howei
南 昌	12,079,000	19	9,724,840	21	2	4	Nanchang
長 沙	12,071,000	20	10,754,915	18	2	4	Changsha
成 都	9,964,144	22	9,329,639	22	0	0	Chengtu
康 定	13,857,876	16	15,342,793	8	8	64	Kangting
濟 南	15,809,000	7	14,692,646	9	-2	4	Tsinan
太 原	38,276,542	1	51,921,928	1	0	0	Taiyuan
開 封	14,949,787	11	12,136,455	13	-2	4	Kaifeng
蘭 州	13,740,800	18	16,242,052	6	12	144	Lanchow
桂 林	8,611,326	24	8,009,947	24	0	0	Kweilin
福 州	13,336,640	8	10,931,571	17	-9	81	Foochow
昆 明	10,639,044	21	10,508,991	19	2	4	Kunming
貴 陽	7,750,613	25	8,525,099	23	2	4	Kweiyang
銀 川	22,185,700	2	16,804,314	5	-3	9	Jenchuan
台 北	97,487 (I)	—	9,910,968	—	—	—	Taipei
總 計						560	Total

● 資料來源：各重要城市物價指數月報第廿六期（國民政府主計處統計局編）。

● Source. Indices in Principal Cities Monthly No. XXVI Jan 1948.
(Compiled by the Directorate of Statistics, Directorate General of
Budgets, Accounts, and Statistics National Government).

註(I) 因台北貨幣單位不同，故等級相關之計算除外。

Note (I) For the difference of Monetary units, Taipei is excepted in the Computation
of rank Correlation.

(1) 等級相關 γ (Rank correlation, Pr)

$$Pr = 1 - \frac{6 \sum D^2}{N^3 - N} ; \sum D^2 = 560 , N = 25$$

$$Pr = 1 - \frac{6 \times 560}{(25)^3 - 25}$$

$$= 1 - \frac{3360}{15625 - 25}$$

$$= 1 - \frac{3360}{15600}$$

$$= \frac{12240}{15600}$$

$$= + 0.784615$$

$$Pr = + 0.7846$$

(2) Pr 之修正 (Correction of Pr to, r)

$$\gamma = 2 \sin \left(\frac{\pi}{6} Pr \right)^\circ$$

$$\gamma = 2 \sin (30 \times 0.7846)^\circ$$

$$= 2 \sin 23.54^\circ$$

$$= 2 \times 0.39954$$

$$= + 0.79868$$

$$\gamma = + 0.791$$

(3) 結論：零售物價指數與公務員生活費指數之等級相關為80%。

Conclusion:

The rank correlation between the index numbers of retail prices and the cost of living of official functionaries is 80%.

表十 民國三十七年一月北平市公務員真實所得指數與真實所得之計算

Table 10 The computation of real income index and real income of official functionaries in Peiping

任別級別 Different Appointments		俸別 Salary 單位：法幣元 Unit: C.N.C. C.\$	貨幣所得 Money Income 單位：法幣元 Unit: C.N.C. \$ ($30 + \frac{A-30}{10}$) × 115,000	貨幣所得指數 Money income index $\frac{B}{A} \times 100$	民國37年1月北平市公務員 生活費指數 Index of the cost of living of official funcio- naries in Peiping Jan. 1948 南京廿六年一月至六月=100 Jan-June, 1937, Nanking= 100	57年1月真實 所得指數 Real Inco- me Index Jan. 1948 $\frac{C}{D} \times 100$	57年1月真實 所得 Real Income Jan. 1948 $\frac{B}{D} \times 100$
		A	B	C	D	E	F
特任 Special Appointment							
—	800	12,305,000	1,538,125	23,957,965	6.70	55.60	
簡任 Selected appointment							
1	680	10,925,000	1,606,618	23,957,965	7.00	47.59	
2	640	10,465,000	1,635,156	23,957,965	7.13	45.58	
3	600	10,005,000	1,667,500	23,957,965	7.26	43.58	
4	560	9,545,000	1,704,464	23,957,965	7.42	41.58	
5	520	9,085,000	1,747,115	23,957,965	7.61	39.57	
6	490	8,740,000	1,785,673	23,957,965	7.77	38.07	
7	460	8,395,000	1,825,000	23,957,965	7.95	36.57	
8	430	8,050,000	1,872,093	23,957,965	8.15	35.06	
薦任 Dominated appointment							
1	400	7,705,000	1,926,250	23,957,965	8.39	33.56	
2	380	7,475,000	1,967,105	23,957,965	8.57	32.56	
3	360	7,245,000	2,012,500	23,957,965	8.77	31.56	
4	340	7,015,000	2,063,255	23,957,965	8.99	30.56	
5	320	6,785,000	2,120,312	23,957,965	9.24	29.55	
6	300	6,555,000	2,185,000	23,957,965	9.52	28.55	
7	280	6,325,000	2,258,928	23,957,965	9.84	27.55	
8	260	6,095,000	2,344,231	23,957,965	10.21	26.55	
9	240	5,865,000	2,443,750	23,957,965	10.64	25.55	
10	220	5,635,000	2,561,364	23,957,965	11.16	24.54	
11	200	5,405,000	2,702,500	23,957,965	11.77	23.54	
12	180	5,175,000	2,875,000	23,957,965	12.52	22.54	
委任 General appointment							
1	200	5,405,000	2,702,500	23,957,965	11.77	23.54	
2	180	5,175,000	2,875,000	23,957,965	12.52	22.54	
3	160	4,945,000	3,090,625	23,957,965	13.46	21.54	
4	140	4,715,000	3,367,857	23,957,965	14.67	20.54	
5	150	4,600,000	3,538,462	23,957,965	15.41	20.04	
6	120	4,485,000	3,737,500	23,957,965	16.28	19.54	
7	110	4,370,000	3,972,727	23,957,965	17.30	19.05	
8	100	4,255,000	4,255,000	23,957,965	18.53	18.53	
9	90	4,140,000	4,600,000	23,957,965	20.04	18.03	
10	85	4,022,500	4,802,941	23,957,965	20.92	17.78	
11	80	4,025,000	5,051,250	23,957,965	21.92	17.53	
12	75	3,967,500	5,290,000	23,957,965	23.04	17.28	
13	70	3,910,000	5,535,714	23,957,965	24.33	17.00	
14	65	3,852,500	5,926,923	23,957,965	25.82	16.78	
15	60	3,795,000	6,325,000	23,957,965	27.55	16.53	
16	55	3,737,500	6,795,454	23,957,965	29.60	16.28	

北平市物價與生活費指數月報

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