

Appendix C3

Driving Factors of Differences in Urban Price Levels Across Provinces, 1990

	National product price	Across provinces: indiv. item or category price				
		Mean	Min.	Max.	SD	CV
Total						
A. Consumer goods (89.98%)						
1. Foods (54.25%)	693.77	716.63	606.88	1090.22	102.83	0.1435
a. Staples (6.61%)						
(i) aggregate, implicit	0.64	0.64	0.45	1.15	0.14	0.2152
(ii) implicit, by type						
Coarse grain (<i>culiang</i>)	0.48	0.84	0.32	1.53	0.40	0.4748
Wheat flour (<i>mianfen</i>)	0.44	0.47	0.38	0.97	0.12	0.2527
Rice (<i>dami</i>)	0.51	0.59	0.30	1.09	0.26	0.4355
Other fine gr. (<i>xiliang</i>)	0.88	0.91	0.59	1.94	0.26	0.2886
Grain purchased in work unit's cafeteria	0.60	0.78	0.32	1.82	0.45	0.5809
Grain purchased from catering businesses	2.22	2.42	1.41	4.57	0.77	0.3191
c. Tobacco, alcohol, tea (5.95%)	56.53	55.12	41.58	80.22	7.65	0.1387
Tobacco	0.88	0.83	0.59	1.46	0.20	0.2359
Alcohol						
Spirits (<i>baijiu</i>)	2.96	3.04	2.00	5.44	0.83	0.2719
Beer	1.32	1.26	0.78	1.61	0.16	0.1252
All other alcohol	4.49	4.46	2.05	9.30	1.63	0.3656
Tea leaves	20.05	22.53	13.00	41.79	6.26	0.2778
All others (41.69%)	465.93	475.24	394.32	724.00	68.90	0.1450
Fresh vegetables	0.57	0.59	0.32	0.96	0.15	0.2569
Dried vegetables	3.15	3.13	2.07	4.91	0.67	0.2136
Edible oil	3.20	3.38	1.86	6.34	1.06	0.3136
Pork	5.73	5.88	4.55	9.46	1.08	0.1833
Beef, lamb						
Beef (assume 90%)	6.80	6.87	5.11	10.32	1.08	0.1565
Lamb (assume 10%)	6.57	6.71	4.30	11.44	1.86	0.2773
Poultry	7.14	7.63	5.86	9.69	1.12	0.1463
Eggs	5.38	5.21	3.62	7.73	0.80	0.1541
Fish, shr. (silver carp)	4.19	4.09	2.92	5.04	0.47	0.1149
Sugar	2.67	2.56	2.36	2.80	0.09	0.0360
Fresh melon	0.72	0.72	0.34	1.31	0.21	0.2963
Fresh fruit	3.00	2.97	2.30	4.20	0.41	0.1395
Dried fruit	5.89	6.13	2.99	8.44	1.04	0.1697
Sweets	6.14	6.20	2.71	8.75	1.12	0.1812
Cake [pastry]	5.20	5.75	3.28	18.95	2.83	0.4921
Milk	1.13	1.14	0.76	2.00	0.23	0.2007
Mixed food cans	5.97	5.98	4.49	8.85	1.07	0.1797
Other cans	3.75	3.82	2.08	5.38	0.60	0.1559
2. Clothing (13.36%)	75.66	78.12	62.86	96.11	8.42	0.1078
Cotton cloth	3.13	3.14	2.64	3.60	0.22	0.0693
Cotton – chemical fiber mix	6.30	6.64	5.10	8.45	0.82	0.1240
Chemical fiber	7.77	9.36	4.05	18.03	3.83	0.4094
Nylon	31.75	32.14	20.13	48.46	7.04	0.2189
Silk	19.35	18.60	5.81	31.43	7.75	0.4168
Bedsheet	30.55	31.75	24.77	38.71	3.85	0.1211

Leather shoes	35.86	35.78	27.36	51.08	4.74	0.1326
Rubber shoes	13.03	13.03	9.29	19.19	2.39	0.1831
Cotton shoes	6.55	6.74	5.17	8.53	1.06	0.1572
Plastic shoes	3.70	3.70	2.90	4.47	0.41	0.1118
Other shoes (assume sports)	12.42	12.42	6.73	19.47	3.81	0.3070
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3.-6. (17.69%)						
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3. Articles for daily use (10.14%)	93.75	93.61	85.66	109.39	5.73	0.0612
Small items						
Soap (box of 10)	0.94	0.90	0.61	1.20	0.12	0.1350
Fragrant/ medical soap	0.86	0.82	0.61	1.29	0.13	0.1590
Washing powder	1.90	1.88	0.66	2.94	0.40	0.2104
Thermos bottle	5.61	5.59	2.99	8.30	0.89	0.1586
Aluminum pot	12.21	12.21	8.64	20.90	2.13	0.1748
Consumer durables						
Bicycle	276.79	277.23	218.50	327.58	31.23	0.1127
Sewing machine	253.05	247.22	183.00	281.88	26.72	0.1081
Mechanical watch	51.67	50.54	45.00	65.00	3.39	0.0671
Clock	43.46	43.39	26.18	85.40	10.58	0.2437
Fan	273.31	277.48	201.67	349.83	34.84	0.1256
Washing machine	532.97	527.21	356.00	675.00	66.36	0.1259
Refrigerator	1697.76	1714.33	1450.00	2195.00	098.94	0.1160
Cloth stand	315.91	332.86	206.15	548.14	78.61	0.2362
Desk	202.03	199.68	69.28	327.07	59.02	0.2956
Color TV	2440.07	2396.45	2038.85	3679.23	277.11	0.1156
Black and white TV	540.04	555.34	446.00	851.39	84.18	0.1516
Radio	28.85	27.36	12.10	66.00	11.96	0.4372
Photo camera	353.42	461.17	145.67	643.46	158.92	0.3446
4. Cultural and recreat. art. (5.34%)						
5. Books, newspapers, magaz. (0.87%)						
6. Other goods (1.34%)						
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7. Medicine and medical art. (1.54%)	19.65	19.63	13.86	25.46	2.49	0.1270
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8. Construction materials (1.56%)	19.98	19.81	11.43	29.60	5.91	0.2981
Construction costs per sqm	173.66	172.21	99.34	257.25	51.33	0.2981
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9. Energy (1.59%)	10.01	9.92	6.18	16.51	2.82	0.2844
Coal	7.95	4.82	3.00	8.01	1.37	0.2844
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B. Services (10.02%)						
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1. Gas (0.20%)	6.50	6.72	1.77	22.98	4.49	0.6672
Liquefied petroleum gas	0.76	0.76	0.20	2.60	0.51	0.6672
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All other services (9.81%)	125.47	126.40	99.82	172.28	15.66	0.1239
Wages of ind. staff & workers	2278.20	2295.07	1812.53	3128.09	284.26	0.1239

SD: standard deviation. CV: coefficient of variation.

For the units of individual products see Table 4 (in the paper).

The percentages given in parentheses after the labels of the main product categories are the shares of these product categories in total urban living expenditures. For the absolute values see Table 4.

When a national price for a product is lacking, the arithmetic mean across *all* provinces is used, including provinces whose values were imputed. (Chongqing data are never available, and are not imputed.)

The statistics for the price of foods cover the sum of the ‘implicit price times quantity’ of staples, and the aggregate prices (values) of the other two categories within foods, namely “tobacco, alcohol, and tea,” and “all others,” with the latter two categories weighted by their adjustment factor. All other category prices do not incorporate adjustment factors. The underlying prices for the categories medicine and medical articles, construction materials, energy, and “all others” within services are implicit prices (i.e., their adjustment factor would be unity).

Sources: See Table 4.