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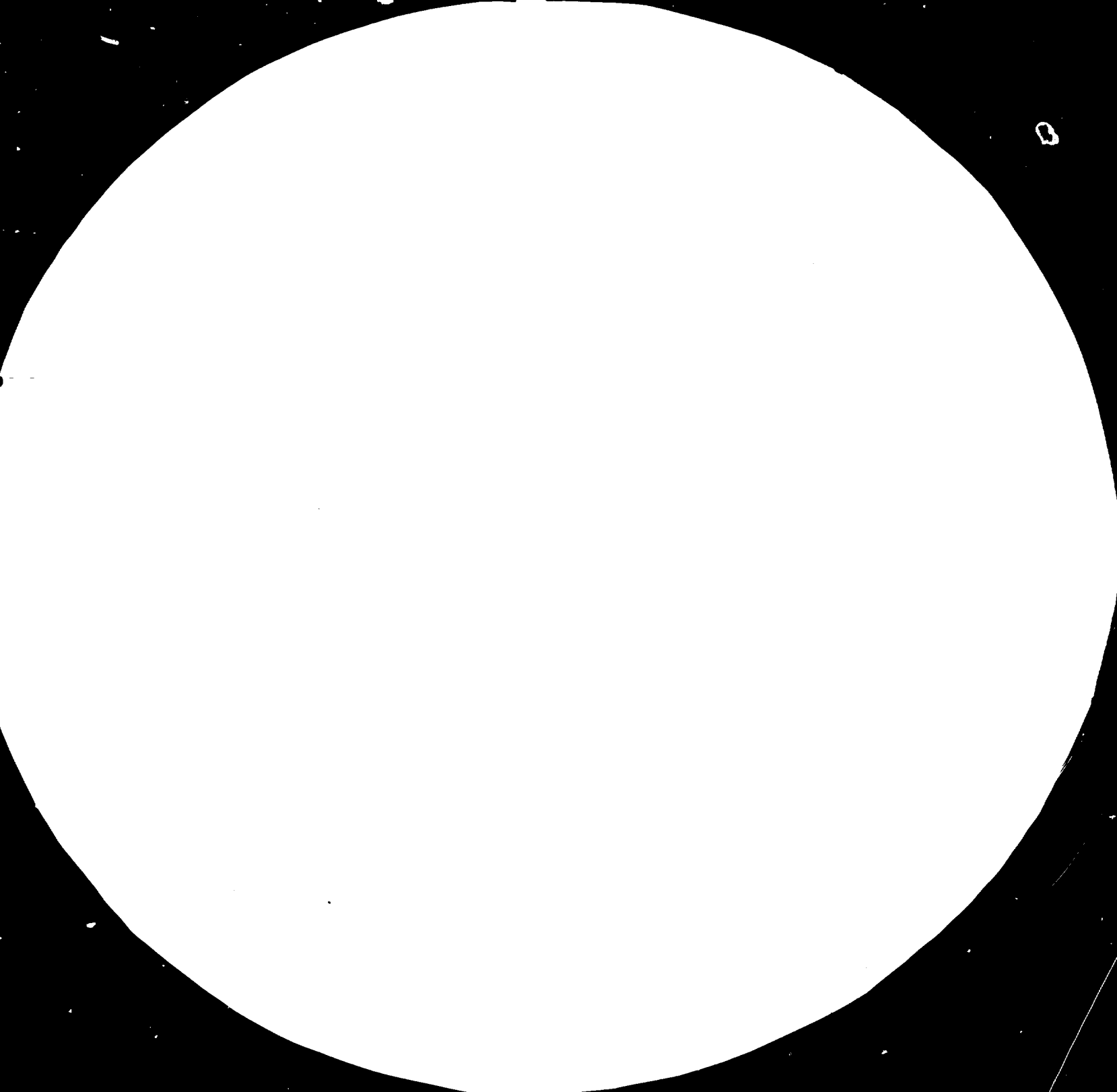
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MICROCOPY RESOLUTION TEST CHART

NATIONAL BUREAU OF STANDARDS  
1963-A MICROFILM REPRODUCTION OF  
NBS 1010-A RESOLUTION TEST TARGET,  
U.S. GOVERNMENT PRINTING OFFICE

14444

June 1984.

India.

SPECIFIC CONSUMPTION OF STEEL

Questionnaire on India prepared by Mr. M. RAMADHYANI,  
consultant to UNIDO, as a contribution of the Sectoral  
Studies Branch, Division for Industrial Studies, to  
publication ECE/STEEL/45 of the Economic Commission for  
Europe.

restricted

## Preliminary Methodological Note

### 1. Source of Data

Two major sources of data have been utilised for the study namely, the Central Statistical Organisation (C.S.O), New Delhi, and the Steel Authority of India, (SAIL), New Delhi.

1. The Central Statistical Organisation, collects and publishes data on a wide range of economic activities. As far as manufacturing industry is concerned, the data is published in the Annual Survey of Industries (A.S.I.). The survey is conducted every year, but till date, economic tables after 1973-74 have not been made available. ASI data relates to the manufacturing sectors 20 to 39 of the National Industries Classification, while the coverage of the sectors broadly corresponds to the ISIC, Rev. 2 of 1968, there are a few minor differences. For the steel consumption study, adjustments have been made to conform as closely as possible to the ISIC Subsector 3<sup>02</sup>. The coverage of the Sub-Sector is attached. However, details of Iron and Steel consumption of sub-sectors of 3<sup>01</sup> were not given in the form specified in the questionnaire. This entailed a considerable amount of aggregation into flat products, long products, etc.

Another C.S.O. publication that was utilised was the Monthly Statistics of Production of Industries in India from which indices of industrial production of sectors 3<sup>01</sup> to 3<sup>04</sup> were derived.

2. Steel Authority of India : The Steel Authority of India which was established in 1975-76, brings out data on Iron and Steel production, exports and imports in its annual publication entitled Sales Statistics. Although, this publication is available only from 1975-76 onwards, data on some aspects of the steel industry are available for the earlier years also.









QUEST/STEEL/ESC/1

I T S N	UNIT	ACTUAL DATA IN UNIT INDICATED																						
		1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total apparent consumption of finished steel products in the whole country																								
17 Apparent steel consumption total	1000t																							
- of which MILK steels	"							5079	4117	3988	4201	4317	4403	5219	5893	5703	6270	5519	6318	6921	7774	8052	8205	9232
- of which alloy steels	"													258	265	338	341	299	330	321	552	1120	447	510
- of which heat-treated steel	"																							
- of which hot rolled flat	"							1380	1267	1044	1196	1245	1209	1542	1524	1323	1556	1547	2009	1816	2137	2298	1943	2640
- of which cold-rolled flat	"							455	322	424	494	479	488	727	784	661	643	623	622	594	887	733	698	730
- of which heavy long products	"							212	192	206	306	349	247	221	256	161	278	174	168	195	255	247	272	262
- of which light long products	"							2276	2191	1842	1725	3450	1975	2247	2855	3178	3430	2861	3095	3635	4111	3973	4805	5402

Handwritten notes:   
 (Apparent consumption - (Product stocks))   
 MILK Steel

4937 3923 3768 3926 4121 4258 5057 5413 5351 6011 5267 6068 6675 7476 7230

















I T E M	UNIT	ACTUAL DATA IN UNIT INDICATED													
		1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
production or some other measure of activity of the steel-consuming sector: ISIC-332 Non-electrical machinery															
3321 Engines and turbines	Value at constant prices (1000 Rs)	1600 4102	1271 3100	1460 3484	2117 4222	2890 7374	3209 6229	5323 10241		9432 17338	10218 18411	11210 19361	8579 13321		19963 27247
3322 Agricultural machinery & equipment	"	8 205	7 17	278 603	30 62	580 1223	1176 2500	2286 4456		3164 5816	4332 7205	5406 9336	7137 11022		8133 11101
3323 Metal and wood-working machinery	"	635 1620 4700	926 2257	1283 3062	1703 3279	2226 4725	2803 5764	3099 6312		2993 5502	5131 9245	4400 7597	5828 7050		6427 8801
3324 Special industrial machinery and equipment (except 3323)	"	2730 6764	3764 9170	4992 11914	6448 14149	7621 16861	8551 18174	8385 17077		8024 14750	10385 18712	12466 21530	23462 34132		20386 27927
3325 Office computers and accounting machinery	"	374 754	435 1061	539 1284	644 1407	854 1887	844 1776	914 1862		953 1752	924 1665	1381 2345	1386 2152		1573 2185
3329 Machinery, non-electrical, not elsewhere classified	"	2334 5754	3561 8685	3032 9177	5775 13066	6985 15224	10178 21338	11297 22524		12665 22656	14805 26277	18319 31804	16812 26267		20229 37871
332 Total	"	7689 1765	9964 24302	11934 28212	16517 37307	21156 46293	26761 56103	31304 62359		37231 66603	45795 81341	53182 92330	63204 92756		84711 11700
Evolution of steel weight in certain types of machinery containing steel.															

Note: Handwritten figures are at constant (1975=100) prices.

