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No. 58

Comparative Costs of the Manufacturing Industries in Pakistan—A Statistical study.

By

Professor Nurul Islam and I.O. Malik



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PAKISTAN INSTITUTE OF DEVELOPMENT ECONOMICS  
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Comparative Costs of the Manufacturing Industries in Pakistan -  
A Statistical Study.

The magnitude and pattern of industrialisation in Pakistan has attracted a considerable amount of interest at home and abroad. The pattern of industrialisation has been analysed in a number of studies. The relative efficiency of the industries has also been analysed in terms of the effective protection i.e., protection of the value added in manufacturing industries in Pakistan. However, a direct estimate of the costs of manufacturing industries and their comparison with the costs of competing imports have not been so far available. This paper is an attempt to collect empirical evidence in the comparative costs of a large number of Manufacturing Industries in Pakistan. This is an important raw material for the study of industrial efficiency in Pakistan and hence is considered worthy of presentation here for use in further research.

The main sources of data for this study are the reports of the Tariff Commission, Government of Pakistan, which has most generously made available the various reports prepared by the Commission on the manufacturing industries of Pakistan. Accordingly the sample of industries covered in the study, though large, does exclude some important industries like cotton textiles, jute, woollen textiles, etc. which were not referred to the Commission. They do cover, on the other hand, a wide variety of individual industries which are well defined in terms of their products and contain in addition a comparison of costs with well defined and closely substitutable competing import products. This avoids the problem of weighting, on the one hand, and comparability, on the other, which are involved if large groups of industries are dealt with. It is possible that the sample of industries is a biased one in the sense that only the industries with the highest cost approached the Tariff Commission. On the

other hand, it might be argued that only those industries which could not either manipulate or influence in their favour the fixation of tariff rates without an approach to the Tariff Commission approached the Tariff Commission. Moreover, since the quantitative restrictions remained through out the period an important means of shutting off foreign competition, an appeal to Tariff Commission may have been necessary only in cases where quantitative restrictions are not adequate. Therefore, the direction of bias in the sample of industries covered here is not quite clear.

The data are presented here chronologically. The cost ratios are calculated for each of the individual products of the individual industry to the extent that data were available. The cost ratio is estimated as the ratio of ex-factory price to the cif price of the closely competing import product. The ex-factory prices are in some cases estimated by the Tariff Commission, since either the cost estimates are not submitted by the industry concerned or the estimates submitted by the industry are not acceptable or inadequate and, therefore, need cross-checking and in some cases an adjustment of some of the items of cost are found necessary. There are cases where the costs differ between individual firms within an industry. In the majority of these cases the Commission selects a representative firm whose costs it takes as the basis for comparison with the cif price of the competing import product. In some other cases, comparison of the cif price is made with the ex-factory prices of a number of firms so that instead of having one price ratio for one product, there would be a number of cost ratios for a product. The individual cost ratios are indicated in the table. In other cases each of the ex-factory prices is compared with all the alternative CIF prices. There are cases where the cif prices differ considerably depending upon the origin of import and this also yields a range of ratios; there are commodities in the case of which there are not only alternative quotations of cif prices but also different ex-factory prices for different firms producing the same commodity. In these cases, the alternative

cost ratios are estimated sometimes by pairing off highest cif price with the highest domestic ex-factory price and the lowest cif price with the lowest domestic ex-factory price.

A clarification about "Drugs and Pharmaceutical Industry" is to be noted. The products of this industry are divided into 24 broad groups. Most of the groups contain more than one product. We have followed the same method as described above and have compared individual items. Afterwards, we have taken average of individual items of each group and have presented only groupwise average. We have not given the comparison of individual items.

The year referred to in the present study for each industry or product indicates the period when the reports of Tariff Commission were finalized and presented to the Government. Usually the data also relate to the same period but whenever there is a discrepancy and data belong on to earlier period, it has been mentioned.

The present analysis covers 115 industries and more than three hundred individual products. A cost ratio for an individual industry is a simple average of the cost ratios for the individual products produced by an industry. The Tariff Commission reports do not provide information on the value of output of each individual item of an industry so as to use them as weights for averaging the cost ratios of different products. The quantities of output of individual items are sometimes given in units which are not comparable as between different items. In cases where there is only one product produced by an industry, the quantity of output is given in units which are not comparable between different industries and hence quantities can not be used as weights to combine the cost ratio for a number of industries. Moreover, data on quantities of output are not available for all the industries.

An intertemporal comparison of the cost ratios is possible on the basis of the present data, even though a changing composition of industries over time imposes an important limitation.

Moreover, a classification of industries into three categories i.e. consumer goods, capital goods and intermediate goods or into other major groups of industries can be made.

These cost ratios are based on the given exchange rate prevailing at the time of the comparison. In this sense, the ratios may indicate the magnitude of relative overvaluation of exchange as well. However, these cost ratios are private cost ratios and not social cost ratios in the sense that factor prices and costs do not necessarily reflect the scarcity prices. They may include excessive profits in protected industries or reflect the effect of high wage rates in organised, tariff protected industries. These are some of the issues which research on the analysis of the data presented here may devote itself to. An additional aspect of the analysis of the cost ratios would be a classification of industries in terms of their labour or capital intensity or in terms of foreign exchange component, both current foreign exchange requirements and foreign exchange component of capital equipment. Unfortunately, the details of cost data are not available to enable the identification of the particular reasons for high costs in individual industries. It is necessary to collect supplementary data on these aspects from other sources in order to discover areas or industries in which Pakistan's comparative advantage lies.

In addition to the Tariff Commission reports which have been used for the present study, there may be available additional sources of data on the comparative costs of the Pakistan industries. These may be available in the various feasibility studies which are prepared for new industrial projects in Pakistan. It is presumed that a large number of such feasibility studies have been undertaken during the first and second five year plans. An examination of such data would provide valuable insight into the problem under study here.



TABLE - 1

## COMPARATIVE COSTS OF MANUFACTURING INDUSTRIES

Year	Name of Product or Industry	Actual ex-factory price including indirect taxes	Actual Ex-factory price excluding indirect tax
(1)	(2)	(3)	(4)
<u>1951</u>	<u>Steel Casting Industry</u>		
	Billets (2½" X 2½")	1.22-0.88	1.02-0.80
	Most recent offer for import	0.79	0.72
	Average	0.89	0.81
<u>Note:</u>	Fair price: only one ex-factory price		
<u>1951</u>	<u>Steel Re-rolling Industry</u>		
	A, Rounds (5/8" diameter)		1.16 <sup>a</sup>
			1.08 <sup>b</sup>
	B, Bailing hoop		1.27 <sup>a</sup>
			1.20 <sup>b</sup>
	Average		1.18
		a/ Billet used as raw material.	
		b/ Rerollable scrap as raw material.	
<u>Note:</u>	Fair price. only one C.I.F. for each A and B		
<u>1951:</u>	<u>Grinding Wheel Industry</u>		
	Circular wheels of straight shape		
	6" x 1" x 1"		1.54
	12" x 1" X 1"		2.30
	12" x 2" x 1"		2.61
	14" x 2" x 1½"		2.60
	Average		2.26
<u>Note:</u>	FAIR Price		
<u>1951</u>	<u>Motor Car and Cycle Pumps</u>		
	Hand Pumps		1.74 <sup>f/</sup>
	Cycle Pumps		0.91-1.14
	Cycle Pumps		1.44-1.80
	Cycle Pumps		1.14-1.43
	F/ FAIR Average		1.42
<u>Note:</u>	Two ex-factory prices, being lowest and highest, were quoted for		

Cont'd

(1)	(2)	(3)	(4)
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Cycle pumps and these have been compared separately with three C.I.F. quoted by three importing firms. It is also to be noted that indigenous cycle pumps are inferior to imported ones.

1951: Leather Footwear Industry

1, Average quality (local) and cheap quality (European)	1.28-1.35	1.16-1.23
2, Cheap (local) and cheap (India)	1.86	1.69
Average	1.59	1.44

Note: For 1 highest and highest; lowest and lowest.

1951 Industrial Type Power

Switch Board Industry

1000 Amp. Single panel, Switch board simple type 1.12<sup>a/</sup>

<sup>a/</sup> Local price has been quoted at a loss in order to stand competition.

1952: Match Industry

1. Match Box of 50 sticks from European Countries in W. Pakistan	3.11-2.07	2.07-1.38
2. Match box of 40 sticks from European countries in W. Pakistan	3.23-2.51	2.15-1.67
3. Match box of 40 sticks from Hongkong and Macao in E. Pakistan	3.01-2.51	1.93-1.61
Average	3.11-2.36	2.05-1.55

Note: Fair Price. one ex-factory price in West Pakistan has been compared with different C.I.Fs. while a different ex-factory price in E. Pakistan has been compared with different C.I.Fs.

1952: Washing Soap Industry

Cakes 'A' Grade (manufactured by full boiled process and having 63% or more fatty acid contents) 1.43

Note: FAIR PRICE



(1)	(2)	(3)	(4)
<u>1952:</u>	<u>Lock Industry</u>		
	G.I. Padlocks	1 1/4"	1.00 .91
	G.I. Padlocks	2"	1.59 1.41
	Brass padlocks	1 1/2"	2.55 2.32
	Brass padlocks	2"	2.83 2.57
	German Spring type	2"	1.16 1.05
	Master type	1 1/4"	1.73 1.57
	Master type ordinary	1 1/2"	1.28 1.16
	Pin Tumbler Type	1 1/4"	1.40 1.27
	Drawer Lock (brass)	3"	1.62 1.47
		Average	1.75 1.58
<u>NOTE:</u>	Fair Price		
<u>1952:</u>	<u>Vermicelli, Macaroni and spaghetti</u>		1.42 1.29
<u>NOTE:</u>	FAIR PRICE		
<u>1952:</u>	<u>Bidi Industry</u>		
	Average size, medium quality and average price of bidi from India		
	East Pakistan		1.49
	West Pakistan		1.53
		Average	1.51
<u>NOTE:</u>	FAIR Price. Different C.I.Fs and ex-factory prices for both wings.		
<u>1952:</u>	<u>Umbrella Industry</u>		
	Average price of Imports (most comparable)		0.93-1.24
	India		1.92-2.56
	Hongkong (cheap)		3.51-4.68
	Japan (Cheap)		5.94-7.91
		Average	3.07-4.09
<u>Note:</u>	Fair price. Two exfactory prices depending on quality of cloth ribs and handle used.		

(1)	(2)	(3)	(4)
<u>1952: Sodium Silicate Industry</u>			
	Local Product (50°B-60°B)		
A.	At Karachi		
	India (48°B-50°B)		1.44
	Germany (58°B)		1.22
	India (58°B-60°B)		1.20
	U. K. (60°B)		1.12
B.	At Chittagong		
	India		1.19
	U. K.		1.14
	Average		1.22

Note: Fair price. There is one exfactory price, Freight and handling charges have been added to get exfactory price at Chittagong. The C.I.F. prices quoted for Chittagong are different from prices quoted for Karachi.

<u>1952: Paints, Colour and Varnish Industry</u>			
	Stiff white (ordinary)	1.86	1.69
	Ready mixed green	2.39	2.17
	Gopal varnish (ordinary)	1.23	1.13 <sup>a/</sup>
	White Enamel (ordinary)	1.50	1.37
	Red enamel (ordinary)	1.50	1.36
	Average	1.70	1.55
	<u>a/</u> Local product inferior		

Note: FAIR PRICE.

<u>1952: Plastic Industry</u>			
1.	Combs (average of three size - 5"; 6½"; 7½")	1.20	1.04
2.	Tumblers	1.08	0.98
3.	Switches	1.98	1.65
4.	Ceiling Roses, Pendent-Holder and cut out	1.37	1.14
5.	Ball point pen	0.84	0.76 <sup>a/</sup>
6.	Fountain pen	1.34	1.22
	Average	1.30	1.13
	<u>a/</u> Local product inferior		

Note: FAIR PRICE.

(1)	(2)	(3)	(4)
<u>1952: Fruit Preserving Industry</u>			
1.	Orange squash 1 case ( 12X26 oz)	2.10	1.91
2.	Apricot Jam 1 case ( 12 x 1 lb)	1.69	1.54
3.	Canned apricot 1 case ( 12 x 30 oz)	1.37	1.25
4.	Fruit syrup 1 case ( 12 x 6 oz)	1.70	1.55
5.	Apple Preserve A different type of containers. Contents Weight 82 lbs.	1.86	1.69
6.	Apple preserve B(2 x 41 lbs)	1.78	1.62
7.	Mango chatney ( 2 x 41 lbs)	1.99	1.80
8.	Mango pickle (Achar) 2nd Grade ( 2 x 41 lbs)	2.08	1.89
9.	Gulqand A. In different containers Contents weight 82 lbs.	1.33	1.21
10.	Gulqand B. ( 2 x 41 lbs)	1.27	1.15
	Average	1.72	1.41

Note: FAIR PRICE.

<u>1953: Hurricane Lantern</u>			
1.	Local Type V, Imported Type A	0.85	0.77
2.	Local Type W		
	Type B)	1.24	1.12
	Type C) Imported	1.15	1.04
	Type D)	1.09	0.99
3.	Local Type X, Imported Type E	.96	0.88
	Average	1.06	0.96

a/ one exfactory price

Note: FAIR PRICE.

(1)	(2)	(3)	(4)
<u>1953: Iron Safe and Almirah Industry</u>			
1.	Iron Safe (fire Proof) 30" x 24" x 24" (local) 29" x 22" x 22½" S. (Imported)	1.39	1.26
2.	Steel Almirah (with four adjustable shelves) 72" x 36" x 20" (local) 72" x 36" x 24" C. ) 72" x 36" x 18" S.S. ) Imported 72" x 36" x 18" 'M' )	2.18 1.83 1.74	1.98 } a/ 1.66 } 1.59 }
3.	Filing Cabinet 52" x 24" x 18" (local) 52" x 24½" x 18" A.M. ) 52" x 21½" x 18" S.S. ) Imported 52" x 19¼" x 24½" 'M' )	2.27 2.11 2.06	2.06 } b/ 1.92 } 1.88 }
	Average	1.94	1.76
		a/ One exfactory price	
		b/ One exfactory price	

Note: Fair price.

<u>1953: Cycle Tyres and Tubes Industry</u>			
	Tyre, Brand A (3) 28" x 1½"	2.69	2.44
	Tube, Brand C (3) 28" x 1½"	2.56	2.33
	Average	2.62	2.38

Note: Fair price

<u>1953: Canvas Shoe Industry</u>			
1.	Special Tennis Shoe (local) and Cheap from India and China	2.85	2.74
2.	Special Tennis Shoe (local) and medium quality from Czechoslovakia, India, U.K. and Netherland.	1.23	1.18
3.	Deluxe (local) and Higher quality (U.K.)	1.00	0.96
	Average	1.69	1.63

Note: For 1 and 2 one exfactory price.

(1)	(2)	(3)	(4)
1953	<u>Diesel Oil Engine Industry</u>		
	Horizontal type Engine		
	15/16 H.P.		1.57
	18, 22, 24 and 26 H.P.		1.81
	Average		1.69

Note: Fairprice

1953:	<u>Wire netting Industry</u>		
	Galvanised Iron wire		
	netting (square and hexagonal meshes)		
	3 x 16	1.80	1.64
	5 x 20	1.39	1.26
	10x 20	1.23	1.12
	16x 28	1.12	1.02
	Average	1.38	1.26

Note: Fairprice

1954	<u>Fire Bricks Industry</u>		
	Moderate Heat duty	1.45	1.32
	Fire brick (Alumina		
	Contents upto 40% )		
	Average	1.45	1.32

Note: Fairprice

1954	<u>Brush Industry</u>		
	1. Hair Brush, wooden back, nylon bristles	2.05 & 2.20	1.78 & 1.91
	2. Paint brush 2" single Hog bristles	2.33	2.03
	3. Paint brush 2" double Hog bristles	1.03	0.93
	4. Paint brush 3" hog bristles	1.53	1.39
	5. Cloth brush, wooden back Mexican fibre	2.01	1.83
	6. Cloth brush, wooden back, with handle, Mexican fibre	2.77	2.52
	Average	1.96	1.75

Note: Fairprice. For item No.1 one exfactory price and two CIF quotations

1	0	2	0	3	0	4
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1954 Pulleys Industry

A. American type (average price; different sources of imports)

12" x 4"	1.87	1.70 <sup>/a</sup>
16" x 6"	1.27	1.16 <sup>/a</sup>

B. Wrought Iron

36" x 6" (U.K.)	2.04	1.85 <sup>/b</sup>
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Average 1.72 1.57

Note:- Fair Price

<sup>/a</sup> C.I.F. 1952  
<sup>/b</sup> C.I.F. 1951

1954 Electric Bulb

15 Watts	1.65	1.47
25 "	1.90	1.68
40 "	1.91	1.69
60 "	1.88	1.67
75 "	1.56	1.39
100 "	1.65	1.47
150 "	1.23	1.09
200 "	0.97	0.86
300 "	0.74	0.66

Average 1.50 1.33

1954 Battery and Battery Plates

Battery for Motor Car

A. Rehman (local)

1, 6 Volts, 17 Plates, Capacity in amp. hours 100	2.60	2.36
2, 6 Volts, 17 Plates, Capacity in amp. hours 114	2.17	1.97
3, 6 Volts, 19 Plates, Capacity in amp. hours 130	2.26	2.05
4, 6 Volts, 21 Plates, Capacity in amp. hours 144	2.27	2.06

B. Exide Battery (local)

1, 6 Volts, 13 Plates, Capacity in amp. hours 85	2.53	2.30
2, 6 Volts, 15 Plates, Capacity in amp. hours 100	2.50	2.27
3, 6 Volts, 17 Plates, Capacity in amp. hours 114	2.54	2.31
4, 6 Volts, 19 Plates, Capacity in amp. hours 130	2.42	2.20
5, 6 Volts, 21 Plates, Capacity in amp. hours 144	2.44	2.22

Cont'd



1	2	3	4
6,	12 Volts, 7 Plates, Capacity in amp. hours 43	3.50	3.18
7,	12 Volts, 9 Plates, Capacity in amp. hours 57	3.14	2.85
	Average	2.58	2.34

Note:- Same C.I.F. has been used for exactly similar specification in both cases.

1954 Beret Industry

Beret caps (U.K)	1.35	1.22
Beret caps (Czechoslovakia)	1.75	1.59/a
Average	1.55	1.40

Note:- One exfactory price /a C.I.F. 1951

1955 Beer Industry

Murree Beer (local)	/a	/b	/a	/b
U.K.	3.44	2.96	1.34	1.28
Germany	3.20	2.75	1.24	1.19
Netherland	3.24	2.79	1.26	1.20
Japan	4.08	3.51	1.59	1.51
Average	3.49	3.002	1.36	1.29

/c Exfactory price for 1953  
/a Karachi  
/b Lahore

Note:- One exfactory price. The difference between Karachi and Lahore exfactory prices (without taxes) is because of difference in freight charges as the factory is located at Rawalpindi. The difference in exfactory prices with taxes are due to different rates of indirect taxes levied in Karachi and Lahore.

1956 Boot Polish Industry

Cobra, large size 40 grams(imported)	1.64	1.49
Cobra, small size 16 ,, ,,	1.59	1.45
Average	1.61	1.47

Note:- FAIR PRICE

1956 Coir Goods  
Ropes

0.75      0.68/a

/a 1954 prices

1	2	3	4
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1957 Match Industry

Match Box of 40 sticks from Norway, Hongkong, Czechoslovakia and Russia 1.22 - 1.48 0.87 - 1.06<sup>/a</sup>

<sup>/a</sup> The C.I.Fs are for 1954 with adjustment for devaluation

Note:- Fair price. One exfactory price

1957 Vermicelli, Macaroni and Spaghetti

Average of all the three products 1.35 1.23

Note:- Fair price

1957 Slate and Slate Pencil Industry

A. Stark (Portugal) and metal slate (local) 1.92  
B. Slate pencil (Portugal) 1.63

Average 1.77

Note:- The imported slates are made of stones where as indigenous one are made of metal sheets.

1957 Aluminium and Brass Utensil Industry

A. Aluminium utensils <sup>/a</sup>  
Standard Industries, Karachi. 1.50 - 1.11  
M.E. Dada Bhoy Sons, Chittagong 1.58 - 1.55

B. Brass utensils (West Pakistan)

1. Plate 0.76 - 0.82  
2. Katori 0.85 - 1.00  
3. Thali 0.82 - 1.09

Average 1.10 - 1.11

<sup>/a</sup> The prices for imports are whole sale price of Bombay

Note:- For A, different exfactory prices and C.I.F. quotations have been used for both places. The ratio is between highest and highest and lowest and lowest. For B, two exfactory prices for each item and one C.I.F. for each item.

1958 Gas Lantern including Gas Mantle Industry

A. Gas Lantern

1. Petromax (W. Germany)	1.08	0.98
2. Redheart (China)	2.11	1.92
3. Solar 350M (Hongkong)	2.00	1.82
4. Solar 350 MR( -do- )	1.95	1.77
5. Solar 300 MR( -do- )	1.67	1.52

Cont'd....

1	2	3	4
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**B. Gas Mantle**

1. Solar 500 CP (Hongkong)	1.05	0.95
2. Solar 300-400 CP (Hongkong)	1.21	1.10
3. Solar 200 CP (Hongkong)	1.30	1.17
Average	1.55	1.40

Note:- Only one exfactory price for A and only one exfactory price for B.

**1958 Typewriter Ribbon and Carbon paper Industry**

Ribbon 1/2" wide and 36" long	1.41	1.29
Carbon paper	1.00	0.91
Average	1.20	1.10

**1958 Electric Motor Industry**

2 H.P.		1.64
3 "		1.68
5 "		1.87
.7.5 "		1.82
10 "		1.95
15 "		2.23
Average		1.87

**1958 Grinding Wheel Industry**

6" x 1"		.78
12" x 1"		1.07
12" x 2"		1.19
14" x 2"		1.22
Average		1.06

/a C.I.F. for 1957 and fair price for 1956

Note:- Fair price

**1958 Electric Fans**

56" capacitor fan (U.K. and Japan)	1.04	0.87/a
" " " U.K.	1.25	1.04/b
" " " India	0.90	0.75/b

/a This is the ratio between C.I.F. and exfactory selling price in 1950  
/b 1956 prices

Note:- One exfactory price for 1956

1	2	3	4
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1958 Safety Razor Blade

Treet (local)		<u>/a</u>
Darko (Germany)	3.27	2.84
7 O'clock (India)	1.14	0.99
,, (U.K.)	1.08	0.94
Panama (India)	2.47	2.15
Average	1.99	1.73

/a C.I.F. and exfactory price both are for 1955

Note:- One exfactory price.

1959 Hurricane Lantern Industry

Sind Industrial Corporation Type	0.83	0.75 <u>/a</u>
No.27 (local) and similar from Hongkong	0.88	0.80 <u>/b</u>
Average	0.86	6.78

/a 1956 prices

/b C.I.F. 1956 and local price 1959

Note:- One C.I.F.

1959 Industrial Type Power Switch Board Industry

Highest foreign tender and lowest local tender (average price of 9 items)		1.28
2 Panel, indoor, floor mounting, H.T. Switch Board (U.K.)		<u>/a</u> 1.29 & 1.28
4 Panel, indoor, floor mounting, H.T. Switch Board (U.K. and Germany)		1.51 & 1.14
4 Panel, indoor, floor mounting, H.T. Switch Board (U.K.)		1.82 & 1.37
5 Panel, indoor, floor mounting, H.T. Switch Board (U.K. & Germany)		1.84 & 1.30
6 Panel, indoor, floor mounting, H.T. Switch Board (U.K.)		1.87 & 1.31
4 Panel, indoor, floor mounting, H.T. Switch Board (U.K. & Germany)		4.25 & 1.58
2 Panel, indoor, floor mounting, H.T. Switch Board (U.K.)		2.14 & 1.45
2 Panel, indoor, floor mounting, H.T. Switch Board (U.K.)		2.14 & 1.45
Average		2.10 & 1.36

/a The prices are in response to tender. The ratio is between lowest and lowest and highest and highest.

1959 Straw Board Industry

Straw Board	2.31	<u>/a</u> 2.08
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/a 1958 prices

1	0	2	0	3	0	4
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1959 Fruit Preserving Industry

A. Producer - I		
Orange Squash		1.63
Lemon Squash		1.56
B. Producer - II		
Orange Squash		1.42
Lemon Squash		1.40
C. Producer - I		
Lime Juice Cordial		1.13
Average		1.42

Note:- Fair price. One C.I.F. for Squashes

1960 Diesel-oil Engine Industry

Horizontal (slow speed)

12 H.P.	Manufacturer	B	1.93)/a
"	"	D	1.63)
13 "	"	C (U.K.)	1.24)/b
"	"	C ( " )	1.34)
14 "	"	B ( " )	1.37
15 "	"	A ( " )	1.46)/c
15 "	"	A (Germany)	3.18)
16 "	"	B (U.K.)	1.59)/d
"	"	C ( " )	1.64)
"	"	D ( " )	1.29)
20 "	"	A (Germany)	3.50)/e
20 "	"	B ( " )	3.48)
20 "	"	D ( " )	2.89)
24 "	"	D (U.K.)	1.22
25 "	"	A (U.K.)	1.53
26 "	"	B ( " )	1.55)/f
"	"	D ( " )	1.32)
27 "	"	D ( " )	1.37)/g
27 "	"	D ( " )	1.30)
40 "	"	C ( " )	1.74
80 "	"	C ( " )	2.30
Average			1.88

/a	One C.I.F. and two exfactory prices	
	Two C.I.F. and one " "	" "
/b	" " " 3' " "	" "
	" " " 2' " "	" "
/c	" " " 1' " "	" "
	" " " " " "	" "

1	2	3	4
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1960 Fire Bricks Industry

Moderate Heat Duty Fire Bricks	0.99	0.90 <sup>/a</sup>
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<sup>/a</sup> local product being sold at a loss.

1960 Sodium Bichromate Manufacturing Industry

Sodium Bichromate	1.90	1.73
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1960 Plastic Industry

5 Amp. Tumbler Switches one way		1.44
Ceiling Roses		1.47
5 amp. Socket Two Pins		1.50
5 Amp. Plug Two Pins		1.31
Tooth Brush (Hongkong) 'Leader' (local)		2.81 <sup>/a</sup>
Tooth Brush (Hongkong) ,, ,,		3.16
Average		1.95

Note:- Fair Price                      <sup>/a</sup> One exfactory price

1960 Washing Soap Industry

A. Bar Soap (W.Pakistan)	0.80 - 1.44
B. Dacca Soap (E.Pakistan; not specified bar or otherwise)	0.80 - 1.60
C. Ordinary Bar Soap	0.80 - 0.96
Average	0.80 - 1.33

Note:- Only one C.I.F.

1960 Iron Safe and Steel Almirah Industry

A. Steel Almirah	1.32	1.20
72" x 36" x 24" (Local)		
77" x 38" x 21" (Imported)		
B. Ward Robes	1.90	1.73
64"x48"x24" (Local)		
72"x48"x24" (Imported)		
C. Filing cabinet	2.55	2.32
52"x18½"x24" (Local)		
52"x25"x18"(Imported)		
D. Cash Boxes	1.58	1.44
Average	1.84	1.67

Note:- Fair Price



1	0	2	0	3	0	4
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1960 Wire Melting Industry

Wire Gauge			
1. Manufacturer A			
12 x 26 x 3' x 50' (U.K.)	1.57	1.42 <sup>/a</sup>	
16 x 28 x 3' x 50' (U.K.)	1.50	1.37 <sup>/b</sup>	
2. Manufacturer B			
12 x 26 x 3' x 50' (U.K.)	1.99	1.81 <sup>/a</sup>	
16 x 28 x 3' x 50' (U.K.)	1.96	1.78 <sup>/b</sup>	
1/2 x 20 x 3' x 150' (U.K.)	2.57-3.46	2.34-3.14 <sup>/c</sup>	
1 x 18 x 3' x 150' (U.K.)	4.39	3.99	
2x 16 x 3' x 150' (U.K.)	4.44	4.04	
3 x 16 x 3' x 100' (U.K.)	4.28-6.44	3.87-5.85 <sup>/c</sup>	
Average	3.03	2.75	

<sup>/a</sup> Same C.I.F.  
<sup>/b</sup> Same C.I.F.  
<sup>/c</sup> One exfactory price and highest and lowest C.I.F. for each specification.

Note:- Fair price. The specifications are Mesh, Gauge of wire, width of roll and length of roll respectively.

1960 Transormer Industry

A. Lowest Foreign quotation	
25 KV.	2.14
50 ,,	1.92
75 ,,	1.92
100 ,,	1.91
B. Median Price between highest and lowest foreign quotations	
25 KVA	1.33
50 ,,	1.26
75 ,,	1.23
100 ,,	1.27
Average	1.62

Note:- Same exfactory price for each specification has been used both in 'A' and 'B'.

1961 Dye Stuff Industry

	<sup>/a</sup> and <sup>/b</sup>	<sup>/a</sup> and <sup>/b</sup>
Sulphur	1.61 2.63	1.46 2.39
Congo Red	1.80 3.55	1.64 3.23
	1.24 2.45	1.13 2.23
Direct Green	2.01 2.78	1.83 2.53
Direct Black	2.00 2.94	1.82 2.67
Direct Blue	1.00 2.04	0.91 1.85
Average	1.57 2.56	1.47 2.48

Note:- One exfactory price for each variety except Congo Red for which there are two exfactory prices due to difference in strength & both prices of Congo Red have been compared with one C.I.F.

<sup>/a</sup> West Germany and U.K. (highest C.I.F.)  
<sup>/b</sup> Poland and Czechoslovakia (Lowest C.I.F.)

1	2	3	4
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1962 Slate and Slate Pencil Industry

Slate (Italy) 1.22

Note:- Fair price

1962 Belting Industry

A. Hair Belting		/a
Type I (U.K.)	1.31	
Type II + 10% (U.K.)	1.19	
Type III + 17½% (,,)	1.11	
Type IV + 30% (,,)	1.01	
E. Germany		
Type I less 35%	1.88	
Type II less 25%	1.75	
Dutch	1.02	
B. Rubber Belting		
China	1.67	
Japan	1.31	
Denmark	1.19	
Holland	1.02	
Average	1.31	

/a 1961 prices

Note:- Only one exfactory price for 'A' and only one exfactory price for 'B'. In case of 'A' the different C.I.F. quotations are due to difference in weight and strength.

1962 Breakfast and Farinaceous Food Manufacturing Industry

Quaker Corn Flakes	1.35	/a	1.20
Cereal Sugar Roasted Rice Crunchies	0.81		0.72
Cereal, Puffed Wheat	1.44		1.28
Barley Powder	1.21		1.07
Pearl Barley	1.80		1.60
Average	1.30		1.17

/ 1960 price

1962 Acetone

Japan	1.91	/a	1.70
U.S.A.	1.81		1.61
U.K.	1.91		1.70
U.K.	1.69		1.50
U.K.	1.63		1.45
Average	1.79		1.59

/a 1961 prices

Note:- One exfactory price

1	2	3	4
1962	<u>Bicycle Tube Valves</u>	1.53	1.37
1962	<u>Brass Strips</u> Italy, Japan, China 15 SWG	1.43	1.27
1962	<u>Brass Ingots</u>	1.56	1.39
1962	<u>Fire Fighting Hose Pipes</u>		
	1 - 1/2"	1.97	1.75
	2"	1.96	1.74
	2 - 2 1/2"	1.83	1.63
	2 - 3/4"	1.90	1.69
	3"	1.96	1.74
	4"	2.24	1.99
	Average	1.98	1.75
1963	<u>Vermicelli, Macaroni and Shaggetti</u>		/a
	Macaroni	0.75	0.66
	Shaggetti	0.76	0.67
	Average	0.755	0.665

Note:- Fair. Same as existing /a C.I.F. 1959

(1)	(2)	(3)	(4)
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1963      Umbrella Industry

Haji Mohd. Saleh. on the basis of components from material under AID licence 1962.      a/ 1.42

a/ 1962 prices

1963:      Match Industry

Dacca Match Factory 1962	2.94-2.06	1.85-1.31
Dada Match works 1961	2.83-2.01	1.78-1.26
Sattar Match works 1961	2.87-2.03	1.81-1.28
Average	2.88-2.03	1.81-1.28

Note:-      Lowest C.I.F. from Poland and China and highest from Norway and Czechoslovakia. Same C.I.F. quotations in each case. One exfactory price in case of each firm.

1963:      Transformer Industry

From Cold Silican Sheet      a/

A, Lowest Foreign quotation

25 KVA	1.83
50 KVA	1.77
100 KVA	1.63

B, Median price between highest and lowest foreign quotation

25 KVA	1.14
50 KVA	1.16
100 KVA	1.09
Average	1.44

a/ C.I.F. for 1960 and Fair price 1962

Note:-      Fair price. Same exfactory prices for each specification have been used in 'A' and 'B'.

(1)	(2)	(3)	(4)
1963:-	<u>Textile Powerloom Mfg. Industry</u>		
	Automatic looms		
	A, BECO and Japan 44"		1.43
	" " " 56"		1.44
	B, Siddiqui Brothers and Japan 44"		1.29
	" " " 56"		1.25
	" " " 46"		1.11
	Average		1.30

Note:- Same C.I.F. for both A and B. The C.I.F. for 44" is not available, hence C.I.F. for 46" has been compared with exfactory prices of 44"

1963:-	<u>Grinding Wheel</u>		
	A, Carborundum		
	10.1½	1.63	1.45
	12.1	1.54	1.37
	12.2	1.48	1.32
	14.1½	1.54	1.37
	B, Electrundum		
	10.1½	1.56	1.39
	12.1	1.47	1.31
	12.2	1.43	1.27
	14.1½	1.48	1.32
	Average	1.52	1.35

1963:-	<u>Alkatra</u>		
	A, M/s. Bengal Friends and Co., Dacca		a/
	U. K.	1.65	1.47
	India	1.52	1.35
	B, M/s. S. Zaman and Co., Dacca		
	U. K.	1.64	1.46
	India	1.51	1.34
	C, M/s. Elite Chemical Chittagong		
	U. K.	1.64	1.46
	India	1.51	1.34
	Average	1.58	1.40
		a/ 1961 prices	

Note:- Same C.I.F. quotations in all the three case and one exfactory price for each A, B and C.

1963:-	<u>Arc Welding Electrodes</u>		
	Mild Steel Electrodes 8SWG		1 <sup>a</sup>
	overcord (local) and vodex (U.K.)	2.11	1.83
	citobest (local) and Fastex(U.K.)	2.04	1.78
	Average	2.07	1.80
<u>Note:-</u>	FAIR PRICE.		1 <sup>a</sup> 1962 prices

(1)	(2)	(3)	(4)
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1963:- Steel Ball ( Grinding Media ) a/

Italy ( 90 mm)		1.64
W.Germany ( 90 mm)		1.08
Average		1.38

NOTE:- Only one exfactory price. a/ 1962 prices

1963:- Brass Hinges

3" (Sweden)	0.78	0.69
4" ( " )	0.63	0.56
5" ( " )	0.52	0.46
Average	0.64	0.57

1963:- Electric Meter

A, Simen, (local)		
1. Single phase 10-40 Amp.	2.70	2.35
2. Three phase, three wire 15 Amp	2.92	2.54
3. " " " " 20 "	2.92	2.54
4. " " " " 30 "	2.59	2.25
5. " " Four " 10 "	3.05	2.65
6. " " " " 15 "	3.09	2.69
7. " " " " 20 "	3.37	2.93
8. " " " " 30 "	3.16	2.75
		<u>a</u>
B, Single phase 10 Amp. (Syed)	2.68	2.33
" " " (Simen)	2.92	2.54
C, Three phase 3 wire 10 Amp. (Syed)	2.77	2.41
" " " " (Simen)	3.24	2.82
D, Three phase 4 wire 10 Amp. (Syed)	2.40	2.09
" " " " (Simen)	3.24	2.82
Average	2.93	2.55

a Fair price

Note:- The imported meters are "Ganz" from Hungary. one C.I.F. quotation for each specification and as such has been compared both with "Simen" and 'Syed'

1963:- Barytes Industry

Off white and white grade  
Barytes packed in double gunnybag a

India	1.55	1.38
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Note:- Fair price. a C.I.F. 1962

1963:- Galvanised Iron Pipe

M/s. Hyesons Steel Mills Ltd. Karachi

1/2" (Japan and U.S.A.)	2.94 & 1.47	2.56 & 1.28
3/4" ( " " )	2.75 & 1.46	2.39 & 1.27
1" ( " " )	3.03 & 1.55	2.63 & 1.35
1 1/4" ( " " )	3.04 & 1.50	2.64 & 1.30
1 1/2" ( " " )	3.08 & 1.59	2.68 & 1.38
2" ( " " )	3.08 & 1.55	2.68 & 1.35

Cont'd.....



(1)	(2)	(3)	(4)
2½"	( Japan and U.S.A. )	2.87 & 1.37	2.50 & 1.19
3"	( " " " )	2.84 & 1.24	2.47 & 1.08
Average		2.95 & 1.47	2.57 & 1.28

Note:- One exfactory price for each specification has been compared with two C.I.F. quotations being lowest and highest C.I.F. quotation for each specification.

1963:- Sulphur

			/a
	Nasir trading Co., (local)		
1,	For Chemical Industries (U.S.A.)	3.32	2.95
2.	For News Print (U.S.A.)	1.64	1.46
3.	For Paper Mills (Belgium)	1.56	1.39
4.	For Sugar Mills (W.Germany)	1.71	1.52
	" "	1.83	1.63
5.	For Match Factories "	1.48	1.32
	" "	1.39	1.24
Average		1.85	1.64

Note:- Only one exfactory price has been compared with all the C.I.F. quotations. Imported Sulphur used by different industries bear different C.I.F.

/a Exfactory price 1961-62

1963:- Shell Lining Plates

			/a
	Italy	1,96	1.74

/a 1962 prices

1963: Brass Rods, Brass Wires and Brass Hexagonal Industry

A,	Brass Rods		
	2½" to 7/16" dia.	1.66	1.48
	3/8", 5/16", ¼" dia.	1.56	1.39
	5/16" dia. (Belgium)	1.53	1.36
B,	Brass Wire		
	Less than ¼" dia.	1.56	1.39
Average		1.58	1.40

Note:- Average exfactory price for each group of specification. Similarly average C.I.F. of different sources for each group of specifications.

1963:- Asbestos Cement Sheet Industry

A,	Asbestos cement sheets	1.37	1.22
B,	Galvanised corg. Iron sheet		
	U.S.A. ( 26 and 28 G )	1.47	1.31
	Japan (26 G)	1.82	1.62
	" (28 G)	2.06	1.83
Average		1.68	1.49

Note:- Only one exfactory price

(1)	(2)	(3)	(4)
<u>1963:- Umbrella Fitting</u>			
1.	Ribs		
	India	1.60	1.42 <sup>a/</sup>
	Japan	2.78	2.47 <sup>b/</sup>
2.	Runner (India)	1.64	1.46 <sup>b/</sup>
3.	Notches( " )	1.96	1.74 <sup>b/</sup>
4.	Ferrules( " )	2.07	1.84 <sup>b/</sup>
5.	Caps ( " )	2.20	1.96 <sup>b/</sup>
	Average	2.04	1.81

NOTE:- Only one exfactory price for 'Ribs' has been compared with both C.I.F. quotations. The exfactory price being average of prices of two firms in the case of ribs.

a/ Exfactory price 1961  
b/ Exfactory price 1961-62

<u>1963:- Bicycle Manufacturing Industry</u>			
	China (Dumping Price)		2.59 <sup>a/</sup>
	Normal imports from cheaper sources U.K. and Japan		1.64
	Higher quality ( U.K.)		1.30
	Average		1.84
			a/ 1960 prices

NOTE:- Only one exfactory price being average price

<u>1963:- Drugs and Pharmaceutical Industry</u>			
1.	Vitamins		32.23
2.	Anthelmintic		1.26
3.	Anticonvulsants, Sedative, Tranquilizers		2.17
4.	Sympathetic & Parasympathetic Preparations		1.34
5.	Tonics		1.50
6.	Antimalarials		1.16
7.	Medicinal Dyes, flavouring and Sweetening Agents		1.38
8.	Prescription chemicals		1.39
9.	Laxatives, purgatives etc.,		1.24
10.	Medicine for Cardiovascular Diseases		2.18
11.	Harmones		1.27
12.	Sulphonamide		1.15
13.	Cough preparations and Deconjestants		1.54
14.	Calcium and its preparations		0.21
15.	Diagnostic Agents		0.91
16.	Haemtinics		1.20
17.	Antihistamins		1.63
18.	Antacids, Carminatives, Digestants		1.11
19.	Anti T.B. Agents		.93
20.	Antidiabetic preparations		1.54
21.	Antidysentric Amoebic preparations		1.33
22.	Analgesic, Antipyretic, Antirheumatic Substances		1.14
23.	Antiseptic, Disinfectants		2.40
24.	Antibiotics		1.90
	Average		1.42
	Average		1.58 <sup>a/</sup>

a/ If average taken of individual items instead of groups.

(1)	(2)	(3)	(4)
1964:-	<u>Electric Bulb</u>		a/
A.	25, 40 and 60 watts	1.60-1.89	1.39-1.64
B.	100 Watts	1.51-1.58	1.31-1.37
	Average	1.55-1.73	1.35-1.50

a/ 1962-63 prices

NOTE:- One C.I.F. and two exfactory prices being lowest and highest for each A and B.

1964:- Rubber Vaccum Brake Fittings a/

A.	Syphon Hoses		
1.	National Tyre and Tube 36" $\frac{3}{4}$ " $\frac{3}{4}$ " (local)		
	U. K.	0.86	0.75
	India	1.15	1.00
2.	Sind Auto Engineering 24" $\frac{3}{4}$ " $\frac{3}{4}$ "		
	U. K.	2.32	2.02
	India	2.25	1.96
B.	Vaccum Hose		
1.	National Tyre and Tube 27" .2" .2" (local)		
	U. K.	2.25	1.96
	India	2.58	2.24
2.	Sind Auto Engineering 27" .2" .2" (local)		
	U. K.	2.21	1.92
	India	2.53	2.20
	Average	2.02	1.75

NOTE:- For B Same C.I.F. quotations have been compared with one exfactory price of each firm  
For A one exfactory price in case of each a/ 1962 prices firm. The C.I.F. quotations are different in A (1) and A (2)

1964: Hurricane Lantern Industry a/

A.	M/s. Sind Industrial Corp. Karachi		
	Feurhand (Germany)	1.14	0.99
	Dietz (U.S.A.)	0.74	0.64
B.	M/s Bayazid Industries Ltd., Chittagong		
	Feurhand (Germany)	1.25	1.09
	Dietz (U.S.A.)	0.82	0.71
	Average	0.99	0.86

NOTE:- One Exfactory price in each case. The exfactory prices are average of two brand in the case of both firms. Same C.I.F. quotations have been compared with the prices of both firms.  
a/ 1963 prices

1964:- Safety Razor Blades

	Treet (local) and 7 O'clock (Imported)	0.89	0.78
	Treet Special (local) " " " "	1.60	1.39
	Average	1.24	1.08

a/ 1963 prices

NOTE:- Only one C.I.F.

(1)	(2)	(3)	(4)
1965	<u>Iron and Steel / Brass Wood Screws</u>		
A,	Brass Wood Screws M/S Guest Keen & Nettlefold (Local) and Belgium		
	1/2" x 4 Sg.	2.63	2.27
	3/4" x 4 Sg.	2.31	1.99
	3/4" x 5 Sg.	2.60	2.24
	1 1/2" x 8 Sg.	2.16	1.86
B,	Steel Wood Screws		
1,	M/S Guest keen and Nettlefolds (local) and U.K.		
	1/2" x 4 Sg.	1.07	0.93
	3/4" x 5 Sg.	1.23	1.06
	3/4" x 6 Sg.	1.17	1.01
	1" x 6 Sg.	1.19	1.03
	1" x 7 Sg.	1.20	1.03
	1" x 8 Sg.	1.60	1.35
	1 1/4" x 7 Sg.	1.20	1.03
	1 1/4" x 8 Sg.	1.50	1.29
	1 1/2" x 8 Sg.	1.46	1.26
2,	M/S Guest keen and Nettlefolds (local) and Japan.		
	Same specifications as above	1.99	1.73
		2.35	2.03
		2.40	2.08
		2.24	1.94
		2.38	2.05
		2.86	2.46
		2.39	2.06
		2.71	2.34
		2.66	2.30
3,	M/S Guest keen and Nettlefolds (local) and China.		
	Same Specifications as above	3.15	2.73
		3.18	2.74
		3.15	2.73
		3.07	2.65
		3.11	2.67
		3.16	2.73
		3.15	2.71
		3.09	2.66
		3.10	2.67
	Average	2.31	1.99

Note:- For B only one exfactory price for each specification has been compared with different C.I.F. quotations for each specification.

(1)	(2)	(3)	(4)
1965	<u>Sodium Hydrosulphite</u>		/a
		2.36	2.05
Note:- Average C.I.F. from France, U.K. and W. Germany /a 1964 Prices			
1965	<u>Aluminium Sheets</u>		
	M/S Pakistan Metal Industries (local) and China.	1.93	1.68
	Rajput Metal Works (local) and China	1.94	1.69
	Average	1.93	1.68
Note: Only one C.I.F.			
1965	<u>Hydrogen Peroxide</u>		
	35% concentration		
	W. Germany	1.37	1.19
	U.K.	1.36	1.18
	U.S.A.	1.09	0.95
	Average	1.27	1.11
Note:- Only one exfactory price.			
1965	<u>Sodium Bichromate and Basic chromium</u>		
	A, Sodium Bichromate	1.83	1.59
	B, Chrome Pak. (local) and basic Chromium Sulphate (Imported)	1.97	1.71
	Average	1.90	1.65
1965	<u>Wire Drawing</u>		
	Nail wire	2.30	1.98
	Black Annealed wire	2.22	1.91
	Galvanised Iron & steel wire	2.30	1.98
	Average	2.27	1.96
1965	<u>Drycell and Batteries Industry</u>		
	Mono Type Cell		
	1, Allied Trading Corp (local) and China	3.32	2.74
	2, Haque Bros. "	3.03	2.50
	3, Pakistan Battery Mfg. Co., " "	2.73	2.26
	Average	3.02	2.50
Note:- Fair price. Only one C.I.F.			
1965	<u>Nylon Monofilament</u>		
	A, Australia		
	1.40 mm		2.42
	1.30 "		2.29
	1.20 "		2.17
	1.10 "		2.35
	0.90 "		2.45
	0.80 "		4.60
Contd....			



1	2	3	4
B,	W. Germany		
	1.40 mm		1.51
	1.30 "		1.62
	1.20 "		1.46
	1.10 "		-
	0.90 "		1.43
	0.80 "		2.00
	Average		2.21

Note Only one exfactory price for each specification

1965 Shark Plug

Hero 14 and 18 mm (local)		
Champion 14 mm (imported)	1.61	1.39
BOSCH 14 mm	1.73	1.49
" 18 mm	1.56	1.34
Average	1.63	1.40

Note:- Only one exfactory price for both specifican has been compared with different C.I.F. quotations.

1965 Steel Re-rolling

M.S. Bars (Japan)		2.26
M.S. Flats ( " )		2.09
M.S. Joints ( " )		2.23
M.S. Channel ( " )		2.09
M.S. Angles ( " )		2.14
M.S. Tees ( " )		2.17
M.S. wire Rods (Japan)		2.09
Average		2.15

Note:- Fair price

1965 Caustic Soda

Solid 98/100% concentration	2.46	2.14
Liquid 98/100% concentration	2.23	1.94
Average	2.34	2.04

Note:- Only one C.I.F.

1965 Oil Circuit Breaker

A, High Tension		
Philips (local) and U.K.	1.97	1.64
B, Low tension		
Faizi (local) and U.K.	0.78	0.65
Average	1.38	1.15

Note:- Fair price

1965 Penicillin

Sodium Salt		6.25
Pottasium Salt		4.90
Average		5.57

Note:- Only one C.I.F.



1965 Vitamin A.

Vitamin A in Oil  
Glexo (local) and U.K. 2.34

1965 Emery cloth, Emery Paper and Sand Paper

A <sub>1</sub>	Emery cloth, Grade: 00, 0, 1/2 & 1		
	Oakay product U.K.	0.99	0.85
	English abrasive U.K.	1.03	0.89
	China	1.60	1.38
A <sub>2</sub>	Emery cloth, Grade: 1 1/2 & 2		
	Oakay product U.K.	0.95	0.82
	English abrasive U.K.	0.96	0.83
	China	1.55	1.34
B <sub>1</sub>	Emery paper, Grade 00, 0, 1/2 & 1		
	Oakay product U.K.	1.22	1.05
B <sub>2</sub>	Emery paper, Grade 1 1/2 & 2		
	Oakay product U.K.	1.30	1.12
C <sub>1</sub>	Sand paper Grade 00, 0, 1/2 & 1		
	Average of Oakay product & English abrasive U.K.	1.23	1.06
	China and Poland	1.97	1.70
C <sub>2</sub>	Sand paper, Grade 1 1/2 and 2		
	Average of Oakay product & English abrasive U.K.	0.93	0.82
	China and Poland	2.03	1.75
	Average	1.31	1.13

Note:- For Emery cloth one exfactory price for each grade .  
For Emery paper same C.I.F. has been compared with the  
exfactory price of each grade. For Sand paper one  
exfactory price for each grade.

1965 Brake and Cluch Lining Manufacturing Industry

	Heavy for Trucks		
	B/O/43/44/1 U.K.	2.20	1.85
	B/O/27/28/1 "	2.23	1.88
	B/O/25/26/1 "	2.21	1.86
	At/22/2 "	2.42	2.04
	Average	2.27	1.91

1965 Bicycle parts

	Hubs		3.32
	B.B. Axles		3.52
	Fork Head Fittings		5.05
	B.B. Fittings		4.23
	Average		4.03

1965 Paper pins and gem clips

	paper pins	2.86	2.41
	Gemclips	2.45	2.06
	Average	2.65	2.23

1965 Press Buttons

	Exfactory price 1963	2.65	2.30
	Exfactory price 1965	2.70	2.25
	Exfactory price since ban of Imports in 1965	4.26	3.59
<u>Note:</u>	only one C.I.F. Average	3.20	2.71

1	2	3	4
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1965 Sheet and Plate Glass

2. mm (China and Czechoslovakia)	3.02	2.54
3. mm (Poland and China)	2.87	2.42
Average	2.94	2.48

1966 Starch, Glucose etc.

A, Liquid Glucose		/a
U.K.		2.02
B, Dextase		
China (average price)		2.92
Average		2.47

/a 1964-65 prices

1966 Hard board Industry

China	3.00	2.61 <sup>a/</sup>
Sweden	1.71	1.49
Average	2.35	2.05

/a 1965 prices

Note:- Only one exfactory price

1966 Sod Ash

A, Light Soda ash		/a
U.K.	2.01	1.75
China	2.60	2.25
B, Heavy Soda ash		
U.K.	2.37	2.06
Average	2.32	2.02

a/ 1963-64 prices  
price

Note:- One same exfactory for both light and heavy variety.

1966 Car and Truck Tyre and Tubes

One set of tyre and tubes		
5.90 - 13JA6PR	3.85	2.48
6.40 - 13 JA6PR	3.37	2.17
7.00 - 15 JA6PR	2.79	1.80
7.50 - 20TR12PR	4.07	2.62
9.00 - 20TR12PR	4.06	2.62
8.25 - 20TC12PR	4.44	2.86
Average	3.76	2.44

1966 Accetate Rayon

Japan	5.75	3.76
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1966 Accetic Acid

China	1.98	1.68
Germany and Denmark	1.81	1.52

Cont'd....

1	2	3	4
	Average	1.89	1.60
<u>Note:-</u>	One exfactory price		
<u>1966</u>	Writing paper <sup>a/</sup>	1.57	1.32
<u>1966</u>	Sugar <sup>b/</sup>	4.55	3.63
<u>1966</u>	Cement <sup>c/</sup>	1.67	1.41

<sup>a/</sup> IBRD Report. "The Industrial Development in Pakistan 1966", page 126

<sup>b/</sup> IBRD Report 1966, page 121

<sup>c/</sup> IBRD Report. "The Industrial Development of Pakistan, June 1966", page 121.

-20-  
TABLE-II  
EXCESS CAPACITY AND NUMBER OF FIRMS.

Year	Name of Industry or Product	No. of Firms	Percentage of capacity utilization
1	2	3	4
1951	Steel Casting Industry	2	21.81
1951	Steel Re-rolling Industry	29	27.77
1951	Grinding Wheel Industry	1	22.00
1951	Motor Car and Cycle Pumps	5 <sup>b/</sup>	n.a.
1951	Leather Footwear Industry	Many units	61.17
1951	Industrial Type power switch Board Industry	1	12.00
1952	Match Industry	12	29.41
1952	Washing Soap Industry	1300	32.28
1952	Lock Industry	23	n.a.
1952	Vermicelli, Macaroni and Spaghetti	1	1.63
1952	Sidi Industry	very large number <sup>b/</sup>	n.a.
1952	Umbrella Industry	48	n.a.
1952	Sodium Silicate Industry	15	33.33
1952	Paints, Colour and varnish Industry	15	17.33
1952	Plastic Industry	53 <sup>a/</sup>	28.10
1952	Fruit Preserving Industry	108	32.46
1953	Hurricane Lantern Industry	5	16.92
1953	Iran Safe and Almirah Industry	21	n.a.
1953	Cycle Tyres and Tubes Industry	8	31.19
1953	Canvas shoe Industry	4	29.92
1953	Diesel oil Engine Industry	78	41.70
1953	Wire Netting Industry	2	52.60
1954	Fire Brick Industry	9	24.85
1954	Brush Industry	12	66.66
1954	Pulleys Industry	26	66.66
1954	Electric Bulb	2	41.00
1954	Battery and Battery Plates	2	29.78
1954	Beret Industry	2	62.47
1955	Beer Industry	1	n.a.
1956	Boot Polish Industry	42	n.a.
1956	Coir Goods	61 <sup>c/</sup>	25.00
1957	Match Industry	39	45.83
1957	Vermicelli, Macarone & Spaghetti	1	17.67
1957	Slate and Slate Pencil Industry	81	n.a.
1957	Aluminium and Brass utensil Industry	57	32.78
1958	Gas Lantern including Gas Mantle Industry	20	95.00
1958	Typewriter Ribbon and Carbon Paper Industry	3	7.02
1958	Electric Motor Industry	5	n.a.
1958	Grinding Wheel Industry	2	66.66
1958	Electric Fans	27	n.a.
1958	Safety Razor Blade Industry	1	86.60
1959	Hurricane Lantern Industry	9	21.05
1959	Industrial Type Power Switch Board Industry	4	n.a.

a/ 16 large and 37 small

b/ Small Scale Industries

c/ Many Small Units

1	2	3	4
1959	Straw Board Industry	5	49.07
1959	Fruit Preserving Industry	108	n.a.
1960	Diesel Oil Engine Industry	103	22.09
1960	Fire Bricks Industry	13	27.81
1860	Sodium Bichromate	1	n.a.
	Manufacturing Industry		
1960	Plastic Industry	218 a/	9.11
1960	Washing Soap Industry	1070 b/	33.33
1960	Iron Safe and Steel Almirah Ind.	37	n.a.
1960	Wire Netting Industry	7	53.10
1960	Transformer Industry	2	n.a.
1961	Dye Stuff Industry	1	39.50
1962	Slate and Slate Fencil Industry	84	19.29
1962	Belting Industry	4	7.20
1962	Breakfast and Farinaceous	1	n.a.
	Food Industry		
1962	Acetone	1	14.28
1962	Bicycle Tube Valves	2	n.a.
1962	Brass Strips	1	4.20
1962	Brass Ingots	1	n.a.
1962	Fire Fighting Hose Pipes	n.a.	n.a.
1962	Vermicelli, Macaroni & Spaghetti	3	5.00
1963	Umbrella Industry	112	15.67
1963	Match Industry	19	n.a.
1963	Transformer Industry	2	71.00
1963	Textile Power Loom Manufacturing	27	19.00
	Industry		
1963	Grinding Wheel	2	51.80
1963	Alkatra	18	37.00
1963	Arc Welding Electrodes	4	n.a.
1963	Steel Ball (Grinding Media)	1	n.a.
1963	Brass Hinges	1	52.36
1963	Electric Meter	2	23.29
1963	Barytes Industry	9	n.a.
1963	Galvanised Iron Pipe	5	46.00
1963	Sulphur	2	38.30
1963	Shell Lining Plates	1	n.a.
1963	Brass Rods, Brass Wires &		
	Brass Hexagonals Industry	1	16.33
1963	Asbestos Cement Sheets Industry	1	63.10
1963	Umbrella Fitting	8	30.00
1963	Bicycle Manufacturing	5	99.10
1963	Drugs and Pharmaceutical Industry	180	n.a.
1964	Electric Bulb	3	86.00
1964	Rubber Vacuum Brake Fittings	3	n.a.
1964	Hurricane Lantern Industry	5	33.00
1964	Safety Razor Blade	4	n.a.
1965	Iron and Steel/Brasswood	12	28.60
	Screws		
1965	Sodium Hydrosulphite	2	34.00
1965	Aluminum Sheets	2	n.a.
1965	Hydrogen Peroxide	1	58.33
1965	Sodium Bichromate and Basic		
	Chromium	1	37.00
1965	Wire Drawing	n.a.	n.a.
1965	Dry Cell and Batteries Industry	9	n.a.
1965	Nylon Monofilament	1	9.00
1965	Spark Plug	1	11.66
1965	Steel Re-rolling	29	n.a.
1965	Caustic Soda	3	6.70
1965	Oil Circuit Brakers	2	n.a.

a/ 39 large and 179 cottage scale

b/ Only those producing more than 100 ton per year

1	2	3	4
1965	Penicillin	1	n.a.
1965	Vitamin A	1	40.56
1965	Emery Cloth, Emery Paper & Sand Paper	1	n.a.
1965	Brake and Clutch Lining	n.a.	n.a.
1965	Bicycle Parts	1	80.00
1965	Paper Pins and Gem clips	5	n.a.
1965	Press Buttons	2	90.00
1965	Sheet and Plate Glass	2	n.a.
1966	Starch, Glucose etc.	n.a.	n.a.
1966	Hard Board Industry	1	n.a.
1966	Soda Ash	n.a.	n.a.
1966	Car and Trucks Tyres and Tube	1	n.a.
1966	Acetate (Rayon)	2	n.a.
1966	Acetic Acid	n.a.	n.a.
1966	Writing Paper	n.a.	n.a.
1966	Sugar	n.a.	n.a.
1966	Cement	n.a.	n.a.

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