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The Interindustry Structure of the United States

A Report on the 1958 Input-Output Study

THIS report presents preliminary results of the 1958 Interindustry Relations Study. The 1958 study is part of a major new program of the Office of Business Economics which involves the periodic preparation of a set of interindustry (input-output) tables as part of an integrated system of national accounts.[1] Such an expanded system of integrated national accounts permits a much more comprehensive understanding of the interaction between the various industries and final markets of the economy.

The program was instituted in the latter half of 1959 in response to a recommendation of the National Accounts Review Committee which was set up at the request of the Bureau of the Budget to evaluate the national accounts work of the United States. One of the principal recommendations made by the Review Committee was that input-output accounts be prepared regularly as an important and integral component of the national accounts.[2] The relationship of input-output to the income and product account.

The 1958 input-output table was prepared as an integral part of the U.S. national economic accounts. To understand the relationship, it is useful to review briefly the National Income and Product Account which provides the takeoff point for the input-output account.

The National Income and Product Account presents the output of the Nation both in terms of final product flows and in terms of the basic income types generated in its production. The final product flows are show in terms of sales to consumers (personal consumption expenditures), sales to investors and inventory change (gross private domestic investment), sales to government and net sales to foreigners. The income, referred to in this article as value added, is shown separately for compensation of employees, proprietors' income, rental income of persons, corporate profits, net interest, capital consumption allowances, indirect business taxes, business transfer payments and current surplus of government enterprises less subsidies. The flows of raw materials, semi-finished products, and services among the various industries are cancelled. The values of these flows are reflected in the final output.

The input-output table also shows final product flows and value added. The final product flows are shown as sales by each industry to the same final markets (consumers, investors, government and foreigners). The value added is shown by industry in which it originates. However, the input-output account extends the data to cover the flows of raw materials, semi-finished products and services among industries as well. In fact, it is the tracing of these flows which forms the basis of the major contribution of input-output.

Usually, input-output data are presented in a table in which each industry is represented by a row and a column; each final market by a column; and value added by one or more rows. The row for an industry shows the distribution of its output to itself and to other industries and final markets; the column shows its consumption of goods and services of the various industries and its value added.

Because the 1958 interindustry accounts have been constructed as a conceptually and statistically integrated complement of the national income and product accounts, the measurement of total GNP as well as of the flows to each of the final markets (personal consumption, gross private domestic investment, government purchases, and net exports) will be the same in the two sets of accounts.[3] The detail of the two accounts will differ, however. In the interindustry accounts the detail of these various final demand columns will be by industry (Table A shows the percent which each industry's sales is of the total sales to that final market). For the national income accounts other types of breakdown are shown.

With respect to value added, the income and product accounts show the several components separately, e.g., compensation of employees, corporate profits, capital consumption allowances, etc. The input-output tables included in this report combine all the components into a single "value added" row. While the value added total for all industries will be identical in the input-output and the national income

1. The development of the input-output tool of economic analysis and the actual construction of the first input-output tables were the work of Wassily W. Leontief. Professor Leontief constructed such tables for the United States for 1919, 1929, and 1939. These tables appear in Leontief's work, *The Structure of the American Economy, 1961*. The Bureau of Labor Statistics prepared an input-output table for 1947 which was released in 1952. These tables were not integrated with the National Income and Product Accounts.

2. The findings of this committee were published in *The National Economic Accounts of the United States*, Hearings Before the Subcommittee on Economic Statistics of the Joint Economic Committee, Congress of the United States, 1957.

NOTE.—A study of this magnitude requires the efforts of a large number of people. Important contributions were made by staff in the Farm Income Branch of the Department of Agriculture's Economic Research Service and in the Division of Economic Analysis of the Bureau of Mines. Within the Office of Business Economics, responsibility for the estimates centered in the National Economics Division with important assistance from staff of the National Income Division.

3. The dollar estimates of final markets and value added implied in the 1958 input-output study will, however, differ from those which appear in the July 1962 *Survey of Current Business*. In the course of developing the 1958 estimates, both for the input-output table and the national income and product benchmark, a number of statistical, conceptual, and definitional changes have been introduced. A revised time series on National Income and Product which incorporates these changes will be forthcoming at a later date.

accounts, the industrial distribution will differ. A detailed industry-by-industry reconciliation will be included in a subsequent publication.

Uses of input-output

Input-output analysis has a variety of applications including such diverse uses as evaluating an individual firm's sales potential and probing the implications of broad economic programs. For example, a businessman can compare his company's marketing position with that of the industry as a whole and note possible areas of additional market potential. Moreover, while companies frequently know the industries which use their products and services, they less frequently know the industries which use the products and services of their customers. Furthermore, their knowledge diminishes rapidly as these relationships are extended to the customers' customers, and so on. An approach, such as input-output, which traces these myriad purchase and sale relationships permits an understanding of the probable changes in demand for the products of any given industry that may result from expected changes in other industries or markets which are seemingly unrelated.

Input-output is a powerful tool for analyzing changes in the economy because it provides a series of links between the demands of final markets and the outputs of industries. Consequently, it brings into focus the possible repercussions of changes in gross national product or its components on the output of each of the industries. For example, it permits identifying the industries which are affected directly and indirectly (and the extent to which they are affected) by specified changes in consumer expenditures, by increasing exports or imports, by changes in the level of defense expenditures, or by an expansion of Federal road building programs.

By use of supplementary data on the employment required per unit of output, the output requirement from each industry can, in turn, be translated into requirements for employment. In a parallel fashion, supplementary information on capital and capacity might be used to shed light on the possible needs for additional plant and equipment.

Table A.—Industrial Composition of Purchases by Final Demand Categories, 1958

(Percent)

Producing industry	Final demand categories [1]					
	Personal consumption expenditures	Gross private fixed capital formation	Net inventory change [2]	Gross exports of goods and services	Federal Government purchases	State and local government purchases
Total	100.00	100.00	100.00	100.00	100.00	100.00
1. Livestock and Livestock Products	.73	0	40.29	.16	−.01	.08
2. Other Agricultural Products	.85	0	38.74	7.52	2.09	.07
3. Forestry and Fishery Products	.10	0	1.29	.13	−.26	(*)
4. Agricultural, Forestry and Fishery Services	0	0	1.34	.01	.08	−.17
5. Iron and Ferroalloy Ores Mining	0	0	−1.54	.17	0	0
6. Nonferrous Metal Ores Mining	0	0	−2.16	.02	.36	0
7. Coal Mining	.09	0	−1.50	1.41	0	.18
8. Crude Petroleum and Natural Gas	0	0	−2.70	.12	0	0
9. Stone and Clay Mining and Quarrying	.01	0	.24	.10	.02	−.04
10. Chemicals and Fertilizers Mineral Mining	(*)	0	−.09	.24	.02	.08
11. New Construction	0	60.22	0	.08	8.22	29.76
12. Maintenance and Repair Construction	0	0	0	0	1.88	8.26
13. Ordnance and Accessories	.05	0	5.64	.07	4.24	.01
14. Food and Kindred Products	15.77	0	10.63	4.82	.41	.67
15. Tobacco Manufactures	1.46	0	−1.71	1.86	0	(*)
16. Broad and Narrow Fabrics, Yarn and Thread Mills	.26	0	−6.97	.90	.09	.02
17. Misc. Textile Goods and Floor Coverings	.25	.07	−1.78	.20	.01	(*)
18. Apparel	3.85	0	−8.27	.60	.07	.22
19. Miscellaneous Fabricated Textile Products	.28	0	−.07	.08	.19	(*)
20. Lumber and Wood Products, Except Containers	.05	.01	2.19	.47	−.01	(*)
21. Wooden Containers	0	0	−.53	.01	(*)	(*)
22. Household Furniture	.53	.20	−.43	.06	.05	.34
23. Other Furniture and Fixtures	.04	1.28	.04	.68	.03	.31
24. Paper and Allied Products, Except Containers	.29	0	−.17	1.11	.23	.01
25. Paperboard Containers and Boxes	.02	0	−.08	.08	.01	(*)
26. Printing and Publishing	.84	0	.71	.40	.17	.43
27. Chemicals and Selected Chemical Products	.07	0	−1.63	2.69	1.38	.60
28. Plastics and Synthetic Materials	(*)	0	−2.93	1.44	.01	0
29. Drugs, Cleaning and Toilet Preparations	1.26	0	2.75	1.88	.26	.44
30. Paints and Allied Products	.01	0	−.28	.13	.01	(*)
31. Petroleum Refining and Related Industries	2.50	0	−12.48	1.79	1.23	.94
32. Rubber and Miscellaneous Plastics Products	.48	.06	−2.18	.90	.22	.18
33. Leather Tanning and Industrial Leather Products	0	0	−.17	.12	0	0
34. Footwear and Other Leather Products	.90	.01	2.15	.15	.04	(*)
35. Glass and Glass Products	.04	0	−.38	.29	(*)	0
36. Stone and Clay Products	.07	0	1.85	.42	.01	.01
37. Primary Iron and Steel Manufacturing	.01	0	−10.71	2.28	.21	(*)
38. Primary Nonferrous Metal Manufacturing	(*)	0	−.45	1.30	.42	0
39. Metal Containers	0	.02	.80	.11	.02	0
40. Heating, Plumbing and Structural Metal Products	.02	1.18	−4.60	.96	(*)	0
41. Stampings, Screw Machine Products & Bolts	.09	0	−4.47	.12	.17	.01
42. Other Fabricated Metal Products	.13	.27	−3.23	1.07	.21	.11
43. Engines & Turbines	.04	.02	−4.04	.40	.45	.01
44. Farm Machinery & Equipment	(*)	2.66	−1.49	.30	.01	.04
45. Construction, Mining & Oil Field Machinery	0	2.11	−4.93	3.02	.15	.05
46. Materials Handling Machinery & Equipment	0	.46	−1.60	.38	.26	.12
47. Metalworking Machinery & Equipment	.01	1.85	−8.83	1.41	.32	.01
48. Special Industry Machinery & Equipment	.01	2.38	−7.15	1.37	.08	.07
49. General Industrial Machinery & Equipment	0	1.68	−5.46	1.17	.37	.01
50. Machine Shop Products	0	0	−.70	.08	.06	.09
51. Office, Computing & Accounting Machines	.02	1.83	−.96	.58	.14	.32
52. Service Industry Machines	.09	1.53	−2.40	.56	.12	.05
53. Electric Industrial Equipment & Apparatus	.01	2.39	−8.92	1.20	.34	.01
54. Household Appliances	.38	.15	−4.29	.70	.04	(*)
55. Electric Lighting & Wiring Equipment	.11	.04	−1.97	.27	.09	.02
56. Radio, Television & Communication Equipment	.47	1.82	−4.79	.86	2.61	.15
57. Electronic Components & Accessories	.05	.04	−3.22	.38	.44	(*)
58. Misc. Electrical Machinery, Equipment & Supplies	.09	.13	−1.64	.30	.17	.06
59. Motor Vehicles & Equipment	3.17	5.78	−35.46	3.91	.57	1.08
60. Aircraft & Parts	.01	.57	−17.56	2.35	12.13	(*)
61. Other Transportation Equipment	.25	1.39	−5.05	1.27	1.22	.09
62. Scientific & Controlling Instruments	.12	.55	−.53	.76	1.02	.21
63. Optical, Ophthalmic & Photographic Equipment	.10	.26	.35	.38	.35	.04
64. Miscellaneous Manufacturing	.37	.45	2.38	.49	.07	.44
65. Transportation & Warehousing	2.98	.81	10.30	9.77	2.70	.09
66. Communications; Except Radio & T.V. Broadcasting	1.35	.58	0	.27	.22	.47
67. Radio & T.V. Broadcasting	0	0	0	.04	0	0
68. Electric, Gas, Water & Sanitary Services	2.73	0	0	.15	.85	1.20
69. Wholesale & Retail Trade	21.23	6.01	4.62	6.99	1.23	.45
70. Finance & Insurance	4.07	0	0	.09	(*)	.47
71. Real Estate & Rental	12.73	1.94	0	1.09	.21	.58
72. Hotels; Personal & Repair Services Exc. Auto	3.26	0	0	0	.46	.23
73. Business Services	.65	0	0	.72	1.07	1.37
74. Research & Development	0	0	0	0	9.66	0
75. Automobile Repair & Services	1.51	0	0	0	.24	.20
76. Amusements	1.12	0	1.47	1.10	.68	−.11
77. Medical, Educational Services & Non-Profit Org.	7.06	0	0	.05	.22	.77
78. Federal Government Enterprises	.22	0	0	.26	.11	.17
79. State & Local Government Enterprises	.11	0	0	.01	.21	.01
80. Gross Imports of Goods & Services	1.33	.02	.54	.83	5.07	.01
81. Business Travel, Entertainment & Gifts	0	0	0	0	0	0
82. Office Supplies	0	0	0	0	.14	.33
83. Scrap, Used, Second Hand Goods	(*)	−1.33	−12.78	.69	.22	.84
84. Government Industry	0	0	0	0	37.34	46.09
85. Rest of the World Industry	−.40	0	0	18.46	−1.16	0
86. Household Industry	1.21	0	0	0	0	0
87. Inventory Valuation Adjustment [3]	0	0	−20.85	0	0	0

[1] The industrial distribution of final purchases is based on producers' prices. Final purchases are shown net of sales; this can result in negative percents where sales exceed purchases.

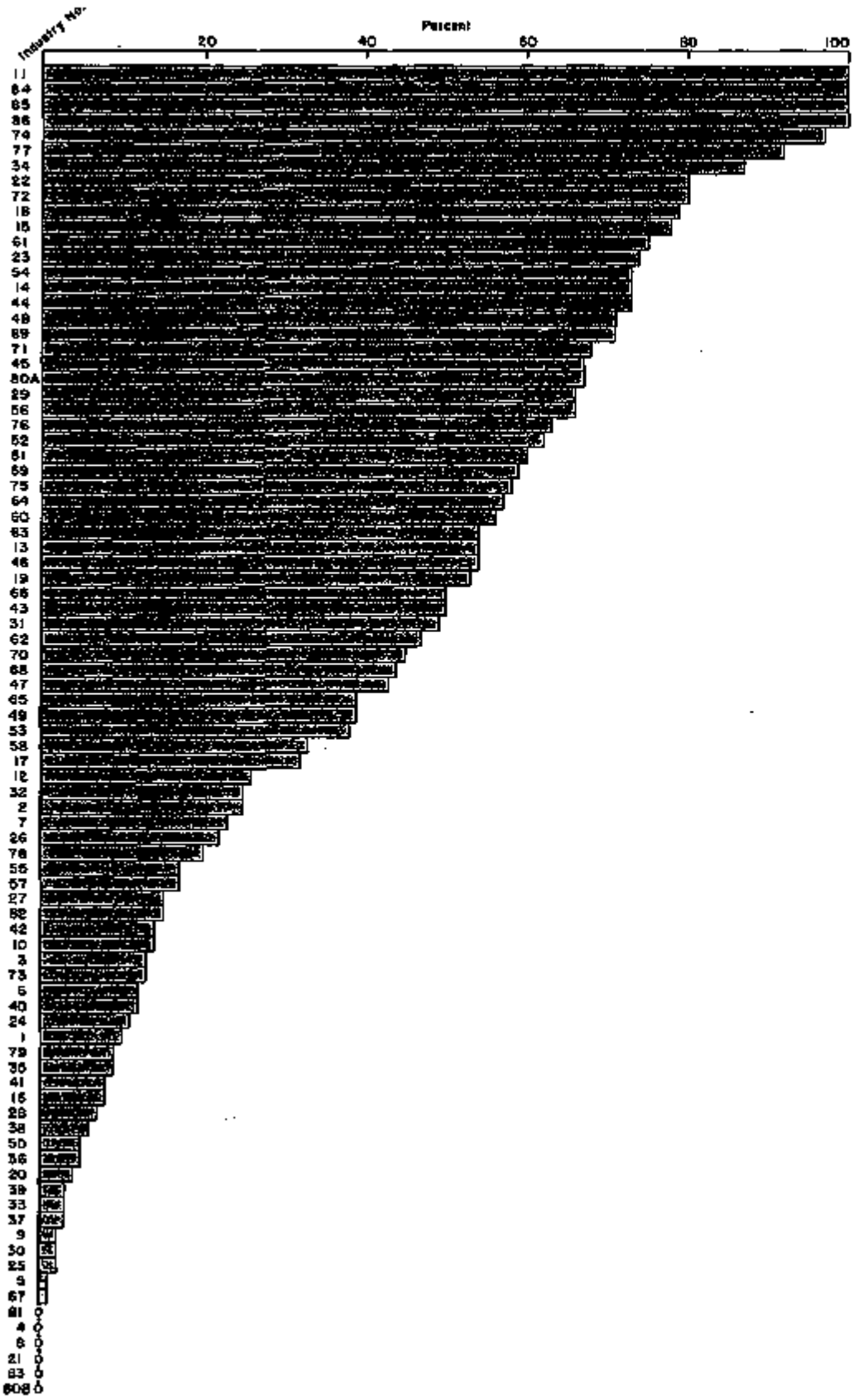
[2] The industrial distribution of inventory change represents the change in inventories of primary products of an industry (wherever held), rather than the change in all inventories held by an industry.

[3] For the input-output table, the inventory valuation adjustment has been made in total only.

* Less than .005 percent. NOTE.—Detail may not add to total due to rounding.

Source: U.S. Department of Commerce, OBE.

Producing Industries Ranked by Percent of Output Sold Directly to Final Demand, 1958



U.S. Department of Commerce, Office of Business Economics

Note: For industry titles see page 17.

A simple example may serve to clarify the way in which input-output can be useful in analyzing changes in the economy. Suppose there is an increased demand by consumers for passenger cars. We know that the increased output of the automobile industry will generate a series of increased demands for output of a large number of other industries. There will be increased demand for steel which in turn will require more chemicals, such as sulfuric acid, more iron, more limestone, and more coal. There will be more demand for upholstery fabrics which will require more natural fibers from agriculture, more synthetic fibers from the chemical industry, and more plastics. The chemical industry will also be called upon to supply more synthetics such as nylon and rayon for the tire industry. These are only a few of the resulting demands occasioned by the single change in consumer requirements. The input-output tables permit tracing this complicated and highly intricate chain reaction through our industrial structure and measuring the demands, both direct and indirect, imposed upon each of the industries.

In conjunction with auxiliary information on the geographic distribution of industries, input-output analysis can be used to shed light on the regional implications of many national programs.

Input-output information is also useful in price analysis. By providing a chain of relationships and a set of weights for these relationships, it enables one to examine, for example, the possible impact on other industries of a given change in wages and/or prices in a specified industry.

Many of the uses of input-output involve the simplifying assumption that the relationships developed in the basic table are appropriate for other years and through a limited range of output levels. It is recognized that there are theoretical limitations to this assumption. However, for the most part, it is close enough to reality to yield satisfactory results.[4] Where significant

4. Further discussion of the nature and implications of the assumption is contained in the unpublished document available, upon request, from OBE. In addition, while the Office of Business Economics has applied the input-output technique to a limited extent in the course of developing the basic estimates, further analytical studies aimed partly at shedding light on the validity of the assumptions under varying conditions are planned for the future.

changes in relationships do occur, proper use of the input-output technique requires that such changes be introduced.

Description of the tables

Three basic tables on 1958 input-output relationships—the output distribution table, the direct requirements table, and the total requirements table—are presented in this first report on the 1958 input-output study.[5] These tables and some of the important economic relationships which they reveal are described below.[6]

Output distribution table (table 1). Table 1 provides information on the 1958 market patterns for the output of each of the industrial categories of goods or services. Each row of this table shows the distribution (in percentages) to each of the industries and final users of the goods and services of the industry. It provides the data needed by a firm to compare its sales pattern with that of its industry, thus identifying potential markets.

It can be noted from table 1 that the direct relationship between the production of an industry and its sales to final users varies considerably. Some industrial categories such as tobacco manufactures (15) and household furniture (22) sold over three-fourths of their total output to final users and are, therefore, directly affected by changes in final markets. On the other hand, other industrial categories such as agricultural services (4) and iron and ferroalloy ores mining (5) sold virtually all of their output to intermediate consumers. For such industries the connection between production and final markets is remote and can be traced only through the sales of their customers. Of the 86 separate industries examined, 51 sold over half of their output to intermediate users; as many as 36 sold more than three-fourths of their output to industrial users. The wide range in the percentage of total output sold directly to final demand is shown in the chart on page 12 which arrays the 86 producing industries by the proportion of their output which was sold directly to final users.

It can also be noted from table 1 that there are wide differences amongst industrial categories in the degree of diversity of their intermediate distribution patterns. For example, while the primary iron and steel manufacturing industry (37) and the metal container industry (39) both sold over 90 percent of their output to other producing industries, the former sold its output to 55 intermediate industries no one having purchased more than 20 percent of its output, while the latter sold its output to only 12 industries with one industry, food and kindred products (14), having absorbed 73 percent of its output.

It is important to bear in mind that the output distributions shown in table 1 refer to 1958 and, therefore, reflect the demand, prices, and product mixture for that year. This output distribution pattern is likely to fluctuate over time as a result of changes in relative importance of industrial markets. Thus, this pattern should be applied with caution to other years.

Direct requirements table (table 2). Table 2 relates each of the inputs of an industry to its total output. Each column of table 2 shows the inputs that the industry named at the top of that column required from each of the industries named at the beginning of the rows to produce a dollar of its output. For example, to produce a dollar of output, the chemicals manufacturing industry (col. 27) required 19 cents of its own production, 5 cents from the petroleum refining industry (row 31), 3 cents from the chemical mining industry (row 10), etc.

The information in table 2 reflects the relatively complex and specialized nature of the United States production process. The table shows quite clearly the heavy interdependence amongst the various producing industries. Ours is not a production process characterized by a simple structure which combines basic raw materials with labor and machines to turn out products which are sold to the final user. Rather, it is characterized by a highly specialized system which fabricates semiprocessed goods and various business services for combination into still further advanced stages of fabrication.

Almost all industries required inputs from at least 25 different industries. As many as 58 producing industries required inputs from over 50 different industries. The chemicals industry (column 27) for example, required inputs from 71 different industries and only 8 of these supplying industries can be considered producers of basic raw materials.

The data in table 2 permit the tracing of the interconnections among the various industries and final demand in a systematic way. For example, assume that the household furniture industry produces $1 million of furniture for sale to consumers. By reference to column 22 it is seen that the household furniture industry would require slightly under $15,000 ($1,000,000 × .01488) from itself. Thus, industry 22 would have to produce a minimum of $1,015,000. Continuing the example, this amount of output would require almost $58,000 ($1,015,000 × .05685) of fabrics from industry 16, a little over $125,000 ($1,015,000 × .12421) of wood products from industry 20 (and so on down the column).

Next we can calculate the output required by each of the supplying industries to meet the requirement placed on them. For example, industry 22 has so far placed a demand on industry 16 for $58,000 of fabrics. In order to produce this value of fabrics, calculating in a similar fashion, industry 16 imposes a demand of $20,000 ($58,000 × .34664) on itself, and for the resulting output requires almost $7,000 ($78,000 × .08465) of man-made fibers and other plastic materials from industry 28, and so on.

5. This report does not include one of the standard tables for the presentation of input-output relationships—the transactions or flow table. This table shows the dollar values of the transactions among the various industries, of the value added, and of the final markets of the economy. The sum of the appropriate final demand columns in such a table is equivalent to gross national product in the year of the table. The preliminary estimates of GNP for 1958 developed as part of the input-output analysis are subject to modification in the course of the development of the revised time series on GNP. Until the time series is completed, the 1958 dollar values cannot be considered as final. However, changes in these values would not affect the interindustry structural relationships presented in this article.

6. It should be noted that information presented in these tables is influenced by the concepts and conventions adopted for the 1958 input-output study. Thus, the various patterns are based on producers' prices. The information does not show sales to wholesale and retail trade for resale but shows the flow of goods directly from producer to user. Some of the distributions do not represent actual sales (or purchases) but reflect "fictitious sales" (transfers) of secondary products to the primary producing industries. Consumption does not distinguish between domestic production and imports when the two are substitutable. The distributions to other industries represent actual consumption and do not include purchases for inventory accumulation or on capital account. Such purchases are included in the final demand categories, net inventory change and gross private fixed capital formation, respectively. The concepts and conventions are described briefly in the final section of this article.

Table B.—Total, Direct, and Indirect Output Attributable to Each Category of Final Demand, 1958

(Percent)

Producing Industry	Personal consumption expenditures			Gross private fixed capital formation			Net inventory change			Gross exports			Federal government purchases			State and local government purchases		
	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect
1. Livestock & Livestock Products	89.9	8.0	81.9	1.4	0	1.4	3.4	2.3	1.1	3.0	.1	2.9	1.4	(*)	1.4	.9	(*)	.9
2. Other Agricultural Products	76.2	10.5	65.7	2.9	0	2.9	3.0	1.8	1.2	10.3	7.6	2.8	8.3	4.7	1.6	1.3	.1	1.2
3. Forestry & Fishery Products	64.1	19.4	44.7	25.3	0	25.3	1.3	1.3	.5	6.0	2.1	2.9	−5.3	−8.4	4.1	9.1	(*)	9.1
4. Agricultural, Forestry & Fishery Services	80.6	0	80.6	3.8	0	3.8	4.1	1.3	2.8	7.3	.2	7.1	7.1	2.9	4.2	−2.9	−4.4	1.5
5. Iron & Ferroalloy Ores Mining	32.1	0	32.1	37.2	0	37.2	−4.6	−1.8	−2.7	13.5	3.3	10.2	12.8	0	12.8	8.9	0	8.9
6. Nonferrous Metal Ores Mining	26.0	0	26.0	26.6	0	26.6	−4.4	−2.4	−2.0	9.1	.3	8.8	35.6	14.5	21.1	7.1	0	7.1
7. Coal Mining	53.9	9.5	44.4	14.9	0	14.9	−1.8	−.9	−1.0	19.1	12.1	7.0	6.3	0	6.3	7.6	2.2	5.4
8. Crude Petroleum & Natural Gas	72.1	0	72.1	9.0	0	9.0	−1.3	−.4	−.9	6.6	.3	6.3	7.8	0	7.8	5.5	0	5.5
9. Stone & Clay Mining & Quarrying	24.2	1.1	23.1	46.5	0	46.5	.2	.2	(*)	4.5	1.4	3.1	8.2	.6	7.6	16.4	−.7	17.1
10. Chemicals & Fertilizers Mineral Mining	46.5	.2	46.4	11.6	0	11.6	−.6	−.2	−.4	20.5	9.8	10.7	13.1	1.9	11.2	8.5	2.1	6.4
11. New Construction	0	0	0	70.5	70.5	(*)	0	0	0	(*)	(*)	(*)	6.5	6.5	(*)	23.0	23.0	(*)
12. Maintenance & Repair Construction	60.7	0	60.7	5.4	0	5.4	.1	0	.1	2.5	0	2.5	9.4	6.3	3.1	21.9	19.9	2.0
13. Ordnance & Accessories	7.0	3.4	3.6	2.8	0	2.8	1.4	1.8	−.4	1.7	.4	1.3	38.7	38.6	38.1	.4	.1	.3
14. Food & Kindred Products	94.0	70.3	23.8	1.0	0	1.0	.6	.4	.2	2.8	1.7	.3	1.0	.3	.7	.9	.4	.5
15. Tobacco Manufactures	90.3	71.8	18.5	.6	0	.6	−.5	−.4	−.1	9.2	7.3	1.9	.3	0	.3	.2	(*)	.2
16. Broad & Narrow Fabrics, Yarn & Thread Mills	89.9	6.5	83.4	3.0	0	3.0	−3.3	−1.0	−1.3	4.9	1.9	3.0	3.2	.5	2.6	1.4	.1	1.3
17. Misc. Textile Goods & Floor Coverings	80.5	29.7	50.8	9.3	1.8	7.5	−1.7	−1.1	−.6	5.2	1.8	3.4	4.4	.3	4.2	2.3	(*)	2.3
18. Apparel	93.5	73.1	19.4	.5	0	.5	−1.1	−.9	−.3	1.4	1.0	.4	.7	.3	.4	.9	.6	.3
19. Miscellaneous Fabricated Textile Products	88.8	52.1	36.8	3.8	0	3.8	−.3	(*)	−.3	2.5	.8	1.7	6.5	4.5	2.0	1.1	(*)	1.1
20. Lumber & Wood Products, Except Containers	27.7	1.8	25.9	45.2	.1	45.1	.8	.7	.1	3.8	1.3	2.5	6.7	−.1	6.8	15.8	(*)	15.8
21. Wooden Containers	78.1	0	78.1	12.4	0	12.4	−1.8	−2.1	.5	6.3	.6	5.7	6.1	.4	5.7	3.7	.1	3.6
22. Household Furniture	78.1	73.2	4.9	13.3	3.8	9.5	−.8	−.2	−.1	.9	.5	.4	3.7	.8	2.9	4.3	1.7	2.6
23. Other Furniture & Fixtures	14.2	8.6	5.6	66.6	53.4	13.2	−.1	(*)	−.1	1.8	1.2	.5	4.9	1.7	3.2	12.6	8.5	4.1
24. Paper & Allied Products, Except Containers	89.2	8.1	80.1	12.9	0	12.9	−.2	(*)	−.2	6.8	2.4	4.4	6.6	.7	5.9	5.7	.1	5.6
25. Paperboard Containers & Boxes	72.9	1.0	72.9	11.4	0	11.4	−.2	(*)	−.2	6.1	.5	4.6	5.9	.1	5.8	3.9	(*)	3.9
26. Printing & Publishing	73.1	19.3	53.8	10.2	0	10.2	(*)	.1	−.1	2.7	.7	3.0	6.2	.7	5.5	6.8	1.4	5.4
27. Chemicals & Selected Chemical Products	53.8	1.8	51.5	12.0	0	12.0	−.5	−.2	−.3	13.2	5.6	7.6	14.6	6.1	8.5	7.4	2.0	5.4
28. Plastics & Synthetic Materials	63.5	.2	63.3	12.5	0	12.5	−2.3	−1.0	−1.3	14.0	7.9	6.1	7.8	.1	7.7	4.5	0	4.5
29. Drugs, Cleaning & Toilet Preparations	82.6	55.9	26.7	2.3	0	2.3	.3	.3	(*)	6.3	4.9	1.4	4.1	2.8	2.1	3.9	2.7	1.2
30. Paints & Allied Products	52.1	.9	51.3	19.4	0	19.4	−.6	−.2	−.4	8.1	1.5	6.6	6.9	.1	6.8	15.0	(*)	15.0
31. Petroleum Refining & Related Industries	70.9	40.3	30.6	9.3	0	9.3	−1.0	−1.0	(*)	6.8	3.6	3.2	8.1	4.0	4.1	5.9	2.1	3.8
32. Rubber & Miscellaneous Plastics Products	52.9	10.0	42.9	16.1	.8	15.3	−1.8	−.6	−.5	7.2	3.1	4.1	9.6	1.7	7.9	6.2	1.1	4.1
33. Leather Tanning & Industrial Leather Products	88.7	0	88.7	2.9	0	2.9	.5	−.3	.8	5.4	3.1	2.3	1.7	0	1.7	.8	0	.8
34. Footwear & Other Leather Products	95.2	83.6	11.7	.7	.2	.5	1.1	1.0	.1	1.5	1.2	.2	1.1	.7	.4	.3	.1	.2
35. Glass & Glass Products	48.2	5.9	42.3	14.5	0	14.5	−.7	−.2	−.5	6.9	3.1	3.8	6.4	.2	6.2	4.7	0	4.7
36. Stone & Clay Products	20.0	2.8	17.2	59.6	0	59.6	(*)	.4	−.4	3.6	1.3	2.3	8.3	.1	8.2	17.5	(*)	17.5
37. Primary Iron & Steel Manufacturing	31.4	.1	31.3	39.6	0	39.6	−2.7	−.8	−1.9	10.1	2.8	7.3	12.5	.6	11.9	9.1	(*)	9.1
38. Primary Nonferrous Metal Manufacturing	28.2	.1	28.1	22.5	0	22.5	−1.6	−.1	−1.5	10.1	3.0	7.1	22.3	3.3	19.0	8.4	0	8.4
39. Metal Containers	84.5	0	84.5	3.8	.5	3.3	1.0	.6	.4	4.8	1.2	3.6	3.6	.8	2.8	2.8	0	2.8
40. Heating, Plumbing & Structural Metal Products	11.9	.9	11.0	60.0	8.8	51.2	−1.1	−.9	−.2	4.1	2.8	1.3	7.0	(*)	7.0	18.1	0	18.1
41. Stampings, Screw Machine Products & Bolts	47.1	6.7	40.4	28.4	0	28.4	−3.7	−1.8	−1.9	7.1	.8	6.3	18.2	2.5	15.7	4.9	.1	4.8
42. Other Fabricated Metal Products	43.7	5.8	38.9	30.6	2.5	28.1	−1.9	−.7	−1.2	8.6	3.8	4.8	11.9	1.7	10.2	8.1	.7	7.4
43. Engines & Turbines	21.1	5.7	15.4	40.1	20.1	20.0	−3.8	−2.7	−1.1	14.8	9.6	5.2	19.7	10.8	8.9	3.1	.1	3.0
44. Farm Machinery & Equipment	13.3	.3	13.0	73.8	65.1	7.9	−.9	−.9	(*)	10.0	7.3	2.7	2.9	.2	2.7	1.7	.7	1.0
45. Construction, Mining & Oil Field Machinery	8.3	0	8.3	57.5	42.3	15.0	−3.0	−2.4	−.6	26.9	23.0	3.9	6.1	2.6	3.5	3.9	.7	3.2
46. Materials Handling Machinery & Equipment	6.3	0	6.3	57.6	32.1	25.5	−2.6	−2.2	−.4	9.4	7.0	2.4	17.2	12.4	4.8	11.6	4.5	7.1
47. Metalworking Machinery & Equipment	18.0	.8	18.2	48.7	31.5	17.2	−4.4	−3.6	−1.8	14.0	9.0	5.0	20.6	4.7	15.9	2.6	.1	2.4
48. Special Industry Machinery & Equipment	13.0	.8	12.2	67.3	57.8	9.5	−4.3	−4.2	−.6	17.5	14.6	2.9	4.8	1.2	3.1	2.7	1.3	1.4
49. General Industrial Machinery & Equipment	14.4	0	14.4	56.0	28.0	28.0	−3.6	−2.2	−1.4	13.4	7.3	6.1	15.3	5.3	10.0	4.5	.1	4.4
50. Machine Shop Products	29.0	0	29.0	20.9	0	20.9	−1.8	−.7	−1.1	7.0	.9	6.1	39.0	2.8	36.4	5.8	2.3	3.7
51. Office, Computing & Accounting Machines	23.5	2.6	20.9	55.0	45.0	10.0	−.8	−.6	−.2	8.1	6.0	2.1	7.7	3.3	4.4	5.5	3.9	2.6
52. Service Industry Machines	24.9	11.0	13.9	57.6	42.4	15.2	−3.0	−1.6	−.4	7.7	6.0	1.7	7.1	2.9	4.2	4.7	.9	3.8
53. Electric Industrial Equipment & Apparatus	15.1	.3	15.8	56.1	31.3	24.8	−3.7	−2.6	−1.1	9.8	5.4	4.4	17.9	3.5	13.5	4.7	.1	4.6
54. Household Appliances	75.8	67.2	8.6	11.4	2.6	8.8	−2.0	−1.8	−.2	5.4	4.5	.9	7.0	.6	6.4	2.4	(*)	2.4
55. Electric Lighting & Wiring Equipment	33.7	13.6	20.1	36.5	1.1	35.4	−1.9	−1.8	−.8	5.5	2.8	2.7	14.5	.8	13.7	11.7	.4	11.3
56. Radio, Television & Communication Equipment	32.2	22.6	9.6	21.9	16.7	5.2	−1.5	−1.2	−.4	4.8	3.3	1.5	40.7	23.1	17.6	1.9	1.0	.9
57. Electronic Components & Accessories	35.7	5.6	30.1	13.3	1.5	17.8	−2.1	−1.8	−1.3	7.6	3.4	4.2	38.9	8.8	30.1	2.1	(*)	2.1
58. Misc. Electrical Machinery, Equipment & Supplies	58.4	36.7	65.7	20.3	5.4	14.9	−2.8	−1.6	−1.2	8.9	4.6	4.3	16.1	5.8	9.3	5.1	2.1	3.0
59. Motor Vehicles & Equipment	64.7	39.2	25.5	24.4	15.2	9.2	−3.1	−2.3	−1.0	6.4	3.9	2.5	4.6	1.3	3.3	3.2	1.9	1.3
60. Aircraft & Parts	3.9	.2	3.7	5.5	2.8	2.7	−2.5	−2.1	−.4	6.1	4.4	1.7	66.7	51.8	35.7	.8	(*)	.8
61. Other Transportation Equipment	30.6	19.2	11.4	38.4	31.2	7.2	−2.4	−2.0	−.3	10.1	7.9	2.2	21.9	17.3	3.6	2.3	1.0	1.3
62. Scientific & Controlling Instruments	31.2	9.7	21.5	20.7	14.7	12.0	−.7	−.1	−.6	7.3	4.1	2.2	30.2	15.2	15.0	3.3	2.4	2.9
63. Optical, Ophthalmic & Photographic Equipment	59.1	28.9	30.2	15.2	10.1	5.1	.2	.3	−.1	7.4	3.6	1.8	35.4	8.4	7.0	3.7	.9	1.8
64. Miscellaneous Manufacturing	75.1	45.7	29.4	11.0	5.0	6.0	.5	.6	−.1	3.6	2.1	1.5	4.0	.6	3.4	5.8	3.2	2.6
65. Transportation & Warehousing	61.9	26.4	35.5	13.7	1.5	12.2	.3	.4	−.1	9.9	6.7	3.2	8.9	4.2	4.7	5.3	1.2	4.1
66. Communications, Except Radio & T.V. Broadcasting	78.6	42.1	36.5	21.0	8.9	7.1	−.1	0	−.1	2.6	.7	2.1	5.3	1.8	3.5	4.4	2.0	2.4
67. Radio & T.V. Broadcasting	55.8	0	45.8	10.4	0	10.4	−.1	0	−.1	4.6	.6	4.0	7.1	0	7.1	7.2	0	7.2
68. Electric, Gas, Water & Sanitary Services	79.4	38.7	39.7	7.4	0	7.4	−.2	0	−.2	2.6	.2	2.4	5.6	1.7	3.9	5.3	2.4	2.9
69. Wholesale & Retail Trade	80.6	64.6	16.0	11.1	3.9	7.2	(*)	.1	−.1	2.7	1.5	1.2	3.0	.7	2.3	2.6	.2	2.4
70. Finance & Insurance	86.7	44.6	42.1	6.1	0	6.1	(*)	0	(*)	1.9	.1	1.8	2.5	(*)	2.5	3.8	.7	3.1
71. Real Estate & Rental	89.6	66.5	23.1	5.2	2.0	3.2	(*)	0	(*)	1.8	.4	1.4	1.9	.2	1.7	1.5	.4	1.1
72. Hotels; Personal & Repair Services Exp. Auto	92.1	77.7	14.4	2.5	0	2.5	−.1	0	−.1	.7	0	.7	3.8	2.0	1.3	1.5	.7	.8
73. Business Services	55.9	7.7	48.2	15.6	0	15.6	−.1	0	−.1	4.1	.7	3.4	7.2	2.3	4.9	7.3	2.3	5.0
74. Research & Development	1.8	0	1.8	.5	0	.5	(*)	0	(*)	.3	0	.2	97.4	97.0	.4	.1	0	.1
75. Automobile Repair & Services	83.9	55.4	28.5	6.8	0	6.8	.1	0	.1	1.9	0	1.9	3.9	1.6	2.3	3.4	1.0	2.4
76. Amusements	89.2	58.0	31.2	2.2	0	2.2	.5	.4	.1	6.7	4.6	2.1	1.6	.3	1.3	−.2	−.8	.6
77. Medical, Educational Services & Non-Profit Organizations	94.3	90.1	4.2	.7	0	.7	(*)	0	(*)	.2	(*)	.2	3.2	.5	2.7	1.6	1.4	.2
78. Federal Government Enterprises	76.0	13.4	62.6	9.2	0	9.2	−.2	0	−.2	4.3	1.5	2.8	5.7	1.4	4.3	5.0	1.6	3.4
79. State & Local Government Enterprises	76.4	6.5	69.9	8.3	0	8.3	−.1	0	−.1	3.3	.1	3.4	7.5	2.4	5.1	4.4	.1	4.3
80. Gross Imports of Goods & Services	62.3	18.9	43.6	10.4	.1	10.3	−.3	(*)	−.3	5.4	1.0	4.4	18.7	13.3	5.4	3.8	(*)	3.3
81. Business Travel, Entertainment & Gifts	65.5	0	65.5	16.5	0	16.5	−.5	0	−.5	4.4	0	4.4	9.0	0	9.0	4.8	0	4.8
82. Office Supplies	61.3	0	61.3	10.9	0	10.9	−.3	0	−.3	3.2	0	3.2	11.2	5.5	5.7	13.8	9.7	3.9

*Less than ±.05 percent. Source: U.S. Department of Commerce, OBE.

This chain of repeated calculations of output requirements which spread through the economy can be traced, and the total amount of output required from each industry to produce $1 million of household furniture for consumers can thus be derived. This is a very laborious and time-consuming procedure unless performed on an electronic computer. However, there is an alternative, table 3, for which the relationships in table 2 have been completely traced and summarized.

Total requirements table (table 3). Each column of table 3 shows the amount of output required both directly and indirectly from the industry named at the beginning of each row for each dollar of deliveries to final demand by the industry named at the head of the column.[7] Table 3 is set up to measure the toal requirements (direct and indirect) per dollar of delivery to final demand. This table permits calculating the impact on the various industries of the economy which result from stipulated changes in the final demand.

Returning to the example of the household furniture described above, we see that instead of the laborious tracing of the impacts from industry to industry, it is possible to calculate the impacts quite simply. Thus, the column for industry 22 shows that to provide final demand with an additional $1 million of household furniture, $1,016,000 ($1,000,000 × 1.01602) is required in total from industry 22, almost $99,000 ($1,000,000 × .09888) from industry 16, almost $183,000 ($1,000,000 × .18274) from industry 20, etc.

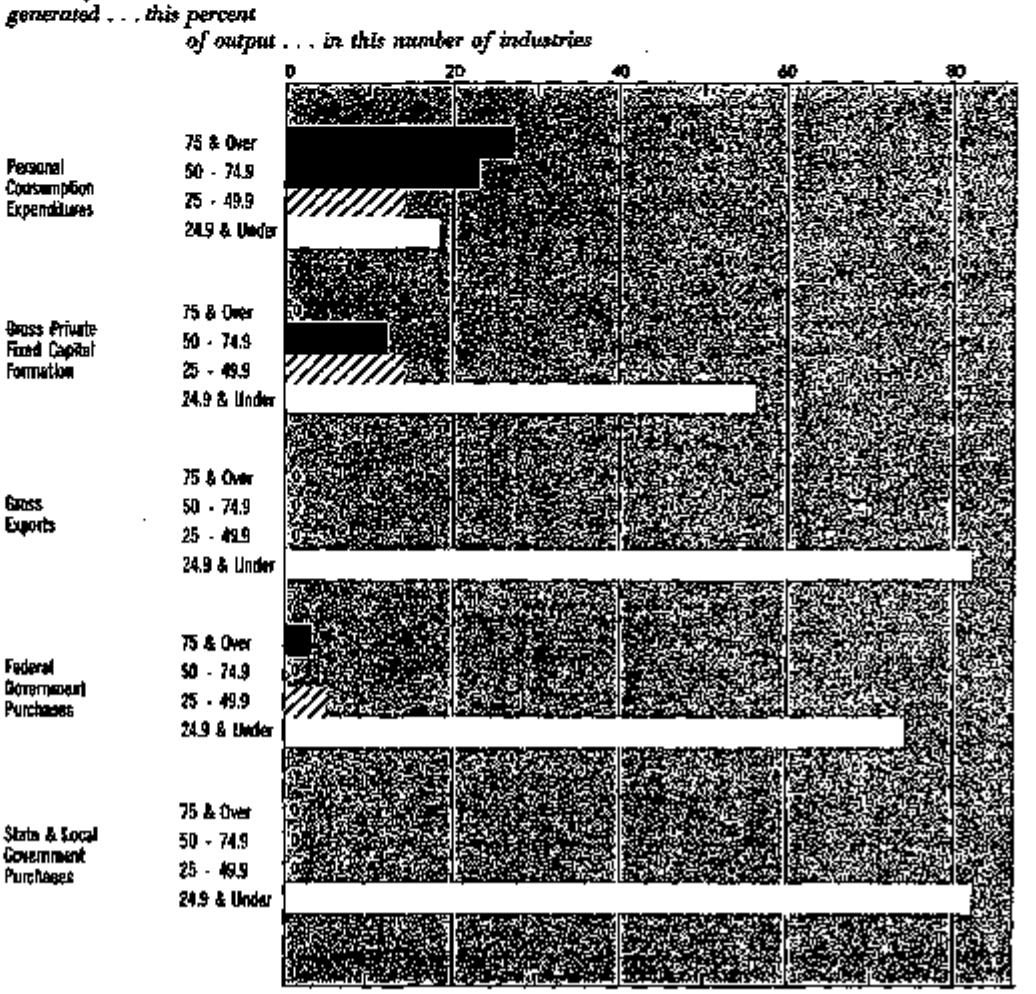
As a further illustration of the link provided by input-output between final demand and the output of each industry, a series of calculations were performed using table 3. The results of these calculations appear in table B, which shows the percentage of output of each industry which was attributable, directly or indirectly, to each category of final demand in 1958.

A number of interesting observations emerge from this table. For example, it is seen that while only 8 percent of the output of the paper industry (24) was sold to persons, 68 percent of its output was attributable to total consumption by persons. The table also shows that almost 13 percent of the paper industry's output was indirectly associated with fixed investment (including residential construction) by all industries. Reading further, we find the 10 percent of chemical mining (10) which was exported directly was augmented by an additonal 11 percent of output which was attributable to the exports of other commodities.

The information in table B showing the percentage of total output of each industry attributable to each final demand category, has been summarized in the chart below. As would be expected, most industries are heavily dependent on consumer expenditures. Of the 82 industries included in this chart, 50 attribute half or more of their output to consumer purchases. Another 12 attribute more than half of their output to fixed investment and only 3 attribute more than half to Federal Government. The remaining eighteen industries depend on more than one final demand category for the bulk of their output. The maximum share of the output of any industry attributable to State and local governments was under 25 percent.

While table 3 is more convenient for calculating total requirements, table 2 will sometimes be preferred, because it

Extent to Which Each Category of Final Demand Generated Output of Industries, 1958



7. The mathematical procedures for converting direct requirements to total requirements are described in *Interindustry Economics* by Chenery and Clark, *Input-Output in National Accounts* by Richard Stone, and other similar texts. The total requirements shown in table 3 were calculated using a program for electronic computers developed at the Harvard Economic Research Project.

permits flexibility in the computation and it permits modifying the relationships which are used. Moreover, table 2 can be used in conjunction with table 3 to split the total requirements into their direct and indirect components.

Supplementary data requirements

To use table 3 (or table 2) for questions involving the impact of changes in level and composition of GNP on each of the industries, the first step is to formulate a bill of goods. A bill of goods is nothing more than a set of final demands expressed in the classification [8] and other terms of the table. That is, the specifications must agree in classification and coverage with the table; they must be expressed in 1958 prices; and they must represent producers' prices. The amount of trade margin on all items of the bills of goods is separately specified as a requirement from the trade industry. Similarly the amount of transportation cost involved in delivery to final markets of all items in the bills of goods is separately entered as a requirement from the transportation industry.

Some of the supplementary data useful in preparing bills of goods are presented in this article. Table A (see page 11) shows the industrial composition of each category of final demand in 1958. These percentages may be used to distribute projections of each of the categories of final demand which are made in the aggregate only. Further, table C classifies each industry's sales to consumers by the twelve major categories of personal consumption expenditures and shows the percent which that industry's sales is of the total for the category.[9] These percentages may be used to translate estimates of consumer expenditures at the twelve category level to the classification of the input-output table.

In addition to the auxiliary data provided in this article, one may require other information such as detailed factors for converting purchasers' prices to producers' prices and price deflators. The OBE will include detailed producer-purchaser price factors in a future publication. With respect to price deflators, the most comprehensive source is the price information included in the Consumer Price Indexes and the Wholesale Price Indexes of the U.S. Department of Labor. In addition, selected price deflators which are consistent with the personal consumption expenditure time series will have been developed as part of the benchmark revisions, and these will be made available to the extent possible.

8. The industry classification scheme utilized in the 1958 study is shown in page 17 of this article.

Table C.—Industrial Composition of Personal Consumption Expenditures, 1958 by Major P.C.E. Category

Producing Industry Number	Percent [1]
P.C.E. I Food and Tobacco	
	100.00
1	2.48
2	2.67
3	.32
10	(*)
14	55.54
15	5.26
27	.02
65	3.40
69	29.47
80	1.04
P.C.E. II Clothing, Accessories and Jewelry	
	100.00
16	1.15
17	.05
18	37.34
19	.15
24	.11
32	.79
34	9.50
52	.50
64	2.64
65	1.40
69	35.25
70	.81
73	11.17
77	.10
80	.78
83	−.09
P.C.E. III Personal Care	
	100.00
19	.03
20	25.28
22	.06
42	1.53
54	1.22
64	1.55
66	1.13
69	24.85
72	43.75
80	.20
P.C.E. IV Housing	
	100.00
71	96.58
72	3.22
77	.20
P.C.E. V Household operation	
	100.00
7	.62
9	.08
16	.87
17	1.70
18	.02
19	2.31
20	.36
22	5.72
23	.81
24	1.84
25	.09
26	.74
27	.30
28	.02
29	2.64
30	.04
31	4.76
32	.44
34	.04
35	.31
36	.20
37	.04
38	.03
40	.17
41	.59
42	.64
44	.02
47	.07
49	.05
51	.14
52	.55
53	.03
54	6.57
55	.58
58	.12
61	.01
62	.17
63	.01
64	1.26
65	2.35
66	9.21
68	18.07
69	23.58
70	.32
72	1.73
73	.16
75	1.35
79	.16
80	.47
83	.05
86	8.29
P.C.E. VI Medical care and death expenses	
	100.00
2	.03
24	.05
27	(*)
29	8.10
32	.27
36	.27
51	.04
55	.02
60	.01
62	.73
63	.78
65	.46
69	10.74
70	6.34
71	1.26
72	5.69
77	64.32
P.C.E. VII Personal Business	
	100.00
66	.15
70	78.20
73	14.40
76	.06
77	6.38
78	.84
80	.28
P.C.E. VIII Transportation	
	100.00
19	.12
27	.15
29	.06
31	14.74
32	2.25
42	.03
52	.04
53	.04
60	.09
66	.46
69	26.52
71	2.11
65	10.43
69	27.13
70	4.61
75	12.31
79	.88
83	.03
P.C.E. IX Recreation	
	100.00
1	.44
2	2.13
3	.10
13	1.00
17	.06
19	.21
24	.03
26	13.47
27	.07
32	.23
34	.15
42	.09
43	.30
52	.01
55	.31
56	6.41
57	.04
58	.28
60	.17
61	2.06
62	2.07
64	7.24
65	1.70
69	24.54
70	.01
72	6.53
73	1.13
75	20.58
77	4.09
80	.26
83	−.11
P.C.E. X Private Education and Research	
	100.00
77	100.00
P.C.E. XI Religious and Welfare Activities	
	100.00
77	100.00
P.C.E. XII Foreign Travel and Remittances—Net	
	100.00
65	17.26
69	10.14
80 and 86	72.61

* Less than .005 percent. [1] The industrial distributions shown in this table are based on producers' prices.

NOTE.—Final purchases are shown net of sales. This can result in negative percents where sales exceed purchases.

SOURCE: U.S. Department of Commerce, OBE.

Concepts and Conventions of the 1958 Interindustry Tables [10]

Trade. The input-output tables do not trace actual flows to and from the trade industry. If trade were shown as buying and reselling, the detailed connections would be between trade and the producing industries while the consuming industries would purchase most of their inputs from a single source—trade. To show the links between producing and consuming industries or final markets, commodities are shown as if moving directly from producer to user, bypassing trade. Therefore, the output of trade is measured in terms of total margins; that is, operating expense plus profit.

Valuation of transactions. The valuation underlying the tables in this report is based on producers' prices.[11] Such prices exclude the distribution costs which make up the difference between producers' and purchasers' prices. Under a system of producers' valuations, the individual inputs into a consuming industry are valued at producers' prices while the trade margin and transportation costs associated with all of these inputs appear as aggregate inputs from the trade industry and transportation industry, respectively.

9. These tables relate the input-output classifications to the consumer expenditures as they will appear in the revised benchmark data. Since the estimates for the benchmark are not yet completed, the percentages are subject to revision.

10. This section of the report is discussed much more fully in an unpublished document which is available upon request to the OBE.

11. Producers' prices have been defined to include Federal and State and local excise taxes collected and paid by the producer.

Classification of industries. All productive activities of the U.S. economy have been grouped into 86 industries. Most of these are combinations of industries as defined in the Standard Industrial Classification (SIC) Manual, 1957 edition. Three are "dummy" industries established to simplify the estimating procedures. A list of the industrial categories and their composition in terms of the SIC, where relevant, are given on this page.

Secondary products or activities. In most cases, secondary products were treated as if sold by the producing industry to the primary industry and added to the output of the primary industry.[13]

In those industries in which secondary production was large and, at the same time, considerably different from the primary output, the secondary products, and their associated inputs, were subtracted from the producing industries and added to the primary industry.

Imports. Imports used for production (intermediate goods and services) which are substitutable for domestically produced goods and services[14] were treated in a parallel manner to secondary products; that is, they were shown as if purchased by the industry producing the substitutable item and added to that industry's output.

Imports used in production which have no domestic counterparts and imports purchased by final demand in substantially the same form in which they were imported were shown as purchased directly by the consuming industry or final market.

Gross output and gross input. Gross output of an industry represents the sum of the values of the following elements: (a) the total production by the industry, including both primary and secondary products or services; (b) the producers' value of the secondary products or services of other industries which are primary to the given industry; and (c) the domestic port value of imports which are distributed as part of the output of the given industry.

Gross input of an industry is equal to the sum of the values of the following elements: (a) total consumption of goods and services required for the industry's total production; (b) value added by the industry; (c) the producers' value of the secondary products or services of other industries which are primary to the given industry; and (d) the domestic port value of imports which are distributed as part of the output of the given industry.[14]

Gross output, the row total, equals gross input, the column total.

Inventories. The inventory change shown for each industry represents the change in inventories of the industry's products regardless of which industry actually owns or holds the inventories. (This is different from the customary industry inventory figures which represent inventories held by each industry.) Inventories are so classified in the input-output table in order to provide the balance between the output of each industry and the total consumption of its products. Current production includes products which end up in inventories and are therefore not reflected in consumption. On the other hand, consumption may come from inventories of the producer, of the consumer, or of trade companies as well as from current output. To the extent it comes from inventories, it is not included in current production. Therefore, adding inventory increases of products of the industry to, and subtracting depletions from, the consumption of that industry's products achieves the balance with gross output of the industry.

Industry Numbering for the 1958 Input-Output Study

Industry No. and Industry Title	Related SIC Codes (1957 Edition)
Agricultural, forestry & fisheries	
1 Livestock & livestock products	013, pt. 014, 0103, pt. 02, pt. 0729
2 Other agricultural products	011, 012, pt. 014, 0102, 0109, pt. 02
3 Forestry & fishery products	074, 081, 082, 084, 085, 091
4 Agricultural, forestry & fisheries services	071, 0723, pt 0729, 085, 096
Mining	
5 Iron & ferroalloy ores mining	1011, 106
6 Nonferrous metal ores mining	102, 103, 104, 105, 108, 109
7 Coal mining	11, 12
8 Crude petroleum & natural gas	1311, 1321
9 Stone & clay mining & quarrying	141, 142, 144, 145, 148, 149
10 Chemical & fertilizer mineral mining	147
Construction	
11 New construction	153, pt. 15, pt. 16, pt. 17, pt. 6561
12 Maintenance & repair construction	pt. 15, pt. 16, pt. 17
Manufacturing	
13 Ordnance & accessories	19
14 Food & kindred products	20
15 Tobacco manufactures	21
16 Broad & narrow fabrics, yarn & thread mills	221, 222, 223, 224, 226, 228
17 Miscellaneous textile goods & floor coverings	227, 229
18 Apparel	225, 23(exc. 239), 3992
19 Miscellaneous fabricated textile products	239
20 Lumber & wood products, except containers	24 (exc. 244)
21 Wooden containers	244
22 Household furniture	251
23 Other furniture & fixtures	25 (exc. 251)
24 Paper & allied products, except containers & boxes	26 (exc. 265)
25 Paperboard containers & boxes	265
26 Printing & publishing	27
27 Chemicals & selected chemical products	281 (exc. alumina pt. of 2819), 286, 287, 289
28 Plastics & synthetic materials	282
29 Drugs, cleaning, & toilet preparations	283, 284
30 Paints & allied products	285
31 Petroleum refining & related industries	29
32 Rubber & miscellaneous plastics products	30
33 Leather tanning & industrial leather products	311, 312
34 Footwear & other leather products	31 (exc. 311, 312)
35 Glass & glass products	321, 322, 323
36 Stone & clay products	324, 325, 326, 327, 328, 329
37 Primary iron & steel manufacturing	331, 332, 3391, 3399
38 Primary nonferrous metals manufacturing	2819 (alumina only); 333, 334, 335, 336, 3392
39 Metal containers	3411, 3491
40 Heating, plumbing & fabricated structural metal products	343, 344
41 Screw machine products, bolts, nuts, etc., & metal stampings	345, 346
42 Other fabricated metal products	342, 347, 348, 349 (exc. 3491)
43 Engines & turbines	351
44 Farm machinery & equipment	352
45 Construction, mining, oil field machinery & equipment	3531, 3532, 3533
46 Materials handling machinery & equipment	3534, 3535, 3536, 3537
47 Metalworking machinery & equipment	354
48 Special industry machinery & equipment	355
49 General industrial machinery & equipment	356
50 Machine shop products	359
51 Office, computing & accounting machines	357
52 Service industry machines	358
53 Electric transmission & distribution equipment, & electrical industrial apparatus	361, 362
54 Household appliances	363
55 Electric lighting & wiring equipment	364
56 Radio, television, & communication equipment	365, 366
57 Electronic components & accessories	367
58 Miscellaneous electrical machinery, equipment, & supplies	369
59 Motor vehicles & equipment	371
60 Aircraft & parts	372
61 Other transportation equipment	373, 374, 375, 379
62 Professional, scientific, & controlling instruments & supplies	381, 382, 384, 387
63 Optical, ophthalmic, & photographic equipment & supplies	383, 385, 386
64 Miscellaneous manufacturing	39 (exc. 3992)
Transportation, communication, electric, gas, & sanitary services	
65 Transportation & warehousing	40, 41, 42, 44, 45, 46, 47
66 Communications, except radio & television broadcasting	481, 482, 489
67 Radio & T.V. broadcasting	483
68 Electric, gas, water, & sanitary services	49
Wholesale & retail trade	
69 Wholesale & retail trade	50 (exc. manufacturers sales offices), 52, 53, 54, 55, 56, 57, 58, 59, pt. 7699
Finance insurance & real estate	
70 Finance & insurance	60, 61, 62, 63, 64, 66, 67
71 Real estate & rental	65 (exc. 6541 & pt. 6552)
Services	
72 Hotels & lodging places; personal & repair services, except automobile repair	70, 72, 76 (exc. 7694 & 7699)
73 Business services	6541, 73 (exc. 7361, 7391, & pt. 7699), 7694, 7699, 81, 89 (exc. 8921)
74 Research & development	
75 Automobile repair & services	75
76 Amusements	78, 79
77 Medical, educational services, & nonprofit organizations	0722, 7361, 80, 82, 84, 86, 8921
Government enterprises	
78 Federal Government enterprises	
79 State & local government enterprises	
Imports	
80 Gross imports of goods & services	
Dummy industries	
81 Business travel, entertainment, & gifts	
82 Office supplies	
83 Scrap, used & secondhand goods	
Special industries	
84 Government industry	
85 Rest of the world industry	
86 Household industry	

A more complete discussion of the 1958 input-output study, with special emphasis on the technical and conceptual aspects, is contained in an unpublished document available upon request from the Office of Business Economics.

12. The basic unit of classification in the SIC is the establishment. An establishment is classified in an industry based on its principal activity. However, once an establishment is classified in an industry, its entire output, subsidiary as well as principal, is counted as part of the output of the industry. Its principal output, that which determines its industry classification, is called primary output; its other (subsidiary) output is called secondary.

13. Substitutability was determined on a judgmental basis using the following guide: the import should be interchangeable with a domestically produced item without any changes in the technology of the consuming industry or the resultant product.

14. Secondary products and imports are added to both the inputs and outputs.

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Table 1.—Percent Distribution of Gross Output, 1958

(Producers' prices)

For the distribution of output of an industry read the row for that industry	Total	1 Livestock & livestock products	2 Other agricultural products	3 Forestry & fishery products	4 Agricultural, forestry & fishery services	5 Iron & ferroalloy ores mining	6 Nonferrous metal ores mining	7 Coal mining	8 Crude petroleum & natural gas	9 Stone & clay mining & quarrying	10 Chemical & fertilizer mineral mining	11 New construction	12 Maintenance & repair construction	13 Ordnance & accessories	14 Food & kindred products	15 Tobacco manufactures	16 Broad & narrow fabrics, yarn & thread mills
1. Livestock & Livestock Products	100.0	15.9	5.5	0	0.8	0	0	0	0	0	0	0	0	0	38.7	0	0.4
2. Other Agricultural Products	100.0	38.1	3.0	.1	(*)	0	0	0	0	0	0	1.0	0	0	20.1	4.6	8.0
3. Forestry & Fishery Products	100.0	0	0	1.1	0	0	0	0	0	0	0	0	0	0	14.0	0	0
4. Agricultural, Forestry & Fishery Services	100.0	31.5	55.2	1.1	.1	0	0	0	0	0	0	0	0	0	0	0	0
5. Iron & Ferroalloy Ores Mining	100.0	0	0	0	0	5.1	(*)	0	0	0	0	0	0	0	0	0	0
6. Nonferrous Metal Ores Mining	100.0	0	0	0	0	1.6	17.5	0	0	0	0	0	0	0	0	0	0
7. Coal Mining	100.0	.2	(*)	0	0	.2	(*)	17.1	(*)	.1	(*)	(*)	0	0	1.5	(*)	.5
8. Crude Petroleum & Natural Gas	100.0	0	0	0	0	0	0	0	2.2	0	0	(*)	0	0	0	0	0
9. Stone & Clay Mining & Quarrying	100.0	(*)	4.1	0	(*)	0	0	.1	0	.7	.6	38.5	6.1	0	.2	0	0
10. Chemical & Fertilizer Mineral Mining	100.0	0	5.0	(*)	0	0	0	(*)	0	0	5.9	0	0	0	1.5	0	.1
11. New Construction	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Maintenance & Repair Construction	100.0	1.4	2.2	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	1.4	(*)	(*)
13. Ordnance & Accessories	100.0	0	0	0	0	0	0	0	0	0	0	.1	0	1.8	0	0	0
14. Food & Kindred Products	100.0	4.5	(*)	(*)	0	0	0	0	0	0	(*)	(*)	0	0	16.2	.1	(*)
15. Tobacco Manufactures	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.1	0
16. Broad & Narrow Fabrics, Yarn & Thread Mills	100.0	0	.1	0	0	(*)	(*)	(*)	0	0	(*)	0	0	0	(*)	(*)	33.9
17. Miscellaneous Textile Goods & Floor Coverings	100.0	.2	1.1	.4	.5	0	0	0	.1	(*)	0	.1	(*)	(*)	(*)	(*)	8.0
18. Apparel	100.0	0	0	0	0	0	0	0	0	0	0	0	0	(*)	.2	0	0
19. Miscellaneous Fabricated Textile Products	100.0	.4	1.5	0	0	0	0	0	0	0	0	(*)	(*)	0	4.4	0	.3
20. Lumber & Wood Products, Except Containers	100.0	(*)	(*)	0	0	.1	(*)	.2	.1	(*)	(*)	38.9	5.0	(*)	(*)	(*)	(*)
21. Wooden Containers	100.0	0	21.2	0	(*)	0	0	0	0	0	0	0	0	1.0	21.8	2.1	0
22. Household Furniture	100.0	0	0	0	0	0	0	0	0	0	0	8.0	0	0	0	0	0
23. Other Furniture & Fixtures	100.0	0	0	0	0	0	0	0	0	0	0	12.7	1.1	0	0	0	0
24. Paper & Allied Products, Except Containers	100.0	0	0	.1	(*)	(*)	(*)	.1	(*)	.1	(*)	3.1	.6	.1	3.5	.7	.2
25. Paperboard Containers & Boxes	100.0	.4	.1	.3	.2	0	0	(*)	(*)	.1	(*)	0	0	.4	24.2	1.9	2.3
26. Printing & Publishing	100.0	(*)	.1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	.1	(*)	.1	1.0	.1	.1
27. Chemicals & Selected Chemical Products	100.0	.3	9.4	(*)	(*)	.1	.3	.4	.4	.1	(*)	3.0	.6	.1	1.6	(*)	1.4
28. Plastics & Synthetic Materials	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	.3	2.5	21.5
29. Drugs, Cleaning, & Toilet Preparations	100.0	.4	0	0	(*)	(*)	(*)	0	(*)	(*)	(*)	0	0	(*)	2.4	.1	.4
30. Paints & Allied Products	100.0	0	0	.1	0	(*)	(*)	(*)	.3	0	0	10.5	46.9	.1	.2	(*)	.2
31. Petroleum Refining & Related Industries	100.0	.3	6.0	.1	(*)	.1	(*)	.1	.5	.2	(*)	5.5	2.1	.1	1.8	(*)	.1
32. Rubber & Miscellaneous Plastics Products	100.0	.3	2.3	.1	(*)	(*)	.1	.3	.5	.4	(*)	4.5	1.0	1.6	2.1	.1	.5
33. Leather Tanning & Industrial Leather Products	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(*)	.3
34. Footwear & Other Leather Products	100.0	(*)	.1	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
35. Glass & Glass Products	100.0	.2	0	0	0	0	0	0	(*)	0	0	3.9	3.7	.2	37.5	0	1.1
36. Stone & Clay Products	100.0	(*)	.3	0	0	(*)	.1	.3	.1	(*)	(*)	53.7	7.2	.2	(*)	(*)	(*)
37. Primary Iron & Steel Manufacturing	100.0	0	0	0	0	.1	.3	.1	(*)	.1	.1	11.5	1.4	.3	(*)	0	(*)
38. Primary Nonferrous Metals Manufacturing	100.0	(*)	(*)	0	0	(*)	.1	.3	.1	(*)	(*)	3.6	2.8	2.2	.4	.1	(*)
39. Metal Containers	100.0	.2	.7	0	0	0	0	0	0	0	0	0	0	0	72.8	.4	0
40. Heating, Plumbing & Structural Metal Products	100.0	0	0	0	0	(*)	(*)	(*)	.1	(*)	(*)	64.5	10.9	0	0	0	0
41. Stampings, Screw Machine Products & Bolts	100.0	.6	0	0	0	(*)	(*)	.6	.2	(*)	(*)	2.4	.6	.6	4.7	(*)	(*)
42. Other Fabricated Metal Products	100.0	.4	.6	(*)	.1	(*)	(*)	.2	.8	(*)	(*)	12.3	.6	.7	1.3	.1	.1
43. Engines & Turbines	100.0	0	0	(*)	0	(*)	(*)	0	.7	(*)	(*)	.1	(*)	.2	0	0	0
44. Farm Machinery & Equipment	100.0	.2	7.6	0	0	0	0	0	0	(*)	0	.1	0	0	0	0	0
45. Construction, Mining, & Oil Field Machinery	100.0	0	0	0	0	.3	.0	3.2	1.3	3.5	.5	4.5	.7	0	0	0	0
46. Materials Handling Machinery & Equipment	100.0	0	0	0	0	(*)	(*)	1.0	0	2.1	.3	22.9	.3	0	0	0	0
47. Metalworking Machinery & Equipment	100.0	0	0	0	0	(*)	(*)	.3	(*)	(*)	(*)	(*)	(*)	1.4	.4	(*)	.1
48. Special Industry Machinery & Equipment	100.0	0	0	0	0	0	(*)	0	.4	0	0	0	0	0	0	0	2.5
49. General Industrial Machinery & Equipment	100.0	0	0	0	0	(*)	.2	.1	2.1	.1	(*)	7.3	.6	.7	(*)	(*)	(*)
50. Machine Shop Products	100.0	.1	.2	0	0	(*)	(*)	(*)	(*)	(*)	(*)	.2	(*)	23.2	.1	(*)	(*)
51. Office, Computing & Accounting Machines	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52. Service Industry Machines	100.0	0	0	0	0	0	0	0	0	0	0	2.7	1.0	0	0	0	0
53. Electric Industrial Equipment & Apparatus	100.0	0	0	0	0	(*)	.1	.1	.6	.1	.1	5.2	1.5	1.8	.2	(*)	(*)
54. Household Appliances	100.0	0	0	0	0	0	0	0	0	0	0	5.7	1.7	0	0	0	0
55. Electric Lighting & Wiring Equipment	100.0	(*)	(*)	(*)	0	(*)	(*)	.2	(*)	(*)	(*)	34.6	5.4	2.3	1.0	(*)	.1
56. Radio, Television & Communication Equipment	100.0	0	0	0	0	(*)	0	0	0	0	0	.6	.4	2.4	0	0	0
57. Electronic Components & Accessories	100.0	0	0	0	0	0	0	0	.4	0	0	.1	(*)	.1	0	0	0
58. Misc. Electrical Machinery, Equipment & Supplies	100.0	.5	1.4	0	0	(*)	(*)	.1	(*)	(*)	(*)	.9	.3	(*)	.2	(*)	(*)
59. Motor Vehicles & Equipment	100.0	.1	.1	0	0	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	0	0	0	0
60. Aircraft & Parts	100.0	0	0	0	0	(*)	0	0	0	0	0	0	0	4.5	0	0	0
61. Other Transportation Equipment	100.0	0	.1	.5	0	.1	0	.3	0	(*)	(*)	.1	0	0	0	0	0
62. Scientific & Controlling Instruments	100.0	0	0	0	0	(*)	(*)	(*)	(*)	(*)	(*)	5.3	.4	2.4	(*)	0	(*)
63. Optical, Ophthalmic & Photographic Equipment	100.0	(*)	0	0	0	(*)	(*)	0	(*)	(*)	(*)	(*)	(*)	(*)	0	0	0
64. Miscellaneous Manufacturing	100.0	(*)	(*)	(*)	(*)	(*)	(*)	.1	(*)	(*)	(*)	1.5	.9	.1	.5	.1	.3
65. Transportation & Warehousing	100.0	1.5	.3	(*)	(*)	.1	(*)	.1	.2	(*)	(*)	5.3	.9	.1	7.5	.2	.7
66. Communications; Except Radio & T.V. Broadcasting	100.0	.4	.3	(*)	.1	(*)	(*)	(*)	(*)	(*)	(*)	1.3	.2	.2	1.7	(*)	.2
67. Radio & T.V. Broadcasting	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68. Electric, Gas, Water & Sanitary Services	100.0	.5	.5	(*)	.1	.1	.1	.3	.4	.2	.1	.7	.1	.1	1.8	(*)	.5
69. Wholesale & Retail Trade	100.0	1.0	1.0	(*)	(*)	(*)	(*)	.1	.1	.1	(*)	4.2	1.4	.1	2.4	.1	.3
70. Finance & Insurance	100.0	.7	1.1	.1	(*)	(*)	.1	.2	.4	.1	(*)	1.4	.2	.1	1.3	(*)	.2
71. Real Estate & Rental	100.0	.5	2.9	.1	(*)	.1	.1	.1	2.3	.2	(*)	.3	.1	(*)	.5	(*)	.1
72. Hotels; Personal & Repair Services Exc. Auto	100.0	0	0	0	(*)	(*)	(*)	(*)	(*)	(*)	(*)	0	0	(*)	.2	(*)	.1
73. Business Services	100.0	.2	3.2	.4	(*)	(*)	(*)	.1	1.4	.1	(*)	10.5	.2	.2	6.6	1.1	.4
74. Research & Development	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	.1	0	(*)
75. Automobile Repair & Services	100.0	.8	.6	0	0	0	0	(*)	.2	(*)	0	3.1	.3	0	3.6	(*)	.1
76. Amusements	100.0	0	0	0	0	(*)	(*)	(*)	(*)	(*)	(*)	0	0	(*)	(*)	(*)	(*)
77. Medical, Educational Services, & Non-Profit Organizations	100.0	.6	.1	0	0	(*)	(*)	(*)	(*)	(*)	(*)	.5	(*)	(*)	.3	(*)	.1
78. Federal Government Enterprises	100.0	.1	.1	(*)	(*)	(*)	(*)	.1	0	(*)	(*)	0	0	.1	.7	.3	.2
79. State & Local Government Enterprises	100.0	(*)	(*)	(*)	(*)	(*)	(*)	.1	(*)	(*)	(*)	.2	(*)	(*)	.6	(*)	.1
80A. Directly Allocated Imports [1]	100.0	.1	2.4	0	(*)	0	0	0	0	0	0	0	0	0	14.7	(*)	.8
80B. Transferred Imports [1]	100.0	1.8	2.7	2.2	0	3.3	2.2	(*)	3.6	.9	.5	0	0	.1	19.4	.2	1.6
81. Business Travel, Entertainment, & Gifts	100.0	.3	.4	(*)	(*)	.1	.1	.2	1.5	.1	.1	2.4	.6	1.4	5.2	.2	.6
82. Office Supplies	100.0	.1	.2	(*)	(*)	(*)	(*)	(*)	.2	(*)	(*)	1.0	.2	.4	2.0	.1	.4
83. Scrap, Used & Secondhand Goods	100.0	0	0	0	0	(*)	(*)	.4	7.6	.2	.1	5.2	.0	(*)	0	0	0
84. Government Industry	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85. Rest of the World Industry	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86. Household Industry	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 1.—Percent Distribution of Gross Output, 1958—Continued

(Producers' prices)

Miscellaneous textile goods & floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber & wood products, except containers	Wooden containers	Household furniture	Other furniture & fixtures	Paper & allied products, except containers	Paperboard containers & boxes	Printing & publishing	Chemicals & selected chemical products	Plastics & synthetic materials	Drugs, cleaning & toilet preparations	Paints & allied products	Petroleum refining & related industries	Rubber & miscellaneous plastics products	Leather tanning & industrial leather products	Footwear & other leather products	Glass & glass products	Stone & clay products	Primary iron & steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Heating, plumbing & structural metal products	Stampings, screw machine products & bolts	Other fabricated metal products	Engines & turbines	Farm machinery & equipment	Construction, mining & oil field machinery	Industry number
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	1
.1	(3)	0	0	0	0	0	0	0	0	.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
0	3.7	.1	54.2	0	0	0	0	0	0	1.0	0	0	0	0	0	.1	0	0	0	0	0	0	0	0	0	0	0	0	3
0	0	0	.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	0	4
0	0	0	0	0	0	0	0	0	0	3.8	0	0	0	.2	0	0	0	0	.7	54.0	1.6	0	0	0	0	0	0	0	5
0	0	0	0	0	0	0	0	0	0	4.3	0	0	0	0	0	0	0	0	.3	.5	18.5	0	0	0	.1	0	0	0	6
.1	(3)	0	.1	0	.1	0	2.7	0	0	2.2	.8	.1	0	0	.4	.1	0	.1	2.3	18.4	.4	0	.1	0	(3)	.1	.1	.1	7
0	0	0	0	0	0	0	0	0	0	.2	(3)	0	0	32.5	0	0	0	.1	0	0	0	0	0	0	0	0	0	0	8
0	0	0	0	0	0	0	2.2	0	0	1.2	(3)	(3)	.1	3.0	.4	0	0	1.6	27.0	3.4	.3	0	.1	0	.1	0	0	(3)	9
.1	0	0	(3)	0	0	0	2.8	0	0	38.7	.1	(3)	0	.2	1.3	.2	0	.1	1.8	1.3	.3	0	0	0	(3)	0	0	(3)	10
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
(3)	(3)	(3)	.1	(3)	(3)	(3)	.2	.1	.3	(3)	.2	(3)	(3)	.2	0	(3)	0	(3)	(3)	.2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	12
(3)	(3)	(3)	(3)	(3)	(3)	(3)	.1	(3)	(3)	(3)	(3)	.2	.1	(3)	(3)	.2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	13
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	14
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	15
3.3	35.7	5.3	0	0	1.7	(3)	.5	0	0	(3)	(3)	(3)	(3)	1.3	0	.7	0	(3)	.1	0	.1	0	(3)	(3)	.1	(3)	(3)	(3)	16
8.4	2.1	8.2	.1	0	1.5	.9	.4	(3)	.7	(3)	(3)	(3)	(3)	17.2	1.7	(3)	0	.1	0	.1	.2	0	(3)	(3)	.2	(3)	(3)	(3)	17
(3)	17.2	(3)	.1	0	.1	(3)	0	0	0	1.2	(3)	(3)	(3)	.1	0	.1	0	(3)	.1	.1	.1	0	.1	(3)	(3)	(3)	(3)	(3)	18
(3)	2.3	8.2	0	0	.1	1.0	0	0	(3)	.3	(3)	(3)	(3)	0	(3)	0	(3)	.3	.1	.1	.1	0	(3)	(3)	(3)	(3)	(3)	(3)	19
0	0	0	0	3.6	.1	0	1.2	0	0	.7	.2	0	0	0	0	.4	.3	2.6	2.4	.7	0	.2	1.7	.4	.5	0	.1	0	20
0	0	0	0	0	1.5	.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
0	0	0	0	0	0	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
.1	.1	.1	.5	(3)	.1	(3)	18.9	14.7	20.0	.9	1.8	.5	.1	.5	.2	(3)	.2	(3)	1.6	.5	.3	.1	.1	.2	.1	(3)	(3)	(3)	23
.4	2.4	.6	1.6	(3)	1.6	.8	6.3	3.1	1.2	1.9	.6	4.5	.5	.9	1.2	(3)	1.0	4.5	2.0	.4	.2	.8	.9	.9	.9	.3	.1	.1	24
.1	.1	.1	.3	(3)	(3)	(3)	.3	.1	12.6	.2	(3)	(3)	(3)	(3)	.1	(3)	.1	(3)	.1	.2	.1	.1	(3)	(3)	(3)	(3)	(3)	(3)	25
.1	.3	.5	.5	(3)	(3)	(3)	2.8	.1	1.5	19.4	2.4	.1	3.3	.3	2.5	.5	(3)	.7	1.2	1.4	.7	0	.2	.1	.5	(3)	(3)	(3)	26
.1	.4	1.3	1.3	(3)	(3)	(3)	3.2	.2	0	.7	2.7	(3)	5.3	0	2.2	0	(3)	0	2.0	.1	2.0	(3)	(3)	.3	.3	(3)	(3)	(3)	27
(3)	.1	2.0	(3)	(3)	(3)	(3)	.3	.1	0	.2	.5	.2	.2	.6	.1	.2	(3)	(3)	.7	.5	.1	.1	(3)	(3)	(3)	(3)	(3)	(3)	28
(3)	.3	.1	.4	(3)	3.6	1.3	.1	0	0	.5	.4	.3	.6	(3)	.1	(3)	(3)	(3)	.2	.3	.4	1.0	1.1	1.0	.6	.1	.5	.2	29
.1	.2	1.0	.8	(3)	1.8	.2	1.9	.2	.2	.9	.2	.9	.1	.1	2.0	.1	2.5	.1	.6	.9	.2	.4	.2	.1	.2	.1	.1	.1	30
(3)	.1	(3)	(3)	(3)	.4	.2	0	(3)	(3)	0	(3)	0	0	0	0	13.8	78.5	0	0	0	0	.1	.1	.2	.6	.2	1.2	.7	31
.1	(3)	(3)	(3)	0	2.1	2.5	(3)	0	0	.8	.1	6.9	0	.1	1.9	0	3.2	4.8	(3)	.1	(3)	1.4	.3	.1	.1	(3)	.3	(3)	32
(3)	(3)	(3)	.4	0	.1	(3)	.1	(3)	(3)	.4	(3)	.2	.1	.3	.2	.1	.1	.8	12.0	3.9	.8	.1	.6	.4	.6	.2	.2	.2	33
(3)	(3)	(3)	.1	.1	.4	.7	.1	(3)	(3)	.5	(3)	(3)	.1	(3)	.1	(3)	(3)	(3)	.2	20.9	.1	4.7	2.4	2.4	4.2	1.3	1.9	2.4	34
(3)	(3)	(3)	(3)	0	.8	.3	.1	0	.2	1.0	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.1	2.7	28.6	.2	6.4	2.3	3.6	.7	.2	.2	35
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	4.0	.2	(3)	4.2	5.2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.2	(3)	(3)	(3)	(3)	(3)	(3)	36
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1.9	(3)	(3)	(3)	(3)	.4	37
(3)	0	.3	.2	(3)	.3	.1	.4	.1	.1	.1	.1	.8	(3)	(3)	.2	(3)	(3)	.2	.3	3.1	2.3	.5	3.2	2.7	2.4	1.1	1.9	.8	38
(3)	.3	(3)	1.9	(3)	2.9	.8	1.5	.1	.6	.1	.8	(3)	(3)	2.9	1.1	(3)	.4	.1	1.3	4.6	1.4	.1	3.1	.9	3.8	.1	.2	.4	39
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.2	(3)	8.1	5.4	3.5	40
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	3.6	.1	41
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.1	5.6	42
(3)	(3)	(3)	.5	(3)	.1	.1	.2	.1	(3)	.5	(3)	(3)	(3)	.1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.2	(3)	(3)	43
.1	(3)	.6	4.5	.2	.1	.1	1.1	.5	.4	4.5	.2	(3)	(3)	(3)	.1	(3)	(3)	.1	.1	1.1	1.8	.7	1.0	.7	4.2	1.0	1.1	1.2	44
(3)	(3)	.2	.1	.2	(3)	.1	.1	.1	.1	.1	.1	(3)	(3)	(3)	.1	(3)	(3)	.1	(3)	.6	0	(3)	1.7	(3)	(3)	0	0	0	45
(3)	(3)	.2	(3)	(3)	(3)	(3)	.2	.1	.2	.1	.1	(3)	(3)	(3)	.1	(3)	(3)	.1	.1	1.2	.7	.4	1.7	.7	.3	1.2	2.7	4.1	46
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.1	(3)	(3)	.1	.1	3.8	2.0	.6	1.6	.7	.7	4.1	2.2	.3	47
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49
(3)	0	(3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
(3)	(3)	(3)	(3)	(3)	(3)	(3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
(3)	(3)	(3)	(3)	(3)	(3)	(3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
(3)	(3)	(3)	(3)	(3)	(3)	(3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	54
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	55
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	56
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	57
(3)	(3)	(3)	.1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2.4	1.2	(3)	58
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.1	(3)	59
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	60
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	61
.3	4.6	.5	.1	(3)	(3)	(3)	.1	.4	3.1	(3)	(3)	(3)	(3)	(3)	.1	(3)	(3)	.1	.1	.2	.1	.2	1.8	(3)	.1	(3)	.1	(3)	62
.1	.8	.1	1.1	(3)	.2	.1	1.1	.4	.5	1.1	.4	.4	.2	2.5	.4	.1	.1	.2	1.3	2.9	.5	.2	.4	.2	.3	.1	.1	.1	63
.1	.5	.1	.2	(3)	.2	.1	.8	.1	1.7	.6	.1	.2	.1	.3	.2	.1	.1	.1	.3	.7	.3	.3	.1	.1	.2	.1	.1	.1	64
.1	.2	.3	.3	.1	.1	.1	.9	.1	.8	1.4	.2	.1	.3	1.3	.2	(3)	.1	.4	1.0	2.2	1.1	.1	.2	.3	.2	(3)	.1	.1	65
.1	.5	.1	.4	(3)	.2	.1	.4	.1	.3	.4	.1	.2	.1	.2	.2	(3)	.1	.1	.2	.7	.3	.1	.2	.1	.2	(3)	.1	.1	66
.1	.4	.2	.1	.1	.2	.1	.2	.1	.6	.4	.1	.2	.1	.4	.1	(3)	.1	.1	.3	.5	.2	(3)	.2	.1	.2	(3)	.1	.1	67
.1	.8	.1	.1	.1	.1	.1	.1	.1	.7	.3	.3	(3)	.1	.2	.1	(3)	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	68
.1	.8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	(3)	.1	.1	.1	(3)	.1	.1	.1	.2	.1	(3)	.1	.1	.1	(3)	(3)	(3)	69
.1	.6	.1	.3	.2	.1	.1	.6	.1	2.3	.6	.3	(3)	.1	1.4	.7	.1	.4	.1	.4	.7	.3	.1	.4	.1	.4	.1	.3	.2	70
(3)	0	(3)	.8	.1	(3)	(3)	.1	(3)	.2	.3	.3	(3)	(3)	.1	.1	(3)	.1	(3)	.3	.1	.1	(3)	.3	(3)	.1	(3)	(3)	(3)	71
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	72
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	73
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	74
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	75
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	76
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	77
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	78
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	79
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	80A
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	80B
.2	1.4	.2	.9	(3)	.4	.3	.9	.4	4.3	3.0	.1	.7	.4	.5	.9	.3	.3	.1	.7	1.3	.7	.1	1.0	.6	1.1	.3	.3	.5	81
.1	.7	.1	.3	(3)	.2	.1	.4	.3	3.9	.8	(3)	.2	.1	.5	.4	(3)	.2	.1	.3	.8	.3	(3)	.3	.2	.4	.1	.1	.2	82
2.2	(3)	.1	.3	0	0	0	12.2	0	0	.2	(3)	(3)	0	.2	.2	0	0	1.7	.8	41.1	28.8	0	2.4	0	.9	.1	.5	.2	83
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86

Table 1.—Percent Distribution of Gross Output, 1958—Continued

(Producers' prices)

For the distribution of output of an industry read the row for that industry	Materials handling machinery & equipment	Metalworking machinery & equipment	Special industry machinery & equipment	General industrial machinery & equipment	Machine shop products	Office, computing & accounting machines	Service industry machines	Electric industrial equipment & apparatus	Household appliances	Electric lighting & wiring equipment	Radio, television & communication equipment	Electronic components & accessories	Misc. electrical machinery, equipment & supplies	Motor vehicles & equipment	Aircraft & parts	Other transportation equipment	Scientific & controlling instruments	Optical, ophthalmic & photographic equipment	Miscellaneous manufacturing	Transportation & warehousing	Communication; except radio & T.V. broadcasting	Radio & T.V. broadcasting	Electric, gas, water & sanitary services
	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	.1	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	.2	0	0	0	0	.2	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	.3	0	0	.1	0	0	0	.2	0	0	0	0	0	0
7	0	0	0	0	0	0	0	.1	0	0	.1	0	0	.5	.1	.1	0	.1	0	1.0	0	0	15.7
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.0
9	0	0	0	.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	.4	.1	0	0	0	.1	2.4	1.7	0	3.3
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.3	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	.1	0	0	0	0	.4	0	0	.2	0	.9	.1	0	0	0
17	0	0	0	0	0	0	0	.1	0	0	0	0	0	2.5	.2	.1	.2	0	1.5	.6	.1	.1	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	.1	0	0	0	0	0	0	0	0
19	0	0	.1	0	0	0	0	0	0	0	0	0	0	6.6	0	.1	0	0	.1	.7	.2	.1	0
20	0	0	.1	.1	0	0	.1	.1	.1	0	.1	0	0	.2	.2	1.0	0	0	1.1	.1	0	0	0
21	0	0	.2	0	0	.2	2.4	0	4.5	0	0	0	0	0	0	0	.2	0	.4	3.9	0	0	0
22	0	0	0	0	0	0	0	0	0	0	4.3	0	0	0	0	.7	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	.3	1.1	1.0	0	0	0	0	0	0	0
24	0	0	0	.1	0	.1	.1	.4	.1	.1	.3	.1	0	.3	0	.1	.1	.5	1.1	.3	0	.1	.1
25	0	0	0	.2	0	.1	.5	.5	.2	1.1	.9	.4	0	.7	.3	0	.8	.2	5.5	.2	0	.1	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	.1	.1	0	0	0	.1	.6	.9	.1	0
27	0	0	0	0	0	0	0	0	0	0	.1	0	0	.2	.1	.1	.1	.5	.2	.3	0	0	0
28	0	0	0	0	0	0	.1	.1	.2	.1	.1	.3	.2	.2	.1	.6	.2	.6	2.5	0	0	0	0
29	0	0	0	0	0	0	.1	.5	.5	.6	.0	.5	.2	.5	.3	.1	.6	.1	4.7	.3	0	0	0
30	0	0	0	0	0	0	.6	.5	1.1	.9	.1	.1	.1	.2	.1	1.6	.1	.1	2.1	2.1	0	0	0
31	0	0	0	.1	0	.1	.2	.2	.1	.5	.9	.2	.2	.1	.2	.1	.2	.1	.1	2.4	.1	0	2.3
32	0	0	0	.2	0	.8	.4	.5	1.7	.5	.9	.3	1.0	9.1	1.3	.5	.6	.2	1.7	3.7	.1	0	.1
33	0	0	0	.1	0	.1	.1	.1	.1	0	.1	.1	0	.7	0	.2	.3	0	3.8	.4	0	0	0
34	0	0	0	0	0	0	.2	.2	.2	2.0	.2	.2	.2	10.6	.1	.9	.5	.7	1.3	.2	0	0	0
35	0	0	0	0	0	.1	.2	.5	.4	.2	.2	.2	.2	.8	.6	.4	.2	.1	.1	.1	0	0	.2
36	.1	1.3	1.1	1.9	.6	.3	.6	1.6	1.4	.7	.3	.3	.2	10.3	2.1	2.2	.3	0	.7	.2	0	0	0
37	.1	.3	1.0	.9	1.1	.4	1.1	3.3	3.6	1.1	.3	1.2	.5	2.6	3.4	.7	1.4	.4	2.5	.5	.2	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.4	0	0	0	0	0	0
39	.1	.2	.3	.3	0	0	.1	.1	.1	0	0	0	0	.1	0	1.0	0	0	0	0	0	0	0
40	.4	.7	1.8	.1	.7	2.1	2.0	4.7	1.6	3.0	1.7	1.0	12.8	6.6	.5	1.7	.2	1.1	.4	0	0	0	0
41	.2	.2	.4	.7	.3	.2	.8	.5	1.7	.5	1.1	.1	12.5	1.8	1.1	.5	.2	1.2	.6	0	0	0	2.4
42	.4	0	.6	0	0	0	.1	.4	0	0	0	0	2.3	.1	4.5	0	0	0	2.7	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.6	0	0	0	0	0	0	0
45	2.7	5.8	3	0	0	0	0	0	0	0	0	0	0	0	0	1.2	0	0	0	1.3	0	0	0
46	.3	5.6	.5	1.5	0	.6	.2	1.4	.7	.3	.7	.4	.6	7.0	6.5	.5	1.1	.2	.1	.6	3	0	.1
47	0	2.1	4.9	3	.4	0	0	0	3	3	0	0	0	0	0	0	0	0	3	0	0	0	0
48	1.4	2.5	2.5	4.9	.1	.4	.3	1.1	.9	3	.1	3	.7	2.8	3.3	1.5	.4	0	.1	.4	0	0	0
49	.6	.3	.5	.3	.7	.3	.1	.5	.3	.2	.3	.2	.2	5.4	7.8	.3	1.1	0	.7	.4	0	0	0
50	0	0	.1	0	0	8.5	0	0	0	0	0	0	0	0	0	0	.9	0	0	.1	0	0	.4
51	0	0	0	0	0	0	4.7	0	3.1	0	.2	0	0	1.2	3	.4	3	0	.1	.1	0	0	0
52	1.0	1.4	.6	2.6	.1	.9	3.7	6.6	2.5	.7	1.1	.2	.2	.5	.7	2.4	1.4	.3	.6	.8	0	0	.2
53	0	0	0	0	0	0	0	0	1.1	0	0	0	0	0	0	.5	0	0	0	0	0	0	0
54	.1	.1	.1	.1	.1	.4	.6	1.8	1.1	4.0	2.7	.5	1.1	4.0	.7	.5	.5	.2	.6	.3	0	0	.1
55	0	0	0	0	0	3.5	0	3.8	0	0	5.6	0	0	1.9	5.1	.1	.5	0	0	.3	1.9	.6	.1
56	0	0	0	0	0	0	0	0	0	0	39.0	6.1	.4	.6	2.8	.1	3.6	0	.2	.9	.2	0	0
57	.2	0	0	0	0	0	0	0	2.9	0	0	0	.7	22.0	2.9	.4	0	0	0	4.7	.8	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	20.0	.2	.1	0	0	0	.4	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.9	0	0	0	0	1.3	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	.1	0	5.6	0	0	0	8.0	.1	0	0
61	0	.1	.1	.4	0	0	.8	.2	2.0	0	.3	.1	0	2.7	1.4	.1	5.6	0	0	.7	0	0	0
62	0	0	0	0	0	.1	0	0	0	.1	0	0	0	.1	1.5	.3	.2	.3	0	0	0	0	0
63	0	.1	.1	.1	0	.1	.1	.2	.2	.1	.2	.1	.1	.4	.1	.1	.2	0	5.3	.9	.2	.3	.1
64	0	.3	.3	.4	0	.1	.1	.3	.3	.1	.2	.1	.1	.5	.6	.1	.2	.1	.3	2.9	.9	.7	.5
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.3	0
66	.1	.1	.1	.1	.1	.1	.1	.2	.1	.3	.1	.1	.1	.5	.3	.1	.1	.1	.1	.7	.3		16.7
67	.1	.1	.1	.2	.1	.1	.1	.2	.2	.2	.2	.2	.1	.7	.2	.2	.1	.1	.3	1.1	.1		.3
68	.1	.1	.1	.1	.1	.1	.1	.1	.3	.3	.1	.3	.1	.3	.1	.3	.1	.1	.2	2.7	.2		.4
69	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	.3	.1	.1	.1	1.7	.2	.1	.1
70	.1	.2	.1	.2	.1	.3	.1	.2	1.3	.1	.6	.1	.1	2.3	.3	.1	.2	.4	.5	2.0	.7	.3	.9
71	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	.2	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	.1	0	0	0	0	.1	10.4	.3	0	.3
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.4	.1	5.3	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	.1	.1	0	0	0	0	.1	0	0	.1
75	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.9	.3	.1	.1	.1	.2	1.9	.9	0	1.2
76	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	.1	0	.1
77	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	.1	0	.1
78	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	.1	0	.1
79	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2	.1	0	.1
80A	.1	.3	.1	.1	.1	.3	.4	.4	.5	.1	.3	.1	.2	4.9	.4	.4	.7	.6	1.9	7.5	0	0	.3
80B	.2	.6	.5	.7	.3	.8	.4	1.6	.5	.4	1.6	.3	.3	1.6	.8	.6	1.2	.2	1.0	2.2	.7	.5	.9
81	.1	.2	.2	.3	.1	.2	.1	.5	.1	.1	.5	.2	.1	.6	.7	.2	.4	.1	.4	3.2	2.7	.1	1.2
82	.1	.2	.2	.6	.2				.1	.1	.3			.6	.4	.6		0	.4	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

[1] Less than .05 percent. Not applicable

[2] For this table, industry 80 is split into two rows. Row 80A shows the direct allocation to consuming industries of imported goods and services which are not substitutable for domestically produced goods and services. It also shows the distribution to final demand categories of all imported goods and services which are consumed by final demand in substantially the same form in which they were imported. 48 percent of total imports have been

Table 1.—Percent Distribution of Gross Output, 1963—Continued

(Producers' Prices)

Wholesale & retail trade	Finance & insurance	Real estate & rental	Hotels; personal & repair services exc. auto.	Business services	Research & development	Automobile repair & service	Amusements	Medical, educational services & nonprofit org.	Federal Government enterprises	State & local government enterprises	Gross imports of goods & services	Business travel, entertainment & gifts	Office supplies	Scrap, used, & secondhand goods	Government industry	Rest of the world industry	Household industry	Final Demand: Personal consumption expenditures	Final Demand: Gross private fixed capital formation	Final Demand: Net inventory change	Final Demand: Gross exports	Final Demand: Federal Government purchases	Final Demand: State & local government purchases	Transfers to other industries	Industry number
69	70	71	72	73	74	75	76	77	78	79	80A & 80B	81	82	83	84	85	86								
0	0	0	0	0	0	0	(*)	(*)	(*)	0	0	0	0	0	0	0	0	3.0	0	2.3	0.1	(*)	(*)	3.8	1
0	0	.1	0	0	0	0	0	(*)	2.6	0	0	0	0	0	0	0	0	10.8	0	1.3	7.5	.7	.1	10.3	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.4	0	1.2	3.1	−9.4	(*)	1.2	3
0.8	0	0	0	0	0	0	.2	0	0	0	0	0	0	0	0	0	0	0	0	1.2	.2	2.9	−4.4	.4	4
0	0	0	0	0	0	0	0	0	.1	0	0	0	0	0	0	0	0	0	0	−1.8	1.3	0	0	2.4	5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	−2.4	.3	14.5	0	2.2	6
0	.3	0	0	1.0	0	.2	0	(*)	1.7	2.9	0	0	0	0	0	0	0	0.5	0	−.6	12.1	0	2.2	.7	7
0	0	0	0	0	0	0	0	0	0	.2	0	0	0	0	0	0	0	0	0	−.4	.3	0	0	4.9	8
0	0	.2	0	0	0	0	0	0	(*)	0	0	0	0	0	0	0	0	1.1	0	.2	1.4	.6	−.7	4.7	9
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	0	−.2	0.6	1.9	2.2	28.4	10
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70.5	0	(*)	6.5	23.0	0	11
4.6	.7	35.0	.2	.1	0	.6	.7	4.0	.1	7.1	0	0	0	0	0	0	0	0	0	0	0	6.3	15.9	0	12
0	0	0	0	0	0	0	0	0	0	(*)	0	0	0	0	0	0	0	3.4	0	1.3	.4	48.6	.1	29.6	13
(*)	0	0	(*)	0	0	0	0	.5	.4	(*)	0	0	0	0	0	0	0	70.2	0	.4	1.7	.3	.4	4.1	14
0	0	0	0	0	0	0	0	(*)	0	0	0	0	0	0	0	0	0	71.5	0	−.4	7.3	0	(*)	2.6	15
0	0	0	1.1	0	0	0	0	(*)	0	0	0	0	0	0	0	0	0	6.6	0	−1.0	1.9	.6	.1	6.0	16
1.3	.8	0	.9	.6	.1	.6	.1	.3	0	.1	0	0	0	0	0	0	0	29.7	1.5	−1.1	1.8	.2	(*)	6.9	17
0	(*)	0	.7	(*)	(*)	(*)	0	.3	0	(*)	0	0	0	0	0	0	0	78.1	0	−.9	1.0	.3	.6	1.2	18
1.0	1.4	0	5.7	.9	.1	.8	.2	1.5	.1	0	0	0	0	0	0	0	0	46.1	0	(*)	.8	4.5	(*)	3.4	19
(*)	0	0	.1	0	0	0	0	(*)	0	(*)	0	0	0	0	0	0	0	1.5	.1	.7	1.3	−.1	(*)	2.5	20
19.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	−2.1	.6	.4	.1	7.1	21
0	0	0	.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78.2	3.3	−.2	.5	.5	1.7	3.8	22
0	0	0	.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.6	53.4	(*)	1.2	1.7	8.5	7.0	23
4.1	1.0	0	1.4	.6	.1	(*)	(*)	.8	.3	(*)	0	0	0	0	0	0	0	8.1	0	(*)	2.4	.7	.1	5.7	24
9.5	.7	0	.5	.2	(*)	(*)	(*)	.6	.2	0	0	0	0	0	0	0	0	1.0	0	(*)	.5	.1	(*)	2.4	26
1.4	3.1	(*)	.1	.6	(*)	.1	.3	2.5	.3	.1	0	0	0	0	0	0	0	19.8	0	.1	.7	.7	1.4	51.2	30
0	0	.1	.8	.1	0	(*)	0	(*)	0	.2	0	0	0	0	0	0	0	1.8	0	−.2	5.5	6.1	2.0	9.2	27
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	0	−1.0	7.9	.1	0	6.4	28
0	.2	0	2.7	.4	.1	.1	(*)	8.9	0	0	0	0	0	0	0	0	0	55.9	0	.3	4.9	2.0	2.7	6.6	29
0	0	0	(*)	0	0	3.2	0	0	0	0	0	0	0	0	0	0	0	.9	0	−.2	1.3	.1	(*)	6.0	30
3.8	.5	1.4	.8	.6	(*)	.2	(*)	.4	(*)	.2	0	0	0	0	0	0	0	40.8	0	−1.0	3.6	4.0	2.1	4.8	31
2.3	.8	.5	1.0	1.0	.2	4.0	(*)	.9	(*)	.1	0	0	0	0	0	0	0	19.0	.8	−.6	3.1	1.7	1.1	7.0	32
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	−.3	3.1	0	0	1.2	33
.1	(*)	(*)	.2	(*)	0	(*)	.2	.1	(*)	0	0	0	0	0	0	0	0	83.6	.2	1.0	1.2	.7	.1	2.8	34
4.6	0	0	.1	0	0	4.4	0	.3	0	0	0	0	0	0	0	0	0	5.9	0	−.3	3.1	.1	0	1.6	35
.6	0	0	.7	(*)	0	.5	0	(*)	.2	(*)	0	0	0	0	0	0	0	2.8	0	.4	1.3	.1	(*)	4.6	36
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.1	0	−.8	2.8	.8	(*)	6.3	37
0	0	0	.1	.2	0	0	0	0	0	0	0	0	0	0	0	0	0	.1	0	−.1	3.0	3.8	0	6.5	38
.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.5	.4	1.3	.8	0	2.8	39
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.9	3.8	−.9	2.8	(*)	0	7.5	40
.5	0	0	0	0	0	0	0	.5	0	0	0	0	0	0	0	0	0	6.7	0	−1.8	.8	2.5	.2	11.1	41
.1	0	0	.4	(*)	0	1.7	0	(*)	(*)	.3	0	0	0	0	0	0	0	5.8	2.5	−.7	2.3	1.7	.7	2.1	42
0	0	0	0	4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	5.7	35.1	−3.7	9.5	10.8	.1	12.9	43
0	0	0	0	5.3	0	0	0	0	0	0	0	0	0	0	0	0	0	.3	36.1	−.9	7.3	.2	.7	10.1	44
0	0	0	0	.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42.8	−2.4	23.0	2.6	.7	11.1	45
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32.1	−2.2	7.0	12.4	4.4	11.7	46
0	0	0	0	.5	(*)	(*)	0	0	0	0	0	0	0	0	0	0	0	.8	31.5	−3.6	9.0	4.7	.1	8.1	47
0	0	0	(*)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.8	57.8	−4.9	14.6	1.2	1.2	11.6	48
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.0	−2.2	7.3	6.3	.1	10.3	49
.8	0	0	0	(*)	0	6.5	0	(*)	(*)	.2	0	0	0	0	0	0	0	0	0	−.7	.9	2.6	2.2	9.1	50
.3	.2	0	0	3.6	0	0	0	.1	0	0	0	0	0	0	0	0	0	2.6	45.0	−.8	6.0	3.3	3.9	25.6	51
.2	0	0	1.8	3.8	.1	0	0	0	0	0	0	0	0	0	0	0	0	11.0	42.4	−1.6	6.0	2.9	.9	12.5	52
0	0	0	.1	(*)	0	.1	0	0	0	0	0	0	0	0	0	0	0	.3	31.3	−2.6	5.4	3.5	.1	13.6	53
0	0	0	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67.2	2.6	−1.8	4.5	.6	(*)	14.4	54
.2	0	0	.3	(*)	0	1.4	0	(*)	(*)	(*)	0	0	0	0	0	0	0	13.6	1.1	−1.3	2.8	.3	.4	11.7	55
(*)	0	0	.2	0	0	0	0	.2	0	0	0	0	0	0	0	0	0	22.5	18.7	−1.2	3.3	23.1	1.0	15.1	56
0	0	0	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.8	1.0	−1.8	3.4	3.8	(*)	12.0	57
1.4	.1	.1	.2	.3	0	7.6	0	.7	(*)	.1	0	0	0	0	0	0	0	16.7	5.4	−1.8	4.6	5.3	2.8	12.9	58
.7	0	0	0	(*)	0	4.8	0	(*)	(*)	.2	0	0	0	0	0	0	0	39.2	15.2	−2.3	2.9	1.3	1.0	6.0	59
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.2	2.3	−2.1	4.4	51.0	(*)	13.5	60
0	.3	0	.2	.5	.2	.3	(*)	.5	0	0	0	0	0	0	0	0	0	19.2	31.2	−3.0	7.9	17.3	1.0	7.4	61
0	0	0	2.9	0	0	.4	0	7.2	0	0	0	0	0	0	0	0	0	9.7	14.7	−.2	5.1	15.2	2.4	14.1	62
0	0	0	6.5	11.9	0	0	1.5	4.5	0	0	0	0	0	0	0	0	0	23.9	10.1	.3	5.9	8.4	.9	10.4	63
.8	.4	0	4.8	1.3	.1	(*)	1.6	.6	0	(*)	0	0	0	0	0	0	0	45.7	5.0	.6	2.1	.0	3.2	14.5	64
1.9	.7	.1	.3	.8	(*)	.3	.1	.4	2.1	.2	0	0	0	0	0	0	0	25.4	2.5	.4	5.7	4.2	1.2	11.5	65
10.9	4.4	1.8	.7	2.9	(*)	.6	.5	2.0	.1	.3	0	0	0	0	0	0	0	42.1	3.9	0	.7	1.3	3.0	4.4	66
0	0	0	0	.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.6	0	0	68.9	67
9.4	.6	1.0	3.2	2.2	0	.7	.2	2.1	.4	1.3	0	0	0	0	0	0	0	38.7	0	0	.3	1.7	2.4	.3	68
1.7	.3	.2	.6	.4	(*)	.7	.1	.4	.1	(*)	0	0	0	0	0	0	0	34.5	3.9	.1	1.5	.7	.2	2.0	69
6.6	20.4	5.0	.7	1.1	(*)	.6	.5	1.0	(*)	.2	0	0	0	0	0	0	0	44.6	0	0	.1	(*)	.7	3.1	70
3.2	3.3	2.0	.9	1.4	(*)	.5	.5	2.5	.1	.1	0	0	0	0	0	0	0	64.5	3.5	0	.4	.2	.4	0	71
1.5	0	0	2.9	0	0	0	0	.9	0	.1	0	0	0	0	0	0	0	77.7	0	0	0	2.0	.7	10.9	72
19.4	4.2	2.9	1.3	2.2	.1	.6	.9	2.3	.2	.3	0	0	0	0	0	0	0	7.7	0	0	.7	2.3	2.3	2.3	73
0	0	0	0	0	0	0	0	.7	(*)	0	0	0	0	0	0	0	0	0	0	0	0	97.8	0	0	74
10.4	1.6	.6	2.5	1.5	0	1.7	0	.5	.4	.1	0	0	0	0	0	0	0	45.4	0	0	0	1.6	1.0	.0	75
1.7	.1	0	0	0	.1	0	22.6	1.5	0	0	0	0	0	0	0	0	0	58.0	0	.4	4.0	.3	−.8	4.4	76
.4	.6	.1	.1	(*)	(*)	(*)	(*)	1.3	0	(*)	0	0	0	0	0	0	0	80.1	0	0	(*)	.5	1.4	2.6	77
10.1	8.0	5.9	.2	18.0	0	.1	.1	.4	.2	.1	0	0	0	0	0	0	0	15.4	0	0	1.5	1.4	1.6	23.4	78
1.1	.2	(*)	.4	.2	0	(*)	(*)	.3	(*)	.2	0	0	0	0	0	0	0	5.5	0	0	.1	2.4	.1	84.3	79
.3	1.1	0	0	0	0	0	1.0	.1	1.8	0	0	0	0	0	0	0	0	38.0	.2	.1	1.0	26.8	(*)	0	80A
0	.1	0	0	0	0	0	0	0	0	0	0	1.4	0	2.5	0	4.3	0	0	0	0	0	0	0	n. a.	80B
24.2	5.6	.9	2.3	3.2	.3	.4	1.3	6.7	.5	.2	0	0	0	0	0	0	0	9	0	0	0	0	0	0	81
15.8	10.0	2.0	1.4	18.1	0	.2	.5	6.4	1.5	2.1	0	0	0	0	0	0	0	0	0	0	0	5.5	0.7	0	82
7.6	0	0	3.3	0	0	5.2	0	(*)	0	(*)	0	0	0	0	0	0	0	−1.0	−59.0	−14.7	15.0	3.4	24.6	0	83
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.2	48.8	0	84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	−45.0	0	0	100.4	−24.3	0	0	85
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0	0	0	0	0	0	0	86

directly allocated to consuming industries and final demand. Row 80B shows the classification of transferred imports according to the industry producing the domestic goods and services for which these imports are substitutes. 22 percent of total imports have been transferred to domestic producing industries. NOTE: Detail may not add to total due to rounding.

Source: U.S. Department of Commerce, Office of Business Economics.

Table 2.—Direct Requirements Per Dollar of Gross Output, 1958

(Producers' prices)

For industrial composition of input into an industry read the column for that industry	Livestock & livestock products	Other agricultural products	Forestry & fishery products	Agricultural, forestry & fishery services	Iron & ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum & natural gas	Stone & clay mining & quarrying	Chemical & fertilizer mineral mining	New construction	Maintenance & repair construction	Ordnance & accessories	Food & kindred products	Tobacco manufactures	Broad & narrow fabrics, yarn & thread mills
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Livestock & Livestock Products	0.18292	0.07285	0.03163	0.13924	0	0	0	0	0	0	0	0	0	0.24969	0	0.00957
2. Other Agricultural Products	.26038	.63017	.11384	.35128	0	0	0	0	0	0	.00452	0	0	.07356	.18322	.10937
3. Forestry & Fishery Products	0	0	.01102	0	0	0	0	0	0	0	0	0	0	.00424	0	0
4. Agricultural, Forestry & Fishery Services	.01868	.03754	.01303	.00106	0	0	0	0	0	0	0	0	0	0	0	0
5. Iron & Ferroalloy Ores Mining	0	0	0	0	.05144	.00096	0	0	.00025	.00063	0	0	0	0	0	0
6. Nonferrous Metal Ores Mining	0	0	0	0	0	.03217	.17547	0	0	.00259	.00063	0	0	0	0	0
7. Coal Mining	.00023	.00002	0	0	0	.00375	.00096	.12115	.00002	.00152	.00063	(*)	0	0	.00062	.00023	.00144
8. Crude Petroleum & Natural Gas	0	0	0	0	0	0	0	0	.02325	0	.00212	(*)	0	0	0	0
9. Stone & Clay Mining & Quarrying	.00003	.00284	0	(*)	0	.00006	.00051	0	.00727	.01042	.01193	.00777	0	.00006	0	0
10. Chemical & Fertilizer Mineral Mining	0	.00121	.00005	0	0	.00092	.00002	0	.00041	.05878	0	0	0	.00012	0	.00007
11. New Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Maintenance & Repair Construction	.00888	.01607	.00233	.00127	.00053	.00092	.00088	.00039	.00122	.00068	.00013	.00006	.00182	.00338	.00005	.00004
13. Ordinance & Accessories	0	0	0	0	0	0	0	0	0	0	.10010	0	.01779	0	0	0
14. Food & Kindred Products	.11187	.00012	.01790	.00452	0	0	0	0	0	.00010	.00032	0	0	.16716	.00595	.00216
15. Tobacco Manufactures	0	0	0	0	0	0	0	0	0	0	0	0	0	.00001	.15102	0
16. Broad & Narrow Fabrics, Yarn & Thread Mills	0	.00030	0	0	.00042	.00138	.00067	0	0	.00083	0	0	0	.00012	.00019	.34684
17. Miscellaneous Textile Goods & Floor Coverings	.00022	.00112	.00801	.00761	0	0	0	.00020	.00003	0	.00007	.00006	.00010	.00001	0	.02289
18. Apparel	0	0	0	0	0	0	0	0	0	0	0	0	.00036	.00000	0	.00133
19. Miscellaneous Fabricated Textile Products	.00051	.00149	0	0	0	0	0	0	0	0	.00001	.00004	0	.00158	0	.00313
20. Lumber & Wood Products, Except Containers	.00007	.00007	0	0	.00452	.00167	.00689	.00058	.00002	.00041	.00288	.02476	.00094	.00006	.00022	.00013
21. Wooden Containers	0	.00427	0	.00006	0	0	0	0	0	0	0	0	.00096	.00151	.00166	0
22. Household Furniture	0	0	0	0	0	0	0	0	0	0	.00668	0	.00002	0	0	.00002
23. Other Furniture & Fixtures	0	0	0	0	0	0	0	0	0	0	.00390	.00098	0	0	0	(*)
24. Paper & Allied Products, Except Containers	0	0	.00684	.00126	.00002	.00636	.00230	.00042	.00386	.01323	.00617	.00404	.00148	.00571	.01172	.01153
25. Paperboard Containers & Boxes	.00063	.00011	.00649	.00193	0	0	.00056	.00005	.00182	.00389	0	0	.00341	.01358	.01182	.00780
26. Printing & Publishing	.00019	.00031	.00006	.00002	.00004	.00031	.00027	.00008	.00031	.00005	.00015	.00007	.00202	.00189	.00217	.00076
27. Chemicals & Selected Chemical Products	.00130	.04578	.00012	.00090	.01042	.03161	.01593	.00449	.01080	.03173	.00700	.00419	.00225	.06338	.00397	.01629
28. Plastics & Synthetic Materials	0	0	0	0	0	0	0	0	0	0	0	0	0	.00022	.01773	.08455
29. Drugs, Cleaning, & Toilet Preparations	.00108	0	0	.00003	(*)	.00008	0	.00007	.00012	.00018	0	0	.00050	.00325	.00127	.00214
30. Paints & Allied Products	0	0	.00128	0	.00001	.00015	.00032	.00046	0	0	.00375	.04211	.00010	.00009	.00009	.00034
31. Petroleum Refining & Related Industries	.00182	.03829	.01392	.00169	.00832	.00623	.01109	.00473	.03795	.00657	.01882	.02222	.00318	.00436	.00043	.00219
32. Rubber & Miscellaneous Plastics Products	.00060	.00684	.00591	.00117	.00051	.00287	.00826	.00237	.01806	.00479	.00594	.00294	.02422	.00222	.00165	.00395
33. Leather Tanning & Industrial Leather Products	0	0	0	0	0	0	0	0	0	0	0	0	0	(*)	.00004	.00016
34. Footwear & Other Leather Products	.00003	.00018	.00001	(*)	(*)	(*)	(*)	(*)	(*)	.00001	.00001	(*)	.00004	(*)	(*)	.00003
35. Glass & Glass Products	.00013	0	0	0	0	0	0	.00084	0	0	.00163	.00453	.00001	.00929	0	.00215
36. Stone & Clay Products	.00004	.00107	0	0	.00065	.00468	.00329	.00038	.06233	.00061	.07793	.08247	.00772	.00004	.00001	.00019
37. Primary Iron & Steel Manufacturing	0	0	0	0	.01490	.43873	.00698	.00027	.01375	.01846	.04248	.01622	.01321	.00002	0	.00036
38. Primary Nonferrous Metals Manufacturing	.00004	.00003	0	0	.00148	.00489	.00608	.00066	.00108	.00322	.01838	.01658	.04822	.00055	.00116	.00003
39. Metal Containers	.00020	.00063	0	0	0	0	0	0	0	0	0	0	0	.02341	.00190	0
40. Heating, Plumbing & Structural Metal Products	0	0	0	0	.00064	.00035	.00329	.00057	.00001	.00015	.09906	.06229	.00103	0	0	.00005
41. Stampings, Screw Machine Products & Bolts	.00063	0	0	0	.00028	.00045	.00571	.00052	.00014	.00076	.00188	.00134	.00682	.00268	.00006	.00011
42. Other Fabricated Metal Products	.00110	.00184	.00048	.00577	.00070	.00103	.00510	.00483	.00058	.00096	.01658	.00309	.01029	.00131	.00180	.00082
43. Engines & Turbines	0	0	.00009	0	.00031	.00040	0	.00137	(*)	.00030	.00004	.00002	.00103	0	0	0
44. Farm Machinery & Equipment	.00019	.00334	0	0	0	0	0	0	.00001	0	.00008	0	.00107	0	0	0
45. Construction, Mining & Oil Field Machinery	0	0	0	0	.01929	.02100	.03825	.00364	.04684	.02620	.00326	.00129	.00043	0	0	0
46. Materials Handling Machinery & Equipment	0	0	0	0	.00003	.00011	.00309	0	.01403	.00531	.00677	.00009	.00061	0	0	0
47. Metalworking Machinery & Equipment	0	0	0	0	.00006	.00054	.00325	(*)	.00037	.00005	.00032	.00001	.01117	.00021	.00008	.00020
48. Special Industry Machinery & Equipment	0	0	0	0	0	(*)	0	.00063	0	0	0	0	.00115	(*)	0	.00581
49. General Industrial Machinery & Equipment	0	0	0	0	.00018	.00179	.00173	.00740	.00321	.00145	.00521	.00113	.00834	.00003	.00083	.00011
50. Machine Shop Products	.00007	.00012	0	0	.00006	.00007	.00020	.00007	.00031	.00018	.00005	.00002	.07949	.00001	.00002	.00002
51. Office, Computing & Accounting Machines	0	0	0	0	0	0	0	0	0	0	0	0	.00196	0	0	0
52. Service Industry Machines	0	0	0	0	0	0	0	0	0	0	.00374	.00129	.00384	(*)	0	0
53. Electric Industrial Equipment & Apparatus	0	0	0	0	.00062	.00384	.00207	.00306	.00133	.00500	.00909	.00467	.02192	.00012	.00001	.00005
54. Household Appliances	0	0	0	0	0	0	0	0	0	0	.00392	.00354	.00321	0	0	0
55. Electric Lighting & Wiring Equipment	.00003	.00004	.00007	0	.00030	.00038	.00151	.00006	.00006	.00005	.01847	.00729	.01176	.00034	.00010	.00025
56. Radio, Television & Communication Equipment	0	0	0	0	.00004	0	0	0	0	0	.00070	.00128	.03425	0	0	0
57. Electronic Components & Accessories	0	0	0	0	0	0	0	.00195	0	0	.00004	.00001	.00071	0	0	0
58. Misc. Electrical Machinery, Equipment & Supplies	.00028	.00090	0	0	.00010	.00013	.00046	.00010	.00017	.00010	.00028	.00029	.00029	.00006	.00001	.00001
59. Motor Vehicles & Equipment	.00090	.00146	0	0	.00044	.00075	.00206	.00063	.00072	.00223	.00002	.00001	.04289	0	0	0
60. Aircraft & Parts	0	0	0	0	0	0	0	0	0	0	0	0	.20608	0	0	0
61. Other Transportation Equipment	0	.00013	.01408	0	.00197	0	.00418	0	.00017	.00036	.00006	0	.00321	0	0	0
62. Scientific & Controlling Instruments	0	0	0	0	.00018	.00032	.00005	.00005	.00020	.00018	.00058	.00054	.02253	(*)	0	.00002
63. Optical, Ophthalmic & Photographic Equipment	0	0	0	0	.00006	.00000	.00002	(*)	.00006	.00006	(*)	(*)	.00078	0	0	.00002
64. Miscellaneous Manufacturing	.00004	.00002	.00138	.00032	.00001	.00001	.00143	.00004	.00037	.00021	.00100	.00287	.00256	.00047	.00110	.00153
65. Transportation & Warehousing	.01977	.01946	.01606	.00699	.00940	.03528	.00748	.02373	.01810	.00428	.03448	.04766	.01074	.04028	.01220	.02457
66. Communications; Except Radio & T.V. Broadcasting	.00232	.00308	.00223	.00417	.00129	.00149	.00072	.00022	.00167	.00194	.00207	.00187	.00444	.00244	.00029	.00189
67. Radio & T.V. Broadcasting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68. Electric, Gas, Water & Sanitary Services	.00346	.00730	.00033	.00075	.01361	.02252	.03381	.00723	.02419	.04284	.00286	.00148	.00378	.00546	.00910	.01061
69. Wholesale & Retail Trade	.03550	.04396	.01685	.00281	.01770	.02727	.03480	.01294	.03824	.02673	.09467	.03170	.02955	.03691	.01353	.02534
70. Finance & Insurance	.00716	.01220	.02041	.00333	.00459	.01289	.00990	.00397	.01096	.00627	.00690	.00292	.00648	.00629	.00247	.00604
71. Real Estate & Rental	.01108	.07642	.02092	.01005	.06335	.03696	.02200	.12572	.02512	.01079	.00400	.00207	.00441	.00448	.00127	.00452
72. Hotels; Personal & Repair Services, Exc. Auto	0	0	0	0	.00074	.00062	.00124	.00004	.00056	.00067	0	0	.00094	.00068	.00042	.00161
73. Business Services	.00176	.03384	.07023	.00319	.00400	.00690	.00494	.02130	.00981	.00734	.04873	.00346	.01083	.02860	.04480	.00813
74. Research & Development	0	0	0	0	0	0	0	0	0	0	0	0	0	.00008	0	.00019
75. Automobile Repair & Services	.00228	.00216	0	0	0	0	.00236	.00123	.00022	0	.00003	.00123	0	.00433	.00031	.00057
76. Amusements	0	0	0	0	.00002	.00002	.00001	(*)	.000 0	2.000123	0	0	.00003	.00002	.00001	.00003
77. Medical, Educational Services & Non-Profit Organizations	.00538	.00051	.00061	.00057	.00067	.00082	.00045	.00088	.00091	.00069	.00111	.00057	.00098	.00098	.00090	.00184
78. Federal Government Enterprises	.00014	.00013	.00063	.00065	.00062	.00078	.00100	0	.00002	.00003	0	0	.00055	.00046	.00212	.00078
79. State & Local Government Enterprises	.00002	.00003	.00007	.00011	.00007	.00028	.00022	.00040	.00002	.00032	.00025	.00013	.00014	.00045	.00006	.00023
80. Gross Imports of Goods & Services	.03815	.02283	.19281	.00098	.28836	.18869	.08109	.08770	.06348	.10107	0	0	.00203	.04061	.00171	.02409
81. Business Travel, Entertainment & Gifts	.00047	.00114	.00045	.00078	.00393	.00413	.00438	.00626	.00490	.00921	.00439	.00232	.01963	.00530	.00174	.00283
82. Office Supplies	.00038	.00009	.00003	.00007	.00017	.00016	.00022	.00026	.00029	.00042	.00026	.00014	.00106	.00042	.00015	.00245
A. Adjustment for scrap and by-products [1]	-.00142	0	0	0	+.00233	+.00042	+.00194	+.00018	+.00250	+.00140	+.00139	+.00072	+.00001	-.00490	-.00039	-.00743
V.A. Value added	.54283	.30743	.38995	.44650	.33321	.35037	.58210	.51468	.57272	.52593	.35493	.61234	.34747	.26615	.48017	.26511
T TOTAL [1]	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

Table 2.—Direct Requirements Per Dollar of Gross Output, 1958—Continued

(Producers' prices)

Misc. textile goods & floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber & wood products, except containers	Wooden containers	Household furniture	Other furniture & fixtures	Paper & allied products, except containers	Paperboard containers & boxes	Printing & publishing	Chemicals & selected chemical products	Plastics & synthetic materials	Drugs, cleaning, & toilet preparations	Paints & allied products	Petroleum refining & related industries	Rubber & miscellaneous plastics products	Leather tanning & industrial leather products	Footwear & other leather products	Glass & glass products	Stone & clay products	Primary iron & steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Industry number
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
0.02161	0	0	0	0	0	0	0	0	0	0	0	0.00073	0	0	0	0	0	0	0	0	0	0	1
.00306	.00359	0	.02404	0	0	0	0	0	0	.00112	0	.00087	0	0	0	0	0	0	.00062	0	0	0	2
0	.00932	.00038	.00328	0	0	0	0	0	0	.00123	0	0	0	0	0	.00186	0	0	0	0	0	0	3
0	0	0	.00004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
0	0	0	0	0	0	0	0	0	0	.00400	0	0	0	.00015	0	0	0	0	.00112	.01465	.00214	0	5
0	0	0	.00003	0	0	0	0	0	0	.00466	0	.00007	.00009	0	0	0	0	.00004	.00053	.00036	.07906	0	6
.00360	.00006	0	.00019	0	.00065	0	.00698	.00829	0	.00601	.00537	.00058	.00029	.00053	.00146	.00240	0	.00130	.00825	.02615	.00121	.00018	7
0	0	0	0	0	0	0	0	0	0	.00195	0	0	0	.01624	0	0	0	0	0	0	0	0	8
.00002	0	0	.00002	0	0	0	.00337	0	0	.00159	.00012	.00053	.00046	.00339	.00067	0	0	.01123	.06507	.00282	.00044	0	9
.00001	.00003	0	.00001	0	0	0	.00140	0	0	.02898	.00013	.00001	0	.00006	.00110	.00003	0	.00029	.00299	.00329	.00018	0	10
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
.00016	.00054	.00015	.00183	.00009	.00057	.00830	.00395	.00357	.00350	.00049	.00620	.00035	.00035	.00141	.00095	.00009	.00013	.00046	.00048	.00539	.00036	.00025	12
0	0	(*)	0	0	0	0	0	.00620	.00043	0	0	.00002	0	0	0	.00006	0	0	0	.00006	.00015	0	13
.00128	0	0	.00001	0	.00646	.00007	.00620	.00006	0	.01020	.00409	.02927	.00143	.00061	.00020	.00227	0	0	.00062	.00035	.00005	0	14
0	0	0	0	0	0	0	(*)	.00001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
.16509	.27357	.44066	(*)	0	.05685	.08192	.00557	0	.00006	.00005	.00094	.00010	.00021	(*)	.02109	.00036	.02589	0	.00180	0	.00150	0	16
.06356	.00655	.07272	.00119	0	.01320	.01716	.00155	0	.00141	.00017	.00018	0	(*)	0	.06671	.00006	.01330	.00005	.00021	.00005	.00051	0	17
.00260	.17243	.00870	.00128	.00002	.00034	.00102	.00058	.00069	(*)	.00043	.00045	.00636	.00040	.00010	.00283	.00001	.00460	.00119	(*)	.00077	.00051	0	18
.00133	.01254	.06310	.00018	0	.00128	.00099	.00225	.00009	(*)	.00241	0	.00050	(*)	.00005	.00044	.00150	.00034	.00001	.00044	.00013	.00020	0	19
.00061	0	.00001	.28157	.87672	.13421	.05947	.06355	.00052	.00004	.00254	.00023	.00104	.00060	.00013	.00162	0	.00870	.01611	.00174	.00102	.00002	.00041	20
0	(*)	0	.00243	.03646	.00012	.00006	.00051	.00055	(*)	.00025	.00021	0	0	.00001	(*)	.00294	.00029	.00532	.00146	.00017	0	.00045	21
.00253	(*)	.00297	.00219	.00599	.04488	.02224	.00002	0	0	0	.00001	0	0	0	.00007	0	.00032	.00227	0	.00008	0	.00002	22
0	0	.00263	.00039	.00111	.00748	.01263	.00014	0	.00040	(*)	.00001	0	0	0	.00018	0	.00031	(*)	(*)	(*)	.00001	0	23
.01099	.00098	.01285	.00492	.00151	.00395	.00269	.18872	.43174	.17207	.00693	.04524	.00867	.00769	.00320	.00412	.00245	.00956	.00229	.03171	.00249	.00274	.00435	24
.00601	.00619	.00950	.00425	.00222	.01849	.01369	.02643	.03871	.00502	.00585	.00550	.00027	.01080	.00181	.00728	.00145	.01234	.07561	.00957	.00679	.00070	.01386	25
.00046	.00096	.00124	.00376	.00212	.00036	.00102	.00960	.00885	.13035	.00349	.00099	.00406	.00288	.00004	.00311	.00188	.00563	.00149	.00203	.00147	.00069	.00301	26
.00285	.00296	.00012	.00710	.00002	.00006	.00016	.03185	.00236	.01430	.19415	.34067	.12509	.22945	.02906	.04881	.06825	.00832	.03788	.02107	.00954	.00069	.00002	27
.15957	.01022	0	.00663	0	.00034	.00111	.00839	.00314	0	.01281	.02862	.00237	.12234	.00083	.14261	0	.00066	0	.01097	.00324	.01121	.00097	28
.00042	.00009	.00073	.00108	.00085	.00003	.00004	.00290	.00160	.00049	.01248	.01062	.00328	.01086	.00378	.00092	.02481	.00148	.00038	.00184	.00184	.00097	.00285	29
.00047	.00003	.00018	.00447	.00089	.02084	.01640	.00125	0	0	.00352	.00620	.00306	.00167	.00038	.00018	.00002	.00001	.00004	.00114	.00078	.00073	.01872	30
.00169	.00040	.00094	.00899	.00011	.00212	.00201	.01147	.00881	.00089	.00439	.01309	.00952	.00900	.00960	.00241	.00391	.00031	.00306	.01128	.00759	.00424	.00271	31
.01389	.00164	.02943	.00631	.00122	.04065	.00110	.01581	.00889	.00120	.00601	.01762	.00150	.00296	.00035	.02090	.02911	.05885	.00580	.01021	.00515	.00164	.01468	32
.00012	.00963	.00001	0	0	.00116	.00135	0	0	0	.00001	0	0	0	0	.00078	.13887	.20792	0	.00009	0	0	.00037	33
.00030	.00075	.00263	.00006	.00001	.00031	.00001	.00010	.00014	.00004	.00001	(*)	.00002	.00001	(*)	.00112	.00207	.05851	.00002	.00004	(*)	(*)	(*)	34
.00074	(*)	.00001	.00117	0	.01409	.03723	.00004	.00185	0	.00148	.00027	.01925	0	.00013	.00629	.00004	.00006	.04826	.00075	.00006	.00003	.00002	35
.00079	.00001	0	.00384	.00151	.00258	.00172	.00468	.00006	.00001	.00307	.00040	.00181	.00983	.00192	.03853	.00818	.00291	.02530	.12003	.01040	.00498	.00197	36
.00031	.00007	.00085	.00005	.03965	.02404	.09318	.00010	.00053	0	.00564	0	.00012	.00562	.00002	.00207	0	0	0	.00277	.22710	.01183	.43903	37
.00022	0	.00003	.00115	0	.00861	.01325	.00134	.00014	.00120	.01463	.00035	.00015	.00032	.00010	.06189	.00020	.00040	.00317	.00193	.01646	.38857	.00957	38
(*)	0	0	0	.00005	.00001	0	.00006	.00390	(*)	.00693	.00119	.01631	.04654	.00676	0	0	0	0	0	0	0	.00064	39
0	0	.00001	.00086	.00051	.00318	.01271	.00004	0	0	.00017	.00023	.00004	.00053	.00014	.00044	0	.00012	.00041	.00066	.00248	.00030	.00477	40
.00011	0	.00028	.00246	.00210	.00619	.00727	.00147	.00100	.00025	.00062	.00076	.00323	.00045	.00012	.00325	.00077	.00055	.00485	.00148	.00068	.00029	.01381	41
.00107	.00121	.00197	.00786	.00645	.00051	.00449	.01025	.00239	.00166	.00857	.00434	.00673	.00188	.00047	.01120	.00163	.00765	.00398	.01157	.01751	.01464	.00297	42
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.00001	0	0	0	0	.00012	(*)	0	43
.00036	0	0	.00003	0	0	.00057	0	0	0	.00002	0	0	.00013	0	.00001	0	0	0	.00129	.00028	.00005	44
0	0	0	0	0	0	.00033	0	0	.00003	0	0	0	0	0	.00001	0	.00007	.00021	.00004	.00007	.00075	.00001	45
0	0	0	.00045	0	.00004	.00004	0	0	0	.00049	0	0	0	0	.00002	0	.00002	0	.00003	.00012	.00010	0	46
.00019	.00001	.00018	.00016	.00039	.00069	.00294	.00077	.00069	.00081	.00068	.00128	.00012	.00010	.00014	.00061	.00007	.00069	.00147	.00122	.00068	.00714	.01226	47
.00083	(*)	0	.00134	.00365	.00287	.00639	.00270	.00367	.00270	.00055	.00130	.00137	.00002	0	.00060	0	.00001	0	.00081	.00138	.00020	(*)	48
.00010	.00001	.00048	.00129	.00030	.00080	.00187	.00054	.00049	.00009	.00038	.00053	.00005	.00017	.00007	.00087	.00225	.00011	.00137	.00034	.00309	.00314	.00680	49
.00003	(*)	.00007	.00031	.00022	.00011	.00018	.00034	.00025	.00006	.00035	.00027	.00002	.00009	.00002	.00253	.00014	.00009	.00086	.00046	.07448	.00333	.00475	50
0	0	.00001	0	0	0	.00268	.00016	0	.00038	.00058	0	.00001	0	0	0	0	0	0	0	.00006	0	0	51
0	0	.00031	0	0	.00007	.00127	.00004	0	0	.00008	0	.00023	0	0	.00002	0	0	.00019	.00006	.00008	.00020	0	52
.00006	.00001	0	.00003	0	.00016	.00032	.00046	.00010	.00042	.00120	.00064	.00004	.00002	.00017	.00052	.00056	.00048	.00055	.00065	.00436	.00349	.00109	53
0	0	0	0	0	.00112	.00047	0	.00002	0	0	.00022	.00013	0	0	.00044	0	0	.00029	(*)	.00012	.00040	.00248	54
.00019	0	.00004	.00116	.00197	.00004	.00068	.00118	.00044	.00019	.00011	.00039	.00004	.00017	.00008	.00167	.00090	.00072	.00253	.00367	.00061	.00551	.00043	55
0	0	0	0	0	.00030	.00134	0	0	.00040	0	.00023	0	0	.00025	.00065	0	0	0	.00003	.00001	.00063	0	56
0	0	.00001	0	0	.00030	.00011	0	0	.00006	(*)	0	(*)	0	0	.00029	0	.00001	(*)	.00034	0	.00025	0	57
.00001	(*)	.00002	.00009	.00009	.00002	.00002	.00002	.00001	.00001	.00003	.00001	.00003	.00002	.00002	.00015	.00001	.00002	.00005	.00006	.00001	.00496	.00001	58
.00035	0	0	.00006	0	.00004	.00240	0	0	.00016	(*)	0	.00003	0	.00001	.00002	.00066	.00084	0	.00020	.00156	.00141	.00002	59
.00028	0	.00051	.00008	0	.00005	.00000	0	0	.00184	.00008	0	0	0	0	.00246	0	.00008	0	.00013	.00006	.00002	.00334	60
0	(*)	0	.00034	.00025	.00001	.00067	0	0	.00043	0	0	0	0	0	.00029	0	.00003	0	0	.00083	.00058	0	61
0	.00014	.00305	.00002	0	.00004	.00602	.00029	0	.00043	.00026	.00019	.00386	.00012	.00008	.00137	.00002	.00176	.00029	.00047	.00028	.00049	.00016	62
0	(*)	0	0	0	0	.00001	.00028	0	.00007	.00046	.00236	.00004	.00004	.00002	.00090	.00008	.00008	.00018	.00010	.00002	.00006	.00006	63
.00760	.01813	.01654	.00184	.00048	.00470	.01522	.00090	.00094	.00260	.00149	.00060	.00060	.00071	.00039	.00461	.00060	.00872	.00097	.00245	.00060	.00137	.00072	64
.03045	.00539	.00949	.05082	.03622	.02234	.01712	.03706	.02307	.04437	.03345	.03070	.01918	.02938	.05940	.02172	.02885	.01191	.02584	.06476	.06204	.02158	.02531	65
.00243	.00301	.00236	.00237	.00211	.00624	.00496	.00286	.00218	.01273	.00440	.00265	.00910	.00409	.00181	.00903	.00230	.00264	.00296	.00289	.00351	.00276	.00400	66
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
.00664	.00316	.00349	.00648	.00772	.00681	.00627	.01796	.00501	.00436	.02341	.00955	.00401	.00442	.01458	.01031	.01760	.00321	.03894	.02794	.02602	.02148	.00654	68
.04993	.03573	.04031	.04341	.04859	.05586	.00906	.03803	.03593	.07340	.02879	.04986	.07206	.04184	.01027	.03486	.02865	.02845	.03894	.03113	.03596	.03387	.03888	69
.00799	.00663	.00445	.00627	.00620	.00631	.00619	.00593	.00635	.00872	.00949	.00701	.00794	.00768	.00633	.01579	.00622	.00740	.00871	.00993	.00754	.00709	.00620	70
.00874	.01134	.01043	.00447	.00630	.01213	.01078	.00407	.00969	.03651	.01001	.00674	.00843	.01199	.00768	.01047	.00908	.00913	.00722	.00796	.00386	.00390	.00412	71
.00111	.00286	.00154	.00183	.00204	.00211	.00184	.00096	.00129	.00137	.00062	.00060	.00051	.00065	0	.00129	.00125	.00289	.00172	.00142	.00111	.00074	.00086	72
.00716	.00441	.00635	.00535	.00510	.01673	.00988	.01287	.00472	.04451	.01303	.01367	.15035	.01487	.01854	.02271	.02440	.02815	.01532	.01406	.00871	.00771	.00931	73
0	0	0	0	0	0	0	.00019	0	0	.00205	.00031	0	0	.00050	0	0	0	.00091	0	.00035	.00060	0	74
.00851	.00094	.00121	.00771	.00789	.00187	.00184	.00073	.00090	.00104	.00121	.00037	.00359	.00155	.00104	.00088	.00065	.00057	.00073	.00327	.00034	.00068	.00040	75
.00002	.00005	.00008	.00004	.00005	.00004	.00004	.00002	.00003	.00004	.00002	.00002	.00002	.00002	0	.00008	.00005	.00006	.00004	.00003	.00002	.00002	.00002	76
.00087	.00115	.00080	.00101	.00107	.00109	.00101	.00093	.00105	.00110	.00288	.00091	.00096	.00108	.00060	.00103	.00401	.00116	.00106	.00104	.00102	.00091	.00122	77
.00115	.00181	.00135	.00039	.00096	.00058	.00096	.00104	.00091	.00704	.00225	.00469	.00213	.00237	.00176	.00283	.00500	.00234	.00236	.00098	.00079	.00047	.00076	78
.00020	.00009	.00028	.00064	.00081	.00019	.00018	.00119	.00011	.00016	.00031	.00002	.00022	.00022	.00037	.00027	.00056	.00009	.00040	.00120	.00070	.00029	.00008	79
.12805	.00231	.00258	.05276	.01177	.00115	0	.09101	.00093	.00303	.02593	.00629	.00725	.00312	.03171	.03840	.00044	.00533	.02117	.04191	.03163	.06841	.00019	80
.00412	.00609	.00666	.00719	.00855	.00865	.01022	.00550	.00658	.02359	.01614	.00201	.00704	.01259	.00179	.00860	.00860	.00687	.00820	.00639	.00438	.00430	.00687	81
.00040	.00070	.00035	.00037	.00044	.00078	.00093	.00849	.00062	.00310	.00189	.00099	.00045	.00092	.00028	.00073	.00030	.00097	.00677	.00061	.00043	.00038	.00028	82
+.01711	−.00064	−.00041	+.00031	0	0		+.01724	−.00759	−.04411	+.01283	+.00015	(*)	0	−.00034	−.00053	+.28077	−.00027	+.01061	+.00364	+.01129	+.03184	−.00500	A.
.24464	.38580	.23096	.32182	.34345	.41594	.44735	.34789	.87400	.47213	.38608	.39460	.41906	.36438	.20000	.45635	.31243	.43869	.63467	.48316	.36512	.28204	.33584	V.A.
1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	T.

Table 2.—Direct Requirements Per Dollar of Gross Output, 1958—Continued

(Producers' prices)

For industrial composition of input into an industry read the column for that industry	Heating, plumbing & structural metal products	Stamping, screw machine products & bolts	Other fabricated metal products	Engines & turbines	Farm machinery & equipment	Construction, mining & oil field machinery	Materials handling machinery & equipment	Metalworking machinery & equipment	Special industry machinery & equipment	General industrial machinery & equipment	Machine shop products	Office, computing & accounting machines	Service industry machines	Electric industrial equipment & apparatus	Household appliances	Electric lighting & wiring equipment	Radio, television & communication equipment	Electronic components & accessories	Misc. electrical machinery, equipment & supplies	Motor vehicles & equipment	Aircraft & parts	Other transportation equipment
	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	.00121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	.00026	0	0	0	0	0	.00063	0	0	0	0	.00125	0	0	0
6	0	0	.00026	0	0	0	0	0	0	0	0	0	0	0	0	.00143	0	0	.001020	0	0	0
7	.00022	.00036	.00027	.00102	.00092	.00068	0	0	.00001	.00020	.00013	0	.00033	.00032	.00033	0	.00029	.00016	0	.00043	.00018	.00058
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	.00013	0	.00017	0	.00016	.00072	0	0	0	.00023	.00003	0	0	0	0	0	0	0	.00017	.00001	0	.00007
10	0	0	.00004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	.00091	.00064	.00058	.00082	.00070	.00033	.00082	.00211	.00045	.00116	.00187	.00072	.00120	.00181	.00063	.00004	.00188	.00076	.00004	.00008	.00178	.00026
13	.00012	.00067	.00019	0	.00533	.00032	0	.00027	.00079	.00013	.00004	.00111	0	.00120	.00001	.00001	.02422	.00820	0	.00026	.06160	0
14	0	0	.00003	0	.00006	0	.00009	0	.00010	0	0	0	.000004	0	.00001	0	0	0	0	(*)	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	.00024	.04008	.00082	.00009	.00008	.00008	.00148	0	.00126	.00056	(*)	.00006	.00011	.00029	.00253	0	.00024	0	.00023	.00315	.00015	.00060
17	.00004	.00011	.00111	.00021	0	0	0	0	0	0	0	(*)	0	.00030	.00007	.00001	0	0	0	.00367	.00049	.00071
18	.00039	.00105	.00108	.00063	.00070	.00075	.00072	.00108	.00100	.00093	.00130	.00064	.00071	.00008	.00071	.00007	.00074	.00133	.00002	.00044	.00089	.00107
19	.00031	.00018	.00002	0	0	0	0	0	0	0	(*)	0	.000006	0	0	0	.00001	0	0	.00051	0	.00042
20	.00226	.00509	.00799	.00027	.00361	.00124	.00078	.00138	.00543	.00143	0	.00063	.00326	.00126	.00159	.00123	.00179	.00028	.00002	.00054	.00170	.02206
21	.00100	.00047	.00079	0	.00029	0	.00001	(*)	.00014	.00006	0	.00003	.00508	.00028	.00070	0	0	0	.00092	0	0	0
22	.00090	.00027	.00122	0	.00004	.00016	0	.00003	.00005	.00035	0	0	.00111	0	.00017	.00001	.02188	.00538	0	.000060		.00072
23	.00161	.00013	.00100	0	.00060	0	.00048	(*)	.00002	.00013	(*)	.00022	.00067	(*)	.00028	(*)	.00001	.00002	0	.00019	.00160	.00419
24	.00183	.00466	.00380	.00111	.00068	.00081	.00081	.00001	.00212	.00274	.00008	.00648	.00293	.00190	.00150	.00273	.05442	.01178	.00127	.00356	.00039	.00164
25	.00283	.00016	.00320	.00477	.00212	.00057	.00036	.00028	.00090	.00184	0	.00172	.00390	.00387	.00663	.01764	.00517	.00555	.00008	.00104	.00074	.00083
26	.00058	.00142	.00249	.00147	.00045	.00042	.00050	.00045	.00056	.00054	.00018	.00322	.00023	.00117	.00064	.00032	.00144	.00055	.00071	.00032	.00060	.00049
27	.00244	.00323	.00964	.00006	.00096	.00091	0	.00006	.00230	.00177	(*)	.00036	.00040	.00377	.00509	.00546	.00102	.01145	.02117	.00175	.00128	.00223
28	.00052	.00690	.00093	.00065	.00015	.00047	.00048	.00041	.00072	.00027	0	.00114	.00100	.00683	.00259	.01856	.00691	.00765	.00572	.00112	.00067	.00716
29	.00029	.00063	.00031	.00044	.00058	.00091	.00068	.00040	.00049	.00042	.00001	.00020	.00082	.00011	.00018	.00017	.00033	.00006	.00007	.00079	.00040	.00080
30	.00267	.00496	.00159	.00119	.00390	.00145	.00249	.00006	.00032	.00067	0	.00090	.00498	.00285	.00577	.00477	.00044	.00068	.00001	.00379	.00081	.00755
31	.00528	.00633	.00444	.00397	.00381	.00439	.00321	.00500	.00660	.00370	.00900	.00148	.00285	.00310	.00128	.00190	.00123	.00159	.00137	.00203	.00238	.00432
32	.00137	.00653	.00009	.00487	.00222	.01501	.01354	.00380	.01231	.00411	.00178	.01061	.01153	.00722	.02385	.01629	.00960	.00664	.04595	.02758	.00620	.00878
33	.00013	.00012	.00009	.00014	.00104	.00013	.00010	.00007	.00121	.00025	.00039	.00010	.00014	.00011	.00024	.00016	.00015	.00005	.00007	.00028	0	.00043
34	.00001	.00028	.00008	.00001	.00001	.00001	.00001	.00006	.00001	.00001	.00128	.00003	.00001	.00002	.00126	.00001	.00001	.00002	.00001	(*)	.00001	.00001
35	.00272	.00101	.00025	.00053	.00011	.00008	.00039	.00014	.00005	.00005	.00005	.00025	.00276	.00088	.00188	.02595	.00452	.02181	.00064	.01001	.00013	.00503
36	.00021	.00778	.00697	.00651	.00540	.00578	.00474	.00780	.00481	.00819	.01724	.00264	.00593	.00778	.00779	.00686	.00314	.00694	.00028	.00271	.00374	.00832
37	.28537	.18912	.19275	.10147	.14299	.15895	.10716	.07549	.03821	.10647	.07914	.02183	.06884	.05731	.07644	.06742	.00921	.02037	.02870	.05543	.03179	.11697
38	.07282	.06477	.06675	.03275	.00745	.00715	.01153	.02902	.04428	.02822	.07972	.01846	.05072	.07156	.04249	.05181	.01942	.04451	.10483	.01113	.02822	.01809
39	.00041	.00850	.00072	0	0	.00004	(*)	.00027	.00001	(*)	0	0	.00001	0	(*)	.00001	0	0	0	(*)	0	(*)
40	.02280	.00792	.00871	.00118	.00234	.01474	.01194	.00871	.01074	.01837	.00187	.00002	.02011	.00282	.01373	.00229	.00064	.00045	.00002	.00099	.00061	.04525
41	.01924	.04022	.01964	.02210	.03124	.01038	.01738	.02846	.01242	.01118	.08510	.01087	.03507	.01481	.05352	.02725	.01852	.02329	.02403	.03819	.01925	.00487
42	.03146	.02588	.04180	.00257	.00659	.01397	.03093	.02041	.01641	.01907	.02087	.00588	.02636	.00825	.03108	.01739	.01186	.01349	.00453	.03506	.01027	.02072
43	.00896	.00148	.00107	.00262	.00832	.02588	.01338	.00190	.00049	.01290	.00109	0	.00156	.01571	0	0	0	0	.00116	.00309	.00155	.03005
44	.00174	.00106	.00102	.01360	.03966	.01754	.00458	.00153	.00375	.00213	.00062	.00002	.00044	.00019	.00001	.00038	0	0	.00044	.00102	.00018	.00502
45	.00298	.00027	.00290	.02765	.01224	.05928	.00916	.00490	.00745	.00283	.00312	.00001	.00049	.00110	.00031	.00038	.00017	.00275	.00141	.00438	.00016	.00598
46	.00099	.00027	.00102	.00126	.00829	.00551	.04025	.00234	.00474	.00759	.00037	.00002	.00111	.00039	0	.00001	.00001	0	0	.00021	.00039	.00423
47	.00844	.01135	.02009	.01678	.01715	.01695	.01890	.05424	.02285	.01778	.01792	.00916	.00285	.01152	.00774	.00850	.00457	.00574	.01004	.01065	.01933	.04519
48	.00301	.00061	.00249	.00118	.00372	.00182	.00421	.00332	.00130	.00674	.00923	.00381	.00281	.00113	.00002	.00001	.00083	.00038	.00002	.00024	.00043	.00426
49	.01158	.00070	.00918	.03207	.05474	.05716	.06668	.03231	.05447	.07334	.00947	.00632	.01482	.00673	.01038	.00146	.00135	.00188	.01547	.06554	.01060	.01524
50	.00412	.00373	.00298	.03004	.01429	.00423	.01552	.00606	.00368	.00875	.06884	.00242	.00068	.00173	.00068	.00181	.00092	.00103	.00797	.00625	.00689	.02181
51	.00031	.00062	.00015	0	0	.00033	.00100	.00002	.00130	.00003	.00062	.00139	.00008	.00038	.00001	0	.00116	.00472	.00008	0	.00045	0
52	.00326	.00175	.00138	.00009	.00439	.00065	.00192	.00191	.00474	.00396	.00083	.00001	.05171	.00831	.02901	.00087	.00064	.00081	.00003	.00125	.00063	.02240
53	.01136	.00417	.01352	.01728	.01598	.01138	.04800	.02669	.03809	.05139	.00498	.02282	.06859	.03753	.04158	.03412	.01669	.03317	.02333	.00213	.00385	.02299
54	.00675	.00238	.00139	.00004	.00347	.00016	0	.00191	.00118	0	.00008	(*)	.06351	.00458	.01071	.00030	.00033	.00075	.00057	(*)	.00220	.01302
55	.00280	.00388	.00234	.00065	.00068	.00111	.00277	.00050	.00048	.00107	.00079	.00307	.00648	.01668	.00781	.04005	.01141	.00797	.03687	.00406	.00129	.00343
56	.00012	.00097	.00064	.00009	.00008	.00065	.00010	.00006	.00005	.00167	.00062	.00022	.00288	.01000	.00328	.00218	.06291	.03847	.00450	.00600	.02697	.00150
57	.00009	.00092	.00077	0	0	.00016	.00013	.00009	.00258	.00030	.00008	.04092	.00006	.02722	.00002	.00348	.17288	.06101	.01328	.00077	.00589	.00000
58	.00005	.00028	.00032	.01763	.00745	.00164	.00225	.00009	.00041	.00006	.00189	.00046	.00004	.00220	.00028	.02828	.06022	.00675	.04115	.01501	.00357	.00139
59	.00397	.02639	.00461	.02557	.01531	.01464	.00012	.04701	.00272	.00625	.00339	.00006	.04242	.00155	.00289	.00001	.00017	0	.03907	.20628	.00528	.01322
60	.00149	.00155	.00075	.00094	.00206	.00065	.00182	.00345	.00347	.01686	.00312	.00064	.00643	.05107	.00014	.00081	.00081	0	.00071	.00038	.19180	.00460
61	.00708	.00027	.00078	.00007	.00198	.00156	.00353	.00027	.00315	.00500	.003120	.00044	.00504	.00145	.00001	.00017	0	.00002	.00037	.00022	.03764	
62	.00587	.00186	.00323	.00083	.00128	.00069	.00051	.00069	.00174	.00014	.00130	.00338	.01267	.01304	.03719	.00255	.00051	.00473	.00290	.00426	.01540	.00137
63	.00014	.00050	.00015	.00066	.00007	.00007	.00007	.00014	.00164	.00028	.00017	.00009	.00007	.00086	.00146	.00000	.00235	.00322	.00041	.00004	.00204	.00010
64	.00092	.00505	.00386	.00131	.00699	.00057	.02704	.00244	.00097	.00028	.00032	.00139	.00157	.00045	.00114	.00516	.00169	.00157	.00055	.00084	.00175	.00210
65	.01793	.01535	.01429	.01248	.01568	.01433	.01325	.00908	.01153	.01329	.01002	.00902	.01500	.01196	.01681	.01248	.01169	.01071	.01290	.01971	.00888	.04364
66	.00400	.00236	.00270	.00255	.00201	.00320	.00330	.00900	.00855	.00897	.00673	.00417	.00345	.00406	.00414	.00204	.00033	.00283	.00329	.00902	.00443	.00278
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	.00528	.00393	.00729	.00429	.00532	.00610	.00389	.00608	.00692	.00605	.00778	.00327	.00487	.00679	.00604	.00528	.00287	.00742	.00609	.00461	.00541	.00526
69	.03624	.02966	.03568	.02209	.03887	.03626	.04306	.02929	.03940	.01553	.03154	.04848	.05434	.03119	.01218	.06310	.03555	.05470	.03537	.03192	.01848	.04890
70	.00797	.00795	.00676	.00589	.00694	.00701	.00777	.00774	.00710	.00618	.00822	.00590	.00904	.00452	.00526	.00483	.00342	.00479	.00414	.00400	.00301	.00418
71	.00616	.00535	.00543	.00451	.00512	.00548	.00918	.01735	.00872	.00705	.01469	.00704	.01290	.00769	.00625	.00829	.00602	.02012	.00722	.00269	.00463	.00447
72	.00124	.00140	.00144	.00097	.00102	.00103	.00103	.00156	.00140	.00125	.00163	.00117	.00099	.00126	.00099	.00135	.00104	.00192	.00125	.00054	0	.00153
73	.01135	.00943	.01442	.01148	.02868	.01379	.01482	.01029	.01191	.01187	.01016	.02053	.00900	.01101	.06539	.01320	.02279	.01013	.02116	.02446	.00343	.00855
74	.00025	0	0	.00344	0	0	0	0	0	0	0	0	0	0	0	0	.00432	.06075	0	.00061	.00094	0
75	.00205	.00031	.00288	.00029	.00099	.00085	.00066	.00068	.00149	.00072	.00122	.00036	.00110	.00049	.00018	.00031	.00022	.00002	.00046	.00035	.00013	.00000
76	.00002	.00003	.00003	.00002	.00003	.00003	.00003	.00004	.00004	.00003	.00004	.00003	.00003	.00003	.00002	.00003	.00003	.00004	.00003	.00001	0	.00003
77	.00089	.00098	.00093	.00094	.00096	.00099	.00087	.00098	.00098	.00095	.00103	.00098	.00083	.00090	.00100	.00102	.00100	.00103	.00094	.00096	.00090	.00104
78	.00101	.00102	.00097	.00083	.00184	.00078	.00122	.00078	.00094	.00101	.00129	.00152	.00106	.00245	.00209	.00149	.00238	.00329	.00225	.00155	.00094	.00070
79	.00022	.00027	.00023	.00015	.00030	.00015	.00008	.00011	.00018	.00010	.00018	.00019	.00016	.00017	.00019	.00018	.00010	.00018	.00022	.00018	.00016	.00023
80	.00204	.00588	.01271	.00269	.04836	.00019	.01140	.01195	.01807	.04205	.00004	.01699	.00186	.01060	.04031	.00409	.00969	.00272	.01138	.02318	.00392	.01208
81	.00900	.01006	.01073	.01401	.00333	.01063	.01282	.01169	.01370	.01320	.01096	.02316	.01040	.02077	.00900	.01256	.01802	.02021	.01848	.00429	.00409	.01017
82	.00052	.00073	.00079	.00071	.00078	.00070	.00001	.00083	.00098	.00094	.00077	.00139	.00074	.00123	.00057	.00075	.00106	.00119	.00079	.00037	.00077	.00055
A.	+.00027	-.03329	-.05194	+.00895	-.00104	-.00258	-.00907	-.00258	-.01089	-.04232	-.02027	-.00771	-.00489	-.00142	+.00016	+.00065	-.01268	0	-.00419	-.00625	-.00171	+.00320
V.A.	.36332	.43937	.42532	.42258	.36515	.44180	.38648	.60657	.43903	.42490	.53063	.56804	.34132	.49292	.37258	.46647	.44323	.49694	.42149	.29036	.47084	.38937
T.	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

*Less than .000005.

[1] To prevent requirements for scrap and by-products from generating production, scrap and by-products have been treated as inputs to the producing industry rather than to the consuming industry. As a result of this treatment, the sum of the coefficient is increased in the

Table 2.—Direct Requirements Per Dollar of Gross Output, 1958—Continued

(Producer's prices)

Scientific & controlling instruments	Optical, ophthalmic & photographic equipment	Miscellaneous manufacturing	Transportation & warehousing	Communication, except radio & T.V. broadcasting	Radio & T.V. broadcasting	Electric, gas, water & sanitary services	Wholesale & retail trade	Finance & insurance	Real estate & rental	Hotels, personal & repair services exc. auto.	Business services	Research & development	Automobile repair & services	Amusements	Medical, educational services & nonprofit org.	Federal government enterprises	State & local government enterprises	Gross imports of goods & services	Business travel, entertainment & gifts	Office supplies	Industry number
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	
0	0	0	0.00008	0	0	0	0	0	0.01441	0	0	0	0	0.00193	0.00020	0.00042	0	0	0.00414	0	1
.00120	0	.00132	.00101	0	0	0	0	0	.02188	0	0	0	0	0	.00023	.15143	0	0	.00997	0	2
0	0	.00052	.00004	0	0	0	0	0	.00002	0	0	0	0	0	0	0	0	0	.00232	0	3
0	0	0	0	0	0	0	.00161	0	.00009	0	0	0	0	.00855	0	0	.00012	0	0	0	4
0	0	0	0	0	0	0	0	0	.00008	0	0	0	0	0	0	.00043	0	0	0	0	5
.00051	0	0	0	0	0	.00014	(*)	0	.00008	0	0	0	0	0	0	0	0	0	0	0	6
0	.00162	.00014	.00078	0	0	.02589	.00004	.00023	.00017	0	.00123	0	.00132	0	.00001	.02140	.01657	0	0	0	7
0	0	0	0	0	0	.06737	(*)	0	.00195	0	0	.00009	0	0	0	0	.00417	0	0	0	8
.00003	0	.00007	.00004	0	0	.00004	.00004	0	.00013	0	0	0	0	0	0	.00010	0	0	0	0	9
0	0	.00001	.00003	0	0	(*)	(*)	0	.00002	0	0	0	0	0	0	0	0	0	0	0	10
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
.00015	.00032	.00280	.03600	.03153	.00517	.02715	.05614	.00452	.03529	.00258	.00090	0	.01263	.02242	.00997	.00345	.24917	0	0	0	12
.02329	.00124	.00009	0	0	0	.00001	.00009	0	.00006	0	0	.19922	0	0	0	0	(*)	0	.00069	0	13
.00320	0	.00141	.00293	0	0	.00002	.00656	0	.00101	.00108	0	.00075	0	0	.00747	.06319	.00011	0	.20923	0	14
0	0	.00011	0	0	0	.00001	.00003	0	.00003	0	0	0	0	0	.00001	0	0	0	.02149	0	15
.00764	.00051	.01767	.00020	.00007	0	.00002	.00010	0	.00026	.01028	0	.00019	0	0	.00011	0	0	0	0	0	16
.00174	.00030	.00632	.00048	.00038	.00113	(*)	.00025	.00090	.00009	.00191	.00057	.00061	.00205	.00057	.00100	0	.00046	0	0	0	17
.00289	.00033	.00155	.00013	0	0	0	.00055	.00001	.00042	.00794	.00015	.00027	.00014	0	.00168	0	.00038	0	.00098	0	18
.00035	0	.00123	.00044	.00055	.00156	0	.00041	.00118	.00009	.01066	.00059	.00048	.00232	.00097	.00151	.00040	0	0	0	0	19
.00075	.00007	.01785	.00037	.00002	0	.00013	.00061	0	.00038	.00041	0	0	0	0	.00014	0	.00001	0	.00025	0	20
.00029	0	.00034	.00061	0	0	0	.00006	0	.00003	0	0	0	0	0	0	0	0	0	0	0	21
.00061	0	.00022	0	0	0	(*)	.00013	0	.00005	.00091	0	0	0	0	0	0	0	0	0	0	22
.00380	(*)	.00280	0	0	0	0	.00014	0	.00002	.00028	0	0	0	0	0	0	0	0	0	0	23
.00484	.00145	.02117	.00098	0	.00525	.00980	.00482	.00384	.00017	.01190	.00269	.00127	.00041	.00060	.00373	.00600	.00040	0	.00047	.24155	24
.00767	.00049	.03578	.00025	0	.00128	.00002	.00370	.00092	.00015	.00250	.00033	.00030	.00012	.00014	.00089	.00158	0	0	0	0	25
.00064	.00034	.00507	.00221	.01184	.00630	.00025	.00247	.01487	.00092	.00153	.22331	.00009	.00129	.00163	.01420	.00022	.00251	0	.00004	.57734	26
.00206	.00369	.00603	.00104	.00003	0	.00048	.00108	0	.00123	.00806	.00056	.01573	.00001	0	.00020	0	.00497	0	0	.00702	27
.00236	.00067	.02180	(*)	0	0	.00010	.00004	0	.00017	0	0	.00150	0	0	0	0	.00001	0	0	0	28
.00104	.00007	.00258	.00034	.00018	.00003	.00003	.00123	.00042	.00043	.01454	.00114	.00485	.00118	.00047	.00591	0	.00060	0	.00477	0	29
.00063	.00019	.00709	.00117	0	0	(*)	.00024	0	.00017	.00001	0	0	.00773	0	0	0	.00002	0	0	0	30
.00129	.00255	.00502	.04460	.00178	.00130	.01206	.00766	.00343	.00688	.01181	.00444	.00358	.00844	.00868	.00509	.00150	.00544	0	0	0	31
.01147	.00707	.03408	.00754	.00067	.00035	.00042	.00249	.00281	.00071	.00568	.00208	.00846	.03236	.00031	.00283	.00026	.00114	0	.00028	.00616	32
.00072	.00067	.00603	.00010	0	0	(*)	.00002	0	.00001	0	0	0	0	0	0	0	0	0	0	0	33
.00067	.00047	.00588	.00001	.00003	.00003	.00001	.00019	.00004	.00007	.00060	.00002	0	.00001	.00174	.00011	.00018	0	0	.00881	0	34
.00313	.01006	.00493	.00018	0	0	0	.00111	0	.00009	.00026	0	.00019	.01226	0	.00028	0	0	0	.00033	.00045	35
.00242	.01817	.00228	.00011	0	0	.00118	.00129	0	.00032	.00425	.00001	0	.00496	0	(*)	.00287	.00013	0	.00029	0	36
.01867	.00570	.02629	.00111	0	0	.00111	.00006	0	.00033	0	0	.00094	0	0	0	0	.00047	0	0	.00176	37
.00371	.02852	.04469	.00143	.00248	0	.00042	.00016	0	.00018	.00032	.00064	.00243	0	0	0	0	0	0	0	0	38
.00934	0	0	0	0	0	0	.00096	0	.00004	0	0	.00049	0	0	0	0	0	0	0	0	39
.00134	0	.00038	.00002	0	0	0	.00002	0	.00015	0	0	.00251	0	0	0	0	0	0	0	0	40
.01735	.00684	.01288	.00045	0	0	0	.00046	0	.00008	0	0	.00046	0	0	.06689	0	0	0	0	0	41
.01592	.00971	.01668	.00120	.00061	0	.00779	.00066	0	.00011	.00229	.00008	.00387	.01438	0	.00003	.00072	.00449	0	.00004	.00807	42
.00061	0	.00001	.00238	0	0	.00029	.00012	0	.00007	0	.00419	.00909	0	0	0	0	0	0	0	0	43
.00035	0	.00031	0	0	0	.00001	.00010	0	.00010	0	.00555	.00225	0	0	0	0	0	0	0	0	44
.00061	.00023	.00001	0	0	0	0	.00029	0	.00012	0	.00078	.00071	0	0	0	0	0	0	0	0	45
(*)	0	.00001	.00041	0	0	0	.00014	0	.00007	0	0	.00056	0	0	0	0	0	0	0	0	46
.01190	.00420	.00075	.00069	.00001	0	.00011	.00015	0	.00055	0	.00075	.01928	.00012	0	0	0	0	0	0	0	47
.00169	.00124	.00038	0	0	0	0	.00029	0	.00018	.00025	0	.00067	0	0	0	0	0	0	0	0	48
.00565	0	.00098	.00042	0	0	0	.00031	0	.00014	0	0	.00056	0	0	0	0	0	0	0	0	49
.00723	.00063	.00216	.00020	0	0	0	.00023	0	.00014	0	.00002	.00041	.01326	0	.00001	.00018	.00022	0	0	0	50
.01271	.00049	.00262	.00037	0	0	.00039	.00045	.00018	.00013	0	.01945	.00225	0	0	.00013	0	0	0	0	.00475	51
.00158	0	.00028	.00006	0	0	0	.00037	0	.00021	.00328	.00052	.00197	0	0	0	0	0	0	0	0	52
.05316	.01270	.00556	.00090	.00004	0	.00049	.00025	0	.00011	.00054	(*)	.03165	.00077	0	0	0	0	0	0	0	53
.00083	0	.00198	0	0	0	0	.00025	0	.00017	.00069	0	.02909	0	0	0	0	0	0	.00374	0	54
.00323	.00372	.00297	.00021	0	0	.00013	.00079	0	.00006	.00061	(*)	.01348	.00419	0	(*)	.00006	.00006	0	0	0	55
.01041	.00432	.00242	.00052	.01244	.02265	.00019	.00067	0	.00018	.00062	0	.06988	0	0	.00048	0	0	0	.00553	0	56
.02812	.00013	.00192	.00073	.00057	0	0	.00030	0	.00022	.01012	0	.03641	0	0	0	0	0	0	0	0	57
.00369	.00341	.00018	.00214	.00048	0	.00002	.00053	.00007	.00006	.00030	.00019	.00431	.01480	0	.00051	.00012	.00020	0	0	0	58
.01472	0	.00108	.00258	0	0	.00004	.00213	0	.00030	0	.00021	.03446	.14297	0	.00008	.00228	.00257	0	0	0	59
.01581	.00008	.00074	.00479	0	0	(*)	.00071	0	.00021	0	0	.28906	0	0	0	0	0	0	0	0	60
.00138	.00049	.00198	.00388	.00051	0	.00006	.00012	.00036	.00011	.00074	.00075	.00107	.00120	.00017	.00036	0	0	0	0	0	61
.06706	.01348	.00127	.00976	.00001	0	0	.00041	0	.00012	.00676	0	.02032	.00208	0	.01144	0	0	0	.00106	0	62
.00641	.06332	.00001	(*)	(*)	0	.00001	.00028	0	.00008	.00468	.00785	.00585	0	.00439	.00319	0	0	0	.00180	.00785	63
.00638	.00165	.05736	.00441	.00097	.00579	.00031	.00116	.00085	.00028	.02121	.02012	.00185	.00023	.01644	.00141	0	.00007	0	.00632	.14933	64
.01042	.01540	.01581	.06871	.00177	.00156	.01833	.00416	.00888	.00628	.00740	.00961	.00008	.00969	.00401	.00628	.17517	.01455	0	.388976	0	65
.00432	.00285	.00526	.00796	.00523	.00969	.00230	.01063	.01555	.00358	.00630	.02564	.00037	.00698	.00653	.00639	.00276	.00523	0	0	0	66
0	0	0	0	0	.02268	0	0	0	.00023	0	.00223	0	0	0	0	0	0	0	0	0	67
.00373	.00484	.00475	.00431	.00613	.00405	.10882	.03012	.00473	.00402	.01930	.01007	0	.01912	.00753	.01840	.01773	.07865	0	0	0	68
.04592	.04076	.00258	.03943	.00627	.01177	.01183	.01664	.00966	.01735	.01269	.01726	.00218	.08480	.01254	.01830	.01609	.00880	0	.05411	0	69
.00519	.00672	.00838	.02067	.00588	.00612	.00545	.01639	.30355	.03234	.01624	.01202	.00004	.02618	.02307	.01168	.00124	.00941	0	0	0	70
.00972	.01261	.01624	.02690	.01641	.05034	.00275	.03308	.07777	.02047	.04542	.05668	.00316	.03049	.05079	.06868	.00991	.01487	0	0	0	71
.00130	.00120	.00173	0	0	0	0	.00296	0	.00422	.02008	.00497	0	0	0	.00488	0	.00155	0	.14137	0	72
.01440	.06514	.02294	.01459	.01753	.04018	.01110	.04963	.06871	.05065	.02589	.02243	.00375	.01945	.03702	.02522	.01355	.01438	0	0	0	73
0	.00124	0	0	0	0	0	0	0	0	0	0	0	0	0	.00176	.00032	0	0	0	0	74
.00024	.00066	.00141	.02405	.00103	.00100	.00122	.00867	.00814	.00185	.00449	.00680	0	.01583	0	.00215	.00866	.00101	0	0	0	75
.00003	.00003	.00004	.00072	.00031	.19413	0	.00100	.00019	.00158	0	.00135	.00094	0	.23640	.00367	0	0	0	.01789	0	76
.00095	.00099	.00102	.00022	.00093	.00097	.00081	.00109	.00530	.00061	.00096	.00015	.10088	.00074	.00097	.01304	0	.00005	0	.00561	0	77
.00111	.00204	.00173	.01169	.00414	.00059	.01936	.01029	.01233	.03488	.00068	.02888	0	.00045	.00086	.00070	.00154	.00068	0	0	0	78
.00014	.00010	.00023	.02164	.00041	.00009	.12684	.00376	.00285	.00672	.00153	.00030	0	.00273	.00022	.00054	.00021	.00010	0	0	0	79
.02113	.03855	.05297	.03990	.00580	0	.00177	.00022	.00450	0	0	0	0	0	.01861	.00022	.04289	0	0	.02420	0	80
.02225	.00468	.01227	.00427	.00467	.01078	.00296	.01680	.01388	.00091	.01347	.00875	.00311	.00370	.04522	.01055	.00680	.00311	0	0	0	81
.00138	.00060	.00108	.00126	.00360	.00111	.00081	.00225	.00515	.00044	.00159	.01009	0	.00040	.00121	.00384	.00508	.00602	0	0	0	82
−.01121	−.00041	−.00393	−.00192	0	0	+.00157	+.00110	0	0	+.00379	0	0	+.00918	0	(*)	(*)	0	0	0	0	A.
.45476	.52011	.48136	.60378	.35163	.57268	.48866	.72448	.56048	.72225	.60812	.45867	.97681	.48130	.52166	.68106	.43662	.54430	0	0	0	V.A.
1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0	1.00000	1.00000	T.

industries producing the scrap or by-products and reduced in the consuming industries. The entries in this row are the offsetting adjustments necessary to restore the industry sum to unity.

NOTE.—Detail may not add to total due to rounding.

SOURCE: U.S. Department of Commerce, Office of Business Economics.

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Table 3.—Total Requirements (Direct and Indirect) Per Dollar of Delivery to Final Demand, 1958

(Producers' prices)

Each entry represents the output required, directly and indirectly, from the industry named at the beginning of the row for each dollar of delivery to final demand by the industry named at the head of the column	Livestock & livestock products	Other agricultural products	Forestry & fishery products	Agricultural, forestry & fishery services	Iron & ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum & natural gas	Stone & clay mining & quarrying	Chemical & fertilizer mineral mining	New construction	Maintenance & repair construction	Ordnance & accessories	Food & kindred products	Tobacco manufactures	Broad & narrow fabrics, yarn & thread mills
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Livestock & Livestock Products	1.25300	0.10846	0.00107	0.21979	0.00328	0.00318	0.00284	0.00462	0.00200	0.00322	0.00543	0.00341	0.00543	0.09648	0.02890	0.04310
2. Other Agricultural Products	.26083	1.07290	.15296	.48224	.00422	.00309	.00281	.00580	.00348	.00346	.01292	.00436	.00228	.20724	.24835	.19112
3. Forestry & Fishery Products	.00116	.00071	1.01169	.00052	.00091	.00048	.00139	.00029	.00040	.00043	.00268	.00267	.00071	.00606	.00072	.00079
4. Agricultural, Forestry & Fishery Services	.03769	.04295	.01974	1.02145	.00031	.00051	.00032	.00036	.00029	.00028	.00101	.00048	.00043	.01542	.00994	.00834
5. Iron & Ferroalloy Ores Mining	.00049	.00094	.00032	.00058	1.05668	.01898	.00226	.00053	.00277	.00333	.00876	.00322	.00425	.00148	.00062	.00134
6. Nonferrous Metal Ores Mining	.00060	.00097	.00044	.00056	.04203	1.21532	.00200	.00056	.00181	.00221	.00538	.00396	.01123	.00034	.00070	.00137
7. Coal Mining	.00186	.00200	.00193	.00128	.00727	.00616	1.20977	.00116	.00603	.00546	.03639	.00876	.00404	.00340	.00194	.00057
8. Crude Petroleum & Natural Gas	.01470	.03034	.01453	.01458	.01192	.01343	.03370	1.02948	.02277	.01802	.01882	.01850	.00792	.01457	.00940	.01707
9. Stone & Clay Mining & Quarrying	.00175	.00490	.00091	.00179	.00080	.00129	.00143	.00044	1.01274	.01835	.01016	.01115	.00138	.00137	.00123	.00148
10. Chemical & Fertilizer Mineral Mining	.00146	.00271	.00082	.00159	.00070	.00295	.00103	.00039	.00152	1.00369	.00127	.00121	.00072	.00136	.00139	.00183
11. New Construction	0	0	0	0	0	0	0	0	0	0	1.00000	0	0	0	0	0
12. Maintenance & Repair Construction	.02857	.03277	.01264	.01012	.04603	.01316	.01009	.01791	.01156	.01340	.01193	1.00500	.01090	.02298	.01125	.01870
13. Ordnance & Accessories	.00013	.00017	.00012	.00010	.00018	.00019	.00017	.00012	.00018	.00019	.00060	.00027	1.03466	.00050	.00043	.00027
14. Food & Kindred Products	.17832	.21871	.03842	.03862	.05462	.00587	.00532	.00499	.00578	.00783	.00964	.00772	.01390	1.28118	.01717	.01296
15. Tobacco Manufactures	.00018	.00018	.00016	.00014	.00021	.00027	.00026	.00026	.00028	.00039	.00042	.00025	.00085	.00023	1.23632	.00037
16. Broad & Narrow Fabrics, Yarn & Thread Mills	.00249	.00383	.00411	.00408	.00110	.00377	.00283	.00091	.00944	.00192	.00351	.00178	.00470	.00421	.00228	1.54817
17. Miscellaneous Textile Goods & Floor Coverings	.00198	.00303	.01040	.00992	.00051	.00084	.00132	.00061	.00206	.00098	.00200	.00108	.00338	.00157	.00130	.04097
18. Apparel	.00041	.00037	.00033	.00038	.00028	.00037	.00040	.00025	.00043	.00038	.00091	.00053	.00207	.00134	.00029	.00286
19. Miscellaneous Fabricated Textile Products	.00166	.00228	.00076	.00116	.00028	.00041	.00038	.00025	.00043	.00042	.00070	.00045	.00068	.00302	.00069	.00843
20. Lumber & Wood Products, Except Containers	.00380	.00437	.00371	.00318	.00683	.00370	.01383	.00237	.00327	.00310	.00398	.03780	.00568	.00809	.00621	.01524
21. Wooden Containers	.00205	.00428	.00388	.00214	.00018	.00019	.00019	.00013	.00127	.00018	.00091	.00049	.00135	.00320	.00327	.00118
22. Household Furniture	.00008	.00011	.00019	.00009	.00012	.00008	.00019	.00007	.00008	.00028	.00627	.00030	.00143	.00014	.00008	.00025
23. Other Furniture & Fixtures	.00008	.00009	.00012	.00006	.00006	.00005	.00009	.00005	.00007	.00008	.00437	.00117	.00070	.00009	.00008	.00010
24. Paper & Allied Products, Except Containers	.03897	.03851	.02057	.00939	.00381	.00617	.00904	.00454	.01948	.01299	.02430	.01434	.01498	.02934	.03548	.02843
25. Paperboard Containers & Boxes	.00510	.00266	.00928	.00623	.00101	.00161	.00343	.00101	.00465	.00278	.00578	.00418	.00794	.02188	.01785	.01733
26. Printing & Publishing	.01128	.01651	.02619	.00940	.00596	.00774	.00696	.01285	.00869	.00745	.02374	.00773	.01440	.02062	.02507	.01542
27. Chemicals & Selected Chemical Products	.02017	.02268	.01665	.03231	.01674	.05417	.03053	.00859	.02440	.04880	.02947	.03238	.01760	.02704	.03296	.11072
28. Plastics & Synthetic Materials	.00278	.00481	.00477	.00411	.00168	.00634	.00409	.00184	.00608	.00337	.00740	.01076	.00984	.00884	.02541	.14700
29. Drugs, Cleaning & Toilet Preparations	.00328	.00198	.00112	.00138	.00082	.00158	.00111	.00069	.00171	.00156	.00248	.00223	.00345	.00621	.00308	.00765
30. Paints & Allied Products	.00201	.00296	.00241	.00138	.00135	.00148	.00156	.00168	.00123	.00137	.00634	.03351	.00376	.00239	.00138	.00921
31. Petroleum Refining & Related Industries	.02561	.05458	.02826	.02594	.01938	.01282	.02083	.01060	.03523	.02226	.03451	.03321	.01248	.03488	.01741	.02777
32. Rubber & Miscellaneous Plastics Products	.00064	.01079	.00995	.00880	.00348	.00678	.01359	.00479	.02321	.00906	.01355	.00634	.03345	.00885	.00687	.01003
33. Leather Tanning & Industrial Leather Products	.00009	.00012	.00008	.00007	.00008	.00007	.00009	.00005	.00011	.00009	.00019	.00011	.00032	.00012	.00012	.00048
34. Footwear & Other Leather Products	.00020	.00029	.00014	.00015	.00007	.00010	.00012	.00009	.00013	.00012	.00021	.00014	.00048	.00020	.00014	.00027
35. Glass & Glass Products	.00257	.00095	.00069	.00086	.00049	.00058	.00088	.00150	.00076	.00093	.00407	.00323	.00341	.01332	.00065	.00467
36. Stone & Clay Products	.00370	.00410	.00170	.00219	.00308	.00952	.00583	.00196	.07437	.00429	.00584	.04149	.01124	.00325	.00174	.00311
37. Primary Iron & Steel Manufacturing	.00892	.00931	.00723	.00684	.03309	.07472	.03567	.00789	.03926	.04069	.11059	.05043	.07045	.02468	.00589	.00964
38. Primary Nonferrous Metals Manufacturing	.00388	.00512	.00335	.00547	.00684	.01336	.01771	.00478	.00785	.01110	.04934	.03704	.11322	.00621	.00808	.00706
39. Metal Containers	.00593	.00223	.00149	.00176	.00048	.00077	.00066	.00038	.00071	.00080	.00115	.00328	.00091	.02079	.00279	.00218
40. Heating, Plumbing & Structural Metal Products	.00157	.00314	.00142	.00130	.00924	.00222	.00272	.00204	.00227	.00197	.10384	.05471	.00481	.00182	.00385	.00152
41. Stampings, Screw Machine Products & Bolts	.00266	.00151	.00107	.00120	.00169	.00261	.00967	.00157	.00275	.00281	.00886	.00502	.02045	.00662	.00109	.00181
42. Other Fabricated Metal Products	.00465	.00605	.00318	.00834	.00658	.00643	.01082	.00859	.00614	.00497	.02989	.00978	.02489	.00592	.00429	.00590
43. Engines & Turbines	.00063	.00105	.00138	.00054	.00174	.00202	.00219	.00229	.00235	.00211	.00204	.00092	.00382	.00030	.00065	.00070
44. Farm Machinery & Equipment	.00365	.00840	.00203	.00403	.00067	.00189	.00123	.00049	.00137	.00090	.00127	.00048	.00192	.00222	.00260	.00204
45. Construction, Mining & Oil Field Machinery	.00051	.00090	.00041	.00096	.02325	.02939	.04749	.00458	.05179	.03155	.00621	.00274	.00217	.00061	.00043	.00096
46. Materials Handling Machinery & Equipment	.00014	.00022	.00016	.00012	.00034	.00052	.00551	.00019	.01528	.00662	.01573	.00091	.00067	.00017	.00011	.00028
47. Metalworking Machinery & Equipment	.00062	.00098	.00072	.00074	.00144	.00270	.00697	.00100	.00293	.00192	.00434	.00211	.02419	.00179	.00077	.00173
48. Special Industry Machinery & Equipment	.00056	.00108	.00061	.00056	.00047	.00097	.00382	.00128	.00068	.00069	.00160	.00101	.00316	.00075	.00075	.01126
49. General Industrial Machinery & Equipment	.00096	.00147	.00093	.00080	.00252	.00534	.00635	.00006	.00688	.00610	.01003	.00340	.01476	.00121	.00073	.00153
50. Machine Shop Products	.00067	.00079	.00047	.00046	.00084	.00132	.00140	.00065	.00176	.00129	.00272	.00134	.00879	.00068	.00044	.00074
51. Office, Computing & Accounting Machines	.00020	.00129	.00304	.00070	.00044	.00057	.00053	.00101	.00069	.00068	.00194	.00062	.00257	.00133	.00173	.00108
52. Service Industry Machines	.00028	.00039	.00048	.00023	.00024	.00029	.00036	.00038	.00038	.00029	.00389	.00232	.00328	.00040	.00036	.00038
53. Electric Industrial Equipment & Apparatus	.00026	.00116	.00136	.00069	.00030	.00066	.00031	.00040	.00300	.00781	.01432	.00788	.00299	.00130	.00071	.00131
54. Household Appliances	.00028	.00033	.00027	.00021	.00023	.00025	.00030	.00024	.00026	.00028	.00443	.00453	.00182	.00039	.00019	.00034
55. Electric Lighting & Wiring Equipment	.00064	.00068	.00050	.00047	.00083	.00112	.00259	.00051	.00099	.00070	.01783	.00371	.01596	.00111	.00051	.00103
56. Radio, Television & Communication Equipment	.00048	.00056	.00054	.00039	.00169	.00056	.00053	.00050	.00058	.00061	.00195	.00202	.04814	.00065	.00043	.00082
57. Electronic Components & Accessories	.00034	.00041	.00039	.00027	.00064	.00057	.00049	.00160	.00055	.00064	.00162	.00161	.01418	.00048	.00033	.00060
58. Misc. Electrical Machinery, Equipment & Supplies	.00121	.00162	.00090	.00077	.00079	.00072	.00074	.00047	.00090	.00076	.00183	.00114	.00331	.00102	.00066	.00071
59. Motor Vehicles & Equipment	.00487	.00458	.00703	.00289	.00315	.00388	.00689	.00289	.00843	.00620	.00588	.00285	.01484	.00450	.00198	.00276
60. Aircraft & Parts	.00063	.00069	.00059	.00043	.00103	.00088	.00076	.00067	.00098	.00103	.00174	.00091	.29660	.00109	.00061	.00124
61. Other Transportation Equipment	.00072	.00070	.01563	.00049	.00348	.00112	.00623	.00063	.00119	.00175	.00241	.00120	.00351	.00115	.00053	.00097
62. Scientific & Controlling Instruments	.00049	.00041	.00032	.00029	.00061	.00094	.00061	.00047	.00091	.00077	.00619	.00225	.03135	.00055	.00030	.00064
63. Optical, Ophthalmic & Photographic Equipment	.00046	.00067	.00095	.00031	.00032	.00043	.00035	.00052	.00047	.00043	.00104	.00041	.00229	.00074	.00037	.00106
64. Miscellaneous Manufacturing	.00144	.00173	.00376	.00147	.00102	.00123	.00316	.00126	.00227	.00171	.00509	.00458	.00510	.00264	.00319	.00497
65. Transportation & Warehousing	.05158	.02453	.03500	.03095	.11619	.06489	.02649	.03674	.04017	.09243	.07792	.04394	.04974	.05428	.03608	.07187
66. Communications; Except Radio & T.V. Broadcasting	.00799	.00831	.00812	.00891	.00467	.00545	.00403	.00362	.00540	.00537	.01002	.00528	.01160	.00966	.00665	.00865
67. Radio & T.V. Broadcasting	.00199	.00330	.00560	.00178	.00097	.00121	.00109	.00287	.00142	.00120	.00462	.00122	.00190	.00344	.00470	.00247
68. Electric, Gas, Water & Sanitary Services	.01673	.01939	.00966	.01134	.02472	.04287	.04218	.01342	.04029	.05387	.02866	.04428	.02084	.02181	.04048	.03517
69. Wholesale & Retail Trade	.06123	.06831	.04176	.04216	.03469	.06065	.05789	.02313	.05800	.04620	.12501	.10548	.00984	.06960	.04223	.08873
70. Finance & Insurance	.02590	.02892	.03735	.01083	.01701	.02872	.02249	.02278	.02201	.04712	.02708	.01380	.02008	.02385	.01444	.02729
71. Real Estate & Rental	.03834	.10302	.05810	.05743	.08109	.03010	.02908	.14267	.04053	.02553	.03144	.01911	.02420	.04464	.08350	.04168
72. Hotels; Personal & Repair Services, Exc. Auto	.00139	.00219	.00190	.00141	.00283	.00325	.00245	.02246	.00339	.00372	.00413	.00233	.00691	.00367	.00241	.00566
73. Business Services	.03140	.03249	.08858	.02833	.01631	.01924	.01754	.04230	.02297	.01847	.07392	.01950	.00037	.05490	.07615	.03942
74. Research & Development	.00013	.00022	.00009	.00011	.00010	.00022	.00015	.00006	.00015	.00018	.00027	.00021	.00061	.00024	.00017	.00098
75. Automobile Repair & Services	.00724	.00524	.00294	.00391	.00381	.00283	.00238	.00338	.00272	.00338	.01062	.00453	.00296	.01070	.00315	.00509
76. Amusements	.00105	.00148	.00195	.00085	.00083	.00087	.00075	.00136	.00080	.00004	.00204	.00061	.00180	.00163	.00168	.00140
77. Medical, Educational Services & Non-Profit Organizations	.00796	.00193	.00186	.00202	.00135	.00176	.00189	.00142	.00174	.00169	.00256	.00146	.00208	.00434	.00398	.00208
78. Federal Government Enterprises	.00339	.00415	.00485	.00309	.00298	.00394	.00401	.00390	.00380	.00400	.00549	.00284	.00400	.00472	.00428	.00593
79. State & Local Government Enterprises	.00423	.00444	.00270	.00262	.00654	.00791	.00683	.00415	.00797	.01093	.00624	.00380	.00461	.00501	.00872	.00728
80. Gross Imports of Goods & Services	.03495	.03949	.21080	.02218	.32064	.24310	.01288	.08568	.07829	.12270	.03111	.01892	.03070	.07370	.02163	.08444
81. Business Travel, Entertainment & Gifts	.00662	.00690	.00586	.00493	.00777	.01000	.00061	.00943	.01060	.01453	.01546	.00921	.03172	.01294	.00477	.01387
82. Office Supplies	.00174	.00137	.00101	.00090	.00092	.00113	.00108	.00128	.00128	.00135	.00224	.00110	.00264	.00195	.00149	.00264
T. TOTAL	2.41749	1.97081	2.06812	2.16584	1.96014	2.10570	1.90190	1.09545	1.79382	1.83209	2.34280	1.90781	2.40194	2.60011	2.05332	2.78686

Table 3.—Total Requirements (Direct and Indirect) Per Dollar of Delivery to Final Demand, 1958—Continued

(Producers' prices)

Miscellaneous textile goods & floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber & wood products, except containers	Wooden containers	Household furniture	Other furniture & fixtures	Paper & allied products, except containers	Paperboard containers & boxes	Printing & publishing	Chemicals & selected chemical products	Plastics & synthetic materials	Drugs, cleaning, & toilet preparations	Paints & allied products	Petroleum refining & related industries	Rubber & miscellaneous plastics products	Leather tanning & industrial leather products	Footwear & other leather products	Glass & glass products	Stone & clay products	Primary iron & steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Industry number
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
0.04274	0.01849	0.02628	0.01016	0.00989	0.01258	0.00628	0.00806	0.00573	0.00744	0.01074	0.00765	0.01832	0.019200	0.00445	0.00812	0.00426	0.00584	0.00395	0.00444	0.00318	0.00320	0.00846	1
.05467	.07038	.00780	.00047	.02592	.02531	.00994	.01146	.00746	.00833	.01022	.00778	.01314	.01338	.00549	.01250	.00479	.01171	.00530	.00556	.00367	.00393	.00386	2
.00090	.01258	.00146	.12238	.05126	.01743	.00920	.01090	.00578	.00254	.00263	.00176	.01333	.00147	.00044	.00102	.00381	.00221	.00320	.00106	.00069	.00061	.00069	3
.00362	.00328	.03437	.00688	.00244	.00173	.00069	.00094	.00063	.00082	.00073	.00056	.00006	.00102	.00037	.00077	.00038	.00060	.00043	.00041	.00033	.00024	.00036	4
.00106	.00066	.00006	.00086	.00285	.00376	.00905	.00105	.00063	.00063	.00799	.00319	.00228	.00482	.00150	.00164	.00092	.00062	.00094	.00276	.07549	.06767	.03432	5
.00134	.00037	.00116	.00107	.00108	.00269	.00421	.00136	.00094	.00097	.01069	.00420	.00222	.00368	.00101	.00306	.00116	.00068	.00136	.00219	.00775	.15950	.00538	6
.00534	.00328	.00460	.00245	.00383	.00502	.00689	.01351	.00736	.00392	.01140	.01239	.00468	.00691	.00318	.00616	.00551	.00291	.00569	.01816	.04470	.00652	.02151	7
.01326	.00885	.01235	.01618	.01372	.00990	.00880	.01774	.01500	.00819	.04908	.02954	.01757	.02449	.07636	.01289	.01001	.00682	.01164	.01901	.01506	.01103	.01190	8
.00109	.00074	.00110	.00121	.00108	.00142	.00192	.00647	.00278	.00140	.00387	.00214	.00215	.00287	.00430	.00220	.00128	.00090	.01455	.07587	.00583	.00189	.00316	9
.00365	.00184	.00249	.00114	.00064	.00128	.00094	.00417	.00218	.00164	.03924	.01443	.00578	.01116	.03152	.00677	.00462	.00183	.00240	.00537	.00149	.00166	.00113	10
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
.01287	.01154	.01407	.01496	.01296	.01193	.01094	.01675	.01828	.01675	.01328	.01712	.01072	.01396	.01835	.01182	.00620	.00778	.01079	.01296	.02068	.01078	.01461	12
.00033	.00022	.00042	.00018	.00018	.00027	.00061	.00027	.00069	.00054	.00083	.00106	.00045	.00045	.00027	.00057	.00028	.00026	.00045	.00052	.00067	.00068	.00063	13
.01737	.01253	.01557	.01345	.01112	.02227	.01191	.01828	.01296	.01708	.02922	.02021	.01107	.05688	.00711	.01203	.01096	.00940	.00889	.01044	.00727	.00723	.00906	14
.00025	.00043	.00049	.00043	.00049	.00049	.00052	.00038	.00045	.00068	.00071	.00040	.00050	.00066	.00027	.00096	.00025	.00039	.00043	.00045	.00039	.00035	.00035	15
.28761	.62684	.76908	.00396	.00201	.00868	.01525	.01697	.00899	.00409	.00488	.00588	.00381	.00366	.00188	.03749	.00321	.05889	.00301	.00608	.00326	.00590	.00277	16
1.10143	.02940	.10613	.00324	.00190	.00174	.02198	.00493	.00225	.00337	.00206	.00290	.00204	.00161	.00068	.07782	.00164	.02317	.00127	.00221	.00115	.00168	.00204	17
.00491	1.31004	.01870	.00257	.00120	.00173	.00282	.00169	.00209	.00065	.00119	.00120	.00112	.00124	.00063	.00422	.00036	.00038	.00202	.00047	.00164	.00184	.00107	18
.00751	.01871	1.07147	.00094	.00065	.00248	.00188	.00369	.01193	.00116	.00376	.00171	.00174	.00145	.00053	.00158	.00246	.00100	.00064	.00113	.00060	.00076	.00068	19
.00282	.00408	.00745	1.40224	.54399	.15274	.00686	.11324	.05308	.02470	.00010	.01054	.00680	.00751	.00833	.00744	.00387	.01610	.00211	.00942	.00806	.00574	.00612	20
.00057	.00055	.00075	.00405	1.03950	.00114	.00095	.00125	.00129	.00041	.00065	.00063	.00054	.00063	.00021	.00039	.00286	.00120	.00321	.00200	.00051	.00024	.00090	21
.00293	.00321	.00372	.00328	.00768	1.01612	.02966	.00039	.00023	.00017	.02013	.00013	.00017	.00011	.00039	.00043	.29808	.00053	.00260	.00013	.00024	.03116	.03320	22
.00013	.00013	.00362	.00063	.00132	.00796	1.02069	.00032	.00018	.00066	.00008	.00010	.00012	.00008	.00007	.00025	.00006	.00011	.00011	.00009	.00012	.00009	.00012	23
.04131	.02202	.04485	.02612	.01807	.03008	.02898	1.26423	.37308	.36224	.03063	.07744	.05261	.03848	.01318	.03209	.01309	.03269	.05646	.04689	.01233	.01361	.02404	24
.01438	.01610	.02290	.01011	.00757	.02890	.02832	.03789	1.06889	.01518	.01181	.01341	.04053	.01897	.00399	.01394	.00536	.01964	.08649	.01512	.00344	.00864	.01756	25
.01276	.01404	.01660	.01906	.01309	.01551	.01341	.02809	.02478	1.17580	.01683	.01554	.05773	.01869	.01639	.01697	.01010	.02347	.01377	.01457	.01104	.01099	.01568	26
.11084	.05218	.04964	.02030	.01616	.03254	.02389	.06710	.03889	.05839	1.26952	.45777	.18182	.35690	.04856	.14322	.11019	.04387	.05958	.04802	.02003	.03751	.02401	27
.21311	.09685	.09250	.01499	.00729	.02589	.01328	.02006	.01484	.00617	.03069	1.04431	.01113	.13731	.00374	.17449	.09562	.02232	.05602	.01878	.00419	.02049	.00906	28
.00598	.00374	.00571	.00217	.00255	.00266	.00226	.00483	.00454	.00262	.01854	.01906	1.07088	.01233	.00452	.00695	.02234	.00918	.00366	.00909	.00385	.00304	.06520	29
.00348	.00138	.00270	.00802	.00462	.02324	.01942	.02242	.00167	.00153	.00604	.00953	.00422	1.00059	.03226	.00285	.00110	.00114	.00142	.00276	.00292	.00248	.01684	30
.02150	.01422	.01978	.02594	.02305	.01584	.01371	.02888	.02002	.01388	.08402	.05000	.02989	.04154	1.08844	.03055	.01628	.01023	.01329	.02808	.02268	.01665	.01825	31
.02575	.01039	.04440	.01448	.00945	.04963	.01734	.02287	.02133	.00319	.01301	.03645	.01468	.01264	.03529	1.04077	.01418	.07236	.00919	.01797	.00861	.00700	.02138	32
.00052	.00435	.00130	.00015	.00013	.00170	.00192	.00016	.00018	.00014	.00015	.00013	.00015	.00014	.00008	.00138	1.15129	.26371	.00010	.00029	.00011	.00011	.00037	33
.00059	.00142	.00451	.00037	.00021	.00064	.00034	.00031	.00038	.00023	.00023	.00018	.00023	.00021	.00011	.00149	.00273	1.09310	.00017	.00022	.00015	.00015	.00015	34
.00279	.00308	.00331	.00352	.00180	.01712	.04169	.00132	.00308	.00091	.00332	.00228	.02356	.01214	.00085	.00820	.00140	.00154	1.05173	.00204	.00033	.00106	.00103	35
.00348	.00195	.00288	.00842	.00714	.00850	.00839	.00967	.00548	.00333	.00789	.00484	.00569	.01642	.00489	.00711	.01366	.00754	.00802	1.14416	.02635	.01158	.01588	36
.00638	.00663	.01012	.01154	.06533	.06164	.15405	.01167	.01322	.00697	.02802	.01514	.02278	.04716	.01499	.01537	.00587	.00757	.00977	.01798	1.31825	.04849	.59711	37
.00673	.00550	.00737	.00813	.00922	.02668	.03760	.00939	.00685	.00738	.03275	.01516	.01017	.01382	.00672	.01198	.00497	.00574	.00698	.01019	.04207	1.44574	.09990	38
.00197	.00112	.00152	.00129	.00098	.00296	.00173	.00137	.00514	.00068	.00083	.00611	.02058	.06192	.00816	.00197	.00177	.00084	.00125	.00118	.00080	.00684	1.00388	39
.00119	.00102	.00139	.00205	.00229	.00549	.01674	.00154	.00147	.00129	.00173	.00182	.00132	.00217	.00207	.00171	.00062	.00096	.00152	.00212	.00356	.00219	.00856	40
.00179	.00140	.00225	.00617	.00663	.00985	.01230	.00388	.00354	.00196	.00339	.00304	.00696	.00344	.00196	.00467	.00183	.00235	.00656	.00878	.01196	.01892	.02119	41
.04588	.00179	.02749	.01612	.01695	.07113	.04923	.01765	.01188	.00713	.00672	.00748	.01423	.00740	.01697	.01607	.00437	.01244	.00858	.01811	.02547	.02080	.02022	42
.00068	.00147	.00060	.00084	.00072	.00078	.00093	.00065	.00058	.00060	.00086	.00078	.00130	.00072	.00173	.00066	.00036	.00060	.00056	.00284	.00148	.00103	.00124	43
.00118	.00091	.00123	.04092	.00063	.00077	.00143	.00043	.00033	.00057	.00054	.00044	.00134	.00048	.00063	.00064	.00022	.00054	.00057	.00049	.00237	.00054	.00138	44
.00065	.00047	.00065	.00061	.00072	.00104	.00165	.00130	.00083	.00061	.00271	.00134	.00100	.00127	.00297	.00092	.00062	.00045	.00232	.00605	.00330	.00425	.00280	45
.00083	.00015	.00023	.00087	.00047	.00102	.00043	.00038	.00027	.00016	.00115	.00054	.00030	.00045	.00028	.00031	.00019	.00017	.00141	.00141	.00073	.00047	.00058	46
.00156	.00098	.00169	.00154	.00218	.00475	.00468	.00249	.00338	.00133	.02290	.00320	.00213	.00241	.00162	.00252	.00150	.00133	.00281	.00306	.01763	.01333	.01981	47
.00415	.00422	.00814	.00307	.00689	.00516	.00198	.00579	.00662	.00490	.01345	.00873	.00418	.00439	.00133	.00343	.00141	.00134	.00146	.00204	.00202	.00138	.00184	48
.00131	.00095	.00194	.00301	.00248	.00280	.00471	.00218	.00219	.00132	.00291	.00238	.00161	.00213	.00672	.00231	.00093	.00099	.00261	.00220	.00681	.00719	.01170	49
.00071	.00051	.00091	.00127	.00178	.00171	.00284	.00118	.00117	.00069	.00169	.00127	.00100	.00148	.00073	.00376	.00057	.00070	.00136	.00139	.01172	.00849	.01120	50
.00090	.00065	.00112	.00089	.00076	.00107	.00325	.00152	.00065	.00219	.00177	.00125	.00432	.00126	.00127	.00419	.00056	.00121	.00084	.00067	.00283	.00075	.00088	51
.00030	.00030	.00041	.00032	.00037	.00071	.01072	.00038	.00034	.00046	.00052	.00040	.00118	.00040	.00041	.00042	.00019	.00038	.00053	.00041	.00058	.00073	.00068	52
.00148	.00115	.00167	.00151	.00174	.00248	.00458	.00211	.00177	.00155	.00410	.00309	.00195	.00221	.00344	.00236	.00155	.00123	.00213	.00284	.00886	.00686	.00678	53
.00032	.00034	.00041	.00035	.00038	.00473	.03802	.00833	.00041	.00040	.00048	.00044	.00060	.00051	.00030	.00061	.00018	.00031	.00073	.00037	.00064	.00100	.00310	54
.00092	.00068	.00098	.00236	.00342	.00228	.00242	.00229	.00177	.00096	.00058	.00124	.00078	.00089	.00061	.00342	.00145	.00165	.00360	.00491	.00389	.00940	.00184	55
.00076	.00068	.00090	.00086	.00069	.00119	.00262	.00068	.00067	.00153	.00117	.00133	.00100	.00089	.00091	.00161	.00041	.00066	.00063	.00071	.00099	.00214	.00096	56
.00054	.00053	.00077	.00058	.00068	.00110	.00151	.00055	.00053	.00067	.00090	.00062	.00068	.00056	.00122	.00113	.00035	.00129	.00035	.00089	.00087	.00165	.00062	57
.00056	.00044	.00063	.00068	.00101	.00077	.00086	.00060	.00053	.00048	.00073	.00068	.00053	.00061	.00061	.00068	.00034	.00041	.00056	.00081	.00063	.00627	.00065	58
.00283	.00183	.00279	.00488	.00616	.00892	.00784	.00253	.00241	.00230	.00268	.00249	.00297	.00281	.00307	.00227	.00153	.00171	.00225	.00388	.00745	.00699	.00618	59
.00158	.00076	.00156	.00111	.00102	.00123	.00270	.00109	.00111	.00361	.00228	.00257	.00123	.00160	.00118	.00433	.00065	.00089	.00118	.00122	.00186	.00145	.00688	60
.00063	.00087	.00091	.00428	.00272	.00148	.00213	.00127	.00112	.00096	.00116	.00104	.00093	.00108	.00113	.00116	.00060	.00069	.00083	.00127	.00236	.00184	.00190	61
.00063	.00072	.00420	.00261	.00062	.00106	.00258	.00095	.00071	.00083	.00114	.00110	.00505	.00091	.00064	.00222	.00066	.00278	.00453	.00121	.00125	.00147	.00141	62
.00100	.00075	.00088	.00090	.00054	.00073	.00065	.00102	.00074	.00587	.00182	.00341	.00219	.00191	.00068	.00148	.00060	.00192	.00068	.00070	.00239	.00050	.00068	63
.01143	.02832	.02385	.00437	.00327	.00828	.01923	.00833	.00348	.00617	.00408	.00315	.00507	.00347	.00216	.00784	.00202	.00709	.00285	.00488	.02265	.00878	.02306	64
.07268	.04684	.08224	.00868	.00247	.06530	.05839	.07774	.06095	.05508	.08054	.07542	.05630	.07989	.05881	.05773	.04600	.04281	.05680	.08624	.09990	.05871	.08342	65
.00856	.00902	.00965	.00874	.00531	.01139	.00884	.00641	.00619	.02041	.01036	.00909	.01203	.01091	.00606	.00961	.00649	.00847	.00733	.00841	.00310	.00828	.00788	66
.00195	.00212	.00239	.00214	.00173	.00244	.00185	.00207	.00171	.00430	.00228	.00228	.01148	.00256	.00337	.00370	.00135	.00296	.00189	.00201	.00164	.00160	.00190	67
.02531	.02099	.02816	.02969	.02410	.03323	.02894	.03867	.03752	.01932	.04911	.03523	.02247	.03837	.03147	.02817	.01923	.01532	.03701	.05001	.05015	.05061	.03815	68
.06322	.06473	.11111	.06572	.06812	.09711	.09287	.07393	.06029	.05379	.08121	.05526	.06063	.07967	.03528	.06829	.04816	.05053	.06380	.05964	.07020	.07145	.06293	69
.02020	.02465	.02511	.02688	.02429	.02149	.02013	.02047	.02322	.02557	.02657	.02416	.02323	.02609	.02609	.02017	.01017	.02116	.02234	.02532	.02332	.02374	.02388	70
.03198	.02748	.04261	.03542	.03435	.03480	.03095	.02426	.02964	.06072	.02614	.02806	.02547	.03681	.06697	.02981	.01585	.02627	.02346	.02841	.02743	.02495	.02619	71
.00467	.00729	.00691	.00580	.00728	.00859	.00600	.00435	.00512	.00771	.00584	.00401	.00512	.00549	.00282	.00506	.00341	.00675	.00514	.00501	.00414	.00394	.00438	72
.03108	.03377	.03875	.03418	.02785	.03905	.02974	.03310	.02737	.05875	.03652	.03846	.03384	.04063	.05200	.04218	.01898	.04767	.03016	.03212	.02898	.02552	.03094	73
.00235	.00042	.00060	.00016	.00015	.00027	.00032	.00043	.00027	.00019	.02284	.00306	.00190	.00422	.00067	.00086	.00027	.00020	.00113	.00021	.00125	.00093	.00066	74
.00459	.00358	.00566	.01819	.01864	.00891	.00600	.00530	.00627	.00457	.00540	.00438	.00476	.00602	.00637	.00359	.00306	.00324	.00400	.00766	.00444	.00372	.00481	75
.00130	.00134	.00149	.00136	.00134	.00148	.00132	.00121	.00119	.00234	.00187	.00137	.00346	.00163	.00152	.00144	.00077	.00149	.00118	.00127	.00107	.00103	.00116	76
.00204	.00292	.00311	.00246	.00280	.00254	.00335	.00221	.00250	.00238	.00233	.00285	.00229	.00267	.00224	.00231	.00182	.00260	.00214	.00217	.00229	.00233	.00261	77
.00003	.00019	.00057	.00007	.00449	.00467	.00472	.00501	.00481	.01243	.00398	.00390	.01020	.00741	.00662	.00545	.00817	.00720	.00528	.00476	.00463	.00430	.00476	78
.00611	.00169	.00641	.00547	.00678	.00586	.00544	.00877	.00874	.00494	.00937	.00734	.00519	.00662	.00750	.00529	.00433	.00384	.00654	.01075	.01000	.00877	.00780	79
.06082	.03479	.03516	.11864	.06512	.03783	.03159	.03175	.02900	.03947	.06383	.04597	.09233	.03786	.04852	.06960	.06827	.03325	.04097	.03767	.05470	.18298	.03429	80
.01295	.01587	.01928	.01888	.01831	.01817	.01937	.01401	.01576	.03279	.02863	.01489	.01846	.02431	.00913	.01894	.00924	.01449	.01998	.01862	.01202	.01308	.01284	81
.00178	.00219	.00232	.00173	.00178	.00226	.00228	.00166	.00199	.00517	.00234	.00165	.00344	.00263	.00168	.00207	.00118	.00237	.00193	.00187	.00171	.00149	.00171	82
2.88047	2.54437	2.99401	2.41471	2.41574	2.30207	2.19324	2.27383	2.38445	2.11972	2.27098	2.31886	2.25458	2.40278	2.38082	2.16478	1.76380	2.12002	1.87472	2.01053	2.20987	2.42837	2.44158	T.

Table 3.—Total Requirements (Direct and Indirect) Per Dollar of Delivery to Final Demand, 1958—Continued

(Producers' prices)

Each entry represents the output in dollars, directly and indirectly, from the industry named at the beginning of the row for each dollar of delivery to final demand by the industry named at the head of the column	Heating, plumbing & structural metal products	Stampings, screw machine products & bolts	Other fabricated metal products	Engines & turbines	Farm machinery & equipment	Construction, mining & oil field machinery	Materials handling machinery & equipment	Metalworking machinery & equipment	Special industry machinery & equipment	General industrial machinery & equipment	Machine shop products	Office, computing & accounting machines	Service industry machines	Electric industrial equipment & apparatus	Household appliances	Electric lighting & wiring equipment	Radio, television & communication equipment	Electronic components & accessories	Misc. electrical machinery, equipment & supplies	Motor vehicles & equipment	Aircraft & parts	Other transportation equipment
	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
1	0.00384	0.00299	0.00413	0.00333	0.00430	0.00384	0.00489	0.00296	0.00478	0.00441	0.00369	0.00549	0.00500	0.00533	0.00482	0.00454	0.00576	0.00574	0.00480	0.00423	0.00292	0.00474
2	.00435	.00452	.00463	.00402	.00622	.00415	.00640	.00490	.00518	.00468	.00300	.00594	.00568	.00529	.00614	.00492	.00610	.00600	.00631	.00519	.00338	.00645
3	.00069	.00122	.00172	.00056	.00101	.00067	.00076	.00084	.00181	.00076	.00041	.00060	.00146	.00078	.00121	.00036	.00121	.00060	.00060	.00076	.00020	.00410
4	.00039	.00039	.00042	.00035	.00169	.00039	.00046	.00036	.00044	.00041	.00033	.00043	.00050	.00042	.00049	.00044	.00049	.00043	.00042	.00046	.00028	.00057
5	.02090	.01782	.01731	.01176	.01435	.01631	.01260	.00911	.01006	.01157	.00650	.00316	.00971	.00768	.00940	.00764	.00296	.00365	.00637	.01191	.00825	.01288
6	.01392	.01220	.01284	.00948	.00988	.00441	.00673	.00702	.00940	.00764	.01335	.00450	.01187	.01204	.00972	.01210	.00625	.00878	.01028	.00567	.00767	.00634
7	.01278	.01237	.01177	.00947	.00999	.01106	.00864	.00699	.00717	.00684	.00650	.00291	.00771	.00609	.00773	.00607	.00357	.00406	.00606	.00808	.00442	.00265
8	.01166	.01194	.01071	.00917	.00974	.00873	.00926	.00874	.01080	.00919	.01211	.00129	.00970	.00626	.00961	.00620	.00540	.00749	.00658	.00943	.00866	.01060
9	.00263	.00248	.00254	.00298	.00290	.00228	.00205	.00182	.00132	.00478	.00259	.00092	.00202	.00176	.00202	.00259	.00127	.00189	.00210	.00284	.00128	.00240
10	.00069	.00048	.00117	.00062	.00082	.00063	.00072	.00053	.00070	.00068	.00055	.00045	.00106	.00067	.00110	.00123	.00077	.00116	.00175	.00162	.00023	.00006
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	.01276	.01262	.01130	.00968	.01121	.01040	.01102	.01176	.01096	.01127	.01369	.00799	.01289	.01011	.01120	.00963	.00900	.01069	.00939	.01476	.00960	.01104
13	.00105	.00158	.00076	.00266	.00350	.00103	.00084	.00118	.00268	.00216	.00065	.00204	.00172	.00285	.00158	.00061	.00016	.01093	.00084	.00149	.05814	.00068
14	.00012	.00986	.00906	.00842	.00946	.00857	.01173	.02913	.01138	.01039	.00654	.01411	.01172	.01384	.01114	.01106	.01445	.01423	.01188	.00852	.00676	.01068
15	.00049	.00050	.00052	.00054	.00050	.00025	.00067	.00054	.00065	.00063	.00060	.00068	.00063	.00081	.00068	.00060	.00066	.00081	.00064	.00042	.00037	.00056
16	.00371	.00389	.00490	.00455	.00455	.00351	.00707	.00331	.00549	.00390	.00271	.00283	.00489	.00378	.00914	.00372	.00316	.00355	.00655	.01769	.00361	.00563
17	.00134	.00193	.00290	.00196	.00373	.00228	.00289	.00160	.00203	.00141	.00098	.00163	.00247	.00180	.00404	.00230	.00238	.00181	.00504	.01117	.00282	.00397
18	.00289	.00221	.00218	.00188	.00104	.00190	.00205	.00214	.00221	.00212	.00237	.00170	.00205	.00109	.00202	.00259	.00205	.00251	.00215	.00191	.00212	.00240
19	.00092	.00049	.00063	.00079	.00071	.00054	.00066	.00091	.00034	.00057	.00047	.00044	.00062	.00063	.00073	.00057	.00058	.00057	.00099	.01051	.00045	.00120
20	.00014	.01249	.01666	.00443	.00983	.00622	.00024	.00539	.01228	.00047	.00007	.00453	.01377	.00649	.01110	.00732	.01188	.00729	.00425	.00951	.00626	.04190
21	.00164	.00059	.00123	.00029	.00087	.00038	.00030	.00038	.00052	.00048	.00025	.00064	.00041	.00028	.00057	.00052	.00041	.00052	.00321	.00044	.00032	.00057
22	.00140	.00052	.00156	.00029	.00031	.00048	.00034	.00025	.00057	.00074	.00019	.00073	.00168	.00089	.00159	.00038	.02003	.00704	.00841	.00061	.00126	.00787
23	.00191	.00030	.00121	.00020	.00079	.00009	.00071	.00016	.00021	.00040	.00013	.00034	.00102	.00019	.00063	.00013	.00038	.00028	.00013	.00049	.00235	.00489
24	.01603	.02146	.01848	.01496	.01835	.03129	.01361	.00832	.01316	.01450	.00701	.02062	.02333	.02302	.02466	.02569	.02439	.03377	.01350	.02034	.00937	.01428
25	.00801	.01356	.00906	.00589	.00613	.00422	.00522	.00322	.00387	.00624	.00232	.00516	.01488	.00327	.01559	.02573	.01220	.01306	.01243	.00729	.00425	.00518
26	.01266	.01288	.01530	.01334	.01671	.01270	.01447	.01049	.01305	.01248	.01000	.01047	.01443	.01228	.04347	.01254	.01164	.01169	.01497	.01896	.00909	.01241
27	.01955	.02254	.02776	.01337	.01646	.01477	.01610	.01181	.01538	.01462	.01081	.01069	.02965	.02190	.02759	.03273	.01997	.03139	.04963	.03498	.01257	.02625
28	.00586	.01090	.00748	.00696	.01008	.00881	.00898	.00500	.00750	.00843	.00422	.00063	.01048	.01486	.01478	.02832	.01593	.01453	.03114	.01562	.00652	.01568
29	.00290	.00265	.00242	.00325	.00290	.00228	.00271	.00190	.00269	.00218	.00215	.00148	.00288	.00191	.00242	.00335	.00502	.00190	.00235	.00323	.00179	.00251
30	.00482	.00709	.00347	.00314	.00587	.00338	.00480	.00191	.00211	.00259	.00150	.00216	.00809	.00465	.00689	.00666	.00964	.00237	.00293	.00739	.00245	.01084
31	.01820	.01879	.01670	.01484	.01542	.01639	.01489	.01396	.01608	.01425	.01991	.00824	.01517	.01276	.01399	.01256	.01007	.01117	.01303	.01470	.01026	.01688
32	.00796	.01372	.01318	.01371	.04172	.02306	.02338	.01966	.01962	.01677	.00637	.01003	.02216	.01328	.04123	.02338	.01883	.01398	.05690	.04819	.01484	.01719
33	.00032	.00040	.00038	.00040	.00149	.00027	.00060	.00038	.00168	.00048	.00088	.00029	.00043	.00090	.00057	.00039	.00044	.00024	.00031	.00067	.00019	.00078
34	.00021	.00053	.00031	.00025	.00027	.00021	.00046	.00029	.00024	.00023	.00106	.00027	.00080	.00096	.00169	.00026	.00030	.00027	.00029	.00029	.00028	.00024
35	.00428	.00263	.00147	.00209	.00153	.00138	.00204	.00179	.00149	.00143	.00090	.00301	.00524	.00778	.00398	.03291	.01398	.03742	.00432	.01656	.00211	.00784
36	.01784	.01797	.01668	.01655	.04549	.01674	.01382	.01550	.01296	.01902	.02722	.00704	.01690	.01222	.01653	.01475	.00989	.01394	.01727	.01260	.01068	.01841
37	.35667	.20328	.29192	.19905	.24739	.36426	.21364	.18962	.16997	.19849	.14101	.05166	.15950	.11049	.15599	.12172	.04630	.06534	.06061	.20266	.06396	.21941
38	.13334	.11790	.12018	.08104	.04027	.03730	.05223	.06767	.06288	.07274	.13800	.04847	.11683	.12832	.09436	.10073	.06227	.05740	.17978	.05101	.07624	.05798
39	.00138	.00471	.00168	.00060	.00101	.00062	.00098	.00100	.00081	.00099	.00058	.00072	.00126	.00101	.00142	.00124	.00094	.00100	.00109	.00139	.00085	.00125
40	1.02710	.01108	.01204	.00947	.00673	.02122	.01807	.00725	.01570	.02359	.00468	.00165	.02941	.00541	.02012	.00447	.00368	.00238	.00242	.00466	.00214	.03267
41	.02894	1.04987	.02812	.03489	.04265	.03030	.02856	.03765	.02184	.02103	.01154	.01735	.03145	.02348	.06503	.03549	.03073	.03136	.03609	.05161	.02223	.01475
42	.04728	.04116	1.05691	.01518	.02046	.02707	.03668	.04391	.02965	.03272	.03206	.01257	.04408	.04625	.04732	.02716	.02439	.02251	.04681	.06296	.02286	.03440
43	.03643	.00296	.00365	1.10585	.05676	.03409	.02138	.00453	.00982	.01828	.00735	.00126	.00515	.01960	.00256	.00152	.00131	.00138	.00027	.00780	.00348	.03534
44	.02306	.00212	.00214	.01735	1.04340	.02104	.00737	.02262	.00890	.00371	.00153	.00057	.00148	.00114	.00133	.00099	.00093	.00352	.00150	.00268	.00067	.00733
45	.00592	.00342	.00538	.03459	.01749	1.06890	.03753	.00409	.01093	.01128	.03545	.00088	.00988	.00325	.00214	.00174	.00125	.00188	.00327	.00261	.00154	.00935
46	.00166	.00070	.00163	.00240	.00160	.00713	1.04337	.00326	.00623	.00915	.00092	.00030	.00182	.00065	.00152	.00032	.00028	.00027	.00048	.00090	.00092	.00640
47	.04326	.01601	.03421	.02758	.02677	.02845	.02047	1.06936	.05240	.02701	.02658	.01303	.04140	.04789	.04492	.01925	.01053	.01049	.02118	.02277	.03115	.01270
48	.00547	.00301	.00437	.00312	.00406	.00307	.00656	.01003	1.06718	.00424	.00631	.00102	.00422	.00244	.00177	.00129	.00164	.00155	.00402	.00197	.00188	.00204
49	.01779	.00493	.00378	.04811	.05863	.07261	.06425	.04129	.06919	1.06809	.01538	.00502	.02343	.01397	.01825	.00405	.00437	.00371	.02232	.01279	.01856	.02490
50	.00950	.00850	.00743	.04069	.02249	.03078	.02271	.01049	.00841	.01115	1.00039	.00186	.00493	.00536	.00458	.00446	.00663	.00365	.01218	.01344	.03190	.00911
51	.02141	.00156	.00116	.00098	.00120	.00124	.00236	.00067	.00276	.00111	.00150	1.10194	.00150	.00135	.00214	.00103	.00074	.00035	.00196	.00155	.00178	.00095
52	.03990	.02262	.00223	.00120	.00185	.00210	.00357	.00321	.00668	.01074	.00135	.00057	1.09774	.00102	.03222	.00150	.00142	.00069	.00094	.00269	.00157	.00416
53	.01988	.00855	.01002	.02973	.01621	.02226	.06429	.02688	.05975	.06441	.01054	.03133	.10961	1.07953	.05426	.04231	.03070	.04224	.03314	.00911	.01268	.04509
54	.00627	.00328	.00285	.00109	.00460	.00104	.00107	.00263	.00940	.00150	.00072	.00055	.05862	.00132	1.01373	.00106	.00124	.00146	.00328	.00092	.00345	.00662
55	.00455	.00629	.00439	.00359	.00287	.00304	.00564	.00292	.00321	.00398	.00274	.00653	.01163	.02832	.01128	1.04522	.01070	.01163	.04305	.00855	.00483	.00679
56	.00168	.00163	.00158	.00279	.00179	.00222	.00249	.00214	.01257	.00481	.00196	.01439	.00629	.01415	.00269	.00412	1.03482	.04101	.00750	.00019	.04077	.00563
57	.00282	.00223	.00204	.00243	.00156	.00183	.00361	.00222	.00755	.00413	.00134	.03229	.00569	.03567	.00340	.00887	.30988	1.07602	.01803	.00426	.01741	.00291
58	.00172	.00225	.00178	.02242	.01051	.00375	.00443	.00229	.00192	.00284	.00362	.00146	.00222	.00405	.01192	.00257	.00194	.02171	1.04855	.02348	.00695	.00357
59	.04280	.04405	.04393	.04907	.03328	.03023	.02260	.07603	.01135	.01094	.01158	.00367	.02882	.00812	.01091	.00619	.00471	.00424	.05599	1.42708	.01793	.02713
60	.00412	.00359	.00273	.01876	.00709	.00436	.00606	.00934	.05788	.02496	.00572	.01099	.01107	.00406	.00313	.00138	.03041	.00459	.08300	.00820	1.23686	.00354
61	.00950	.00178	.00234	.01258	.00453	.00774	.00702	.00178	.00347	.00776	.00479	.00091	.00277	.00706	.03384	.00120	.00130	.00107	.00137	.00276	.00126	1.07509
62	.01152	.00649	.00485	.00431	.00349	.00276	.00356	.00315	.00450	.00675	.00203	.00561	.01976	.01638	.03533	.00457	.00975	.03790	.00844	.00801	.02394	.00419
63	.00084	.00115	.00058	.00079	.00091	.00073	.00086	.00076	.00290	.00105	.00072	.00325	.00110	.00149	.03320	.00063	.03528	.00114	.00129	.00400	.00311	.00031
64	.00360	.00790	.00653	.00394	.00358	.00318	.02360	.00499	.00354	.00303	.02240	.00395	.00498	.00306	.00532	.00611	.00308	.00429	.00356	.00452	.00438	.02519
65	.04577	.04090	.03815	.05139	.03697	.03530	.05869	.04065	.04953	.03242	.04231	.03867	.05794	.04902	.05651	.04970	.04727	.04534	.05107	.06606	.03608	.04257
66	.01057	.00628	.00888	.00889	.00933	.00951	.01057	.01357	.01819	.01546	.01208	.00024	.01058	.00920	.01252	.00815	.00931	.00794	.00934	.00938	.00994	.00907
67	.00198	.00178	.00206	.00193	.00294	.00207	.00290	.00173	.00194	.00191	.00161	.00263	.00254	.00173	.00681	.00201	.00257	.00176	.00283	.00348	.00117	.00157
68	.03118	.03216	.02988	.02284	.02522	.02657	.02327	.02188	.02308	.02459	.02544	.01446	.02621	.02305	.02656	.02423	.01747	.02423	.02588	.02655	.01975	.02679
69	.07767	.06704	.07204	.06532	.07926	.07321	.06940	.06084	.07683	.06308	.06162	.07711	.10829	.06419	.06330	.06767	.07760	.06791	.07422	.09080	.06073	.09103
70	.02464	.02357	.02191	.02934	.02338	.02156	.02421	.05008	.02190	.02062	.02177	.01599	.02129	.01882	.05010	.04796	.01611	.01765	.01821	.02052	.01393	.02068
71	.02656	.02734	.02459	.02982	.02534	.02408	.03024	.03592	.02884	.02005	.03179	.03382	.03337	.02403	.02879	.02816	.02703	.03642	.02484	.02419	.02040	.02475
72	.00547	.00564	.00576	.00542	.00538	.00451	.00539	.00661	.00649	.00619	.00588	.00720	.00650	.00701	.00564	.00604	.00739	.00779	.00629	.00476	.00369	.00524
73	.03138	.02809	.03290	.03085	.04702	.03316	.03070	.02788	.03095	.03062	.02569	.04213	.03736	.02757	.10905	.03209	.04278	.02808	.04198	.03483	.01871	.02963
74	.00076	.00047	.00044	.00035	.00066	.00063	.00043	.00030	.00032	.00041	.00030	.00019	.00037	.00042	.00034	.00037	.00074	.00109	.00041	.00111	.00141	.00058
75	.00561	.00408	.00428	.00323	.00335	.00400	.00406	.00325	.00461	.00390	.00389	.00277	.00487	.00329	.00401	.00340	.00318	.00294	.00355	.00406	.00226	.00475
76	.00129	.00123	.00133	.00130	.00156	.00135	.00136	.00124	.00142	.00140	.00118	.00178	.00156	.00147	.00274	.00141	.00179	.00156	.00169	.00163	.00084	.00133
77	.00251	.00239	.00230	.00296	.00241	.00233	.00241	.00212	.00234	.00238	.00219	.00190	.00254	.00226	.00343	.00228	.00244	.00236	.00233	.00278	.00224	.00254
78	.00484	.00464	.00464	.00461	.00605	.00443	.00533	.00399	.00459	.00472	.00490	.00500	.00562	.00383	.00817	.00541	.00677	.00708	.00636	.00674	.00575	.00467
79	.00658	.00656	.00918	.00496	.00605	.00544	.00616	.00456	.00512	.00338	.00510	.00345	.00560	.00402	.00571	.00524	.00412	.00518	.00543	.00539	.00405	.00592
80	.03830	.04071	.04599	.02956	.07506	.02413	.03529	.03406	.04087	.02744	.03715	.03470	.03422	.04013	.03060	.02247	.02718	.02711	.04918	.05990	.02600	.04107
81	.00816	.01550	.04002	.02020	.01304	.02034	.02480	.02004	.02416	.02350	.01949	.03290	.02341	.03048	.02166	.02217	.03171	.03042	.02396	.01549	.01385	.02093
82	.00193	.00282	.00212	.00210	.00339	.00216	.00253	.00204	.00240	.00237	.00192	.00276	.00248	.00248	.00288	.00209	.00371	.00251	.00228	.00214	.00200	.00231
T.	2.34106	2.22744	2.23623	2.26593	2.33490	2.21629	2.36096	2.05799	2.20684	2.21001	2.02606	1.88821	2.44407	2.00271	2.35483	2.12093	2.50467	2.04888	2.26856	2.55126	2.14830	2.23727

Table 3.—Requirements (Direct and Indirect) Per Dollar of Delivery to Final Demand, 1958—Continued

(Producers' prices)

Scientific & controlling instruments	Optical, ophthalmic & photographic equipment	Miscellaneous manufacturing	Transportation & warehousing	Communication; except radio & T.V. broadcasting	Radio & T.V. broadcasting	Electric, gas, water & sanitary service	Wholesale & retail trade	Finance & insurance	Real estate & rental	Hotels; personal & repair services, exc. auto.	Business services	Research & development	Automobile repair & services	Amusements	Medical, educational services & non-profit organizations	Federal government enterprises	State & local government enterprises	Gross imports of goods & services	Business travel, entertainment & gifts	Office supplies	Industry number
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	
0.00778	0.00430	0.00710	0.00421	0.00180	0.00621	0.00800	0.00745	0.00617	0.02311	0.00605	0.00624	0.00350	0.00409	0.00563	0.00907	0.04479	0.02254	0	0.12847	0.00751	1
.00936	.00497	.01249	.00542	.00215	.00603	.00644	.00845	.02888	.03207	.00907	.01852	.00465	.00553	.00629	.00788	.17990	.00336	0	.06389	.00998	2
.00084	.00290	.00406	.00052	.00026	.00043	.00049	.00053	.00040	.00057	.00074	.00401	.00079	.00046	.00044	.00036	.00063	.00111	0	.00454	.00470	3
.00065	.00010	.00085	.00038	.00018	.00055	.00088	.00213	.00051	.00180	.00068	.00463	.00043	.00048	.00121	.00035	.00768	.00039	0	.00582	.00079	4
.00106	.00199	.00373	.00079	.00024	.00029	.00077	.00038	.00023	.00056	.00072	.00062	.00469	.00256	.00032	.00042	.00101	.00136	0	.00104	.00146	5
.00905	.00558	.00807	.00089	.00064	.00045	.00065	.00039	.00027	.00063	.00110	.00085	.00747	.00190	.00047	.00055	.00055	.00141	0	.00099	.00250	6
.00375	.00514	.00458	.00289	.00077	.00105	.04382	.00201	.00148	.00136	.00241	.00190	.00436	.00527	.00120	.00176	.01608	.02476	0	.00287	.00650	7
.00674	.00914	.00866	.00097	.00092	.00400	.05542	.00888	.00617	.00981	.01280	.00790	.00285	.00578	.00428	.00888	.01455	.02215	0	.01974	.01104	8
.00128	.00245	.00142	.00104	.00049	.00044	.00123	.00061	.00045	.00151	.00095	.00071	.00134	.00146	.00061	.00078	.00144	.00306	0	.00123	.00247	9
.00077	.00296	.00183	.00040	.00013	.00020	.00032	.00027	.00033	.00033	.00064	.00062	.00133	.00068	.00021	.00040	.00085	.00063	0	.00064	.00255	10
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
.00011	.00652	.01355	.05330	.03579	.02361	.07729	.02021	.02147	.10378	.01612	.01498	.01334	.02753	.04069	.04314	.02868	.26104	0	.03267	.01585	12
.03859	.00201	.00060	.00032	.00043	.00280	.00012	.00028	.00012	.00017	.00061	.00013	.22839	.00041	.00012	.00094	.00028	.00018	0	.00131	.00068	13
.01924	.01018	.01395	.00879	.00368	.01185	.00606	.01601	.01070	.00725	.01145	.01262	.01354	.00717	.01060	.01124	.02907	.00612	0	.32271	.01650	14
.00060	.00049	.00072	.00024	.00019	.00075	.00023	.00059	.00057	.00016	.00051	.00059	.00365	.00032	.00064	.00066	.00038	.00021	0	.03691	.00073	15
.01834	.00419	.03754	.00258	.00119	.00319	.00108	.00208	.00255	.00163	.03219	.00373	.00810	.00796	.00285	.00405	.00224	.00141	0	.00315	.01293	16
.00471	.00192	.01219	.00185	.00080	.00225	.00056	.00108	.00196	.00064	.00434	.00241	.00374	.00740	.00170	.00213	.00120	.00117	0	.00250	.00553	17
.00443	.00165	.00296	.00049	.00014	.00024	.00026	.00096	.00031	.00071	.01050	.00071	.00223	.00098	.00322	.00248	.00035	.00070	0	.00344	.00128	18
.00119	.00075	.00231	.00092	.00074	.00241	.00025	.00087	.00193	.00041	.01247	.00173	.00164	.00443	.00172	.00211	.00143	.00033	0	.00223	.00196	19
.00658	.00726	.03495	.00124	.00232	.00313	.00458	.00410	.00301	.00515	.00524	.00810	.00633	.00388	.00334	.00390	.00402	.01068	0	.00564	.04713	20
.00072	.00026	.00089	.00072	.00006	.00013	.00015	.00117	.00014	.00029	.00032	.00026	.00073	.00035	.00014	.00018	.00116	.00090	0	.00152	.00069	21
.00155	.00029	.00067	.00017	.00038	.00369	.00008	.00023	.00007	.00015	.00129	.00017	.00289	.00026	.00007	.00012	.00009	.00011	0	.00047	.00031	22
.00418	.00015	.00112	.00016	.00007	.00008	.00012	.00021	.00007	.00016	.00045	.00021	.00103	.00015	.00010	.00015	.00006	.00008	0	.00019	.00064	23
.02357	.01785	.05479	.00818	.00786	.01760	.00724	.01885	.02963	.00537	.02730	.07370	.01745	.01194	.01090	.01787	.02069	.01069	0	.04968	.46752	24
.01330	.01242	.04653	.00166	.00095	.02344	.00127	.00684	.00288	.00134	.00829	.00689	.00745	.00458	.00239	.00902	.00479	.00187	0	.00978	.02692	25
.04375	.02335	.02283	.01324	.02328	.02779	.01076	.02259	.04386	.01146	.01627	.28207	.01566	.01645	.02475	.02215	.02888	.01871	0	.01817	.02912	26
.01956	.05833	.04328	.00966	.00925	.00480	.00964	.00664	.00820	.00857	.02366	.01496	.02812	.01714	.00537	.01093	.01754	.01750	0	.01950	.05578	27
.01143	.00740	.04000	.00363	.00127	.00224	.00194	.00495	.00196	.00209	.00764	.03273	.01154	.01164	.00293	.00272	.01246	.00338	0	.00512	.01590	28
.00398	.00249	.00378	.00120	.00047	.00085	.00079	.00310	.00144	.00116	.01732	.00253	.00969	.00234	.00105	.02897	.00129	.00165	0	.01049	.00376	29
.00229	.00153	.00046	.00406	.00203	.00148	.00400	.00168	.00157	.00653	.00462	.00134	.00385	.01968	.00349	.00262	.00194	.01412	0	.00311	.00296	30
.01045	.01480	.04850	.05689	.00458	.00591	.02440	.01311	.00978	.04341	.02019	.01210	.01585	.01223	.00590	.00948	.02393	.02215	0	.03477	.01771	31
.01490	.01280	.04109	.01180	.00200	.00319	.00338	.00508	.00473	.00296	.01131	.00766	.02427	.04614	.00312	.00574	.00616	.00433	0	.01078	.02407	32
.00135	.00015	.00625	.00090	.00005	.00029	.00005	.00016	.00009	.00008	.00050	.00223	.00032	.00022	.00056	.00014	.00015	.00007	0	.00130	.00158	33
.00134	.00073	.00708	.00012	.00010	.00075	.00009	.00037	.00021	.00016	.00100	.00034	.00039	.00023	.00278	.00039	.00035	.00009	0	.00157	.00134	34
.00658	.01295	.00716	.00145	.00057	.00085	.00077	.00193	.00054	.00101	.00252	.00095	.00545	.01655	.00074	.00177	.00169	.00189	0	.00568	.00259	35
.00960	.02924	.00729	.00361	.00186	.00169	.00571	.00310	.00148	.00907	.00747	.00243	.00979	.01084	.00233	.00269	.00554	.01147	0	.00490	.00579	36
.05365	.02322	.05670	.01200	.00347	.00413	.01187	.00328	.00309	.00741	.00906	.00857	.07339	.04140	.00462	.00380	.00780	.01770	0	.01579	.01926	37
.06228	.06141	.07943	.02606	.02644	.00417	.00657	.00338	.00226	.00513	.00943	.00760	.07243	.01687	.00430	.00439	.00407	.01187	0	.00641	.01975	38
.00357	.00123	.00169	.00094	.00058	.00047	.00062	.00077	.00031	.00070	.00401	.00085	.00144	.00102	.00050	.00131	.00256	.00113	0	.00990	.00130	39
.00360	.00121	.00227	.00369	.00203	.00140	.00457	.00236	.00132	.00601	.00149	.00127	.00684	.00263	.00237	.00259	.00163	.04438	0	.00266	.00154	40
.02715	.02962	.03807	.00222	.00084	.00128	.00146	.00147	.00061	.00401	.00297	.00219	.02454	.00980	.00094	.00219	.00156	.00202	0	.00377	.00510	41
.02716	.01567	.02511	.00607	.00189	.00101	.01820	.00281	.00160	.00204	.00879	.00395	.02665	.02723	.00178	.00248	.00414	.00923	0	.00530	.05479	42
.00189	.00105	.00092	.00362	.00023	.00046	.00074	.00066	.00049	.00045	.00194	.00851	.01344	.00165	.00017	.00045	.00106	.00058	0	.00184	.00071	43
.00108	.00068	.00096	.00041	.00010	.00046	.00034	.00078	.00048	.00003	.00044	.00636	.00360	.00077	.00048	.00039	.00188	.00033	0	.00117	.00060	44
.00190	.00123	.00099	.00079	.00021	.00026	.00240	.00046	.00028	.00080	.00047	.00147	.00278	.00099	.00030	.00036	.00102	.00182	0	.00064	.00089	45
.00037	.00026	.00027	.00169	.00006	.00007	.00033	.00023	.00007	.00021	.00012	.00014	.00124	.00027	.00008	.00010	.00026	.00039	0	.00035	.00026	46
.01913	.00716	.00857	.00161	.00041	.00062	.00131	.00398	.00043	.00107	.00125	.00213	.03876	.06516	.00047	.00060	.00098	.00112	0	.00175	.00224	47
.00331	.00298	.00207	.00039	.00020	.00032	.00038	.00084	.00036	.00047	.00090	.00167	.00201	.00088	.00030	.00048	.00049	.00061	0	.00058	.00458	48
.01044	.00182	.00304	.00184	.00088	.00043	.00155	.00092	.00039	.00081	.00101	.00156	.01296	.00314	.00042	.00062	.00094	.00139	0	.00147	.00184	49
.01381	.00206	.00411	.00137	.00024	.00036	.00049	.00674	.00030	.00043	.00078	.00092	.03836	.01749	.00029	.00058	.00092	.00082	0	.00118	.00141	50
.01826	.00253	.00414	.00083	.00060	.00161	.00119	.00194	.00158	.00039	.00140	.02210	.00486	.00118	.00149	.00137	.00091	.00024	0	.00129	.00744	51
.00268	.00055	.00096	.00043	.00060	.00037	.00034	.00078	.00036	.00062	.00423	.00409	.00612	.00074	.00039	.00039	.00029	.00072	0	.00110	.00051	52
.04479	.01718	.00895	.00290	.00095	.00129	.00215	.00110	.00060	.00128	.00347	.00240	.05331	.00389	.00099	.00147	.00113	.00254	0	.00267	.00388	53
.00178	.00044	.00265	.00045	.00024	.00065	.00045	.00060	.00029	.00074	.01071	.00063	.00047	.00050	.00061	.00032	.00029	.00122	0	.00568	.00073	54
.00580	.00361	.00771	.00128	.00064	.00076	.00112	.00088	.00038	.00108	.00149	.00082	.02211	.00696	.00059	.00073	.00073	.00262	0	.00185	.00193	55
.01715	.00881	.00382	.00148	.01388	.02571	.00073	.00144	.00078	.00069	.00254	.00304	.00994	.00207	.00070	.00156	.00079	.00083	0	.00730	.00178	56
.02914	.00384	.00340	.00168	.00341	.00527	.00060	.00077	.00044	.00045	.02212	.00306	.06384	.00135	.00045	.00115	.00065	.00060	0	.00521	.00159	57
.02272	.00460	.00156	.00332	.00069	.00328	.00045	.00100	.00041	.00038	.00093	.00094	.00907	.01674	.00268	.00068	.00134	.00074	0	.00187	.00007	58
.02879	.00321	.00516	.01097	.00086	.02113	.00253	.00599	.00182	.00185	.00071	.00336	.06184	.31001	.00094	.00200	.00248	.00542	0	.00476	.00279	59
.03969	.00235	.00222	.00897	.00044	.00080	.00031	.00134	.00045	.00040	.00064	.00138	.42069	.00120	.00098	.00159	.00171	.00262	0	.00363	.00256	60
.00292	.00140	.00235	.01061	.00075	.00046	.00088	.00057	.00095	.00049	.00140	.00149	.00377	.00223	.00068	.00138	.00231	.00175	0	.00488	.00183	61
1.07528	.01616	.00248	.00150	.00081	.00058	.00043	.00088	.00037	.00065	.00758	.00282	.03949	.00397	.00044	.01307	.00185	.00178	0	.00342	.00128	62
.00702	1.06744	.00089	.00045	.00042	.00206	.00038	.00129	.00090	.00052	.01036	.01034	.00883	.00070	.00698	.00424	.00088	.00046	0	.00405	.01309	63
.00991	.00466	1.06372	.00314	.00246	.01235	.00194	.00320	.00842	.00187	.02561	.01581	.00677	.00266	.02241	.00401	.00247	.00263	0	.01324	.16360	64
.04893	.04299	.05300	1.00643	.01014	.02191	.04450	.02354	.08195	.01844	.02974	.03566	.04200	.03508	.82338	.02588	.21329	.03607	0	.45677	.08036	65
.01017	.00852	.04144	.01208	1.01089	.04538	.00638	.01473	.02466	.00864	.01005	.03828	.01017	.01287	.01154	.01231	.00843	.00878	0	.01996	.01583	66
.00214	.00464	.00278	.00178	.00144	1.00854	.00167	.00385	.00879	.00217	.00283	.04588	.00219	.00271	.00385	.00282	.00221	.00166	0	.00278	.00349	67
.01978	.01798	.02199	.01471	.01006	.01214	1.23166	.03017	.01278	.01035	.03278	.02248	.02079	.08613	.01670	.02821	.08151	.10274	0	.02006	.02468	68
.08293	.06723	.09860	.04965	.01436	.03672	.03391	1.03969	.02618	.03699	.06666	.04490	.06669	.11581	.03207	.03672	.04249	.04393	0	.11656	.06711	69
.03848	.01802	.02411	.03571	.01044	.02537	.01722	.02994	1.26665	.04794	.03104	.02885	.01833	.04546	.04878	.02370	.01738	.02010	0	.02907	.02397	70
.02868	.03068	.03571	.04887	.02243	.07632	.02857	.06673	.11105	1.03512	.06622	.08614	.03164	.06049	.08067	.06315	.04291	.02839	0	.06019	.04862	71
.00771	.00520	.00849	.00201	.00143	.00500	.00190	.00431	.00416	.00552	1.03388	.00969	.00580	.00313	.00443	.00061	.00281	.00327	0	.14931	.00685	72
.03920	.07430	.04415	.02845	.02306	.06139	.02668	.05140	.06023	.03026	.04504	1.02238	.03497	.04227	.06139	.04179	.03624	.02647	0	.04325	.05678	73
.00329	.00161	.00336	.00911	.00004	.00005	.00007	.00508	.00003	.00005	.00015	.00014	1.00100	.00028	.00005	.00185	.00041	.00010	0	.00017	.00032	74
.00821	.00248	.00511	.02784	.00250	.00288	.00401	.01075	.00668	.00353	.04228	.00796	.00296	1.02013	.00188	.00418	.01603	.00351	0	.01670	.00451	75
.00170	.00202	.00164	.00195	.00108	.25891	.00082	.00311	.00222	.00294	.00153	.01238	.00315	.00140	1.31149	.00646	.00133	.00083	0	.02625	.00184	76
.00291	.00212	.00286	.00172	.00125	.00193	.00188	.00185	.00731	.00187	.00191	.00136	.10427	.00223	.00204	1.01414	.00120	.00064	0	.00812	.00238	77
.00488	.00661	.00634	.00448	.00580	.00423	.02560	.01396	.01888	.00685	.00459	.03250	.00464	.00543	.00440	.00402	1.06488	.00691	0	.00608	.00919	78
.00435	.00411	.00618	.02612	.00219	.00296	.15520	.00385	.00641	.00602	.00732	.00488	.00446	.00827	.00377	.00555	.10960	1.01440	0	.01387	.00584	79
.04790	.06327	.06807	.05150	.00901	.01244	.01747	.00662	.01380	.00882	.01432	.01888	.02814	.01872	.06199	.00298	.09839	.01078	1.00000	.07307	.07106	80
.00383	.01842	.02152	.00883	.00738	.02757	.00789	.02062	.02129	.00436	.01896	.02193	.02416	.01188	.02289	.02490	.01415	.00790	0	1.01251	.02624	81
.00265	.00231	.00262	.00242	.00448	.00274	.00275	.00653	.00774	.00188	.00290	.01248	.00247	.00196	.00256	.00496	.00629	.00708	0	.00234	1.00488	82
2.18048	1.06657	2.23820	1.73137	1.28488	1.80880	1.96528	1.64115	1.80906	1.51996	1.78883	2.08264	3.00884	2.06642	1.58928	1.62471	2.07984	1.68452	1.00000	3.02038	3.17407	T.

Source: U.S. Department of Commerce, Office of Business Economics.