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A DATA BASE IMPROVEMENT FOR ANALYSIS OF U.S. IMPORTS AND EXPORTS:
PRICE INDICES BY END-USE, 1958:1-1974:4

by

Sung Y. Kwack

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Price Indices by End-Use, 1958:1-1974:4

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I. Disaggregation by end-use categories is desirable for use in empirical studies of U.S. exports and imports.¹ Value data for trade by end-use categories are readily available. However, end-use price (unit value) indices are only available from 1967:1. Consequently, empirical studies frequently are faced with a problem of how to obtain end-use price indices prior to 1967 and call for such price indices. This note presents price indices by end-use categories over 1958:1-1974:4 calculated in a consistent way, thereby improving the data base for analyzing U.S. trade behavior.

II. The interrelations between economic class and end-use trade for the year 1965 has been privately obtained from the Bureau of the Census.² Assuming the relations hold for other years, it is possible to calculate a consistent set of end-use price indices for periods prior to 1967 with the use of available price series for economic class.

* This paper represents the views of the author and should not be interpreted as reflecting the views of the Board of Governors of the Federal Reserve System or other members of its staff.

The author is an economist, Division of International Finance, Board of Governors of the Federal Reserve System. He wants to acknowledge the assistance of Sam Parrillo for programming work and Ken Pannell for collection of data.

¹ End-use disaggregation is likely to reduce the errors of specification by making the identification of demand, namely consumer or producer demands, easier than other alternative disaggregation.

² Mr. Kwack gratefully acknowledges the assistance of the Foreign Trade Division, U.S. Bureau of the Census, which supplied the information to him in 1968, while working as a research associate at the Brookings Institution.

The following procedures were used in creating the end-use price indices for the period 1958:1-1974:4. First, because of limited information on the interrelations between economic class and end-use unit values, exports and imports are divided into three major categories: (1) foods, feeds and beverages, automotive vehicles, consumer goods, and others, (2) industrial supplies and materials, and (3) capital goods except automotive. Consumer goods exports (imports) hereafter are defined as those other than both industrial supplies and materials and capital goods excluding automotive.

Second, the interrelations between economic class and end-use price indices for the year 1965, derived on the basis of the Census information, are as follows:

$$PXC = 0.288PXML + 0.458PXCF + 0.254PXF$$

$$PXISM = 0.277PXML + 0.391PXSM + 0.332PXF$$

$$PXCGEA = (XT-XC-XISM)/((XT/PXT)-(XC/PXC)-(XISM/PXISM))$$

$$PMC = 0.219PMMF + 0.234PMCF + 0.028PMCM + 0.023PMSM + 0.496PMF$$

$$PMISM = 0.317PMCM + 0.406PMSM + 0.277PMF$$

$$PMCGEA = (MT-MC-MISM)/((MT/PMT)-(MC/PMC)-(MISM/PMISM))$$

where:

MC Import value of consumer goods including automotive and foods, feeds and beverages

MCGEA Import value of capital goods except automotive

MISM Import value of industrial supplies and materials

MT Import value, all commodities

PMC Price index (end-use) for imports of consumer goods including automotive and foods, feeds and beverages

PMCF Price index (economic class) for imports of crude foods

PMCGEA	Price index (end-use) for imports of capital goods except automotive
PMCM	Price index (economic class) for imports of crude materials
PMFM	Price index (economic class) for imports of finished manufactures
PMISM	Price index (end-use) for imports of industrial supplies and materials
PMMF	Price index (economic class) for imports of manufactured foods
PMSM	Price index (economic class) for imports of semi-manufactures
PMT	Price index for total imports
PXC	Price index (end-use) for exports of consumer goods including foods, feeds and beverages and automotive
PXCF	Price index (economic class) for exports of crude foods
PXCGEA	Price index (end-use) for exports of capital goods, except automotive
PXCM	Price index (economic class) for exports of crude materials
PXFM	Price index (economic class) for exports of finished manufactures
PXISM	Price index (end-use) for exports of industrial supplies and materials
PXMF	Price index (economic class) for exports of manufactured foods
PXSM	Price index (economic class) for exports of semi-manufactures
PXT	Price index for total exports
XC	Export value of consumer goods including foods, feeds and beverages, and automotive
XCGEA	Export value of capital goods, except automotive
XISM	Export value of industrial supplies and materials
XT	Export value, all commodities

Table 1
Error Statistics, 1967:1-1974:4

	<u>Mean Bias</u>	<u>Root Mean Squared Error</u>	<u>Correlation Coefficient</u>
PXC	0.021	0.087	0.994
PXISM	0.047	0.058	0.992
PXCGEA	-0.048	0.088	0.900
PMC	-0.053	0.068	0.991
PMISM	0.028	0.043	0.999
PMCGEA	0.126	0.160	0.912

Note: Mean Bias = $\frac{1}{n}(\Sigma P - \Sigma A)$ and Root Mean Squared Error
= $\sqrt{\frac{1}{n} \sum (P-A)^2}$, where P is the calculated value, A is
the actual value, and n is the sample size.

Third, using the relationships above and the available price data for economic class, the values of PXC, PXISM, PXCGEA, PMC, PMISM and PMCGEA are computed for the period 1958:1-1974:4. The calculated price indices are listed in Appendix A, and the sources of data used for the computation and published trade price indices by end-use are given in Appendix B.

III. It is natural to ask how well the computed end-use price indices hold for years other than 1965. For this purpose, the calculated values of the price indices are compared to those published by the Bureau of the Census over 1967:1-1974:4. The mean bias, root mean squared error, and correlation coefficient given in Table 1 summarize the errors of the computed values compared with the actual. As indicated by Table 1 and Figures 1-6 in the appendix, the computed indices seem to move very closely with the actual values at least up to 1972:4. The index for capital goods imports is the least satisfactory. Considering that coverage in the compilation of the actual price index for capital goods imports changes frequently and the calculated values are derived residually, the discrepancy between actual and computed values is not surprising. Consequently, the price index for a particular end-use group can be approximately served by the series which combines the computed values for the period 1958:1-1966:4 and the officially published values for the period 1967:1-1974:4. The combined price data are presented in Table 2.

Table 2

Combined End-Use Price Indices, 1958:1-1974:4

I. Export Price Indices

(1967=1.00)

		PXT	PXC	PXISM	PXCG EA
1.	.	0.905994	0.916914	0.957059	0.832916
2.	.	0.893999	0.922446	0.935971	0.810852
3.	.	0.890999	0.915463	0.934942	0.810836
4.	.	0.894999	0.914789	0.945055	0.813700
5.	.	0.902999	0.914161	0.949600	0.835254
6.	.	0.894999	0.899866	0.949406	0.842073
7.	.	0.899999	0.890484	0.950616	0.851409
8.	.	0.905999	0.890297	0.957184	0.863073
9.	.	0.908999	0.891879	0.958494	0.864623
10.	.	0.905999	0.895628	0.955040	0.858339
11.	.	0.911999	0.898220	0.954731	0.872801
12.	.	0.907999	0.894252	0.948182	0.871472
13.	.	0.913999	0.905729	0.954192	0.873038
14.	.	0.927999	0.914154	0.976983	0.889424
15.	.	0.922999	0.911717	0.967029	0.862526
16.	.	0.930999	0.920011	0.969022	0.900482
17.	.	0.927999	0.914412	0.967642	0.904693
18.	.	0.913999	0.913333	0.949813	0.880250
19.	.	0.910999	0.913428	0.937279	0.878319
20.	.	0.913999	0.925585	0.930989	0.881809
21.	.	0.917999	0.934130	0.937500	0.878989
22.	.	0.914999	0.933294	0.933662	0.872226
23.	.	0.911999	0.931739	0.927922	0.868890
24.	.	0.912999	0.925878	0.934560	0.869662
25.	.	0.916999	0.938500	0.929386	0.876228
26.	.	0.913999	0.938212	0.923995	0.872931
27.	.	0.919999	0.933434	0.936883	0.882930
28.	.	0.931999	0.944596	0.958568	0.884360
29.	.	0.956999	0.954958	0.989674	0.926313
30.	.	0.952999	0.944784	0.986588	0.928241
31.	.	0.950999	0.944489	0.980974	0.927418
32.	.	0.946999	0.940672	0.972409	0.928768
33.	.	0.964999	0.963618	1.001118	0.931651
34.	.	0.974999	0.965344	1.01236	0.951589
35.	.	0.988999	1.00142	1.01048	0.949923
36.	.	1.00800	1.02124	1.01497	0.983242
37.	.	1.00400	0.995114	1.01451	1.00347
38.	.	0.995999	1.00939	1.00150	0.975655
39.	.	0.995999	0.993767	0.997497	0.996519
40.	.	1.00400	1.00170	0.986492	1.02434
41.	.	0.994999	0.975678	1.00450	1.00844
42.	.	1.01900	0.975796	0.986492	1.10581
43.	.	1.01300	1.00377	0.967482	1.07799
44.	.	1.02100	1.00866	0.966482	1.09885
45.	.	1.03800	1.01692	0.975486	1.11475
46.	.	1.03400	1.02042	0.975486	1.11773
47.	.	1.05000	1.04068	0.991494	1.12965
48.	.	1.08400	1.06342	1.01351	1.19423
49.	.	1.09600	1.07326	1.01651	1.21112
50.	.	1.10700	1.06357	1.04652	1.22603
51.	.	1.11100	1.06868	1.04952	1.23199
52.	.	1.11500	1.07661	1.05653	1.22801
53.	.	1.15000	1.11314	1.05753	1.28465
54.	.	1.14500	1.11232	1.06153	1.26974
55.	.	1.13400	1.12581	1.07253	1.20914
56.	.	1.14800	1.12443	1.04852	1.26577
57.	.	1.16400	1.13253	1.07251	1.28961
58.	.	1.17200	1.14402	1.08454	1.28763
59.	.	1.17400	1.15893	1.09555	1.27173
60.	.	1.21200	1.23212	1.10955	1.28961
61.	.	1.25900	1.30807	1.15858	1.29160
62.	.	1.31800	1.39565	1.19860	1.33432
63.	.	1.40800	1.58719	1.28264	1.32637
64.	.	1.50500	1.68606	1.39069	1.38400
65.	.	1.62800	1.80537	1.57879	1.47441
66.	.	1.68700	1.80292	1.76588	1.49329
67.	.	1.79900	1.86007	1.98599	1.57575
68.	.	1.91100	2.06020	2.12606	1.60755

II. Import Price Indices

	PMT	PMC	PMISM	PMCGEA
1	0.479999	0.964765	0.989632	1.03229
2	0.968999	0.955862	0.975621	1.04487
3	0.958999	0.945364	0.967928	1.01178
4	0.951999	0.942473	0.966382	0.875387
5	0.941999	0.922361	0.966283	0.813566
6	0.942999	0.917291	0.970116	0.877874
7	0.944999	0.916499	0.977661	0.872144
8	0.958999	0.930899	0.990324	0.860069
9	0.960999	0.925983	0.999563	0.866648
10	0.961999	0.922474	1.00477	0.884117
11	0.962999	0.927796	1.00432	0.858915
12	0.951999	0.924859	0.988691	0.826388
13	0.946999	0.923534	0.982126	0.840504
14	0.945999	0.921683	0.976957	0.839657
15	0.945999	0.916503	0.978957	0.884170
16	0.944999	0.914459	0.982393	0.850015
17	0.931999	0.904008	0.963253	0.850512
18	0.930999	0.908639	0.958480	0.845546
19	0.921099	0.900054	0.948766	0.843021
20	0.919999	0.901208	0.943726	0.863610
21	0.923999	0.906143	0.947845	0.841330
22	0.927999	0.914909	0.945964	0.858908
23	0.933000	0.922910	0.956044	0.866157
24	0.941990	0.928718	0.957975	0.909134
25	0.957999	0.954990	0.967213	0.898893
26	0.962999	0.964968	0.967372	0.910652
27	0.957999	0.960170	0.964343	0.888092
28	0.960999	0.960026	0.970126	0.893815
29	0.964999	0.962036	0.974928	0.906770
30	0.956999	0.945166	0.976701	0.884480
31	0.962999	0.954354	0.979760	0.896939
32	0.975999	0.967576	0.989701	0.939001
33	0.976999	0.975474	0.988810	0.917199
34	0.991999	0.999830	0.997770	0.923514
35	0.990999	0.988714	1.00093	0.947762
36	1.00500	1.00210	1.000947	0.997847
37	1.00500	1.00280	1.00275	1.02678
38	0.998999	1.00276	0.992750	1.01061
39	0.999999	1.00463	0.996749	0.990397
40	0.995999	0.989806	1.00775	0.972206
41	1.00400	1.01016	1.01674	0.913590
42	1.01500	1.00473	1.01674	1.06821
43	1.00700	1.02341	1.00275	0.935824
44	1.02000	1.05732	1.09575	0.856304
45	1.02900	1.05913	1.01275	0.936834
46	1.03300	1.07594	1.00975	0.921675
47	1.04300	1.10098	1.00975	0.899442
48	1.08200	1.15939	1.03074	0.898431
49	1.09700	1.19741	1.03774	0.900453
50	1.10500	1.19146	1.04674	0.934813
51	1.13100	1.19432	1.06473	1.07933
52	1.13900	1.21021	1.06173	1.08944
53	1.16400	1.24404	1.07073	1.13168
54	1.16700	1.26362	1.07473	1.06720
55	1.17700	1.26632	1.09173	1.08135
56	1.19400	1.29479	1.10572	1.03183
57	1.21600	1.32007	1.11972	1.05611
58	1.25500	1.38273	1.14871	1.08438
59	1.27200	1.38489	1.16271	1.17231
60	1.30200	1.42753	1.18070	1.19252
61	1.35100	1.47292	1.22969	1.27943
62	1.46600	1.62033	1.31067	1.38959
63	1.52100	1.68519	1.39765	1.34411
64	1.65400	1.75599	1.60460	1.43608
65	1.92500	1.76727	2.31042	1.39464
66	2.19200	1.90240	2.77630	1.49671
67	2.33900	2.02248	2.91727	1.58565
68	2.42200	2.11647	2.95626	1.44628

Appendices

A - Computed End-Use Price Indices, 1958:1-1974:4

B - Variable Notations, Sources, and Published
Data, 1958:1-1974:4

Figures 1-6: Actual and Computed Price Indices,
1967:1-1974:4

Appendix A

Calculated End-Use Price Indices, 1958:1-1974:4

I. Export Price Indices (1967=1.00)

	PXT	PXC	PXISM	PXCG EA
1.	. 0.905999	. 0.916914	. 0.957059	. 0.832916
2.	. 0.843999	. 0.922446	. 0.935971	. 0.810852
3.	. 0.890999	. 0.915463	. 0.934942	. 0.810836
4.	. 0.894999	. 0.914789	. 0.945055	. 0.813700
5.	. 0.902999	. 0.914161	. 0.949600	. 0.835254
6.	. 0.896999	. 0.899866	. 0.949406	. 0.842073
7.	. 0.899999	. 0.890484	. 0.950616	. 0.851409
8.	. 0.905999	. 0.890297	. 0.957184	. 0.863073
9.	. 0.908999	. 0.891879	. 0.958494	. 0.864623
10.	. 0.905999	. 0.895828	. 0.955040	. 0.858338
11.	. 0.911999	. 0.898220	. 0.954731	. 0.872801
12.	. 0.907999	. 0.894252	. 0.948182	. 0.871472
13.	. 0.913999	. 0.905729	. 0.954192	. 0.873038
14.	. 0.927999	. 0.914154	. 0.976983	. 0.889424
15.	. 0.922999	. 0.911717	. 0.967029	. 0.862526
16.	. 0.930999	. 0.920011	. 0.969022	. 0.904682
17.	. 0.927999	. 0.914412	. 0.967642	. 0.904693
18.	. 0.913999	. 0.913333	. 0.949813	. 0.880250
19.	. 0.910999	. 0.913428	. 0.937279	. 0.878319
20.	. 0.913999	. 0.925585	. 0.930989	. 0.881809
21.	. 0.917999	. 0.934130	. 0.937500	. 0.878989
22.	. 0.914999	. 0.933294	. 0.933662	. 0.872226
23.	. 0.911999	. 0.931739	. 0.927922	. 0.868890
24.	. 0.912999	. 0.925878	. 0.934560	. 0.869662
25.	. 0.916999	. 0.938500	. 0.929386	. 0.876228
26.	. 0.913999	. 0.938212	. 0.923995	. 0.872931
27.	. 0.919999	. 0.933434	. 0.936883	. 0.882930
28.	. 0.931999	. 0.944596	. 0.958568	. 0.884360
29.	. 0.956999	. 0.954958	. 0.989674	. 0.926313
30.	. 0.952999	. 0.944784	. 0.986588	. 0.928241
31.	. 0.950999	. 0.944489	. 0.980974	. 0.927418
32.	. 0.946999	. 0.940672	. 0.972409	. 0.928768
33.	. 0.964999	. 0.963e18	1.001118	. 0.931651
34.	. 0.974999	. 0.96534	1.01236	. 0.951589
35.	. 0.988999	1.00142	1.01048	. 0.949923
36.	. 1.00800	. 1.02124	. 1.01497	. 0.983242
37.	. 1.00400	. 1.01101	. 1.01458	. 0.985633
38.	. 0.995999	. 1.00588	. 1.00214	. 0.979228
39.	. 0.995999	. 0.999677	. 0.991827	. 0.996069
40.	. 1.00400	. 0.983400	. 0.991444	. 1.04521
41.	. 0.994999	. 0.990083	. 0.987107	. 1.00829
42.	. 1.01900	. 1.00425	. 1.00306	. 1.05158
43.	. 1.01300	. 0.979682	. 0.989639	. 1.07935
44.	. 1.02100	. 0.985883	. 0.997483	. 1.09620
45.	. 1.03800	. 1.01343	. 1.00329	. 1.09318
46.	. 1.03400	. 1.01123	. 0.999935	. 1.10037
47.	. 1.05000	. 1.01209	. 1.01973	. 1.13186
48.	. 1.08400	. 1.01396	. 1.04596	. 1.23078
49.	. 1.09600	. 1.02826	. 1.05773	. 1.21814
50.	. 1.10700	. 1.03031	. 1.08055	. 1.23045
51.	. 1.11100	. 1.05166	. 1.08477	. 1.21109
52.	. 1.11500	. 1.06704	. 1.08858	. 1.20314
53.	. 1.15000	. 1.09865	. 1.11285	. 1.24320
54.	. 1.14500	. 1.10649	. 1.11428	. 1.21953
55.	. 1.13400	. 1.09200	. 1.10926	. 1.21152
56.	. 1.14800	. 1.07636	. 1.11301	. 1.27240
57.	. 1.16400	. 1.09182	. 1.13206	. 1.27876
58.	. 1.17200	. 1.10427	. 1.14588	. 1.28288
59.	. 1.17400	. 1.11804	. 1.15716	. 1.26381
60.	. 1.21200	. 1.20028	. 1.18234	. 1.25574
61.	. 1.25900	. 1.31362	. 1.25342	. 1.19909
62.	. 1.31800	. 1.40399	. 1.34037	. 1.20175
63.	. 1.40800	. 1.66870	. 1.41683	. 1.15314
64.	. 1.50500	. 1.89685	. 1.49886	. 1.14367
65.	. 1.62800	. 2.05572	. 1.66903	. 1.24406
66.	. 1.68700	. 2.04194	. 1.80894	. 1.30485
67.	. 1.79900	. 2.02729	. 2.01586	. 1.43827
68.	. 1.91100	. 2.22326	. 2.12662	. 1.49855

II. Import Price Indices (1967=1.00)

	PMT	PMC	PMISM	PMCGEA
1	. 0.970999	0.964765	0.989632	1.03229
2	. 0.968999	0.955662	0.975621	1.04487
3	. 0.958999	0.945364	0.967928	1.01178
4	. 0.951999	0.942473	0.966382	0.875387
5	. 0.941999	0.922361	0.968283	0.813566
6	. 0.942999	0.917291	0.970116	0.877874
7	. 0.944999	0.916499	0.977661	0.872144
8	. 0.958999	0.930899	0.990324	0.860069
9	. 0.960999	0.925983	0.999563	0.846648
10	. 0.961999	0.922474	1.00477	0.884117
11	. 0.962999	0.927798	1.00432	0.858915
12	. 0.951999	0.924859	0.988691	0.826388
13	. 0.948999	0.923538	0.982126	0.840504
14	. 0.945999	0.921683	0.976957	0.839657
15	. 0.945999	0.916503	0.978957	0.884170
16	. 0.944999	0.914459	0.982393	0.850015
17	. 0.931999	0.904008	0.963253	0.850512
18	. 0.930999	0.908639	0.958480	0.845546
19	. 0.921999	0.900054	0.948766	0.843021
20	. 0.919999	0.901208	0.943726	0.863610
21	. 0.923999	0.906143	0.947845	0.841330
22	. 0.927999	0.914909	0.945964	0.858908
23	. 0.933999	0.922910	0.950044	0.866157
24	. 0.941999	0.928718	0.957975	0.909134
25	. 0.957999	0.954990	0.967213	0.898893
26	. 0.962999	0.964968	0.967372	0.910652
27	. 0.957999	0.960170	0.964343	0.888092
28	. 0.960999	0.960026	0.970126	0.893815
29	. 0.964999	0.962036	0.974928	0.906770
30	. 0.956999	0.945166	0.976701	0.884480
31	. 0.962999	0.954354	0.979760	0.896939
32	. 0.975999	0.967576	0.989701	0.939001
33	. 0.976999	0.975474	0.988810	0.917199
34	. 0.991199	0.999830	0.997770	0.923514
35	. 0.990999	0.988714	1.00093	0.947762
36	. 1.00500	1.00210	1.000947	0.997847
37	. 1.00500	1.00459	1.00530	1.00548
38	. 0.998099	0.998304	0.995620	1.01873
39	. 0.999999	1.000045	0.997651	1.00629
40	. 0.995999	0.996141	1.00122	0.968903
41	. 1.00400	1.00052	1.00954	0.993868
42	. 1.01500	1.01287	1.01458	1.02984
43	. 1.00700	1.01065	1.00484	0.996208
44	. 1.02000	1.02446	1.01132	1.03418
45	. 1.02900	1.02823	1.03657	0.999540
46	. 1.03300	1.03375	1.03391	1.02496
47	. 1.04300	1.04265	1.03825	1.06620
48	. 1.08200	1.09121	1.06995	1.07750
49	. 1.09700	1.11908	1.07704	1.06392
50	. 1.10500	1.13604	1.07816	1.04917
51	. 1.13100	1.16078	1.10417	1.08086
52	. 1.13900	1.16864	1.10702	1.10619
53	. 1.16400	1.18570	1.12237	1.21137
54	. 1.16700	1.17917	1.12597	1.28169
55	. 1.17700	1.18397	1.14073	1.30969
56	. 1.19400	1.19770	1.15738	1.34760
57	. 1.21600	1.21966	1.17181	1.36110
58	. 1.25500	1.26324	1.20146	1.43345
59	. 1.27200	1.29092	1.21479	1.41291
60	. 1.30200	1.32993	1.24076	1.40091
61	. 1.35100	1.37455	1.29650	1.44463
62	. 1.46600	1.49394	1.40418	1.55678
63	. 1.52100	1.55511	1.47643	1.52967
64	. 1.65400	1.66072	1.66920	1.56986
65	. 1.92500	1.73038	2.31064	1.50897
66	. 2.19200	1.88469	2.75587	1.57957
67	. 2.33900	2.01262	2.87573	1.68695
68	. 2.42200	2.10969	2.91731	1.74111

Appendix B

Variable Notations, Sources, and Published Data 1958:1-1974:4

I. Notations

MC	Imports of consumer goods including auto vehicles and foods, feeds and beverages
MCGEA	Imports of capital goods, except automotive
MISM	Imports of industrial supplies and materials
MT	Imports, all commodities
PMC	Unit value index (end-use) for imports of consumer goods
PMCF	Unit value index (economic class) for imports of crude foods
PMCGEA	Unit value index (end-use) for imports of capital goods except automotive
PMCM	Unit value index (economic class) for imports of crude materials
PMFM	Unit value index (economic class) for imports of finished manufactures
PMISM	Unit value index (end-use) for imports of industrial supplies and materials
PMMF	Unit value index (economic class) for imports of manufactured foods
PMSM	Unit value index (economic class) for imports of semi-manufactures
PMT	Unit value index for total imports
PXC	Unit value index (end-use) for exports of consumer goods, including automotive and foods, feeds and beverages
PXCF	Unit value index (economic class) for exports of crude foods
PXCGEA	Unit value index (end-use) for exports of capital goods except automotive
PXCM	Unit value index (economic class) for exports of crude materials
PXFH	Unit value index (economic class) for exports of finished manufactures

PXISM	Unit value index (end-use) for exports of industrial supplies and materials
PXMF	Unit value index (economic class) for exports of manufactured foods
PXSM	Unit value index (economic class) for exports of semi-manufactures
PXT	Unit value index for total exports
XC	Exports of consumer goods including automotive and foods, feeds and beverages
XCGEA	Exports of capital goods, except automotive
XIISM	Exports of industrial supplies and materials
XT	Exports, all commodities

II. Sources (Bureau of the Census, Department of Commerce)

1. U.S. Exports & Imports: Classified by OBE End-Use Commodity Categories, 1923-1968, 1970
2. Indexes of U.S. Exports and Imports by Economic Class: 1919 to 1971, 1972
3. Survey of Current Business, various issues
4. Trends in U.S. Foreign Trade, various issues
5. Highlights of U.S. Export and Import Trade, FT 990, various issues
6. Indexes and Related Data for U.S. General Imports of All Commodities, various computer print outputs
7. Indexes and Related Data for U.S. Domestic Exports of All Commodities, various computer print outputs

III. Values of Exports by End-Use, 1958:1-1974:4

	XT	XCGEA	XISM	XC
1	17.6240	4.80400	6.48800	6.33200
2	16.3080	4.92000	6.54400	6.84400
3	16.7360	4.54900	6.11200	5.07600
4	18.9840	4.73200	6.60000	7.65200
5	16.5680	4.38800	5.62000	6.56000
6	17.8840	4.61600	6.00400	7.06400
7	17.5040	4.50800	6.19600	6.80000
8	18.6160	4.75600	6.76400	7.09600
9	19.6240	4.99600	7.58400	7.04400
10	21.5320	5.88400	8.04400	7.60400
11	19.7840	5.51600	7.76400	6.50400
12	21.4600	5.64800	8.30800	7.50400
13	21.1000	5.72000	7.97600	7.40400
14	20.7160	6.12000	7.45200	7.14400
15	19.8680	5.64800	7.51200	6.70800
16	22.4640	6.15200	7.88000	8.43200
17	21.1920	6.36800	8.88400	7.94000
18	23.3880	7.07600	7.36800	8.94400
19	20.6520	5.98400	7.23600	7.43200
20	21.6200	6.34400	7.04400	8.23200
21	21.0200	6.28000	6.84400	7.89600
22	24.4560	7.02800	7.79200	9.63600
23	22.3280	6.23200	7.90400	8.19200
24	25.7480	6.87600	8.74800	10.1240
25	25.7720	7.32000	8.57200	9.88000
26	26.5560	7.57200	8.92000	10.0640
27	25.0560	6.98000	9.06400	9.01200
28	29.2160	7.97600	10.1800	11.0600
29	23.3440	6.98400	7.57600	8.78400
30	29.5760	8.88000	9.75200	10.9440
31	26.5760	7.72800	8.71600	10.1320
32	30.5840	8.56400	9.62400	12.3960
33	29.0280	8.65200	9.02000	11.3560
34	31.2920	9.20000	9.53600	12.5560
35	29.2000	8.38800	9.81200	11.0000
36	32.2000	9.33200	10.0880	12.7800
37	31.4200	9.88400	9.96000	11.5760
38	32.5720	10.4440	10.4360	11.6920
39	29.8400	9.34000	9.64800	10.8520
40	32.6560	9.98000	9.84400	12.8320
41	32.6760	10.5960	9.92000	12.1600
42	35.2680	11.6360	11.2040	12.4280
43	34.3240	10.9320	11.8720	11.5200
44	36.2760	11.1240	11.0240	14.1280
45	30.9040	11.2040	8.49600	11.2040
46	41.3280	13.0520	13.0400	15.2360
47	37.7600	12.0040	12.4280	13.3280
48	42.0320	13.1320	13.1520	15.7480
49	41.3680	14.0200	13.3280	14.0200
50	45.4240	15.1540	14.5600	15.6800
51	41.0880	13.5880	13.2960	14.2040
52	45.0280	14.6720	14.0000	16.3560
53	44.9840	15.8520	12.9680	16.1640
54	46.2400	15.7640	13.4280	17.0480
55	44.3400	14.4720	13.7800	16.0680
56	46.9840	14.3360	10.5920	16.0560
57	48.1080	17.9160	13.9440	17.1480
58	48.7160	16.8000	13.1160	18.8000
59	46.8520	15.4320	13.4080	18.0120
60	55.3960	17.4360	15.4560	22.5040
61	62.6080	19.8680	17.0400	25.7000
62	70.2160	21.8240	19.1440	29.2480
63	68.9080	20.6200	19.9120	28.3760
64	83.5240	23.7560	22.9800	36.7880
65	90.9080	27.1240	26.7080	37.0760
66	101.128	30.3560	32.0600	38.7120
67	93.4480	28.5280	30.9040	34.0160
68	108.540	33.6760	31.9080	42.9560

IV. Values of Imports by End-Use, 1958:1-1974:4

		M7	MCSEA	MISM	MC
1	.	13.1200	0.412000	7.04400	5.66400
2	.	13.1320	0.488000	6.73200	5.91200
3	.	12.8960	0.448000	6.60400	5.84400
4	.	14.5280	0.492000	7.40000	6.53600
5	.	14.7600	0.532000	7.98800	6.24000
6	.	15.8640	0.652000	8.48000	6.73200
7	.	15.8480	0.556000	8.09200	7.20000
8	.	16.2840	0.624000	8.80800	6.85200
9	.	15.7040	0.596000	8.53200	6.57500
10	.	15.7240	0.620000	8.21600	6.88800
11	.	14.5920	0.512000	7.54000	6.54000
12	.	14.2660	0.520000	7.26000	6.48800
13	.	13.9360	0.604000	7.26800	6.06400
14	.	14.1200	0.640000	7.52000	5.96000
15	.	14.9840	0.776000	7.76800	6.44000
16	.	15.9960	0.752000	8.30000	6.94400
17	.	15.9200	0.804000	8.59600	6.52000
18	.	16.6120	0.808000	8.83200	6.97200
19	.	16.2040	0.668000	8.39200	7.14400
20	.	17.10760	0.756000	8.47200	7.84800
21	.	15.9240	0.764000	8.33200	6.82800
22	.	17.1480	0.856000	9.06800	7.22400
23	.	17.5080	0.768000	9.04000	7.70000
24	.	18.2440	0.904000	9.06000	8.28000
25	.	17.5600	0.972000	9.16400	7.42400
26	.	18.4920	1.03200	9.55600	7.90400
27	.	18.7200	1.03600	9.62800	8.05400
28	.	20.2240	1.11600	9.90800	9.20000
29	.	18.4880	1.22000	9.91600	7.35200
30	.	21.9960	1.50800	11.6280	8.86000
31	.	21.9680	1.44000	11.1600	9.36800
32	.	23.6280	1.66800	11.3920	10.5680
33	.	23.6480	1.84400	11.4240	10.3800
34	.	25.4120	2.11600	12.4760	10.8200
35	.	26.2640	2.16400	12.5240	11.4760
36	.	27.1480	2.41600	12.1280	12.6040
37	.	26.5440	2.45200	12.0680	12.0240
38	.	26.4240	2.39200	11.8560	12.1760
39	.	25.6880	2.29200	11.0680	12.3280
40	.	28.9040	2.38800	12.4280	14.0880
41	.	31.0560	2.68000	14.0440	14.3320
42	.	33.0240	2.73200	14.3720	15.9200
43	.	33.8280	2.76800	14.2840	16.7760
44	.	34.9960	2.94400	13.9360	18.1160
45	.	29.6360	2.63200	12.1320	14.8720
46	.	39.1240	3.59600	15.6640	19.8640
47	.	36.7640	3.32000	14.4120	19.0320
48	.	38.6480	3.32400	14.4320	20.8920
49	.	37.8120	3.69200	14.5960	19.5240
50	.	40.2840	3.91600	15.0400	21.3280
51	.	39.5160	3.70000	14.9600	20.8560
52	.	42.2400	3.82400	15.8720	22.5440
53	.	42.0680	4.04000	15.4160	22.6120
54	.	48.0480	4.39600	18.0480	25.6040
55	.	47.1520	4.17200	17.9320	25.0480
56	.	45.1400	3.90400	16.4840	24.7520
57	.	53.2040	5.48400	17.8800	29.8400
58	.	54.9440	5.58800	19.9200	29.4360
59	.	54.1040	5.28800	20.1280	28.6880
60	.	59.9680	5.93200	22.0840	31.9520
61	.	63.8600	6.79200	23.9640	33.1040
62	.	69.1320	7.65200	25.4440	36.0360
63	.	67.7400	7.66000	26.1160	33.9640
64	.	75.7440	8.00800	30.6440	37.0920
65	.	84.6920	8.32400	38.9600	37.4080
66	.	103.308	9.86400	51.8560	41.5680
67	.	106.456	10.0520	55.9800	40.4240
68	.	109.432	9.94400	59.5760	40.9120

V. Published Export Price Indices by End-Use, 1958:1-1974:4

		PXT	PXC	PXISM	PXCGEA
1	.	0.905999			
2	.	0.893999			
3	.	0.890999			
4	.	0.896999			
5	.	0.902999			
6	.	0.898999			
7	.	0.899999			
8	.	0.905999			
9	.	0.908999			
10	.	0.905999			
11	.	0.911999			
12	.	0.907999			
13	.	0.913999			
14	.	0.927999			
15	.	0.922999			
16	.	0.930999			
17	.	0.927999			
18	.	0.913999			
19	.	0.910999			
20	.	0.913999			
21	.	0.917999			
22	.	0.914999			
23	.	0.911999			
24	.	0.912999			
25	.	0.916999			
26	.	0.913999			
27	.	0.919999			
28	.	0.931999			
29	.	0.956999			
30	.	0.952999			
31	.	0.950999			
32	.	0.946999			
33	.	0.964999			
34	.	0.974999			
35	.	0.988999			
36	.	1.00800			
37	.	1.00400	0.995114	1.01451	1.00347
38	.	0.995999	1.00939	1.00150	0.975655
39	.	0.995999	0.993767	0.997497	0.996519
40	.	1.00400	1.00170	0.986492	1.02434
41	.	0.994999	0.975678	1.00450	1.00844
42	.	1.01900	0.975796	0.986492	1.10581
43	.	1.01300	1.00377	0.967482	1.07799
44	.	1.02100	1.00866	0.966482	1.09885
45	.	1.03800	1.01692	0.975486	1.11475
46	.	1.03400	1.02042	0.975486	1.11773
47	.	1.05000	1.04068	0.991494	1.12965
48	.	1.08400	1.06342	1.01351	1.19423
49	.	1.09600	1.07326	1.01651	1.21112
50	.	1.10700	1.06357	1.04652	1.22603
51	.	1.11100	1.06868	1.04952	1.23199
52	.	1.11500	1.07661	1.05653	1.22801
53	.	1.15000	1.11314	1.05753	1.28465
54	.	1.14500	1.11232	1.06153	1.26974
55	.	1.13400	1.12581	1.07253	1.20914
56	.	1.14800	1.12443	1.04852	1.26577
57	.	1.16400	1.13253	1.07253	1.28961
58	.	1.17200	1.14402	1.08454	1.28763
59	.	1.17400	1.15893	1.09555	1.27173
60	.	1.21200	1.23212	1.10955	1.28961
61	.	1.25900	1.30807	1.15858	1.29160
62	.	1.31800	1.39565	1.19860	1.33432
63	.	1.40800	1.58718	1.28264	1.32637
64	.	1.50500	1.68606	1.39069	1.38400
65	.	1.62800	1.80537	1.57879	1.47441
66	.	1.68700	1.80292	1.76588	1.49329
67	.	1.79900	1.86007	1.98599	1.57575
68	.	1.91100	2.06020	2.12606	1.60755

VI. Published Import Price Indices by End-Use, 1958:1-1974:4

	PMT	PMC	PMISM	PMCGEA
1	.	0.970999		
2	.	0.968999		
3	.	0.958999		
4	.	0.951999		
5	.	0.941999		
6	.	0.942999		
7	.	0.944999		
8	.	0.958999		
9	.	0.960999		
10	.	0.961999		
11	.	0.962999		
12	.	0.951999		
13	.	0.948999		
14	.	0.945999		
15	.	0.945999		
16	.	0.944999		
17	.	0.931999		
18	.	0.930999		
19	.	0.921999		
20	.	0.919999		
21	.	0.923999		
22	.	0.927999		
23	.	0.933099		
24	.	0.941999		
25	.	0.957999		
26	.	0.962999		
27	.	0.957999		
28	.	0.960999		
29	.	0.964999		
30	.	0.956999		
31	.	0.962999		
32	.	0.975999		
33	.	0.976999		
34	.	0.991999		
35	.	0.990999		
36	.	1.005000		
37	.	1.005000	1.00275	1.02678
38	.	0.998999	1.00276	1.01061
39	.	0.999999	1.00463	0.996749
40	.	0.995999	0.989806	0.972206
41	.	1.00400	1.01016	0.913590
42	.	1.001500	1.00473	1.01674
43	.	1.00700	1.02341	1.00275
44	.	1.02000	1.05732	1.00575
45	.	1.02900	1.05913	1.01275
46	.	1.03300	1.07594	1.00975
47	.	1.04300	1.10098	1.00975
48	.	1.08200	1.15939	1.03074
49	.	1.09700	1.19741	1.03774
50	.	1.10500	1.19146	1.04674
51	.	1.13100	1.19432	1.06473
52	.	1.13900	1.21021	1.06173
53	.	1.16400	1.24404	1.07073
54	.	1.16700	1.26362	1.07473
55	.	1.17700	1.26632	1.09173
56	.	1.19400	1.29479	1.10572
57	.	1.21600	1.32007	1.11972
58	.	1.25500	1.38273	1.14871
59	.	1.27200	1.38489	1.16271
60	.	1.30200	1.42753	1.18070
61	.	1.35100	1.47292	1.22969
62	.	1.46600	1.62033	1.31067
63	.	1.52100	1.68519	1.39765
64	.	1.65400	1.75599	1.40400
65	.	1.92500	1.76727	2.31042
66	.	2.19200	1.90240	2.77630
67	.	2.33900	2.02248	2.91727
68	.	2.42200	2.11647	2.95626
				1.64628

VII. Published Export Price Indices by Economic Class

	PXT	PXCF	PXMF	PXCM	PXSM	PXFIM
1	. 0.905999	0.930477	0.954360	0.974267	1.03578	0.849999
2	. 0.893999	0.937428	0.972217	0.952284	1.00675	0.838999
3	. 0.890994	0.931470	0.958329	0.941292	1.01276	0.837999
4	. 0.896999	0.918561	0.971225	0.935297	1.03778	0.843999
5	. 0.902999	0.937428	0.927575	0.933298	1.03978	0.856999
6	. 0.893999	0.933456	0.886900	0.926303	1.04678	0.853999
7	. 0.899999	0.913595	0.877972	0.921307	1.04578	0.862999
8	. 0.905999	0.901679	0.883924	0.894327	1.05980	0.876499
9	. 0.908999	0.922533	0.857139	0.907318	1.06480	0.875999
10	. 0.905999	0.914586	0.887892	0.909316	1.05879	0.870999
11	. 0.911999	0.915582	0.884916	0.906318	1.05079	0.881999
12	. 0.907999	0.912602	0.874996	0.908317	1.03177	0.882999
13	. 0.913999	0.932463	0.877972	0.931300	1.02577	0.866999
14	. 0.927999	0.927498	0.910710	0.972269	1.05079	0.893999
15	. 0.922999	0.943387	0.876980	0.953283	1.03878	0.893999
16	. 0.930999	0.956296	0.872019	0.962276	1.02477	0.908999
17	. 0.927999	0.958282	0.851186	0.958279	1.02577	0.906999
18	. 0.913999	0.955303	0.868051	0.959279	0.994744	0.866999
19	. 0.910999	0.955303	0.863091	0.956281	0.959718	0.894999
20	. 0.913999	0.967220	0.881940	0.940293	0.950711	0.899999
21	. 0.917999	0.992046	0.873012	0.952284	0.959718	0.898999
22	. 0.914999	0.988073	0.879956	0.950285	0.954714	0.894999
23	. 0.911999	0.985094	0.881940	0.947288	0.944707	0.891999
24	. 0.912999	0.977150	0.875988	0.955282	0.957717	0.889999
25	. 0.916999	0.991052	0.888884	0.954282	0.936701	0.899999
26	. 0.913999	0.999990	0.878964	0.929301	0.945708	0.893999
27	. 0.919999	0.980129	0.886900	0.949286	0.957717	0.901999
28	. 0.931999	0.991052	0.904757	0.966273	0.997747	0.905999
29	. 0.956999	0.983108	0.929559	1.00524	1.02677	0.932999
30	. 0.952999	0.957289	0.933527	1.00724	1.01576	0.934999
31	. 0.950999	0.947359	0.947416	0.994252	1.00976	0.935999
32	. 0.946999	0.934449	0.957336	0.961277	1.01376	0.932999
33	. 0.964999	0.967220	0.975194	1.01524	1.03978	0.943999
34	. 0.974999	0.962254	0.981146	1.04621	1.03878	0.952999
35	. 0.988999	1.00595	1.02281	1.03722	1.02677	0.968999
36	. 1.00800	1.01588	1.04761	1.01224	1.02877	1.00100
37	. 1.00400	1.02482	0.997019	1.03222	1.01276	1.00200
38	. 0.995999	1.02283	0.999995	1.00424	1.01776	0.981999
39	. 0.949599	0.994032	1.01190	0.998249	0.983736	0.995999
40	. 1.00400	0.958282	0.991066	0.965274	0.985738	1.02000
41	. 0.994999	0.975164	0.998011	0.992254	0.965723	1.00800
42	. 1.01900	0.973178	1.02480	0.988257	0.984737	1.03700
43	. 1.01300	0.927498	1.00595	0.982261	0.948710	1.04400
44	. 1.02100	0.931470	1.00793	0.998249	0.944707	1.05900
45	. 1.03800	0.967220	1.03174	1.00025	0.943706	1.07600
46	. 1.03400	0.972185	1.01884	0.983261	0.949711	1.07300
47	. 1.05000	0.969206	1.00892	0.998249	0.972728	1.09300
48	. 1.08400	0.944380	1.00992	1.00924	0.988740	1.14400
49	. 1.09600	0.958282	1.02777	1.02723	0.996746	1.15500
50	. 1.10700	0.957289	1.03472	1.05920	1.03077	1.15700
51	. 1.11100	0.980129	1.07341	1.07419	1.03177	1.15600
52	. 1.11500	1.02680	1.05257	1.10917	1.01676	1.15600
53	. 1.15000	1.07149	1.05158	1.15413	1.00875	1.20100
54	. 1.14500	1.06851	1.09325	1.15413	1.02176	1.19000
55	. 1.13400	1.03375	1.11408	1.17312	1.01076	1.17200
56	. 1.14800	0.995025	1.09226	1.17112	0.993744	1.20500
57	. 1.16400	1.01290	1.10515	1.24007	0.981735	1.21900
58	. 1.17200	1.00793	1.15277	1.25406	1.00375	1.22300
59	. 1.17400	1.02184	1.18551	1.28603	1.01676	1.21500
60	. 1.21200	1.12412	1.28372	1.32500	1.02977	1.24300
61	. 1.25900	1.26116	1.45932	1.47989	1.10182	1.24300
62	. 1.31800	1.33067	1.63789	1.63877	1.18769	1.27100
63	. 1.40800	1.66334	2.01388	1.70772	1.32099	1.28700
64	. 1.50500	2.06651	2.11110	1.74569	1.45209	1.34800
65	. 1.62800	2.35350	2.15078	1.96952	1.67525	1.41100
66	. 1.68700	2.36542	2.05753	2.11941	1.90142	1.44100
67	. 1.79900	2.31179	2.00197	2.45316	2.10758	1.54300
68	. 1.91100	2.65836	2.06249	2.65500	2.18163	1.62100

VIII. Published Import Price Indices by Economic Class

	PMT	PMCF	PMMF	PMCM	PMSM	PMFM
1	. 0.979999	1.08246	0.864916	1.02748	0.987999	0.948710
2	. 0.968999	1.05147	0.869910	1.02648	0.956999	0.944707
3	. 0.958999	1.01249	0.881895	1.00450	0.959999	0.937702
4	. 0.951999	0.960518	0.884891	1.00949	0.939999	0.955715
5	. 0.941999	0.915541	0.872906	1.02349	0.943999	0.940704
6	. 0.942999	0.921538	0.858924	1.00849	0.964999	0.933699
7	. 0.944999	0.885556	0.877900	1.02449	0.966999	0.939703
8	. 0.958999	0.889554	0.884891	1.04048	0.969999	0.962720
9	. 0.960999	0.905546	0.852931	1.06247	0.978999	0.957717
10	. 0.961999	0.869554	0.847938	1.06946	0.984999	0.959718
11	. 0.962999	0.880558	0.864916	1.05847	0.986999	0.967724
12	. 0.951999	0.880558	0.863917	1.01949	0.980999	0.964722
13	. 0.948999	0.867565	0.864916	1.01449	0.965999	0.968725
14	. 0.945999	0.846575	0.867912	0.995501	0.963999	0.974729
15	. 0.945999	0.858569	0.860921	1.01149	0.965999	0.960719
16	. 0.944999	0.850573	0.858924	1.01849	0.968999	0.960719
17	. 0.931999	0.842577	0.855927	1.00749	0.939999	0.946738
18	. 0.930999	0.840578	0.860921	1.00250	0.925999	0.955715
19	. 0.921999	0.828584	0.854929	0.995501	0.912999	0.947709
20	. 0.919999	0.818589	0.865915	0.988504	0.903999	0.950711
21	. 0.923999	0.831583	0.872906	1.00150	0.903999	0.950711
22	. 0.927999	0.825586	0.928836	0.996500	0.905999	0.946708
23	. 0.933999	0.824586	0.958799	0.996500	0.913999	0.949711
24	. 0.941999	0.842577	0.954804	1.00650	0.922999	0.953714
25	. 0.957999	0.935531	0.965790	1.02149	0.931999	0.956716
26	. 0.962999	1.01249	0.933830	1.01349	0.939999	0.954714
27	. 0.957999	1.03648	0.898874	0.995501	0.949999	0.949711
28	. 0.960999	1.04468	0.885890	0.997500	0.961999	0.950711
29	. 0.964999	1.03448	0.897875	0.998499	0.970999	0.953714
30	. 0.956999	0.990503	0.910859	1.00749	0.981999	0.933699
31	. 0.962999	0.982507	0.916851	1.00350	0.978999	0.953714
32	. 0.975999	0.991503	0.929835	1.00550	0.990999	0.969726
33	. 0.976999	1.02349	0.946814	1.01649	0.984999	0.962720
34	. 0.991999	1.05747	0.961770	1.02349	0.989999	0.979733
35	. 0.990999	1.01649	0.977775	1.03648	0.988999	0.977732
36	. 1.00500	1.02249	1.00075	1.05847	0.983999	0.990741
37	. 1.00500	1.00650	0.992756	1.01549	0.994999	1.00875
38	. 0.998999	0.989504	0.994754	0.986505	0.996999	1.00475
39	. 0.999999	1.00350	1.00174	1.00050	0.993999	0.999748
40	. 0.995999	1.00050	1.01073	0.997500	1.01400	0.986738
41	. 1.00400	1.01049	0.993755	0.997500	1.02700	0.997747
42	. 1.01500	1.01749	0.999747	0.995501	1.02890	1.01674
43	. 1.00700	1.01149	1.01772	1.00849	0.999999	1.00775
44	. 1.02000	1.01449	1.03470	0.999499	1.01000	1.02677
45	. 1.02900	1.04248	1.03271	1.05247	1.03700	1.01776
46	. 1.03300	1.02648	1.05468	1.03148	1.04000	1.02777
47	. 1.04300	1.02149	1.06866	1.03548	1.03800	1.04178
48	. 1.08200	1.10145	1.09363	1.08246	1.04800	1.08781
49	. 1.09700	1.18541	1.09263	1.06946	1.06400	1.10483
50	. 1.10500	1.22638	1.12060	1.04348	1.08500	1.10783
51	. 1.13100	1.25337	1.13358	1.06047	1.11600	1.13685
52	. 1.13900	1.25737	1.12958	1.05547	1.11600	1.15286
53	. 1.16400	1.21439	1.14556	1.07046	1.11000	1.19990
54	. 1.16700	1.15242	1.17353	1.04248	1.13800	1.20390
55	. 1.17700	1.13943	1.18052	1.06147	1.15200	1.21491
56	. 1.19400	1.16442	1.17353	1.09145	1.15800	1.23192
57	. 1.21600	1.16542	1.19850	1.09745	1.16700	1.26395
58	. 1.25500	1.20639	1.24943	1.09745	1.21000	1.30798
59	. 1.27200	1.27236	1.27041	1.1444	1.22000	1.32199
60	. 1.30200	1.35732	1.28639	1.13643	1.24700	1.35101
61	. 1.35100	1.37831	1.35830	1.19740	1.30800	1.39304
62	. 1.46600	1.50824	1.46417	1.30235	1.40800	1.51513
63	. 1.52100	1.60120	1.56704	1.38031	1.50800	1.54015
64	. 1.65400	1.70115	1.70386	1.61919	1.74100	1.62121
65	. 1.92500	1.67616	1.74781	2.79060	2.38100	1.65824
66	. 2.19200	1.79310	1.88064	3.60919	2.74700	1.79234
67	. 2.33900	1.83308	2.10936	3.72213	2.86600	1.91844
68	. 2.42200	1.73713	2.43994	3.63318	2.97500	2.01351

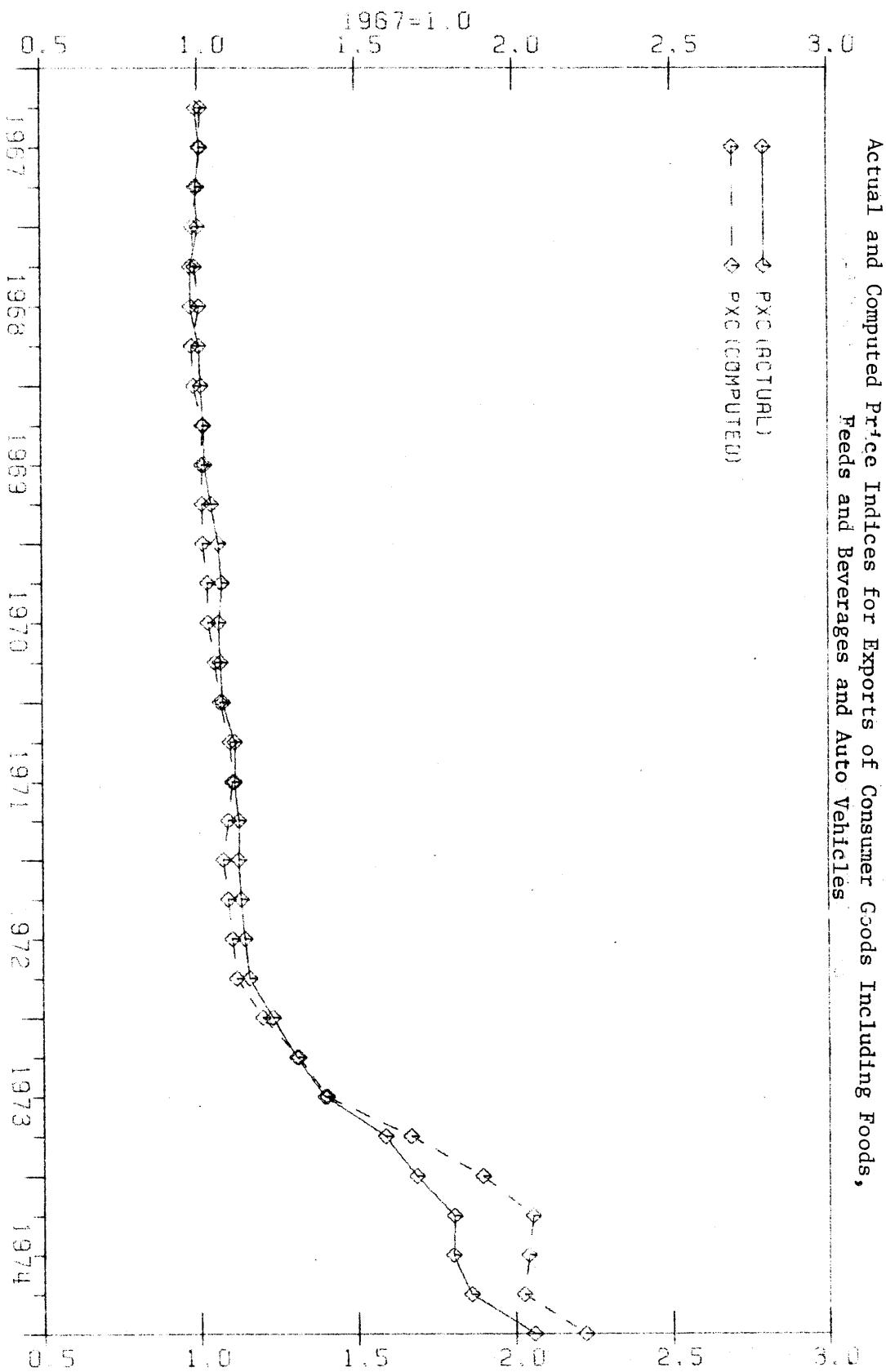


Figure 1.

Actual and Computed Price Indices for Exports of Industrial Supplies and Materials

Figure 2

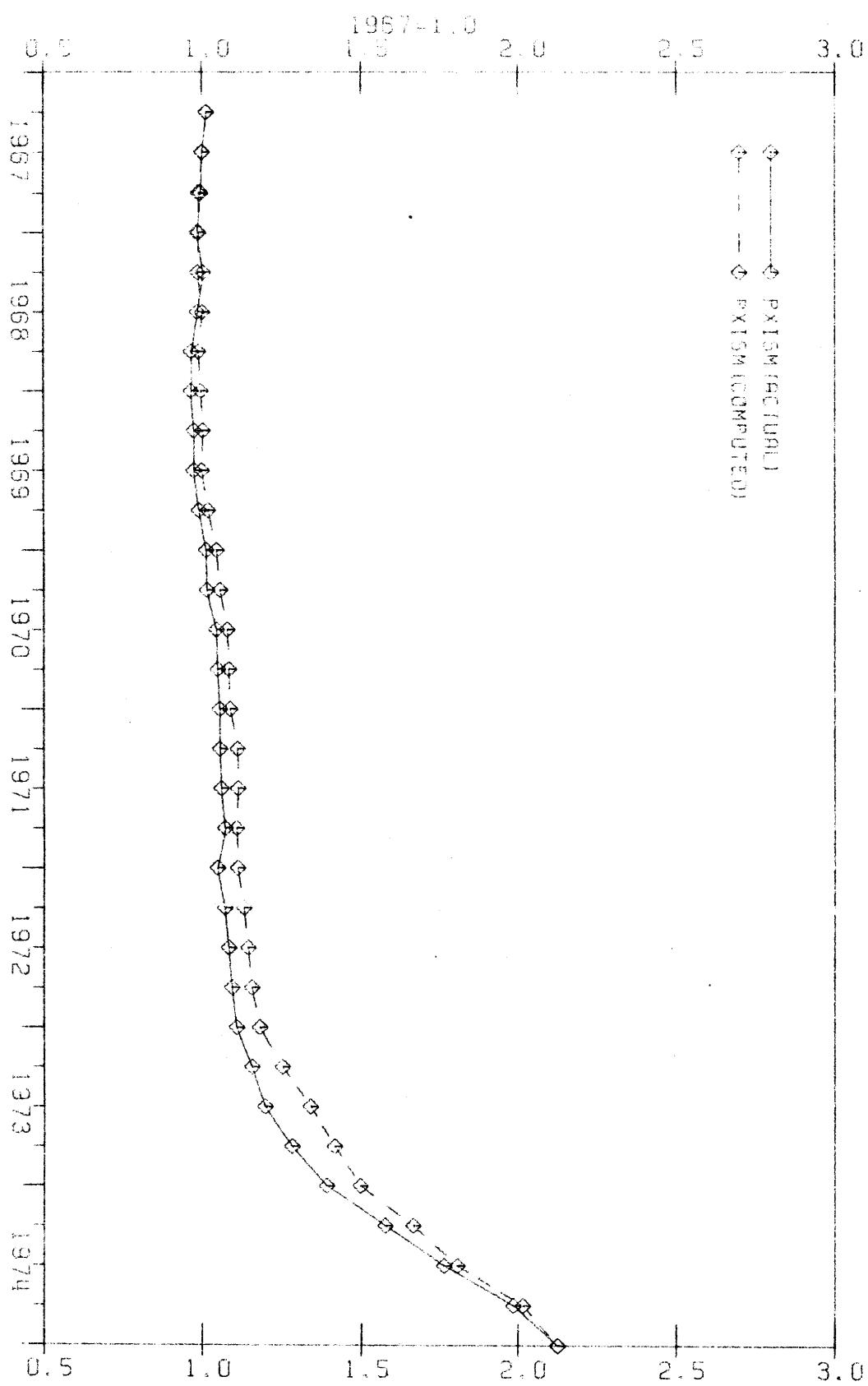


Figure 3

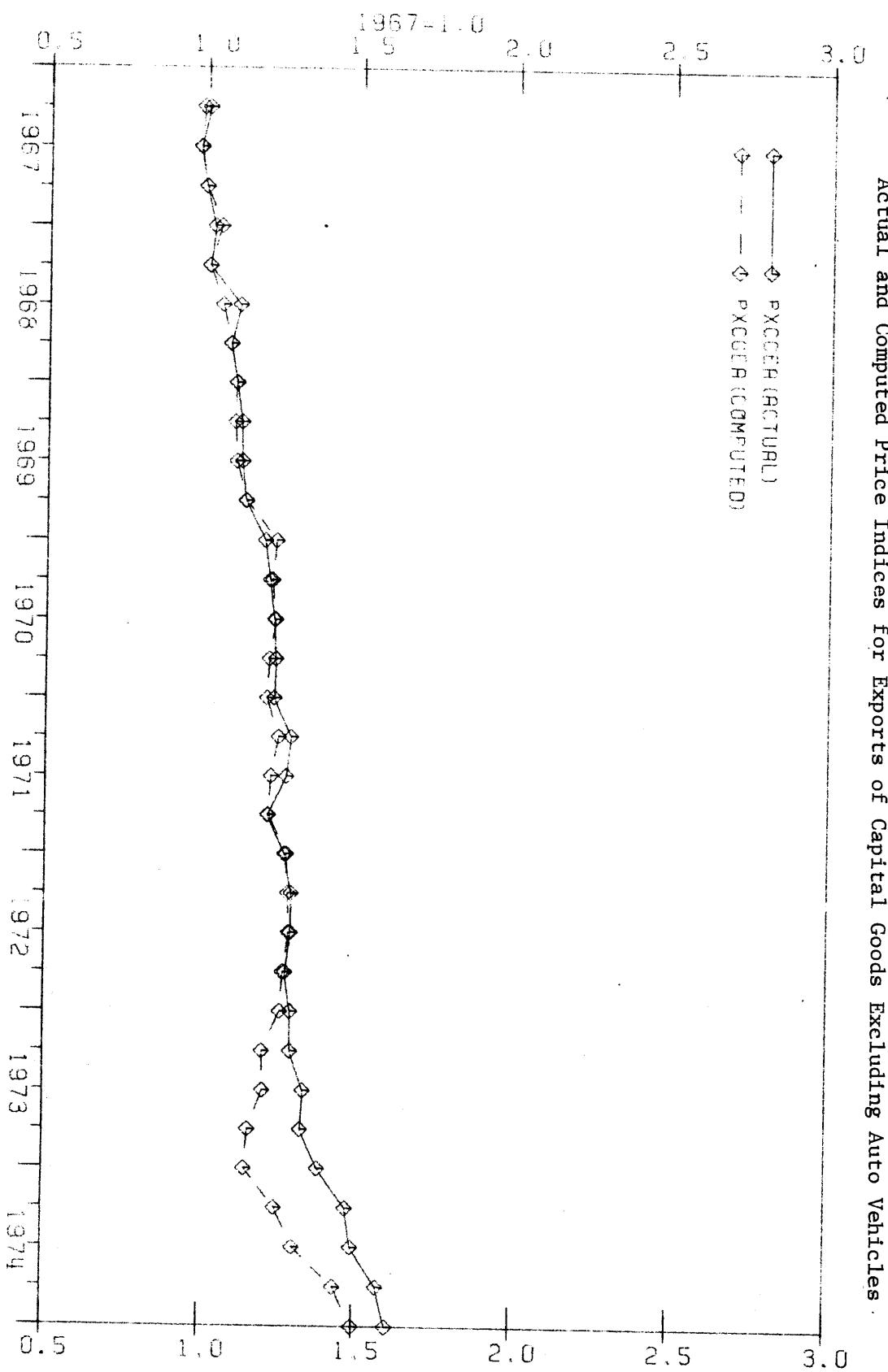


Figure 4

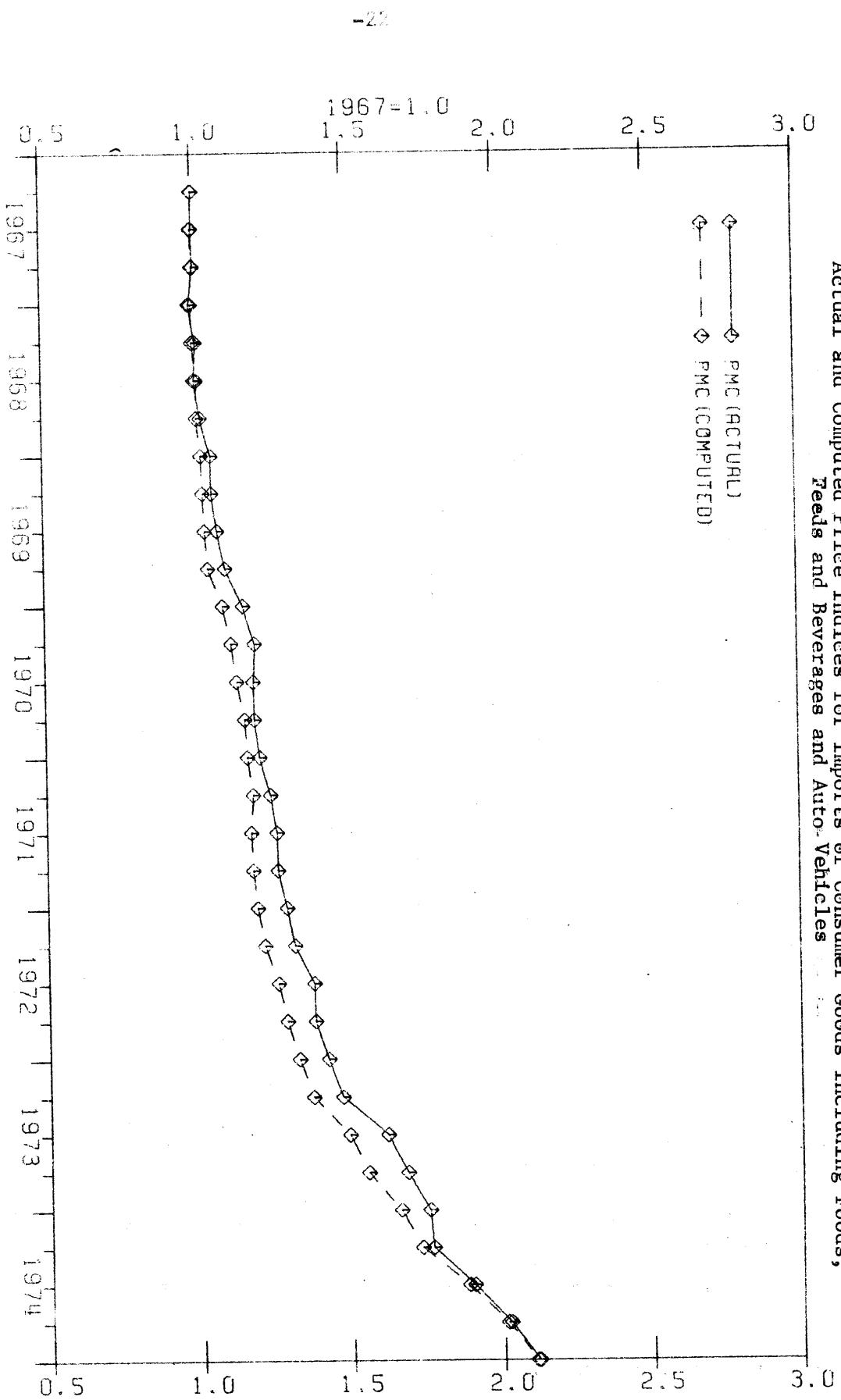


Figure 5

Actual and Computed Price Indices for Imports of Industrial Supplies and Materials

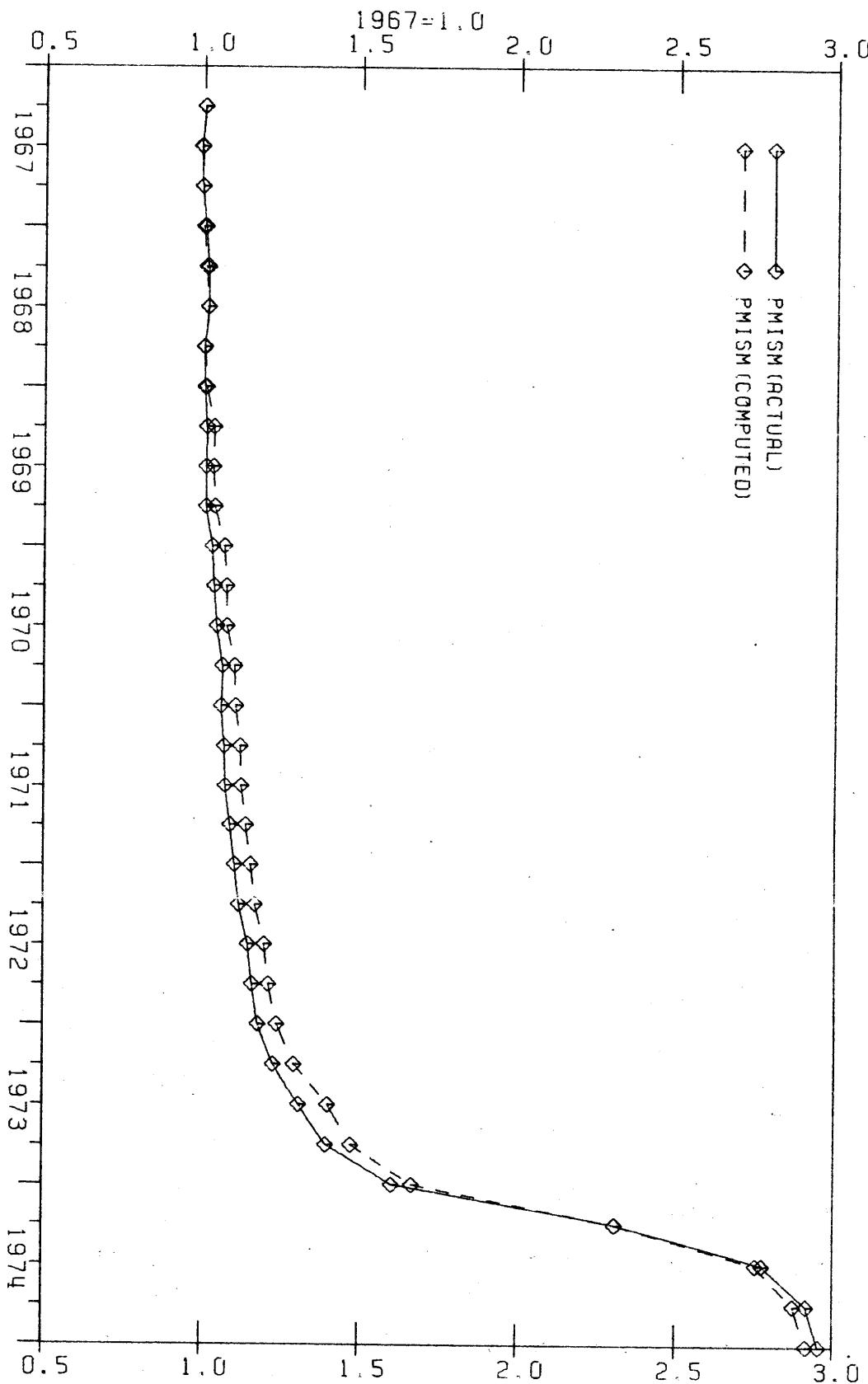


Figure 6

