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THE IMPACT TRADE FLOW DATA BASE

by

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The views expressed in this paper do not necessarily reflect the opinions of the participating agencies, nor of the Commonwealth government

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1. Introduction

The purpose of this paper is to publish the data base which was used to estimate the elasticities of substitution between imported and domestically produced goods (classified at the four digit ASIC level) reported in Alauze, Marsden and Zeltsch (1977) (abbreviated to AMZ). These elasticity estimates were subsequently used in the domestic-import substitution elasticities file of the Orani model (Dixon, Parmenter, Sutton and Vincent (1982, pp. 181-189)).

The data base is quarterly and runs from the September quarter of 1968 to the June quarter of 1975. This period is ideal for import demand estimation because it includes large movements in import prices, domestic prices and domestic activity. The data base contains indexes for import prices, import quantities, domestic prices and domestic quantities, for forty-six four digit ASIC classes, and data on a measure of demand measure for eight industry groupings which cover Australian manufacturing and for Australian manufacturing in total. The forty-six four digit ASIC classes for which price and quantity indexes are presented covered approximately thirty-five per cent of Australian merchandise imports in 1973-74.

Potential users of these data should note that the data base was compiled using the preliminary ASIC classification described in Australian Bureau of

Statistics (1969). The ASIC classification has subsequently been revised (ABS (1978)), and the Bureau of Statistics warns that numerous changes have been made to the classification mainly affecting the definition of industry classes.

The contents of the paper are as follows. Section 2 contains details on the method of construction of the price and quantity data, some of its limitations and details of ASICs which were affected by import quotas and tariff quotas. The third section discusses the pressure of demand measure. The data and the tables referred to in the text are presented in the appendices.

2. Price and Quantity Data

These data are presented in Appendix 2.

2.1 Import Price and Quantity Data

Import price indexes were constructed by forming quarterly unit value indexes for each tariff item in an ASIC class. Fisher indexes were then constructed from the ratio of unit values over two consecutive periods using value weights and aggregating over all the tariff items in an ASIC class for which data were available. The published indexes were obtained by chaining consecutive two period indexes. The value of imports for each tariff item used in constructing these indexes are on a fob plus duty basis; the costs of insurance and freight (cif) are not included. These were omitted because the cif values were not available at the tariff item level and the more aggregated data which were available were judged to be unreliable. For details, see Marsden and Milkovits (1977).

Indexes constructed on a cif basis exhibit similar movements to those constructed on a fob basis in response to exchange rate movements; however the movements diverge in the event of tariff changes. The period for which this

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- Marsden, J.S. and L.F. Milkovits (1977), 'The Construction of Price and Quantity Indexes for Australian Trade Flows', IMPACT Preliminary Working Paper, No. IP-03, mimeo, 76pp., Industries Assistance Commission, Canberra.

APPENDIX 4

Table 4.1 CONCORDANCE OF CAIW INDUSTRY GROUPS AND SELECTED ASIC CLASSES

CAIW industry group	ASIC class
1 Treatment of non-metallic minerals (cement, bricks, pottery, glass)	2821 2835
2 Chemicals	2711 2713 2725 2730
3 Engineering (machinery, iron and steel, industrial metal, electrical)	2914 2927 2928 3324
4 Vehicles construction and repair (rail, bus, motor, ship, aircraft)	3211
5 Textiles (leather, clothing)	2312 2313 2314 2315 2316 2317 2318 2331 2412 2423 2424 2425 2426
6 Food (drinks, tobacco)	2131 2132 2140 2151 2181 2183 2192 2210
7 Paper (printing, cardboard)	2611
8 Miscellaneous (mfrs. of wood, rubber, plastics)	2523 3322 3323 3325 3431 3445

study was conducted includes a large across the board tariff cut (twenty five per cent in December 1972). The values of indexes constructed on a cif and fob basis were simulated for a twenty five per cent tariff cut and it was found that for the ASIGs presented here the difference between the fob and cif indexes was less than or equal to half of one per cent. For all practical purposes, the fob indexes can be regarded as a good approximation to the cif indexes.

Indexes of the quantity of merchandise imports were constructed concurrently with the import price indexes and similarly are chained indexes based on the Fisher formula. The coverage of tariff items in the quantity indexes is the same as that for the import price indexes discussed above. The indexes were constructed using value weights based on fob plus duty. For details see Marsden and Milkovits (1977).

It is important to note that over the data period some commodities were subject to import quota restrictions and under certain conditions these can lead to biases in econometric estimates of import demand functions (see AMZ for a discussion). The ASIGs in the data base which were subject to import restrictions which affected more than ten per cent of the goods (by value) in the ASIC, together with the type of restriction and the period of restraint, may be found in Appendix 1, Table A1.4.

2.2 Domestic Price and Quantity Data

The domestic price indexes listed in the second appendix were constructed by the ABS. These are indexes of wholesale prices of Australian goods classified at the four digit ASIC level. The indexes are base weighted by the 1971-72 value of sales and transfers. They were originally available in monthly form and the quarterly indexes presented here are the arithmetic averages of the monthly data. These data have not been published by the ABS.

APPENDIX 3

Table A3.1 THE PRESSURE OF DEMAND MEASURE (Q) BY INDUSTRY GROUP*

Year	Quarter	Treatment of non-metal minerals	Chemicals	Engineering	Vehicle Construction and Repair	Textiles	Food	Paper	Miscellaneous	Aggregate
1966	M	.31	.20	.27	.28	.51	.44	.59	.29	.35
	J	.27	.18	.26	.21	.32	.43	.30	.22	.28
	S	.31	.17	.22	.24	.37	.41	.35	.32	.29
1967	D	.27	.19	.19	.34	.44	.46	.39	.43	.32
	M	.29	.18	.27	.36	.44	.50	.42	.39	.35
	J	.20	.10	.30	.27	.38	.33	.36	.44	.32
1968	S	.31	.26	.30	.23	.40	.37	.50	.37	.34
	D	.33	.27	.21	.35	.40	.40	.62	.40	.34
	M	.25	.17	.29	.44	.43	.31	.43	.31	.35
1969	J	.25	.22	.32	.36	.41	.41	.39	.43	.36
	S	.12	.05	.32	.41	.50	.42	.31	.44	.36
	D	.25	.15	.28	.39	.41	.29	.48	.54	.36
1970	M	.27	.33	.28	.41	.49	.41	.42	.40	.38
	J	.47	.31	.33	.35	.51	.34	.38	.43	.39
	S	.44	.39	.37	.62	.51	.46	.52	.51	.46
1971	D	.29	.37	.48	.50	.70	.48	.52	.60	.52
	M	.60	.38	.55	.65	.54	.38	.63	.52	.53
	J	.36	.42	.50	.56	.43	.39	.62	.53	.49
1972	S	.50	.32	.42	.50	.46	.42	.46	.56	.45
	D	.45	.45	.55	.48	.41	.41	.43	.56	.52
	M	.25	.25	.45	.50	.51	.49	.52	.41	.45
1973	J	.36	.32	.33	.46	.29	.30	.28	.45	.25
	S	.40	.26	.37	.37	.37	.23	.20	.25	.28
	D	.36	.24	.13	.39	.35	.32	.23	.29	.26
1974	M	.27	.24	.12	.25	.24	.22	.22	.27	.22
	J	.30	.26	.06	.23	.24	.22	.24	.18	.17
	S	.33	.35	.12	.17	.41	.20	.18	.41	.23
1975	D	.47	.25	.25	.13	.57	.37	.39	.49	.35
	M	.44	.48	.34	.28	.57	.37	.50	.57	.42
	J	.70	.62	.61	.70	.78	.53	.46	.70	.63
1976	S	.64	.79	.78	.85	.87	.60	.74	.85	.78
	D	.90	.82	.86	.85	.89	.75	.92	.92	.86
	M	.75	.88	.86	.91	.84	.67	.94	.84	.84
1977	J	.75	.85	.86	.84	.40	.70	.79	.80	.77
	S	.37	.60	.52	.50	.20	.49	.59	.48	.47
	D	.25	.47	.24	.32	.05	.47	.33	.19	.28
1978	M	.18	.19	.21	.27	.03	.32	.19	.24	.21
	J	0.00	.18	.13	.46	.16	.34	.07	.30	.22
	S	.06	.14	.12	.27	.44	.33	.12	.29	.23
1979	D	.20	.12	.12	.25	.33	.40	.19	.35	.25
	M	.40	.22	.07	.24	.35	.28	.17	.31	.21
	J	.07	.16	.13	.23	.15	.29	.12	.31	.19
1980	S	.15	.15	.09	.22	.13	.26	.17	.35	.18
	D	.14	.31	.12	.21	.10	.37	.33	.40	.23
	M	.09	.33	.12	.35	.16	.44	.23	.38	.26

* The eight industry classifications are : (1) Treatment of Non-Metal Minerals (cement, bricks, pottery, glass), (2) Chemicals (paint, oils, pharmaceuticals), (3) Engineering (machinery, iron and steel, electrical, industrial metals), (4) Vehicle Construction and Repair (rail, bus, motor, ship, aircraft), (5) Textiles (leather, clothing), (6) Food (drink, tobacco), (7) Paper (printing, cardboard), (8) Miscellaneous (including manufactures of wood, rubber, plastics).

At the time the AMZ study was undertaken no official statistics on the use of manufactured goods (monthly or quarterly) by industry were available. The available indexes were for domestic output and these contain exports. In cases where exports form a large part of domestic production, estimates of the parameters of econometric models where indexes of domestic use are required could be subject to bias. ASICs for which exports are greater than or equal to ten percent of domestic output in 1968-69 and 1974-75 are identified in Table A1.2, and ASICs for which exports lie between five and ten percent of domestic output in 1968-69 or 1974-75 are listed in Table A1.3. The domestic production indexes presented in Appendix 2 were constructed using ABS monthly production data using weights based on the value of sales and transfers in 1972-73. The quarterly indexes presented here are simple arithmetic averages of the monthly indexes.

2.3 Index Movements thought due to Compositional Changes Rather than Price Movements

After the data base was assembled, graphs of the data were inspected for aberrant behaviour which could possibly be attributed to compositional changes rather than price movements. Serious deviations from the trend pattern were found in three cases: ASIC 2927, ASIC 3212 and ASIC 3445. The quarters affected are listed in Table A1.1.

3. The Pressure of Demand Measure

The disaggregated measures of the pressure of demand presented here are constructed from a question in the Survey of Industrial Trends which is conducted jointly by the Confederation of Australian Industry and the Westpac Banking Corporation (CAIW). (At the time the AMZ study was undertaken the Survey was conducted by the Associated Chambers of Manufactures of Australia and the Bank of New South Wales.)

RIGID PLASTIC SHEETING

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	100.0000	108.6730	100.4898	97.6261
2	100.0000	107.5150	102.2466	96.6307
3	100.0000	84.2749	106.6551	97.3531
4	100.0000	99.5471	90.6085	108.3900
5	100.0000	116.1009	92.4683	124.8921
6	100.0000	128.1226	95.2055	133.9582
7	100.0000	90.5476	92.6673	137.4668
8	100.0000	110.3974	88.1386	145.0682
9	100.0000	100.2687	88.7001	136.3118
10	100.0000	90.4974	85.8870	151.9580
11	100.0000	79.0314	82.5368	151.6251
12	100.0000	84.3416	83.6192	173.0869
13	100.0000	113.1087	81.3781	156.9440
14	100.0000	103.1766	84.0164	151.0205
15	100.0000	91.1233	90.1972	159.7866
16	100.0000	114.0323	92.8564	147.1306
17	100.0000	117.9764	88.3346	179.3742
18	100.0000	109.0979	82.3267	242.8703
19	100.0000	92.6581	81.5845	205.6796
20	100.0000	101.6629	179.0197	218.0197
21	100.0000	127.7890	76.1605	218.0905
22	101.3667	123.9063	63.7983	246.3290
23	104.1000	102.5515	89.2505	189.2080
24	104.1000	140.6992	98.6038	209.0580
25	104.1000	140.0671	80.9849	289.6996
26	108.7333	124.7827	79.3502	235.7209
27	118.0000	102.3197	101.4881	143.5320
28	124.8000	109.2911	82.6867	215.5059

SPORTING EQUIPMENT

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	96.9242	105.0803	93.9047	139.4339
2	96.9242	101.3722	92.0761	110.2533
3	102.1255	85.8079	107.2935	74.1736
4	104.0260	107.7396	106.7257	76.1373
5	105.1263	115.9794	87.8376	179.6815
6	107.3368	112.4415	101.8269	139.4630
7	107.8270	81.0278	113.5727	73.1670
8	108.8272	107.0909	101.8268	93.1972
9	108.8272	104.0314	82.1119	165.6335
10	108.8272	106.1247	96.0116	169.8676
11	110.2276	93.5233	109.3843	111.6334
12	110.2276	115.8552	105.9195	116.2942
13	110.2276	117.9209	85.2401	248.2993
14	110.2276	114.4320	95.3239	203.1102
15	115.8956	100.0288	97.8278	189.1562
16	124.5978	138.5229	103.2868	163.7574
17	128.1320	146.2245	75.9026	314.1298
18	128.4321	136.7563	87.8763	273.2771
19	130.4326	126.1260	87.4167	254.1662
20	134.9004	142.9028	81.3626	237.0410
21	138.2012	159.3198	77.6258	323.5166
22	138.7347	158.3198	81.8873	373.7214
23	141.6021	135.7119	87.0956	340.7257
24	156.0724	157.2525	90.4130	493.8065
25	166.9751	125.8112	87.4996	595.7278
26	170.3092	104.9515	108.0728	429.3229
27	171.3428	87.5654	132.2545	323.9340
28	172.3431	126.8509	116.7765	455.2515

The Survey is distributed in the first two weeks of the last month of each quarter and the questions are designed to obtain information on current economic conditions, and current and anticipated changes in key economic indicators.

The Survey results were originally classified into eight industry groups; however the classification was expanded into twelve industry groups based on the ASIC classification in the June quarter of 1974. This does not constitute a break in the series because the additional classifications are based on industry groups contained in the original classification. In addition, the industry coverage has remained the same and the number of respondents for each question in each category is listed. Therefore, series based on the original eight-way classification can be calculated for the period after March 1974.

In the Survey, producers are asked to identify which single factor is most limiting their ability to increase production. The respondents have a choice of six categories: (i) orders, (ii) materials, (iii) finance, (iv) labour, (v) capacity, (vi) other. The Survey is available in a form which gives the proportions of replies for each category classified by industry group and in total. The replies to this question given by manufacturers in an industry should be related to the ability of the industry to meet its orders and hence waiting times and other non-price factors quoted to the users of its output.

Let us denote the proportion of replies which indicate that orders are limiting production as P and the proportion of all other replies as Q (P + Q = 1). The proportion of firms indicating that orders are not limiting their ability to expand production, Q, is an estimate of the proportion of firms in an industry operating at full capacity. We would therefore expect Q to be a reasonable measure of the ability of an industry to satisfy the demand for its

output; hence Q can be used as a measure of pressure of demand in an industry.

Quarterly series of Q disaggregated into the eight original industry groupings and for all manufacturing for the period from the March quarter of 1966 to the March quarter of 1977 are presented in Appendix 3. Appendix 4 contains a concordance between the eight original CAIW industry groups and the forty-six four digit ASIC classes for which price and quantity data are presented in this paper.

Alaouze (1977) discusses the use of this pressure of demand measure in import demand estimation and also presents an empirical comparison of this measure and some other pressure of demand measures.

ASIC 3325

BATTERIES

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	99.8750	108.1782	117.6196	82.9996
2	99.8750	89.1343	79.2766	127.6676
3	99.8750	88.6491	101.5415	82.0325
4	100.3749	114.0384	101.5623	107.3002
5	102.7743	111.0928	86.5306	129.2059
6	102.7743	96.4615	90.2337	130.6720
7	103.7741	87.9350	94.0474	82.8019
8	105.7736	129.0888	56.1819	173.2433
9	107.9730	118.4511	96.1932	89.2982
10	107.9730	101.2545	72.9745	113.0499
11	107.9730	92.4137	108.1532	109.3632
12	107.9730	120.1665	111.9918	105.6308
13	112.4366	127.1173	106.5451	84.1368
14	114.6713	112.4983	106.5451	144.7424
15	115.8710	93.9971	82.3389	84.0280
16	119.0702	109.8150	109.8150	91.6142
17	124.0690	118.7849	107.5506	91.2912
18	131.0672	103.8160	102.3375	103.4178
19	132.2003	102.1239	100.8450	95.4167
20	134.3331	130.9207	89.9635	99.6845
21	142.9976	139.2803	88.0249	107.4440
22	144.0640	114.5080	99.6313	114.9874
23	146.0968	109.4278	96.8687	132.6433
24	163.9923	132.9310	108.5946	160.1424
25	177.3223	155.7666	121.4596	222.5820
26	180.3549	140.0468	127.4706	193.7295
27	180.4216	111.5624	123.5524	223.9407
28	179.0552	145.1832	106.6627	302.2047

ASIC 3431

FLEXIBLE PACKAGING AND PACKAGING MATERIALS (EXCEPT PAPER),
ADHESIVE TAPES AND ABRASIVE COATED PAPERS

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	100.0000	103.6781	100.2629	102.7805
2	100.0000	98.6456	99.3052	109.8887
3	100.0000	90.2962	102.8336	88.4012
4	100.0000	107.3802	97.5982	96.9296
5	100.0000	123.8021	99.6819	99.1772
6	100.0000	120.3046	98.3737	114.5913
7	100.9333	113.3157	99.4005	112.8693
8	101.0000	136.8709	89.0732	123.6365
9	101.0000	135.7994	104.7011	105.8674
10	101.0000	135.7874	105.2205	121.7164
11	104.6333	128.2206	45.0433	78.4146
12	106.3000	161.1365	133.3153	119.0469
13	106.6667	151.2581	138.7108	101.8005
14	106.2000	160.5105	144.0447	103.3823
15	107.3667	127.1972	140.5581	87.1877
16	109.3000	173.3265	144.5473	97.1841
17	109.3000	181.1823	143.6876	104.8725
18	109.3000	183.0604	149.5536	141.2622
19	109.0333	170.0999	113.5457	208.7440
20	110.4333	187.9184	77.5990	208.7440
21	110.6667	222.1105	157.2567	104.0633
22	111.8000	197.9774	146.4664	124.8918
23	114.7000	205.1409	159.8139	120.1039
24	120.1667	239.9229	186.1204	145.1027
25	125.8333	254.0031	190.5380	178.5231
26	128.6000	206.0017	195.1245	142.4389
27	131.9000	140.8199	236.0752	105.0391
28	133.2000	170.0096	170.4001	99.4516

WATER HEATING SYSTEMS

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	99.7501	108.3843	102.7573	91.3447
2	99.7501	104.0611	100.7390	136.9302
3	99.7501	83.6513	101.0432	79.8031
4	100.7496	103.9033	95.4614	91.9221
5	102.7486	129.3107	116.0441	188.6178
6	105.6472	120.2072	101.3179	122.0886
7	107.0465	83.1738	132.6606	74.2083
8	107.1464	105.7622	165.5054	71.1734
9	107.1464	124.5177	139.4267	110.0347
10	107.6129	124.9483	151.4142	50.9272
11	108.5457	97.9087	165.6592	46.5882
12	111.7441	114.7072	144.9923	33.6995
13	112.0107	130.9173	179.2673	21.4475
14	112.4438	133.1685	271.8684	27.6782
15	114.7093	100.2921	234.0789	40.6683
16	115.8421	110.9766	263.1467	17.5936
17	115.9420	140.1224	312.7178	36.7581
18	116.1419	135.2960	337.7883	31.0363
19	116.1419	110.0215	287.5790	23.3511
20	116.6084	126.1123	297.9771	17.5439
21	118.4408	157.5476	298.7238	14.9719
22	118.4408	170.7519	321.5406	45.3196
23	123.0052	125.9033	271.3903	65.8311
24	131.7674	158.5325	252.4043	59.7401
25	144.4944	159.3639	339.0416	44.1907
26	150.4248	161.7387	360.5970	78.9072
27	152.2239	99.1665	391.7628	60.7420
28	152.2239	118.3099	344.5034	49.5506

ASIC 3324

ELECTRIC AND TELEPHONE CABLE, WIRE AND STRIP

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	95.5000	105.7090	116.5135	92.4160
2	96.3000	103.1651	100.6921	101.3044
3	102.4667	86.3691	93.5479	111.0161
4	105.7333	104.7567	89.2465	65.2635
5	109.5080	112.1029	79.0055	110.7806
6	112.4333	104.1380	82.0905	139.6742
7	114.5333	86.2041	81.0897	135.1392
8	116.1667	115.0357	95.4700	92.0094
9	107.8000	103.9145	67.7584	158.1807
10	100.8333	108.1737	65.1962	144.5686
11	98.2333	81.9003	61.4295	99.5040
12	99.9333	108.1221	117.0823	69.3257
13	102.2333	116.4686	114.5155	75.0146
14	101.3333	109.2869	41.2952	149.7023
15	102.6333	81.0134	32.9124	216.9478
16	104.5000	105.0661	10.2882	668.4515
17	104.3667	107.5446	110.6007	103.2275
18	104.7667	110.0128	54.5360	122.6056
19	104.9000	86.1113	140.3638	73.1161
20	111.2000	108.7650	99.1667	111.3739
21	120.2333	113.5088	57.1946	141.8835
22	122.7667	106.1524	67.2549	99.3875
23	127.2667	95.0284	93.6664	89.0982
24	133.5333	123.9591	89.1916	91.4799
25	130.3333	130.3358	83.6867	123.8594
26	130.3333	121.4428	161.5529	101.6734
27	129.1333	92.1168	155.3258	71.9157
28	130.6333	98.6413	129.0493	72.9593

APPENDIX 1

SUPPLEMENTARY INFORMATION ABOUT THE DATA

Table A1.1 ASICs FOR WHICH DATA EXHIBIT ABERRANT BEHAVIOUR THOUGHT DUE TO COMPOSITIONAL CHANGES IN THE COMPONENTS OF THE INDEXES RATHER THAN PRICE CHANGES

ASIC	Description	Quarters Affected
2927	Rolling, Drawing and Extruding of Aluminum	6
3212	Truck and Bus Bodies, Trailers, Caravans	27, 28
3445	Sporting Equipment	27, 28

Table A1.2 ASICs FOR WHICH EXPORTS ARE GREATER THAN OR EQUAL TO TEN PER CENT OF DOMESTIC OUTPUT IN 1968-69 AND 1974-75

ASIC	Description	Percentage of Domestic Output Exported 1968-69	Percentage of Domestic Output Exported 1974-75
2131	Fruit Products	29%	20%
2151	Flour Mill Products	16%	26%
2182	Canned Fish	29%	25%
2312	Scoured and Carbonised Wool*	125%	160%
2313	Fibre Tops	56%	50%
2730	Petroleum Refining	10%	56%
2921	Copper Smelting and Refining	29%	55%
2928	Rolling Drawing and Extruding of Non-Ferrous Metals	10%	29%
3445	Sporting Equipment	15%	18%

* This anomaly occurs because exports are classified to the industry in which they were primarily produced whereas domestic output refers to production in establishments classified to the particular industry.

Table Al-3 ASICs FOR WHICH EXPORTS LIE BETWEEN FIVE AND TEN PER CENT OF DOMESTIC OUTPUT IN 1968-69 OR 1974-75

ASIC	Description	Percentage of Domestic Output Exported 1968-69	1974-75
2316	Cotton Yarns and Broadwoven Fabrics	3	7
2315	Man-Made Fibres and Broadwoven Fabrics	7	6
2713	Synthetic Resins and Rubbers	4	8

Table Al-4* ASICs WHICH WERE SUBJECT TO IMPORT RESTRICTIONS

ASIC	Description	Type of Restriction	Period of Restraint
2314	Man-made Fibres and Yarns	Tariff Quota	19/5/72 to 31/5/74 3/12/74 to 28/2/77
2315	Man-made Fibre Broadwoven Fabrics	Tariff Quota	9/12/74 to 28/2/77
2316	Cotton Yarns and Broadwoven Fabrics	Tariff Quota	3/12/74 to 28/2/78
2412	Cardigans and Pullovers	Import Licensing	19/12/67 to 14/8/71 8/9/71 to 31/8/72
		Tariff Quota	1/9/72 to 1/3/74
2425	Underwear, Nightwear, Shirts and Infants Clothing nec	Import Licensing	1/7/69 to 14/8/71 8/9/71 to 31/8/72
			1/9/72 to 30/6/74 1/1/75 to 28/2/77
2426	Foundation Garments	Tariff Quota	9/12/74 to 31/12/78
3211	Motor Vehicles	Import Licensing	1/2/75 to 8/12/76
		Tariff Quota	1/1/75 to 8/12/76

* This table includes only those ASICs for which the proportion of value of output of the ASIC affected by quota restrictions is greater than 10 per cent.

ASIC 3212

TRUCK AND BUS BODIES, TRAILERS AND CARAVANS

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	98.8165	100.0290	98.7056	105.6645
2	99.0832	107.5303	99.3230	101.5713
3	100.6834	87.2564	104.1208	84.5526
4	101.4169	105.1843	97.8506	108.2116
5	101.4169	109.6032	109.3258	87.3175
6	101.4169	119.8726	95.3471	106.5153
7	102.7505	91.8780	95.0221	117.6105
8	103.4172	108.0599	58.9262	172.7054
9	103.4172	108.9495	105.4452	111.0242
10	103.4172	121.7014	111.2794	92.4841
11	107.7180	98.0305	109.1975	90.1587
12	107.7180	113.0456	101.7228	97.4191
13	109.2181	122.7026	122.3504	98.4589
14	112.6188	132.4548	115.4087	88.3038
15	112.6188	91.0381	125.4378	79.6078
16	112.6188	120.0960	129.1106	82.9811
17	112.6188	118.7223	134.6777	85.0903
18	112.6188	125.2307	125.8366	101.9736
19	117.3196	113.9062	115.5902	103.2340
20	118.8531	138.5494	118.2993	128.8659
21	121.8203	155.3767	103.5674	134.4882
22	123.6873	159.0964	126.4352	119.6495
23	128.4881	127.6304	115.8043	115.0776
24	132.4887	148.7898	128.5942	164.5752
25	137.8230	139.3769	110.5786	222.4268
26	142.3145	142.3145	158.4552	230.8444
27	152.8921	103.9348	134.3906	367.7967
28	158.3931	148.3595	151.7623	356.8318

ASIC 3322

REFRIGERATORS AND HOUSEHOLD APPLIANCES

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	99.6333	112.2408	97.1110	94.8340
2	99.8000	109.6782	95.5302	106.2539
3	100.2667	85.3057	98.3272	97.5819
4	100.3000	92.7753	109.0317	101.2302
5	100.3667	113.0654	105.2318	109.4618
6	100.5333	115.3174	103.3731	133.4861
7	101.4333	85.7272	107.6212	103.9777
8	102.8333	94.5096	103.8906	118.3566
9	103.9000	104.2424	100.3382	133.6887
10	107.7000	107.3744	99.9520	170.6544
11	106.4000	89.3030	98.1584	163.7371
12	107.6333	93.5519	99.7205	153.7646
13	109.9333	117.8283	71.9113	209.4422
14	111.9333	123.0607	72.5935	283.1171
15	112.6667	92.0949	76.2746	236.1668
16	112.5000	83.7230	75.6626	231.8636
17	111.8667	104.3570	69.9757	229.1062
18	112.3333	122.0993	63.5159	378.4735
19	113.3333	110.2292	78.4981	282.7393
20	114.6333	106.9603	83.2732	279.2272
21	118.4667	146.5679	78.4021	362.1283
22	119.4333	140.7253	77.2606	543.1493
23	121.8333	115.8092	73.6272	505.1096
24	127.7667	136.1696	77.5992	564.0826
25	134.6667	157.1992	81.3136	751.8665
26	142.7333	144.4491	94.3149	832.4965
27	147.6333	81.4932	89.5929	486.8276
28	151.0333	93.4188	93.1134	478.3381

ROLLING, DRAWING AND EXTRUDING OF NON-FERROUS METALS N.F.C.

APPENDIX 2

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	93.0078	111.5348	100.4075	93.2918
2	94.8142	105.6119	94.3403	110.9021
3	102.3085	86.9608	102.9540	91.7767
4	109.8425	95.8925	102.2982	104.0294
5	116.0430	109.3813	99.9615	125.7568
6	123.1767	101.7343	116.3645	123.1518
7	123.0769	89.2968	118.6138	131.2223
8	119.6766	104.8005	115.1284	108.9007
9	104.3754	106.2339	106.6992	149.6628
10	94.7412	105.8538	82.3389	244.9980
11	94.1412	85.5308	84.5696	243.9641
12	98.0784	104.0602	81.6213	196.3014
13	95.0746	109.0805	92.1783	138.6239
14	91.0409	100.3786	49.4498	383.9956
15	91.4410	73.8337	54.0382	288.5575
16	91.1076	93.9790	55.1936	244.9533
17	93.7411	102.2312	48.6825	238.0579
18	93.3744	104.9391	44.0264	303.1456
19	93.3411	90.8080	45.1555	342.7265
20	103.9087	107.6369	45.1555	294.6695
21	121.0101	117.1366	19.3010	799.0515
22	122.0102	101.5213	64.0130	273.5723
23	123.1103	98.0291	68.1234	301.2136
24	125.4438	105.7167	75.8264	367.3126
25	117.5431	109.2292	42.8311	889.2131
26	110.5759	88.9993	50.2875	792.1733
27	104.6754	64.4084	38.9462	618.0881
28	106.2422	81.2711	29.3087	747.1132

ASIC 3211

MOTOR VEHICLES

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	99.3421	110.3284	104.4752	117.9070
2	99.3421	96.6241	95.1112	102.1305
3	100.3415	85.0324	98.5941	89.1698
4	100.9744	108.0150	101.8195	90.7927
5	102.6401	127.9554	106.8581	101.3128
6	102.6401	108.7369	102.7491	96.6562
7	104.1393	98.3319	111.6688	87.3387
8	104.3391	123.4271	108.8080	106.6921
9	104.5390	119.2827	108.7795	115.4623
10	105.1054	113.5820	114.6584	111.4152
11	106.9376	94.1452	105.1549	124.7472
12	107.0376	110.2615	105.3856	124.9708
13	109.8692	130.1878	114.9796	128.4868
14	110.5355	115.4658	112.5116	128.6570
15	111.2018	73.8668	118.3062	102.3288
16	111.9347	117.6912	138.7606	73.2649
17	113.6337	114.1489	126.8455	96.0501
18	113.6370	107.9481	130.2960	92.8916
19	114.0335	95.0748	123.6166	129.0593
20	114.1334	105.2967	118.7880	148.7098
21	117.6647	111.9242	111.9242	220.0209
22	118.9306	113.6982	109.5862	183.8415
23	122.0288	101.3706	112.6963	221.2116
24	128.3918	124.4025	122.5403	330.8190
25	133.8886	131.0012	120.6796	495.2139
26	143.5496	104.9833	122.2478	504.1007
27	149.0131	76.5922	133.8891	431.2688
28	155.5426	110.9693	129.0838	180.2238

QUARTERLY DOMESTIC PRICE, DOMESTIC QUANTITY, IMPORT PRICE AND IMPORT QUANTITY INDEXES FOR GOODS CLASSIFIED AT THE FOUR DIGIT ASIC LEVEL (1969 CLASSIFICATION) FOR THE PERIOD SEPTEMBER QUARTER 1968 TO JUNE QUARTER 1975

ASIC 2921

NON-FERROUS METAL BASIC PRODUCTS

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	90.1258	92.4013	104.0970	104.2532
2	95.6587	102.3967	95.5417	114.8001
3	105.2579	96.9810	93.1515	101.3544
4	108.9576	108.2211	107.2098	79.5904
5	129.5892	104.0316	105.4518	107.5401
6	138.9551	110.7989	117.9901	99.3951
7	138.4885	117.9889	117.9246	96.9973
8	142.4881	112.4885	125.2304	57.6829
9	114.6238	104.4773	134.2748	67.8750
10	94.7921	104.8955	116.0501	127.6681
11	85.7929	122.7915	107.7971	91.4203
12	96.0253	129.0386	95.6902	103.8671
13	86.5928	132.7822	106.5914	81.0565
14	78.4601	126.5351	99.7818	76.5444
15	82.4931	145.6851	99.8730	99.4840
16	83.4930	140.2740	111.6631	34.8310
17	76.4720	141.5235	108.8565	68.9072
18	76.0270	147.7613	103.7150	76.3666
19	82.6598	123.2048	81.4837	239.4368
20	98.9251	144.8490	100.9409	101.8675
21	126.0562	162.3363	110.7328	126.7816
22	128.4226	163.9991	120.4430	149.5013
23	149.0542	114.0502	101.2039	167.3706
24	168.8859	178.5694	127.7533	170.3223
25	109.4242	183.9805	183.2857	68.6361
26	95.5587	198.5509	194.2890	40.3311
27	83.7595	178.9875	213.2279	27.4552
28	82.6931	180.2322	235.2672	12.0101

ASIC 2927

ROLLING, DRAWING AND EXTRUDING OF ALUMINIUM

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	99.8000	109.0274	99.3058	106.5263
2	99.8667	102.0902	96.2530	122.0912
3	99.9000	88.2974	105.0097	91.3961
4	100.4333	100.5849	99.4315	79.9864
5	101.6333	113.3983	109.0841	103.1985
6	101.9000	109.9025	103.4984	279.1077
7	103.6333	94.7894	100.0981	98.1721
8	104.7333	107.2274	98.8495	127.4976
9	104.9333	104.7518	111.4552	118.2491
10	105.3000	125.0419	105.2847	113.9427
11	106.7333	107.3433	100.5488	107.4030
12	107.5667	111.6527	101.3475	120.6717
13	108.2667	129.2179	99.4982	81.7270
14	110.5333	131.1403	102.2709	103.7887
15	110.7000	101.1063	98.8361	121.1337
16	110.3667	112.9132	86.5702	117.2531
17	110.3000	125.6178	100.5566	113.3116
18	110.2000	140.4398	79.7210	132.9517
19	111.5333	133.0447	81.2916	154.1379
20	112.6000	144.9241	75.8032	169.5876
21	112.2667	164.4570	76.9438	174.9476
22	113.1333	151.6754	71.4359	288.2121
23	114.9333	155.8422	67.9345	346.6158
24	118.0667	171.7833	70.2222	469.7141
25	122.1667	171.4804	77.5418	492.6292
26	130.1000	146.6969	89.3441	449.2727
27	139.7333	109.0637	107.5324	262.5864
28	140.7000	115.2936	106.6968	170.3969

ASIC 2131

CANNED AND PRESERVED FRUIT PRODUCTS

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	98.4754	39.5181	105.8055	117.4794
2	98.6420	24.2629	104.1968	111.1149
3	100.8748	260.8334	99.3235	89.4116
4	102.0900	75.3900	90.6700	81.9900
5	102.2900	33.6400	91.0900	101.3600
6	102.0745	32.1836	89.3705	140.8014
7	106.6400	335.2916	108.1442	102.3941
8	107.1732	95.9534	100.4142	255.4162
9	109.2060	37.1957	184.4639	100.0362
10	109.4726	31.4787	98.8786	150.4978
11	112.5719	362.1403	94.8843	149.5144
12	112.9384	66.3742	93.8627	140.2025
13	112.0387	33.8605	113.4852	186.8050
14	111.5721	27.7131	98.8721	189.3384
15	113.0384	287.7267	102.0291	165.3830
16	113.5050	75.1036	103.1087	127.6414
17	113.4383	32.0463	156.4118	86.8695
18	111.5721	37.9710	134.6776	121.9060
19	113.0031	312.8057	140.4708	102.5123
20	114.8713	62.3081	135.1450	83.9955
21	110.2038	40.4270	147.8961	146.0999
22	106.7733	31.3822	165.4966	149.0391
23	116.3376	226.8209	158.9971	134.0558
24	123.3358	53.5045	182.8500	186.3187
25	126.7017	182.3256	187.3256	258.6362
26	139.7651	26.4146	191.7979	242.1822
27	140.2316	228.0563	201.8036	167.3895
28	142.896	87.8584	180.6673	146.1847

ASIC 2132

CANNED AND PRESERVED VEGETABLE PRODUCTS

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	99.8166	62.2827	94.1236	130.0514
2	99.6166	100.1175	107.6931	65.2510
3	100.0167	146.1785	103.8794	93.3103
4	100.5501	91.4213	94.3039	111.3878
5	99.7166	68.2912	101.9025	118.5040
6	97.6829	129.8453	92.8383	92.8383
7	98.3164	147.5084	114.5759	74.3104
8	98.5164	88.3752	55.9623	207.0859
9	99.2165	68.8367	83.4054	114.2510
10	98.1830	114.0895	112.3749	92.1192
11	98.1164	127.4045	127.6535	64.6217
12	98.9832	98.9508	125.8933	96.3260
13	99.6166	76.9476	129.7241	81.3029
14	103.2172	124.4540	121.6396	92.7939
15	105.9510	171.5901	123.8236	90.8332
16	106.3844	121.2168	136.8366	78.4089
17	109.4182	84.0710	133.8149	66.0682
18	109.4182	149.0374	142.1862	67.4114
19	115.1525	139.5568	135.7309	61.8578
20	116.8861	105.0429	128.5234	99.3359
21	119.1532	99.1618	130.5697	126.9828
22	120.9525	165.8683	130.4935	172.8439
23	125.3876	134.9420	137.8949	131.9559
24	130.8551	121.1969	149.8641	245.9529
25	136.8561	116.0127	154.5912	311.0382
26	143.3239	152.6847	161.1757	289.0180
27	148.1247	163.2762	176.9080	180.6365
28	152.8255	117.2231	171.3439	125.0250

ASIC 2725

SOAP AND OTHER DETERGENTS

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	99.5502	102.2365	97.6770	123.7637
2	99.6835	99.3822	106.2382	102.8592
3	100.3165	94.6934	88.8227	86.8588
4	100.4698	103.6879	107.2620	86.5183
5	100.3497	110.6544	100.9633	115.9106
6	101.1494	112.1461	98.3763	101.9732
7	101.7491	86.9367	109.9146	91.7217
8	104.6810	101.3052	110.1429	94.6789
9	107.0798	112.1139	98.2214	133.12145
10	107.6662	125.9058	93.7091	186.6130
11	108.1459	98.3743	110.0327	117.1101
12	108.3458	116.1535	99.3632	123.0809
13	108.3458	120.4028	107.4382	124.2756
14	109.6785	128.5465	109.1800	122.5029
15	112.3438	99.3620	117.5218	92.9964
16	112.3438	124.9342	114.4205	90.3281
17	113.2101	116.3712	126.1486	102.3232
18	114.5094	133.4649	105.8057	124.2774
19	114.6427	100.8535	116.6895	95.2666
20	116.5750	133.0498	99.0729	140.8332
21	120.4065	152.5868	444.1081	53.4691
22	120.7729	129.8044	297.6984	48.7618
23	121.5392	109.9046	315.6310	47.4314
24	124.8376	137.6658	340.5824	66.5864
25	133.5999	135.1583	430.4708	45.8829
26	137.0315	140.6412	473.2276	45.8829
27	143.8281	109.7191	460.4599	37.3185
28	146.6267	146.3781	485.3334	32.3211

ASIC 2182

PRESERVED AND CANNED FISH AND OTHER SEAFOODS

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	100.0000	70.2189	95.8797	73.3129
2	100.0000	108.2564	97.3087	119.2499
3	100.0000	108.1607	99.0453	116.6647
4	100.0000	113.3439	107.7662	90.7725
5	102.3000	75.8559	110.3944	76.1218
6	106.9000	97.8105	111.3553	150.0786
7	108.6667	115.2269	114.0353	99.5859
8	109.5000	118.7500	126.6457	64.3739
9	111.1333	67.3726	123.9881	68.3404
10	119.0000	96.1385	123.8393	107.5578
11	119.0000	102.3408	122.9874	124.5142
12	121.2000	118.5828	131.6421	79.5261
13	121.2000	90.3901	125.4812	75.9816
14	124.2333	94.2994	130.6342	130.9712
15	133.8667	107.3129	125.2332	125.6543
16	138.2000	99.6417	126.9075	105.3122
17	140.2000	99.7293	129.5611	170.1172
18	140.2000	134.9642	132.4277	118.2697
19	143.9667	143.2962	133.2933	115.1101
20	151.2667	151.2667	132.1009	115.1101
21	156.4000	74.8049	135.7929	115.8630
22	157.4667	103.2827	141.1209	224.5753
23	165.6333	103.5908	148.6735	213.9535
24	181.2000	106.6242	163.8802	203.5999
25	183.4667	183.4667	163.4139	203.6220
26	187.4000	108.2285	159.4298	192.5255
27	192.9000	179.7850	165.9922	136.1504
28	198.7667	144.4666	170.5363	107.5435

ASIC 2730

PETROLEUM REFINING

QUARTER	DOMESTIC PRICE	DOMESTIC QUANT	IMPORT PRICE	IMPORT QUANT
1	100.6000	99.4404	101.6063	87.9062
2	100.6000	104.0304	100.8307	99.9521
3	99.4000	98.1262	97.7621	104.1633
4	99.4000	98.4030	99.8009	107.9784
5	99.4000	100.0643	98.1198	121.3562
6	99.4000	106.4366	97.7681	131.5887
7	100.5667	102.2716	97.1922	110.0382
8	100.7353	108.6673	97.1896	122.0737
9	103.6000	108.2539	98.1471	129.8022
10	103.2000	110.2389	96.3114	145.5478
11	104.2667	104.3814	102.6183	131.8992
12	106.1000	112.5592	105.6699	134.1821
13	106.5667	114.0879	102.6749	147.1808
14	106.8000	111.7481	112.8603	116.4628
15	106.8000	108.9870	109.4421	127.4072
16	106.8000	108.6088	110.1784	112.9522
17	106.8000	95.4080	113.6854	120.0717
18	106.8000	132.1205	109.9108	158.7085
19	107.2000	115.0992	110.1166	133.0860
20	107.2000	125.3349	103.2785	123.7400
21	107.1333	130.0848	118.2081	135.6715
22	107.2000	135.1350	125.3785	140.5770
23	108.1667	123.1315	223.0064	131.0377
24	114.5000	124.7421	322.5325	141.2628
25	121.5667	116.2640	337.9611	149.7232
26	127.7333	140.4153	387.2697	135.9154
27	140.5000	134.0743	401.7821	123.1544
28	146.3000	129.5116	405.6683	97.6168

