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PART III

BASIC TABLES

TABLE A-1

Gross National Product, by Sector, 1929-66
(billions of 1958 dollars)

Year	Gross National Product (1)	Gross Govt. Product, Military (2)	Gross National Civilian Product (3)	Net Factor Income from Abroad (4)	Gross Domestic Civilian Product (5)	Gross Govt. Product, Civilian (6)	Gross Private Domestic Product (7)	Gross Product of Households & Institutions (8)	Gross Domestic Business Product (9)	Gross Farm Product (10)	Gross Nonfarm Business Product (11)
1929	212.8	2.7	210.1	1.4	208.7	17.7	191.0	10.1	180.9	18.4	162.5
1930	192.8	2.5	190.3	1.6	188.7	18.7	170.0	9.9	160.1	17.4	142.7
1931	179.0	2.4	176.6	1.4	175.2	19.3	155.9	9.5	146.4	19.7	126.7
1932	154.2	2.2	152.0	1.3	150.7	19.4	131.3	8.8	122.5	19.2	103.3
1933	151.8	2.2	149.6	1.2	148.4	20.5	127.9	8.5	119.4	18.7	100.7
1934	164.5	2.1	162.4	1.0	161.4	22.7	138.7	8.8	129.9	15.6	114.3
1935	179.9	2.1	177.8	1.1	176.7	24.0	152.7	8.9	143.8	17.6	126.2
1936	203.9	2.2	201.7	1.0	200.7	27.1	173.6	9.3	164.3	16.1	148.2
1937	214.6	2.4	212.2	0.8	211.4	26.5	184.9	9.6	175.3	19.0	156.3
1938	204.4	2.4	202.0	1.1	200.9	28.2	172.7	9.2	163.5	19.0	144.5
1939	221.5	2.6	218.9	0.9	218.0	28.8	189.2	9.5	179.7	19.5	160.2
1940	240.2	3.7	236.5	1.0	235.5	29.5	206.0	10.0	196.0	18.9	177.1
1941	278.3	9.5	268.8	0.9	267.9	31.0	236.9	9.8	227.1	20.4	206.7
1942	316.7	23.4	293.3	0.8	292.5	34.7	257.8	10.2	247.6	22.2	225.4
1943	366.3	53.1	313.2	0.8	312.4	39.1	273.3	9.4	263.9	21.1	242.8
1944	420.9	93.0	327.9	0.9	327.0	39.8	287.2	9.2	278.0	20.8	257.2
1945	437.4	115.6	321.8	0.8	321.0	38.2	282.8	9.1	273.7	19.5	254.2
1946	355.7	45.4	310.3	0.9	309.4	34.1	275.3	9.1	266.2	20.2	246.0
1947	347.1	31.9	315.2	1.1	314.1	32.6	281.5	9.6	271.9	18.6	253.3

1948	356.1	26.4	329.7	1.2	328.5	33.4	295.1	10.0	285.1	20.5	264.6
1949	353.1	23.3	329.8	1.2	328.6	34.5	294.1	10.4	283.7	19.9	263.8
1950	382.1	21.3	360.8	1.3	359.5	35.4	324.1	11.0	313.1	20.9	292.2
1951	409.7	26.1	383.6	1.2	382.4	37.8	344.6	11.2	333.4	19.9	313.5
1952	420.5	26.9	393.6	1.2	392.4	39.1	353.3	11.3	342.0	20.6	321.4
1953	442.1	30.0	412.1	1.3	410.8	39.6	371.2	11.6	359.6	21.6	338.0
1954	439.4	31.7	407.7	1.6	406.1	40.1	366.0	11.7	354.3	21.9	332.4
1955	471.9	31.6	440.3	1.8	438.5	41.6	396.9	12.7	384.2	22.5	361.7
1956	480.4	30.9	449.5	2.0	447.5	43.2	404.3	13.4	390.9	22.4	368.5
1957	487.6	30.7	456.9	2.1	454.8	44.8	410.0	13.9	396.1	21.8	374.3
1958	483.8	30.7	453.1	2.0	451.1	46.4	404.7	14.4	390.3	22.5	367.8
1959	513.3	30.6	482.7	2.2	480.5	47.7	432.8	14.9	417.9	22.7	395.2
1960	526.2	30.8	495.4	2.3	493.1	49.6	443.5	15.5	428.0	23.5	404.5
1961	535.7	30.7	505.0	2.9	502.1	50.9	451.2	15.9	435.3	23.9	411.4
1962	569.3	31.7	537.6	3.4	534.2	52.6	481.6	16.6	465.0	23.8	441.2
1963	591.2	31.7	559.5	3.4	556.1	54.2	501.9	17.1	484.8	24.5	460.3
1964	622.1	31.9	590.2	3.9	586.3	56.0	530.3	17.8	512.5	24.1	488.4
1965	659.1	31.6	627.5	4.1	623.4	58.3	565.1	18.2	546.9	25.7	521.2
1966	698.6	32.5	666.1	4.0	662.1	61.5	600.6	19.2	581.4	24.2	557.2

Note: Relates to *Productivity Trends*, Table A-III.

Source: The following adjustments were made to the published OBE real gross product estimates (*Survey of Current Business*, July 1968), as described more fully in the appendix text: *cols. 2* and *6*: general government product adjusted to include imputed rent on government capital and capital consumption allowances; *col. 7* (Cols. 8 + 9): gross private domestic product adjusted to include imputed rent on nonprofit institutions' capital; *col. 8*: gross product of households and institutions adjusted to include imputed rent on nonprofit institutions' capital and capital consumption allowances; *col. 9*: gross private domestic business product, OBE Table 1.8, adjusted to exclude capital consumption allowances of households and institutions; *col. 10*: gross farm product adjusted to include gross rents paid to nonfarm landlords, OBE Table 1.18 (line 10 + line 8); *col. 11*: gross nonfarm business product adjusted to exclude rents paid by farmers to nonfarm landlords.

TABLE A-2

Net National Product and Relationship of Net to Gross National Product, by Sector, 1929-66

(cols. 1–6 in billions of 1958 dollars; cols. 7–12 are ratios, net to gross product)

Year	Net National Product (1)	Net Domestic Civilian Product (2)	Net Private Domestic Product (3)	Net Domestic Business Product			National Economy (7)	Domestic Civilian Economy (8)	Private Domestic Economy (9)	Domestic Business Economy		
				Total (4)	Farm (5)	Nonfarm (6)				Total (10)	Farm (11)	Nonfarm (12)
1929	188.3	185.6	170.8	161.9	16.8	145.1	.885	.889	.894	.895	.913	.893
1930	168.0	165.1	149.5	140.9	15.8	125.1	.871	.875	.879	.880	.908	.877
1931	154.8	152.1	136.1	127.9	18.1	109.8	.865	.868	.873	.874	.919	.867
1932	131.2	128.7	112.8	105.3	17.7	87.6	.851	.854	.859	.860	.922	.848
1933	130.0	127.6	110.7	103.4	17.4	86.0	.856	.860	.866	.866	.930	.854
1934	143.3	141.1	122.2	114.6	14.3	100.3	.871	.874	.881	.882	.917	.878
1935	158.9	156.6	136.5	128.7	16.3	112.4	.883	.886	.894	.895	.926	.891
1936	182.3	180.0	157.0	148.8	14.7	134.1	.894	.897	.904	.906	.913	.905
1937	192.0	189.8	167.7	159.2	17.6	141.6	.895	.898	.907	.908	.926	.906
1938	181.5	179.0	155.4	147.3	17.5	129.8	.888	.891	.900	.901	.921	.898
1939	198.6	196.2	172.2	163.7	18.0	145.7	.897	.900	.910	.911	.923	.909
1940	216.2	212.8	188.3	179.4	17.4	162.0	.900	.904	.914	.915	.921	.915
1941	252.0	244.1	218.3	209.5	18.8	190.7	.905	.911	.921	.923	.922	.923
1942	286.9	268.5	239.2	230.1	20.6	209.5	.906	.918	.928	.929	.928	.929
1943	328.4	289.3	255.7	247.3	19.5	227.8	.897	.926	.936	.937	.924	.938
1944	354.2	304.4	270.1	261.8	19.3	242.5	.842	.931	.940	.942	.928	.943
1945	347.7	298.0	265.2	257.0	17.9	239.1	.795	.928	.938	.939	.918	.941
1946	302.7	284.8	255.9	247.6	18.5	229.1	.851	.920	.930	.930	.916	.931
1947	296.7	286.4	259.1	250.4	16.7	233.7	.855	.912	.920	.921	.898	.923

1948	307.6	298.2	270.1	261.0	18.3	242.7	.864	.908	.915	.915	.893	.917
1949	305.9	296.3	267.3	257.9	17.4	240.5	.866	.902	.909	.909	.874	.912
1950	335.4	325.6	295.8	285.9	18.1	267.8	.878	.906	.913	.913	.866	.916
1951	361.9	346.7	314.8	304.7	16.8	287.9	.883	.907	.914	.914	.844	.918
1952	373.1	355.6	322.5	312.4	17.4	295.0	.887	.906	.913	.913	.845	.918
1953	390.5	372.8	339.5	329.0	18.3	310.7	.883	.907	.915	.915	.847	.919
1954	384.2	366.8	333.3	322.7	18.5	304.2	.874	.903	.911	.911	.845	.915
1955	414.1	397.6	362.8	351.3	19.1	332.2	.878	.907	.914	.914	.849	.918
1956	420.7	404.6	368.5	356.4	19.0	337.4	.876	.904	.911	.912	.848	.916
1957	426.1	410.2	372.9	360.4	18.4	342.0	.874	.902	.910	.910	.844	.914
1958	420.9	405.5	367.2	354.2	19.0	335.2	.870	.899	.907	.908	.844	.911
1959	449.1	433.9	394.7	381.3	19.2	362.1	.875	.903	.912	.912	.846	.916
1960	460.2	444.9	404.2	390.2	20.0	370.2	.875	.902	.911	.912	.851	.915
1961	468.9	452.6	411.0	396.7	20.5	376.2	.875	.901	.911	.911	.858	.914
1962	500.9	483.3	440.3	425.4	20.4	405.0	.880	.905	.914	.915	.857	.918
1963	520.7	503.3	458.9	443.6	21.0	422.6	.881	.905	.914	.915	.857	.918
1964	549.0	531.1	485.2	469.3	20.5	448.8	.882	.906	.915	.916	.851	.919
1965	583.0	565.0	517.2	501.0	22.0	479.0	.885	.906	.915	.916	.856	.919
1966	619.4	599.8	549.3	532.1	20.4	511.7	.887	.906	.915	.915	.843	.918

TABLE A-3

Nonbusiness Sectors of the National Economy: Capital Consumption Allowances and Property Income, 1929-66

(billions of 1958 dollars)

Year	Capital Consumption Allowances			Imputed Net Rentals		
	General Government		Private Nonprofit Institutions	General Government		Private Nonprofit Institutions
	Military	Civilian		Military	Civilian	
1929	1.4	2.9	1.2	0.3	3.1	1.5
1930	1.2	3.1	1.3	0.2	3.3	1.5
1931	1.1	3.3	1.3	0.2	3.5	1.6
1932	1.0	3.5	1.3	0.2	3.7	1.6
1933	1.0	3.6	1.2	0.2	3.8	1.5
1934	0.9	3.8	1.2	0.2	3.9	1.5
1935	0.9	3.9	1.1	0.2	4.1	1.4
1936	0.9	4.1	1.1	0.2	4.2	1.4
1937	1.0	4.4	1.1	0.2	4.4	1.4
1938	1.0	4.6	1.1	0.2	4.6	1.4
1939	1.1	4.8	1.0	0.2	4.8	1.3
1940	1.3	5.0	1.1	0.2	5.1	1.3
1941	2.5	5.2	1.0	0.3	5.4	1.3
1942	5.8	5.4	1.1	1.0	5.4	1.3
1943	14.8	5.5	1.0	2.3	5.4	1.2
1944	44.1	5.5	0.9	3.5	5.3	1.2
1945	66.7	5.4	0.9	3.8	5.2	1.1
1946	28.4	5.2	0.8	3.3	5.1	1.1
1947	22.7	5.3	0.9	2.7	5.1	1.1

1948	18.2	5.3	0.9	2.3	5.2	1.2
1949	14.9	5.5	1.0	2.0	5.4	1.2
1950	12.8	5.6	1.1	1.8	5.5	1.2
1951	12.0	5.9	1.1	1.7	5.6	1.3
1952	10.6	6.0	1.2	1.8	5.7	1.3
1953	13.6	6.3	1.1	2.2	5.8	1.4
1954	15.9	6.6	1.1	2.5	6.0	1.4
1955	16.9	6.8	1.2	2.6	6.1	1.5
1956	16.8	7.1	1.3	2.7	6.3	1.5
1957	16.9	7.5	1.4	2.7	6.5	1.6
1958	17.4	8.1	1.4	2.8	6.7	1.7
1959	17.6	8.5	1.5	2.9	6.8	1.7
1960	17.8	8.9	1.5	2.9	7.0	1.8
1961	17.3	9.3	1.6	3.0	7.1	1.9
1962	17.5	9.6	1.7	3.0	7.3	2.0
1963	17.7	9.8	1.8	3.1	7.5	2.1
1964	17.9	10.1	1.9	3.1	7.6	2.2
1965	17.7	10.5	2.0	3.1	7.9	2.3
1966	16.9	11.0	2.0	3.0	8.1	2.4

Note: These estimates make it possible to go from gross to net product in the nonbusiness sectors, and also provide the adjustments required to go from the published OBE real GNP estimates to those given in Table A-1.

TABLE A-4

Gross Private Domestic Business Product by Industry Segment, Key Years, 1948-66

	Billions of 1958 Dollars					Percentage of Total				
	1948	1953	1957	1960	1966	1948	1953	1957	1960	1966
Private domestic business economy[a]	285.1	359.6	396.1	428.0	581.4	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, and fisheries[b]	21.5	22.8	23.0	24.7	25.5	7.5	6.3	5.8	5.8	4.4
Farms[b]	20.5	21.6	21.8	23.5	24.2	7.2	6.0	5.5	5.5	4.2
Mining	10.7	12.0	13.6	13.1	15.5	3.8	3.3	3.4	3.1	2.7
Contract construction	14.1	18.9	21.1	21.7	24.4	4.9	5.3	5.3	5.1	4.2
Manufacturing	96.3	128.6	134.6	140.9	205.7	33.8	35.8	34.0	32.9	35.4
Nondurable goods industries	41.3	49.5	54.9	59.9	80.8	14.5	13.8	13.9	14.0	13.9
Durable goods industries	55.0	79.1	79.6	81.0	124.9	19.3	22.0	20.1	18.9	21.5
Transportation	20.7	21.2	22.5	22.5	31.2	7.3	5.9	5.7	5.3	5.4
Railroads	10.5	9.9	9.5	8.7	11.7	3.7	2.8	2.4	2.0	2.0

Communication	4.7	6.7	8.5	10.0	15.9	1.6	1.9	2.1	2.3	2.7
Telephone and telegraph	4.4	6.1	7.7	9.1	14.8	1.5	1.7	1.9	2.1	2.5
Electric, gas, and sanitary services	5.0	7.8	10.3	12.4	17.3	1.8	2.2	2.6	2.9	3.0
Wholesale and retail trade	54.2	64.9	75.1	82.3	111.7	19.0	18.0	19.0	19.2	19.2
Finance, insurance, and real estate[c]	35.0	45.2	55.5	62.5	85.2	12.3	12.6	14.0	14.6	14.6
Finance and insurance	9.9	11.9	14.1	14.9	16.4	3.5	3.3	3.6	3.5	2.8
Services (including government enterprises)	27.6	30.5	34.5	38.5	50.9	9.7	8.5	8.7	9.0	8.7
Residual[d]	−4.7	1.0	−2.6	−0.6	−1.9	−1.6	0.3	−0.7	−0.1	−0.3

Source: "Revised Estimates of GNP by Major Industries," *Survey of Current Business,* April 1967, and "1967 GNP by Major Industries," ibid., April 1968, with adjustments described in footnotes. Details may not add to totals because of rounding.

[a] Table A-1, column 9.

b Includes gross rents paid to nonfarm landlords by farmers.

[c] Excludes gross rents paid to nonfarm landlords by farmers.

[d] Residual differs slightly from OBE numbers in several years due to rounding.

TABLE A-5

Private Domestic Economy: Persons Engaged by Class of Worker, Key Years, 1948-66

(cols. 1–4 are in thousands; cols. 5–6 are percentages)

Year	Proprietors and Unpaid Family Workers[a] (1)	Employees		Persons Engaged (4)	Proprietors and Family Workers as Proportion of Persons Engaged (5)	Full and Part-Time Employees as Proportion of Full-Time Equivalents (6)
		Full-Time Equivalent (2)	Full and Part-Time (3)			
1948	12,382	41,963	44,254	54,345	22.8	105.5
1953	11,610	45,791	48,688	57,401	20.2	106.3
1957	10,947	47,060	50,551	58,007	18.9	107.4
1960	10,675	47,324	51,201	57,999	18.4	108.2
1966	9,734	53,925	58,626	63,659	15.3	108.7

Note: Relates to *Productivity Trends,* Table A-V.

[a] For the farm sector, proprietors and family workers are adjusted to full-time equivalents

TABLE A-6

National Economy: Persons Engaged by Sector, 1948-66
(thousands)

Year	Total[a]		General Government			Households and Nonprofit Institutions	Private Domestic Business Economy		
	Including Military	Civilian	Total	Military	Civilian		Total	Farm	Nonfarm
1948	60,452	58,984	6,107	1,468	4,639	3,128	51,217	7,980	43,237
1949	58,938	57,334	6,425	1,604	4,821	3,211	49,302	7,672	41,630
1950	60,668	58,974	6,650	1,694	4,956	3,425	50,593	7,643	42,950
1951	64,699	61,575	8,505	3,124	5,381	3,462	52,732	7,350	45,382
1952	65,785	62,147	9,217	3,638	5,579	3,381	53,187	7,045	46,142
1953	66,582	63,037	9,181	3,545	5,636	3,439	53,962	6,825	47,137
1954	64,569	61,243	9,007	3,326	5,681	3,405	52,157	6,661	45,496
1955	65,771	62,746	8,879	3,025	5,854	3,718	53,174	6,452	46,722
1956	66,905	64,057	8,951	2,848	6,103	3,897	54,057	6,047	48,010
1957	67,099	64,313	9,092	2,786	6,306	3,988	54,019	5,852	48,167
1958	65,374	62,742	9,131	2,632	6,499	4,155	52,088	5,777	46,311
1959	66,643	64,100	9,204	2,543	6,661	4,264	53,175	5,653	47,522
1960	67,449	64,933	9,450	2,516	6,934	4,409	53,590	5,434	48,156
1961	67,244	64,646	9,730	2,598	7,132	4,506	53,008	5,327	47,681
1962	68,578	65,778	10,182	2,800	7,382	4,655	53,741	5,159	48,582
1963	69,262	66,539	10,364	2,723	7,641	4,770	54,128	5,019	49,109
1964	70,522	67,802	10,635	2,720	7,915	4,886	55,001	4,705	50,296
1965	72,494	69,762	11,001	2,732	8,269	5,008	56,485	4,320	52,165
1966	75,674	72,518	12,015	3,156	8,859	5,201	58,458	4,015	54,443

Note: Relates to *Productivity Trends*, Table A-VI.

[a] With respect to labor, the national and domestic economies are practically identical.

TABLE A-7

National Economy: Persons Engaged, by Sector and by Industry Segment, Key Years, 1948-66
(thousands)

	1948	1953	1957	1960	1966
National economy	60,452	66,582	67,099	67,449	75,674
National civilian economy	58,984	63,037	64,313	64,933	72,518
General government, civilian	4,639	5,636	6,306	6,934	8,859
Private domestic economy	54,345	57,401	58,007	57,999	63,659
Households and nonprofit institutions	3,128	3,439	3,988	4,409	5,201
Private domestic business economy	51,217	53,962	54,019	53,590	58,458
Farm	7,980	6,825	5,852	5,434	4,015
Nonfarm	43,237	47,137	48,167	48,156	54,443
Private domestic business, nonfarm					
Agricultural services, forestry, fisheries	286	313	311	302	327
Mining	1,033	916	881	737	668
Contract construction	3,330	3,646	3,706	3,671	4,169
Manufacturing	16,001	18,046	17,651	17,163	19,652
Transportation	3,021	2,976	2,783	2,559	2,575
Communication and public utilities	1,282	1,409	1,518	1,466	1,571
Trade	10,908	11,644	12,233	12,546	13,888
Finance, insurance, real estate	1,949	2,322	2,632	2,791	3,199
Services	4,694	4,992	5,550	5,953	7,235
Government enterprises	733	873	902	968	1,159

Note: Relates to *Productivity Trends,* Table A-VII.

TABLE A-8

National and Civilian Economy: Persons Engaged—Comparison of Industry Aggregate and Census-based Series, Decennial, 1930-60

Year	National Economy			National Civilian Economy		
	Based on Census of Population (millions)	Industry Aggregate	Ratio: Industry Aggregate to Census	Based on Census of Population (millions)	Industry Aggregate	Ratio: Industry Aggregate to Census
1930	45.7	45.5	1.00	45.5	45.2	0.99
1940	48.1	49.6	1.03	47.5	49.1	1.03
1950	61.4	60.7	0.99	59.7	59.0	0.99
1960	68.9	67.4	0.98	66.4	64.9	0.98

Source: *Census data: Economic Report of the President,* January 1967, p. 236. 1950 and 1960 are not strictly comparable with 1930 and 1940 due to new definitions of employment. In *Productivity Trends,* Table A-VIII, Clarence D. Long's estimates of employment were used. Here we change to labor force data. *Industry aggregate:* 1950 and 1960, Table A-6; 1930 and 1940, *Productivity Trends,* Table A-VI.

TABLE A-9

National Economy: Average Hours Worked per Week, by Sector and by Industry Segment, Key Years, 1948-66

	1948	1953	1957	1960	1966
National economy	41.8	40.3	39.7	39.8	39.6
National civilian economy	42.0	40.7	39.9	40.0	39.8
General government, civilian	34.5	34.3	34.0	33.9	33.6
Private domestic economy	42.6	41.3	40.6	40.7	40.7
Households and nonprofit organizations	38.1	37.5	35.1	35.4	35.1
Private domestic business economy	42.9	41.5	41.0	41.1	41.2
Farm	49.2	44.4	44.6	43.6	43.4
Nonfarm	41.7	41.1	40.6	40.8	41.0
Private domestic business, nonfarm					
Agricultural services, forestry, fisheries	43.1	42.8	42.2	42.4	43.2
Mining	39.7	39.1	40.2	40.6	42.6
Contract construction	39.8	39.4	38.2	37.9	38.7
Manufacturing	39.0	38.6	37.8	38.2	39.3
Transportation	47.1	43.9	44.1	43.9	45.5
Communication and public utilities	40.7	40.0	40.1	40.4	41.2
Trade	45.3	45.0	44.6	44.9	43.5
Finance, insurance, real estate	40.7	40.6	39.3	39.7	40.3
Services	42.4	42.3	41.4	41.8	40.9
Government enterprises	37.5	37.2	37.1	37.1	37.4

Note: Relates to *Productivity Trends,* Table A-IX.

Source: Man-hour estimates (Table A-11) divided by corresponding estimates of persons engaged (Table A-7) and 52 (weeks in the year).

TABLE A-10

National Economy: Man-Hours by Sector, 1948-66
(millions)

Year	Total		General Government			Households and Nonprofit Institutions	Private Domestic Business		
	Including Military	Civilian	Total	Military	Civilian		Total	Farm	Nonfarm
1948	131,390	128,783	10,924	2,607	8,317	6,203	114,263	20,407	93,856
1949	127,537	124,688	11,448	2,849	8,599	6,240	109,849	20,463	89,386
1950	129,917	126,908	11,874	3,009	8,865	6,626	111,417	18,864	92,553
1951	137,322	131,774	15,159	5,548	9,611	6,643	115,520	17,850	97,670
1952	139,575	133,027	16,548	6,548	10,000	6,541	116,486	16,947	99,539
1953	139,709	133,328	16,445	6,381	10,064	6,712	116,552	15,756	100,796
1954	134,269	128,282	16,083	5,987	10,096	6,413	111,773	15,269	96,504
1955	138,157	132,712	15,870	5,445	10,425	6,934	115,353	15,527	99,826
1956	139,996	134,870	15,962	5,126	10,836	7,166	116,868	14,821	102,047
1957	138,586	133,571	16,152	5,015	11,137	7,278	115,156	13,575	101,581
1958	133,653	128,915	16,190	4,738	11,452	7,526	109,937	12,579	97,358
1959	137,696	133,119	16,367	4,577	11,790	7,712	113,617	12,556	101,061
1960	139,504	134,975	16,767	4,529	12,238	8,125	114,612	12,329	102,283
1961	138,076	133,400	17,279	4,676	12,603	8,227	112,570	11,536	101,034
1962	141,143	136,103	18,092	5,040	13,052	8,403	114,648	11,259	103,389
1963	142,457	137,556	18,385	4,901	13,484	8,655	115,417	10,640	104,777
1964	145,345	140,449	18,840	4,896	13,944	8,784	117,721	10,232	107,489
1965	150,001	145,083	19,449	4,918	14,531	9,122	121,430	9,964	111,466
1966	155,741	150,060	21,166	5,681	15,485	9,497	125,078	9,056	116,022

Note: Relates to *Productivity Trends*, Table A-X.

TABLE A-11

National Economy: Man-Hours by Sector and by Industry Segment, Key Years, 1948-66
(millions)

	1948	1953	1957	1960	1966
National economy	131,390	139,709	138,586	139,504	155,741
National civilian economy	128,783	133,328	133,571	134,975	150,060
General government, civilian	8,317	10,064	11,137	12,238	15,485
Private domestic economy	120,466	123,264	122,434	122,737	134,575
Households and nonprofit institutions	6,203	6,712	7,278	8,125	9,497
Private domestic business economy	114,263	116,552	115,156	114,612	125,078
Farm	20,407	15,756	13,575	12,329	9,056
Nonfarm	93,856	100,796	101,581	102,283	116,022
Private domestic business, nonfarm					
Agricultural services, forestry, fisheries	641	696	682	666	735
Mining	2,135	1,863	1,842	1,557	1,480
Contract construction	6,898	7,462	7,363	7,228	8,395
Manufacturing	32,459	36,215	34,744	34,059	40,177
Transportation	7,396	6,799	6,378	5,837	6,098
Communication and public utilities	2,715	2,934	3,163	3,082	3,369
Trade	25,704	27,249	28,341	29,279	31,406
Finance, insurance, real estate	4,124	4,902	5,380	5,761	6,705
Services	10,356	10,989	11,948	12,945	15,405
Government enterprises	1,428	1,687	1,740	1,869	2,252

Note: Relates to *Productivity Trends,* Table A-XI.

TABLE A-12

Employment, Average Hours, and Man-Hours:
Comparison of Industry Composite with Census and BLS Estimates, 1948-66

A. Civilian Economy

Year	Employment (thousands)			Avg. Hours Worked per Week			Man-Hours (millions)		
	MRLF[a] (1)	Industry Composite (2)	Ratio (2)÷(1) (3)	MRLF[b] (4)	Industry Composite (8)÷(2)÷52 (5)	Ratio (5)÷(4) (6)	MRLF (1)×(4)×52 (7)	Industry Composite (8)	Ratio (8)÷(7) (9)
1948	58,344	58,984	1.011	43.2	42.0	.972	132,800	128,783	.970
1949	57,649	57,334	.995	42.6	41.8	.981	129,419	124,688	.963
1950	58,920	58,974	1.001	42.4	41.4	.976	131,732	126,908	.963
1951	59,962	61,575	1.027	42.5	41.2	.969	134,333	131,774	.981
1952	60,254	62,147	1.031	42.4	41.2	.972	134,570	133,027	.989
1953	61,181	63,037	1.030	42.2	40.7	.964	135,932	133,328	.981
1954	60,110	61,243	1.019	41.6	40.3	.969	131,717	128,282	.974
1955	62,171	62,746	1.009	41.8	40.7	.974	136,815	132,712	.970
1956	63,802	64,057	1.004	41.6	40.5	.974	139,976	134,870	.964
1957	64,071	64,313	1.004	41.1	39.9	.971	138,942	133,571	.961
1958	63,036	62,742	.995	40.7	39.5	.971	135,378	128,915	.952
1959	64,630	64,100	.992	40.8	39.9	.978	139,137	133,119	.957
1960	65,778	64,933	.987	40.8	40.0	.980	141,470	134,975	.954
1961	65,746	64,646	.983	40.5	39.7	.980	140,672	133,400	.948
1962	66,702	65,778	.986	40.6	39.8	.980	143,236	136,103	.950
1963	67,762	66,539	.982	40.6	39.8	.980	145,270	137,556	.947
1964	69,305	67,802	.978	40.4	39.8	.985	147,806	140,449	.950
1965	71,088	69,762	.981	40.7	40.0	.983	152,760	145,083	.950
1966	72,895	72,518	.995	40.5	39.8	.983	155,981	150,060	.962

B. Private Economy

Year	Man-Hours (millions)			Man-Hour Ratios	
	BLS Series			Industry Composite to	
	Establishment Basis (10)	Labor Force Basis (11)	Industry Composite (12)	BLS, Establishment Basis (12)÷(10) (13)	BLS, Labor Force Basis (12)÷(11) (14)
1948	124,688	118,978	120,466	.966	1.013
1949	120,551	115,977	116,089	.963	1.001
1950	122,900	117,151	118,043	.960	1.008
1951	126,840	119,120	122,163	.963	1.026
1952	127,611	118,509	123,027	.964	1.038
1953	128,681	119,025	123,264	.958	1.036
1954	124,086	114,349	118,186	.952	1.034
1955	128,920	118,923	122,287	.949	1.028
1956	131,153	121,258	124,034	.946	1.023
1957	129,253	119,715	122,434	.947	1.023
1958	123,855	115,624	117,463	.948	1.016
1959	127,856	118,925	121,329	.949	1.020
1960	128,956	120,501	122,737	.952	1.019
1961	127,064	119,493	120,797	.951	1.011
1962	129,595	121,284	123,051	.950	1.015
1963	130,361	122,197	124,072	.952	1.015
1964	132,567	124,662	126,505	.954	1.015
1965	136,868	128,613	130,552	.954	1.015
1966	140,291	131,132	134,575	.959	1.026

Note: Relates to *Productivity Trends,* Table A-XII.

[a]Household data from Employment and Earnings and *Monthly Report on the Labor Force,* July 1967, Table A-1, persons 16 years and over.

[b]Adjusted for holiday weeks.

TABLE A-13

National Economy: Real Labor Input and Man-Hours—Effect of Interindustry Man-Hour Shifts by Sector, Key Years, 1948-66
(1958 = 100)

	1948	1953	1957	1960	1966
National economy					
Labor input	95.2	104.6	104.3	104.8	120.3
Man-hours	98.3	104.5	103.7	104.4	116.5
Ratio (1)÷(2)	0.968	1.001	1.006	1.004	1.033
Private economy					
Labor input	99.7	105.3	105.1	104.9	118.3
Man-hours	102.6	104.9	104.2	104.5	114.6
Ratio (4)÷(5)	0.972	1.004	1.009	1.004	1.032
Private business economy					
Labor input	100.6	106.0	105.5	104.8	118.1
Man-hours	103.9	106.0	104.7	104.3	113.8
Ratio (7)÷(8)	0.968	1.000	1.008	1.005	1.038
Private nonfarm business economy					
Labor input	97.3	105.1	105.4	105.1	120.2
Man-hours	96.4	103.5	104.3	105.1	119.2
Ratio (10)÷(11)	1.009	1.015	1.011	1.000	1.008
Effect of government-private shifts (3)÷(6)	0.996	0.997	0.997	1.000	1.001
Effect of farm-nonfarm shifts (9)÷(12)	0.959	0.985	0.997	1.005	1.030

Note: Relates to *Productivity Trends*, Table A-XIII.

TABLE A-14

National Economy: Distribution of Labor Input, Man-Hours, and Persons Engaged by Sector and by Industry Segment, 1948, 1957, and 1966
(per cent)

	1948			1957			1966		
	Persons Engaged	Man-Hours	Labor Input[a]	Persons Engaged	Man-Hours	Labor Input[a]	Persons Engaged	Man-Hours	Labor Input[a]
National economy	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Military	2.4	2.0	2.1	4.2	3.6	3.6	4.2	3.7	3.5
Civilian	97.6	98.0	97.9	95.8	96.4	96.4	95.8	96.3	96.5
General government, civilian	7.7	6.3	8.2	9.4	8.0	10.0	11.7	9.9	12.1
Private economy	89.9	91.7	89.7	86.4	88.4	86.4	84.1	86.4	84.4
Households and nonprofit institutions	5.2	4.7	3.3	5.9	5.3	3.6	6.9	6.1	4.0
Private business economy	84.7	87.0	86.4	80.5	83.1	82.8	77.2	80.3	80.3
Farm	13.2	15.5	6.1	8.7	9.8	3.7	5.3	5.8	2.1
Nonfarm	71.5	71.5	80.3	71.8	73.3	79.1	71.9	74.5	78.2
Private business, nonfarm									
Agricultural services, forestry, fisheries	0.5	0.5	0.4	0.5	0.5	0.4	0.4	0.5	0.3
Mining	1.7	1.6	2.3	1.3	1.3	1.7	0.9	0.9	1.2
Contract construction	5.5	5.3	6.9	5.5	5.3	6.7	5.5	5.4	6.6
Manufacturing	26.5	24.7	31.7	26.3	25.1	31.5	26.0	25.8	31.7
Transportation	5.0	5.6	7.3	4.2	4.6	5.6	3.4	3.9	4.5
Communication and public utilities	2.1	2.1	2.6	2.3	2.3	2.8	2.1	2.2	2.6
Trade	18.0	19.6	17.2	18.2	20.4	17.2	18.3	20.2	16.7
Finance, insurance, real estate	3.2	3.1	3.4	3.9	3.9	4.2	4.2	4.3	4.5
Services	7.8	7.9	7.1	8.3	8.6	7.5	9.6	9.9	8.4
Government enterprises	1.2	1.1	1.4	1.3	1.3	1.5	1.5	1.4	1.7

Note: Relates to *Productivity Trends*, Table A-XIV.

[a] Absolute figures on which these percentages are based were derived by multiplying 1958 labor compensation by labor input indexes and summing to sector totals.

TABLE A-15

National Economy: Real Net Capital Stocks, by Sector, 1929-66
(billions of 1958 dollars)

Year	National Economy (1)	National Civilian Economy (2)	Net Foreign Assets (3)	Domestic Civilian Economy (4)	General Govt., Civilian (5)	Private Domestic Economy (6)	Nonprofit Institution (7)
1929	788.0	777.9	23.9	754.0	101.1	652.9	32.8
1930	806.2	797.0	25.0	772.0	109.1	662.9	33.8
1931	811.5	803.1	25.2	777.9	118.8	659.1	34.4
1932	803.8	796.0	24.2	771.8	126.9	644.9	34.4
1933	785.6	778.3	22.1	756.2	129.6	626.6	33.9
1934	769.7	762.8	19.9	742.9	131.2	611.7	33.0
1935	763.8	757.2	16.8	740.4	136.6	603.8	32.0
1936	766.8	760.4	12.7	747.7	143.8	603.9	31.2
1937	779.2	773.0	9.7	763.3	152.4	610.9	30.6
1938	790.8	784.7	7.8	776.9	162.6	614.3	30.1
1939	798.3	792.0	5.6	786.4	172.7	613.7	29.6
1940	815.3	807.1	2.9	804.2	183.4	620.8	29.1
1941	843.3	830.5	2.8	827.7	190.3	637.4	28.7
1942	884.9	847.8	3.8	844.0	195.3	648.7	28.1
1943	935.6	847.3	3.7	843.6	198.2	645.4	27.2
1944	977.2	841.4	3.2	838.2	199.2	639.0	26.2
1945	980.4	834.0	2.3	831.7	196.0	635.7	25.6
1946	974.7	847.7	5.7	842.0	193.7	648.3	25.2
1947	989.0	883.4	12.2	871.2	194.7	676.5	25.2
1948	1,004.8	915.8	15.4	900.4	198.8	701.6	25.4
1949	1,027.1	950.9	16.8	934.1	203.5	730.6	26.0
1950	1,050.3	982.8	16.9	965.9	205.9	760.0	26.8
1951	1,090.3	1,026.8	16.4	1,010.4	211.0	799.4	27.7
1952	1,137.3	1,066.2	16.3	1,049.9	217.3	832.6	28.5
1953	1,186.9	1,101.0	16.8	1,084.2	222.5	861.7	29.3
1954	1,228.1	1,132.4	17.0	1,115.4	225.4	890.0	30.3
1955	1,270.8	1,170.8	16.3	1,154.5	231.0	923.5	31.4
1956	1,318.1	1,216.1	17.3	1,198.8	237.2	961.6	32.6
1957	1,362.6	1,257.5	20.5	1,237.0	243.8	993.2	34.0
1958	1,399.9	1,291.1	23.0	1,268.1	252.1	1,016.0	35.6
1959	1,435.2	1,323.4	22.8	1,300.6	258.0	1,042.6	37.2
1960	1,473.8	1,360.8	24.1	1,336.7	262.2	1,074.5	39.0
1961	1,508.1	1,394.1	27.0	1,367.1	267.5	1,099.6	40.8
1962	1,545.6	1,429.2	30.1	1,399.1	273.8	1,125.3	42.7
1963	1,588.1	1,469.3	33.2	1,436.1	280.0	1,156.1	44.6
1964	1,635.1	1,515.3	36.6	1,478.7	287.3	1,191.4	46.8
1965	1,692.6	1,574.6	40.8	1,533.8	295.6	1,238.2	49.6
1966	1,763.5	1,647.2	44.0	1,603.2	305.2	1,298.0	52.6

Note: Relates to *Productivity Trends*, Table A–XV.

Private Domestic Business Economy

Total (8)	Farm (9)	Nonfarm				
		Total (10)	Residential (11)	Nonresidential		
				Total (12)	Manufacturing (13)	Nonmanufacturing (14)
620.1	148.0	472.1	204.6	267.5	79.2	188.2
629.1	147.8	481.3	207.7	273.6	82.6	190.9
624.7	147.5	477.2	207.8	269.4	81.8	187.6
610.5	147.4	463.1	206.5	256.6	76.8	179.7
592.7	146.4	446.3	203.7	242.6	71.6	171.0
578.7	143.8	434.9	200.5	234.4	68.8	165.6
571.8	142.7	429.1	198.4	230.7	67.6	163.1
572.7	142.8	429.9	197.7	232.2	68.2	164.0
580.3	143.3	437.0	197.8	239.2	71.1	168.1
584.2	144.4	439.8	198.2	241.6	71.5	170.0
584.1	144.6	439.5	199.8	239.7	70.1	169.6
591.7	145.2	446.5	203.1	243.4	71.8	171.6
608.7	146.5	462.2	207.2	255.0	77.4	177.5
620.6	148.2	472.4	209.2	263.2	82.7	180.6
618.2	148.9	469.3	207.7	261.6	83.8	177.8
612.8	148.4	464.4	205.2	259.2	82.3	176.9
610.1	147.8	462.3	202.1	260.2	79.9	180.4
623.1	148.0	475.1	203.5	271.6	84.8	186.8
651.3	149.1	502.2	212.2	290.0	92.4	197.5
676.2	151.8	524.4	223.5	300.9	97.4	203.4
704.6	155.5	549.1	235.4	313.7	101.0	212.8
733.2	158.8	574.4	250.6	323.8	103.4	220.4
771.7	162.4	609.3	266.4	342.9	111.0	231.9
804.1	165.2	638.9	278.9	360.0	119.3	240.8
832.4	166.7	665.7	291.5	374.2	124.7	249.5
859.7	167.7	692.0	305.6	386.4	127.4	259.0
892.1	168.5	723.6	322.8	400.8	129.7	271.0
929.0	168.2	760.8	339.6	421.2	135.9	285.4
959.2	167.6	791.6	352.2	439.4	141.8	297.5
980.4	167.8	812.6	363.4	449.2	143.3	305.8
1,005.4	168.2	837.2	377.8	459.4	144.6	314.8
1,035.5	168.4	867.1	392.7	474.4	147.6	326.8
1,058.8	168.6	890.2	404.0	486.2	149.6	336.6
1,082.6	169.4	913.2	414.0	499.2	152.3	347.0
1,111.5	170.5	941.0	425.2	515.8	155.6	360.2
1,144.6	170.8	973.8	438.4	535.4	159.9	375.6
1,188.6	171.1	1,017.5	456.2	561.3	167.2	394.2
1,245.4	171.6	1,073.8	477.8	596.0	179.6	416.4

TABLE A-16

National Economy: Real Gross Capital Stocks, by Sector, 1929-66
(billions of 1958 dollars)

Year	National Economy (1)	National Civilian Economy (2)	Net Foreign Assets (3)	Domestic Civilian Economy (4)	General Govt., Civilian (5)	Private Domestic Economy (6)	Nonprofit Organization (7)
1929	1,092.3	1,064.7	23.9	1,040.8	145.6	895.2	52.2
1930	1,118.9	1,093.7	25.0	1,068.7	154.9	913.8	53.9
1931	1,134.5	1,111.5	25.2	1,086.3	166.5	919.8	55.2
1932	1,137.2	1,116.0	24.2	1,091.8	176.6	915.2	56.1
1933	1,128.5	1,108.6	22.1	1,086.5	180.8	905.7	56.3
1934	1,121.6	1,102.8	19.9	1,082.9	184.4	898.5	56.0
1935	1,123.0	1,104.9	16.8	1,088.1	191.5	896.6	55.8
1936	1,133.0	1,115.4	12.7	1,102.7	201.0	901.7	55.6
1937	1,152.1	1,135.0	9.7	1,125.3	211.4	913.9	55.4
1938	1,170.2	1,153.3	7.8	1,145.5	222.9	922.6	55.1
1939	1,182.2	1,164.8	5.6	1,159.2	233.9	925.3	54.8
1940	1,208.4	1,186.4	2.9	1,183.5	249.7	933.8	54.2
1941	1,249.1	1,215.8	2.8	1,213.0	258.6	954.4	53.7
1942	1,339.1	1,246.3	3.8	1,242.5	266.2	976.3	52.8
1943	1,472.3	1,260.3	3.7	1,256.6	271.3	985.3	51.4
1944	1,573.1	1,265.1	3.2	1,261.9	273.0	988.9	50.1
1945	1,573.3	1,261.2	2.3	1,258.9	270.7	988.2	49.0
1946	1,564.5	1,277.9	5.7	1,272.2	271.6	1,000.6	48.6
1947	1,605.5	1,323.0	12.2	1,310.8	277.6	1,033.2	48.8
1948	1,639.7	1,374.3	15.4	1,358.9	286.9	1,072.0	49.0
1949	1,660.6	1,424.0	16.8	1,407.2	296.8	1,110.4	49.7
1950	1,686.7	1,473.0	16.9	1,456.1	303.8	1,152.3	50.6
1951	1,742.2	1,534.7	16.4	1,518.3	313.1	1,205.2	51.4
1952	1,811.4	1,589.9	16.3	1,573.6	323.4	1,250.2	51.9
1953	1,880.4	1,640.8	16.8	1,624.0	332.6	1,291.4	52.5
1954	1,936.5	1,689.9	17.0	1,672.9	340.2	1,332.7	53.6
1955	1,996.8	1,746.8	16.3	1,730.5	350.0	1,380.5	54.9
1956	2,073.3	1,810.3	17.3	1,793.0	359.6	1,433.4	56.1
1957	2,149.7	1,868.9	20.5	1,848.4	370.6	1,477.8	57.4
1958	2,203.6	1,919.8	23.0	1,896.8	382.9	1,513.9	59.2
1959	2,256.3	1,970.1	22.8	1,947.3	392.4	1,554.9	61.0
1960	2,315.9	2,025.2	24.1	2,001.1	400.0	1,601.1	63.0
1961	2,366.5	2,075.5	27.0	2,048.5	408.6	1,639.9	65.0
1962	2,422.7	2,127.1	30.1	2,097.0	418.8	1,678.2	67.0
1963	2,485.6	2,185.4	33.2	2,152.2	430.0	1,722.2	69.0
1964	2,551.6	2,250.5	36.6	2,213.9	442.3	1,771.6	71.0
1965	2,628.3	2,331.9	40.8	2,291.1	455.1	1,836.0	74.4
1966	2,722.6	2,430.4	44.0	2,386.4	470.0	1,916.4	78.9

Private Domestic Business Economy

		Nonfarm				
				Nonresidential		
Total (8)	Farm (9)	Total (10)	Residential (11)	Total (12)	Manufacturing (13)	Nonmanufacturing (14)
843.0	185.4	657.6	244.1	413.5	116.4	297.1
859.9	186.0	673.9	251.2	422.7	120.8	301.9
864.6	186.8	677.8	256.4	421.4	121.0	300.5
859.1	187.8	671.3	260.6	410.7	116.8	293.8
849.4	187.6	661.8	263.7	398.1	112.2	285.9
842.5	185.6	656.9	266.1	390.8	109.8	280.9
840.8	184.8	656.0	268.4	387.6	109.0	278.6
846.1	184.7	661.4	271.4	390.0	109.8	280.2
858.5	184.6	673.9	275.3	398.6	112.8	285.8
867.5	185.0	682.5	279.8	402.7	113.3	289.4
870.5	184.5	686.0	284.8	401.2	111.8	289.3
879.6	184.4	695.2	290.6	404.6	113.4	291.2
900.7	185.1	715.6	298.8	416.8	119.0	297.9
923.5	186.4	737.1	309.5	427.6	124.2	303.4
933.9	186.4	747.5	318.9	428.6	125.1	303.5
938.8	185.3	753.5	325.8	427.7	123.2	304.6
939.2	184.4	754.8	325.2	429.6	120.6	309.0
952.0	184.2	767.8	327.6	440.2	125.4	314.9
984.4	184.7	799.7	342.6	457.1	133.2	323.8
,023.0	187.4	835.6	361.2	474.4	139.1	335.4
,060.7	192.1	868.6	380.0	488.6	143.8	344.8
,101.7	196.6	905.1	403.5	501.6	147.9	353.8
,153.8	201.4	952.4	427.5	524.9	157.4	367.6
,198.3	205.3	993.0	446.2	546.8	167.6	379.2
,238.9	208.2	1,030.7	465.0	565.7	175.2	390.5
,279.1	210.6	1,068.5	486.0	582.5	180.2	402.2
,325.6	213.0	1,112.6	510.6	602.0	185.1	417.0
,377.3	214.3	1,163.0	534.6	628.4	193.9	434.4
,420.4	215.0	1,205.4	552.6	652.8	202.7	450.1
,454.7	216.2	1,238.5	569.5	669.0	206.9	462.1
,493.9	217.6	1,276.3	590.9	685.4	210.8	474.6
,538.1	219.2	1,318.9	612.0	706.9	216.2	490.6
,574.9	221.0	1,353.9	627.6	726.3	220.8	505.4
611.2	222.9	1,388.3	641.1	747.2	226.1	521.2
653.2	224.7	1,428.5	656.5	772.0	231.6	540.4
700.6	225.4	1,475.2	674.6	800.6	238.0	562.7
761.6	226.2	1,535.4	699.8	835.6	247.5	588.0
837.5	227.3	1,610.2	730.6	879.6	262.6	617.1

TABLE A-17

National Economy: Real Gross Product, Inputs, and Productivity Ratios,[a] 1929-66

(1958=100)

Year	Real Gross Product[a]	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1929	45.0	72.9	61.7	90.0	50.0	79.6	56.5	58.8	76.5	74.7	60.2
1930	40.8	69.6	58.6	84.2	48.5	73.6	55.4	60.4	67.5	70.9	57.5
1931	38.1	65.2	58.4	77.6	49.1	66.5	57.3	60.5	63.0	65.8	57.9
1932	33.0	60.1	54.9	69.1	47.8	58.2	56.7	58.5	56.4	59.3	55.6
1933	32.2	60.7	53.0	69.2	46.5	58.4	55.1	56.3	57.2	58.8	54.8
1934	34.9	65.4	53.4	69.3	50.4	59.7	58.5	55.7	62.7	59.5	58.7
1935	37.8	67.7	55.8	73.1	51.7	63.4	59.6	54.0	70.0	61.7	61.3
1936	42.7	72.1	59.2	79.9	53.4	70.3	60.7	54.1	78.9	66.7	64.0
1937	44.8	73.8	60.7	83.3	53.8	73.1	61.3	55.2	81.2	69.0	64.9
1938	42.9	71.0	60.4	77.6	55.3	67.4	63.6	55.5	77.3	64.9	66.1
1939	46.5	73.1	63.6	81.2	57.3	71.2	65.3	55.3	84.1	67.6	68.8
1940	50.0	76.0	65.8	84.8	59.0	75.0	66.7	55.9	89.4	70.5	70.9
1941	57.7	82.8	69.7	92.9	62.1	85.5	67.5	58.4	98.8	79.0	73.0
1942	64.8	90.4	71.7	103.4	62.7	98.3	65.9	60.9	106.4	89.0	72.8
1943	73.5	99.3	74.0	116.9	62.9	115.4	63.7	62.0	118.5	101.8	72.2
1944	83.5	101.1	82.6	119.7	69.8	118.9	70.2	62.5	133.6	104.4	80.0
1945	86.7	98.5	88.0	112.2	77.3	111.0	78.1	62.4	138.9	98.6	87.9
1946	73.0	90.4	80.8	98.5	74.1	94.9	76.9	64.1	113.9	87.4	83.5
1947	71.6	90.9	78.8	97.6	73.4	94.1	76.1	67.4	106.2	87.8	81.5

1948	73.8	92.5	79.8	98.3	75.1	95.2	77.5	69.6	106.0	89.2	82.7
1949	73.3	90.2	81.3	95.4	76.8	91.7	79.9	72.0	101.8	87.4	83.9
1950	79.4	92.8	85.6	97.2	81.7	94.3	84.2	74.0	107.3	89.9	88.3
1951	84.9	99.0	85.8	102.7	82.7	101.5	83.6	77.7	109.3	96.1	88.3
1952	87.0	100.6	86.5	104.4	83.3	103.8	83.8	81.6	106.6	99.0	87.9
1953	91.4	101.8	89.8	104.5	87.5	104.6	87.4	84.7	107.9	100.4	91.0
1954	90.8	98.8	91.9	100.5	90.3	99.8	91.0	87.4	103.9	97.2	93.4
1955	97.5	100.6	96.9	103.4	94.3	103.0	94.7	90.2	108.1	100.3	97.2
1956	99.3	102.3	97.1	104.7	94.8	104.7	94.8	94.1	105.5	102.5	96.9
1957	100.8	102.6	98.2	103.7	97.2	104.3	96.6	97.6	103.3	102.9	98.0
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	106.1	101.9	104.1	103.0	103.0	103.4	102.6	102.2	103.8	103.1	102.9
1960	108.8	103.2	105.4	104.4	104.2	104.8	103.8	105.2	103.4	104.9	103.7
1961	110.7	102.9	107.6	103.3	107.2	104.0	106.4	107.8	102.7	104.8	105.6
1962	117.7	104.9	112.2	105.6	111.5	106.8	110.2	110.5	106.5	107.6	109.4
1963	122.2	105.9	115.4	106.6	114.6	108.3	112.8	113.7	107.5	109.4	111.7
1964	128.6	107.9	119.2	108.7	118.3	110.8	116.1	117.6	109.4	112.2	114.6
1965	136.2	110.9	122.8	112.2	121.4	114.7	118.7	122.5	111.2	116.4	117.0
1966	144.4	115.8	124.7	116.5	123.9	120.3	120.0	128.8	112.1	122.1	118.3

Note: The real product and productivity estimates for the national economy are subject to downward bias because of the inclusion of real government product estimates, which do not allow for productivity changes in general government.

[a] For productivity comparisons, real product is weighted by the Marshall-Edgeworth formula, as described in the appendix text, so its movements differ somewhat from the estimates presented in Table A-1. This is also the case with real product indexes at the various sectoral levels, presented in subsequent tables.

TABLE A-17a

National Economy: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1929-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1929	49.9	90.2	68.8	65.4
1930	51.2	79.7	65.7	62.1
1931	51.5	74.0	61.6	61.9
1932	51.5	64.1	56.6	58.3
1933	50.9	63.3	56.5	57.0
1934	50.5	69.1	57.1	61.1
1935	50.4	75.0	59.3	63.7
1936	50.6	84.4	63.5	67.2
1937	51.5	87.0	65.5	68.4
1938	52.1	82.3	62.2	69.0
1939	52.4	88.7	64.6	72.0
1940	52.2	95.8	67.0	74.6
1941	54.9	105.1	74.6	77.3
1942	59.0	109.8	84.1	77.1
1943	65.2	112.7	97.1	75.7
1944	69.7	119.8	101.1	82.6
1945	69.9	124.0	96.2	90.1
1946	69.6	104.9	86.1	84.8
1947	71.6	100.0	86.4	82.9
1948	73.2	100.8	87.7	84.2
1949	74.3	98.7	86.0	85.2
1950	75.7	104.9	88.1	90.1
1951	78.4	108.3	93.7	90.6
1952	81.6	106.6	96.4	90.2
1953	84.8	107.8	98.1	93.2
1954	87.5	103.8	95.7	94.9
1955	90.3	108.0	98.8	98.7
1956	93.9	105.8	101.1	98.2
1957	97.5	103.4	102.1	98.7
1958	100.0	100.0	100.0	100.0
1959	102.4	103.6	103.1	102.9
1960	105.2	103.4	104.9	103.7
1961	107.6	102.9	105.2	105.2
1962	110.3	106.7	108.0	109.0
1963	113.2	108.0	109.9	111.2
1964	116.3	110.6	112.6	114.2
1965	119.9	113.6	116.4	117.0
1966	124.4	116.1	121.7	118.7

[a] Index numbers of real gross product are the same as those shown in Table A-17.

TABLE A-17b

National Economy: Real Net National Product and Productivity Ratios,[a] 1929-66
(1958=100)

Year	Real Net Product	Net Product per Person Engaged	Net Product per Man-Hour	Net Product per Unit of Labor Input	Net Product per Unit of Net Capital Input	Net Product per Unit of Factor Input
1929	45.7	62.7	50.8	57.4	77.7	61.2
1930	40.8	58.6	48.5	55.4	67.5	57.5
1931	37.9	58.1	48.8	57.0	62.6	57.6
1932	32.3	53.7	46.7	55.5	55.2	54.5
1933	31.7	52.2	45.8	54.3	56.3	53.9
1934	34.9	53.4	50.4	58.5	62.7	58.7
1935	38.4	56.7	52.5	60.6	71.1	62.2
1936	43.9	60.9	54.9	62.4	81.1	65.8
1937	46.0	62.3	55.2	62.9	83.3	66.7
1938	43.8	61.7	56.4	65.0	78.9	67.5
1939	47.9	65.5	59.0	67.3	86.6	70.9
1940	51.7	68.0	61.0	68.9	92.5	73.3
1941	60.1	72.6	64.7	70.3	102.9	76.1
1942	67.5	74.7	65.3	68.7	110.8	75.8
1943	75.7	76.2	64.8	65.6	122.1	74.4
1944	80.8	79.9	67.5	68.0	129.3	77.4
1945	79.2	80.4	70.6	71.4	126.9	80.3
1946	71.4	79.0	72.5	75.2	111.4	81.7
1947	70.4	77.4	72.1	74.8	104.5	80.2
1948	73.3	79.2	74.6	77.0	105.3	82.2
1949	73.0	80.9	76.5	79.6	101.4	83.5
1950	80.1	86.3	82.4	84.9	108.2	89.1
1951	86.2	87.1	83.9	84.9	110.9	89.7
1952	88.7	88.2	85.0	85.5	108.7	89.6
1953	92.8	91.2	88.8	88.7	109.6	92.4
1954	91.3	92.4	90.8	91.5	104.5	93.9
1955	98.4	97.8	95.2	95.5	109.1	98.1
1956	100.0	97.8	95.5	95.5	106.3	97.6
1957	101.2	98.6	97.6	97.0	103.7	98.3
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	106.7	104.7	103.6	103.2	104.4	103.5
1960	109.3	105.9	104.7	104.3	103.9	104.2
1961	111.4	108.3	107.8	107.1	103.3	106.3
1962	119.0	113.4	112.7	111.4	107.7	110.6
1963	123.7	116.8	116.0	114.2	108.8	113.1
1964	130.4	120.9	120.0	117.7	110.9	116.2
1965	138.5	124.9	123.4	120.7	113.1	119.0
1966	147.2	127.1	126.4	122.4	114.3	120.6

Note: Relates to *Productivity Trends*, Table A-XXI. The real product and productivity estimates for the national economy are subject to downward bias because of the inclusion of real government product estimates, which do not allow for productivity changes in general government.

[a] Index numbers of inputs are the same as those shown in Table A-17.

TABLE A-18

Domestic Civilian Economy: Real Gross Product, Inputs, and Productivity Ratios, 1929-66

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1929	46.9	75.5	62.1	92.9	50.5	82.5	56.8	59.3	79.1	76.9	61.0
1930	42.5	72.1	58.9	86.9	48.9	76.3	55.7	60.8	69.9	72.9	58.3
1931	39.6	67.5	58.7	80.1	49.4	68.9	57.5	61.0	64.9	67.6	58.6
1932	34.3	62.2	55.1	71.3	48.1	60.2	57.0	59.0	58.1	60.7	56.5
1933	33.6	62.8	53.5	71.4	47.1	60.4	55.6	56.9	59.1	60.3	55.7
1934	36.4	67.8	53.7	71.5	50.9	61.8	58.9	56.4	64.5	61.1	59.6
1935	39.5	70.1	56.3	75.4	52.4	65.7	60.1	55.0	71.8	63.6	62.1
1936	44.6	74.6	59.8	82.4	54.1	72.9	61.2	55.5	80.4	68.9	64.7
1937	46.9	76.4	61.4	86.0	54.5	75.7	62.0	56.9	82.4	71.3	65.8
1938	44.7	73.4	60.9	80.0	55.9	69.7	64.1	57.4	77.8	67.2	66.5
1939	48.6	75.6	64.3	83.7	58.1	73.7	65.9	57.4	84.7	70.0	69.4
1940	52.1	78.2	66.6	87.1	59.8	77.3	67.4	58.3	89.4	73.0	71.4
1941	59.2	83.6	70.8	93.8	63.1	86.3	68.6	60.8	97.4	80.3	73.7
1942	64.2	87.5	73.4	100.6	63.8	94.8	67.7	62.7	102.4	87.0	73.8
1943	68.1	89.0	76.5	104.9	64.9	101.6	67.0	62.6	108.8	91.9	74.1
1944	71.5	87.2	82.0	103.5	69.1	100.4	71.2	62.0	115.3	90.8	78.7
1945	70.8	84.6	83.7	97.7	72.5	94.4	75.0	61.7	114.7	86.3	82.0
1946	68.9	88.6	77.7	97.4	70.7	93.5	73.7	63.7	108.2	86.3	79.8
1947	69.9	92.1	75.9	99.0	70.6	95.5	73.2	67.0	104.3	88.7	78.8

1948	73.2	94.0	77.9	99.9	73.3	96.9	75.5	69.5	105.3	90.4	81.0
1949	73.2	91.4	80.1	96.7	75.7	93.0	78.7	72.1	101.5	88.3	82.9
1950	80.1	94.0	85.2	98.4	81.4	95.6	83.8	74.4	107.7	90.9	88.1
1951	85.0	98.1	86.6	102.2	83.2	101.0	84.2	78.4	108.4	96.0	88.5
1952	87.1	99.1	87.9	103.2	84.4	102.6	84.9	82.3	105.8	98.2	88.7
1953	91.1	100.5	90.6	103.4	88.1	103.5	88.0	85.2	106.9	99.7	91.4
1954	90.0	97.6	92.2	99.5	90.5	98.8	91.1	87.8	102.5	96.5	93.3
1955	97.2	100.0	97.2	102.9	94.5	102.6	94.7	90.6	107.3	100.1	97.1
1956	99.2	102.1	97.2	104.6	94.8	104.6	94.8	94.6	104.9	102.5	96.8
1957	100.8	102.5	98.3	103.6	97.3	104.2	96.7	97.9	103.0	102.9	98.0
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	106.5	102.2	104.2	103.3	103.1	103.7	102.7	102.3	104.1	103.4	103.0
1960	109.3	103.5	105.6	104.7	104.4	105.1	104.0	105.2	103.9	105.1	104.0
1961	111.3	103.0	108.1	103.5	107.5	104.2	106.8	107.6	103.4	104.9	106.1
1962	118.4	104.8	113.0	105.6	112.1	106.8	110.9	110.1	107.5	107.5	110.1
1963	123.3	106.1	116.2	106.7	115.6	108.5	113.6	113.1	109.0	109.5	112.6
1964	130.0	108.1	120.3	108.9	119.4	111.1	117.0	116.8	111.3	112.3	115.8
1965	138.2	111.2	124.3	112.5	122.8	115.1	120.1	121.5	113.7	116.4	118.7
1966	146.8	115.6	127.0	116.4	126.1	120.3	122.0	128.0	114.7	121.9	120.4

Note: The real product and productivity estimates for the domestic civilian economy are subject to downward bias because of the inclusion of real government product estimates, which do not allow for productivity changes in general government.

TABLE A-18a

Domestic Civilian Economy: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1929-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1929	55.5	84.5	73.2	64.1
1930	56.9	74.7	69.9	60.8
1931	57.5	68.9	65.6	60.4
1932	57.5	59.7	60.2	57.0
1933	57.1	58.8	60.2	55.8
1934	56.8	64.1	60.9	59.8
1935	56.9	69.4	63.4	62.3
1936	57.4	77.7	68.1	65.5
1937	58.6	80.0	70.2	66.8
1938	59.5	75.1	66.7	67.0
1939	59.9	81.1	69.4	70.0
1940	60.8	85.7	72.0	72.4
1941	62.3	95.0	78.4	75.5
1942	63.9	100.5	84.5	76.0
1943	64.7	105.3	89.1	76.4
1944	64.9	110.2	88.4	80.9
1945	64.9	109.1	84.6	83.7
1946	65.7	104.9	84.3	81.7
1947	67.9	102.9	86.4	80.9
1948	70.5	103.8	88.2	83.0
1949	73.0	100.3	86.6	84.5
1950	75.8	105.7	89.3	89.7
1951	79.2	107.3	94.1	90.3
1952	82.3	105.8	96.2	90.5
1953	85.1	107.1	97.9	93.1
1954	87.8	102.5	95.4	94.3
1955	91.0	106.8	99.1	98.1
1956	94.4	105.1	101.5	97.7
1957	97.4	103.5	102.1	98.7
1958	100.0	100.0	100.0	100.0
1959	102.8	103.6	103.4	103.0
1960	105.7	103.4	105.3	103.8
1961	108.3	102.8	105.5	105.5
1962	111.0	106.7	108.1	109.5
1963	113.9	108.3	110.1	112.0
1964	117.3	110.8	113.0	115.0
1965	121.5	113.7	117.1	118.0
1966	126.8	115.8	122.3	120.0

[a] Index numbers of real gross product are the same as those in Table A-18.

TABLE A-19

Private Domestic Economy: Real Gross Product, Inputs, and Productivity Ratios, 1929-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1929	47.5	79.7	59.6	97.8	48.6	88.8	53.5	61.3	77.5	82.2	57.8
1930	42.6	75.7	56.3	91.1	46.8	81.4	52.3	62.6	68.1	77.3	55.1
1931	39.4	70.4	56.0	83.5	47.2	72.9	54.0	62.4	63.1	71.2	55.3
1932	33.6	64.6	52.0	74.0	45.4	63.1	53.2	59.8	56.2	63.4	53.0
1933	32.6	64.2	50.8	73.2	44.5	62.6	52.1	57.4	56.8	62.3	52.3
1934	35.3	68.3	51.7	72.0	49.0	62.8	56.2	56.8	62.1	62.3	56.7
1935	38.4	70.5	54.5	75.9	50.6	66.4	57.8	55.0	69.8	64.2	59.8
1936	43.4	73.6	59.0	81.6	53.2	73.3	59.2	55.2	78.6	69.2	62.7
1937	46.0	76.8	59.9	86.7	53.1	77.6	59.3	56.4	81.6	72.7	63.2
1938	43.3	72.4	59.8	79.2	54.7	70.4	61.5	56.7	76.4	67.6	64.1
1939	47.4	74.9	63.3	83.3	56.9	74.7	63.5	56.5	83.9	70.6	67.1
1940	51.1	78.0	65.5	87.3	58.5	78.7	64.9	57.2	89.3	73.7	69.3
1941	58.5	84.2	69.5	94.7	61.8	88.2	66.3	59.6	98.2	81.2	72.0
1942	63.3	88.7	71.4	102.1	62.0	96.3	65.7	61.5	102.9	87.6	72.3
1943	66.7	90.0	74.1	105.8	63.0	101.4	65.8	61.4	108.6	91.3	73.1
1944	70.2	88.0	79.8	104.4	67.2	100.1	70.1	60.7	115.7	90.2	77.8
1945	69.8	85.3	81.8	98.7	70.7	94.3	74.0	60.4	115.6	85.9	81.3
1946	68.5	90.5	75.7	99.7	68.7	95.5	71.7	62.6	109.4	87.4	78.4
1947	69.9	94.7	73.8	101.8	68.7	98.4	71.0	66.2	105.6	90.6	77.2

(continued)

TABLE A-19 (concluded)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Net Capital Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	73.3	96.6	75.9	102.6	71.4	99.7	73.5	68.7	106.7	92.2	79.5
1949	73.1	93.4	78.3	98.8	74.0	95.2	76.8	71.4	102.4	89.7	81.5
1950	80.5	96.0	83.9	100.5	80.1	97.8	82.3	73.8	109.1	92.4	87.1
1951	85.3	99.9	85.4	104.0	82.0	102.9	82.9	77.9	109.5	97.2	87.8
1952	87.4	100.6	86.9	104.7	83.5	104.3	83.8	81.9	106.7	99.4	87.9
1953	91.7	102.1	89.8	104.9	87.4	105.3	87.1	84.9	108.0	101.0	90.8
1954	90.4	98.8	91.5	100.6	89.9	100.1	90.3	87.6	103.2	97.4	92.8
1955	98.1	101.2	96.9	104.1	94.2	103.9	94.4	90.5	108.4	101.1	97.0
1956	99.9	103.0	97.0	105.6	94.6	105.8	94.4	94.6	105.6	103.4	96.6
1957	101.3	103.1	98.3	104.2	97.2	105.1	96.4	98.0	103.4	103.6	97.8
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	106.9	102.1	104.7	103.3	103.5	103.8	103.0	102.3	104.5	103.5	103.3
1960	109.6	103.1	106.3	104.5	104.9	104.9	104.5	105.3	104.1	105.0	104.4
1961	111.5	102.3	109.0	102.8	108.5	103.5	107.7	107.7	103.5	104.4	106.8
1962	119.0	103.8	114.6	104.8	113.5	105.9	112.4	110.2	108.0	106.8	111.4
1963	124.0	104.7	118.4	105.6	117.4	107.3	115.6	113.3	109.4	108.6	114.2
1964	131.0	106.5	123.0	107.7	121.6	109.7	119.4	117.1	111.9	111.3	117.7
1965	139.6	109.3	127.7	111.1	125.7	113.6	122.9	121.9	114.5	115.4	121.0
1966	148.4	113.2	131.1	114.6	129.5	118.3	125.4	128.7	115.3	120.5	123.2
1967	151.8	114.8	132.2	115.4	131.5	118.9	127.7	134.6	112.8	122.2	124.2
1968	159.0	117.4	135.4	117.6	135.2	121.4	131.0	140.1	113.5	125.4	126.8
1969	163.4	120.7	135.4	120.5	135.6	124.8	130.9	145.7	112.1	129.2	126.5

Note: Relates to *Productivity Trends*, Table A-XXII.

TABLE A-19a

Private Domestic Economy: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1929-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1929	57.7	82.3	78.1	60.8
1930	59.0	72.2	74.2	57.4
1931	59.3	66.4	69.0	57.1
1932	58.9	57.0	62.8	53.5
1933	58.3	55.9	62.3	52.3
1934	57.8	61.1	62.2	56.8
1935	57.7	66.6	64.3	59.7
1936	58.0	74.8	68.7	63.2
1937	58.9	78.1	71.8	64.1
1938	59.5	72.8	67.4	64.2
1939	59.7	79.4	70.2	67.5
1940	60.2	84.9	73.1	69.9
1941	61.6	95.0	79.6	73.5
1942	63.2	100.2	85.5	74.0
1943	63.9	104.4	89.1	74.9
1944	64.1	109.5	88.3	79.5
1945	64.1	108.9	84.5	82.6
1946	65.0	105.4	85.6	80.0
1947	67.3	103.9	88.4	79.1
1948	69.9	104.9	90.2	81.3
1949	72.4	101.0	88.2	82.9
1950	75.3	106.9	90.9	88.6
1951	78.8	108.2	95.5	89.3
1952	82.0	106.6	97.5	89.6
1953	84.8	108.1	99.2	92.4
1954	87.7	103.1	96.4	93.8
1955	90.9	107.9	100.0	98.1
1956	94.5	105.7	102.4	97.6
1957	97.5	103.9	102.8	98.5
1958	100.0	100.0	100.0	100.0
1959	102.8	104.0	103.5	103.3
1960	105.9	103.5	105.2	104.2
1961	108.5	102.8	105.0	106.2
1962	111.2	107.0	107.5	110.7
1963	114.1	108.7	109.3	113.4
1964	117.5	111.5	112.0	117.0
1965	121.9	114.5	116.1	120.2
1966	127.4	116.5	121.0	122.6

[a] Index numbers of real gross product are the same as those in Table A-19.

TABLE A-19b

Private Domestic Economy, Supplement: Productivity Ratios
Based on Unweighted Real Product and Unweighted Inputs, 1929-66
(1958=100)

Year	Real Gross Product (Measured in 1958 Prices)	Man-Hours	Real Product per Man-Hour	Unweighted Net Capital Input (Measured in 1958 Prices)	Real Product per Unit of Unweighted Capital Input	Unweighted Factor Input (Measured in 1958 Prices)	Unweighted Factor Productivity
1929	47.2	97.8	48.3	64.3	73.4	90.7	52.0
1930	42.0	91.1	46.1	65.2	64.4	85.6	49.1
1931	38.5	83.5	46.1	64.9	59.3	79.6	48.4
1932	32.4	74.0	43.8	63.5	51.0	71.8	45.1
1933	31.6	73.2	43.2	61.7	51.2	70.8	44.6
1934	34.3	72.0	47.6	60.2	57.0	69.5	49.4
1935	37.7	75.9	49.7	59.4	63.5	72.4	52.1
1936	42.9	81.6	52.6	59.4	72.2	76.9	55.8
1937	45.7	86.7	52.7	60.1	76.0	81.1	56.4
1938	42.7	79.2	53.9	60.5	70.6	75.2	56.8
1939	46.8	83.3	56.2	60.4	77.5	78.4	59.7
1940	50.9	87.3	58.3	61.1	83.3	81.7	62.3
1941	58.5	94.7	61.8	62.7	93.3	87.9	66.6
1942	63.7	102.1	62.4	63.8	99.8	94.0	67.8
1943	67.5	105.8	63.8	63.5	106.3	96.8	69.7
1944	71.0	104.4	68.0	62.9	112.9	95.6	74.3
1945	69.9	98.7	70.8	62.6	111.7	91.0	76.8
1946	68.0	99.7	68.2	63.8	106.6	92.1	73.8
1947	69.6	101.8	68.4	66.6	104.5	94.3	73.8

1948	72.9	102.6	71.1	69.1	105.5	95.5	76.3
1949	72.7	98.8	73.6	71.9	101.1	93.1	78.1
1950	80.1	100.5	79.7	74.8	107.1	95.1	84.2
1951	85.1	104.0	81.8	78.7	108.1	98.6	86.3
1952	87.3	104.7	83.4	81.9	106.6	99.9	87.4
1953	91.7	104.9	87.4	84.8	108.1	100.6	91.2
1954	90.4	100.6	89.9	87.6	103.2	97.8	92.4
1955	98.1	104.1	94.2	90.9	107.9	101.3	96.8
1956	99.9	105.6	94.6	94.6	105.6	103.3	96.7
1957	101.3	104.2	97.2	97.8	103.6	102.8	98.5
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	106.9	103.3	103.5	102.6	104.2	103.3	103.5
1960	109.6	104.5	104.9	105.8	103.6	104.8	104.6
1961	111.5	102.8	108.5	108.2	103.0	103.9	107.3
1962	119.0	104.8	113.5	110.8	107.4	106.1	112.2
1963	124.0	105.6	117.4	113.8	109.0	107.3	115.6
1964	131.0	107.7	121.6	117.3	111.7	109.7	119.4
1965	139.6	111.1	125.7	121.9	114.5	113.4	123.1
1966	148.4	114.6	129.5	127.8	116.1	117.4	126.4

Note: Relates to *Productivity Trends,* Table A-XXII, Supplement. Note that the productivity measures in Table A-XXII, Supplement, were based on Marshall-Edgeworth weighted output and M-E weighted average of man-hours and unweighted capital input.

TABLE A-20

Private Domestic Business Economy: Real Gross Product, Inputs, and Productivity Ratios, 1929-66

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1929	46.8	79.9	58.6	96.2	48.6	88.3	53.0	61.0	76.7	81.6	57.4
1930	41.8	75.8	55.1	89.6	46.7	80.9	51.7	62.3	67.1	76.8	54.4
1931	38.6	70.7	54.6	82.4	46.8	72.4	53.3	61.6	62.7	70.6	54.7
1932	32.8	64.9	50.5	73.2	44.8	62.6	52.4	59.4	55.2	62.9	52.1
1933	31.8	64.8	49.1	72.8	43.7	62.3	51.0	57.0	55.8	62.0	51.3
1934	34.5	68.8	50.1	71.2	48.5	62.4	55.3	55.4	62.3	61.5	56.1
1935	37.7	70.9	53.2	75.0	50.3	65.9	57.2	54.6	69.0	63.7	59.2
1936	42.8	73.9	57.9	80.7	53.0	72.9	58.7	54.8	78.1	68.7	62.3
1937	45.4	77.1	58.9	85.8	52.9	77.2	58.8	56.1	80.9	72.2	62.9
1938	42.7	72.7	58.7	78.4	54.5	69.9	61.1	56.5	75.6	67.1	63.6
1939	46.8	75.2	62.2	82.4	56.8	74.3	63.0	56.3	83.1	70.2	66.7
1940	50.6	78.1	64.8	86.1	58.8	78.2	64.7	57.0	88.8	73.2	69.1
1941	58.2	84.9	68.6	94.5	61.6	88.2	66.0	59.4	98.0	81.1	71.8
1942	63.1	89.7	70.3	102.2	61.7	96.6	65.3	61.4	102.8	87.7	71.9
1943	66.7	91.8	72.7	107.0	62.3	102.3	65.2	61.3	108.8	91.7	72.7
1944	70.4	89.7	78.5	105.6	66.7	101.0	69.8	60.6	116.2	90.6	77.7
1945	70.0	86.8	80.6	99.6	70.3	95.0	73.7	60.4	115.9	86.3	81.1
1946	68.7	92.4	74.4	100.9	68.1	96.3	71.3	62.6	109.7	87.8	78.2
1947	70.0	96.5	72.5	103.1	67.9	99.3	70.5	66.2	105.7	91.1	76.8

1948	73.4	98.3	74.7	103.9	70.6	100.6	73.0	68.8	106.7	92.8	79.1
1949	73.1	94.7	77.2	99.9	73.2	95.8	76.3	71.5	102.2	90.1	81.1
1950	80.6	97.1	83.0	101.3	79.6	98.3	82.0	73.9	109.1	92.7	86.9
1951	85.5	101.2	84.5	105.1	81.4	103.6	82.5	78.0	109.6	97.6	87.6
1952	87.7	102.1	85.9	106.0	82.7	105.1	83.4	82.0	107.0	100.0	87.7
1953	92.1	103.6	88.9	106.0	86.9	106.0	86.9	85.0	108.4	101.5	90.7
1954	90.8	100.1	90.7	101.7	89.3	100.8	90.1	87.7	103.5	98.0	92.7
1955	98.4	102.1	96.4	104.9	93.8	104.4	94.3	90.6	108.6	101.4	97.0
1956	100.2	103.8	96.5	106.3	94.3	106.3	94.3	94.7	105.8	103.8	96.5
1957	101.5	103.7	97.9	104.7	96.9	105.5	96.2	98.1	103.5	103.9	97.7
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	107.1	102.1	104.9	103.3	103.7	103.9	103.1	102.2	104.8	103.5	103.5
1960	109.7	102.9	106.6	104.3	105.2	104.8	104.7	105.2	104.3	104.9	104.6
1961	111.5	101.8	109.5	102.4	108.9	103.2	108.0	107.5	103.7	104.1	107.1
1962	119.1	103.2	115.4	104.3	114.2	105.6	112.8	110.0	108.3	106.5	111.8
1963	124.2	103.9	119.5	105.0	118.3	106.9	116.2	113.0	109.9	108.2	114.8
1964	131.3	105.6	124.3	107.1	122.6	109.4	120.0	116.7	112.5	111.0	118.3
1965	140.1	108.4	129.2	110.5	126.8	113.3	123.7	121.5	115.3	115.1	121.7
1966	149.0	112.2	132.8	113.8	130.9	118.1	126.2	128.2	116.2	120.3	123.9

TABLE A-20a

Private Domestic Business Economy: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1929-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1929	57.2	81.8	77.4	60.5
1930	58.4	71.6	73.3	57.0
1931	58.7	65.8	68.3	56.5
1932	58.3	56.3	62.2	52.7
1933	57.6	55.2	61.7	51.5
1934	57.1	60.4	61.6	56.0
1935	57.1	66.0	63.7	59.2
1936	57.4	74.6	68.1	62.8
1937	58.3	77.9	71.1	63.9
1938	58.9	72.5	66.7	64.0
1939	59.1	79.2	69.6	67.2
1940	59.7	84.8	72.4	69.9
1941	61.1	95.3	79.3	73.4
1942	62.7	100.6	85.2	74.1
1943	63.5	105.0	89.1	74.9
1944	63.7	110.5	88.4	79.6
1945	63.8	109.7	84.6	82.7
1946	64.7	106.2	85.7	80.2
1947	67.0	104.5	88.5	79.1
1948	69.7	105.3	90.4	81.2
1949	72.2	101.2	88.3	82.8
1950	75.1	107.3	91.0	88.6
1951	78.7	108.6	95.8	89.2
1952	81.9	107.1	97.9	89.6
1953	84.7	108.7	99.5	92.6
1954	87.6	103.7	96.8	93.8
1955	90.8	108.4	100.3	98.1
1956	94.5	106.0	102.7	97.6
1957	97.5	104.1	101.3	100.2
1958	100.0	100.0	100.0	100.0
1959	102.8	104.2	103.6	103.4
1960	105.9	103.6	105.1	104.4
1961	108.5	102.8	104.8	106.4
1962	111.1	107.2	107.3	111.0
1963	114.0	108.9	109.1	113.8
1964	117.4	111.8	111.8	117.4
1965	121.8	115.0	115.9	120.9
1966	127.2	117.1	120.9	123.2

[a] Index numbers of real gross product are the same as those in Table A-20.

TABLE A-21

Private Domestic Nonfarm Business Economy: Real Gross Product, Inputs, and Productivity Ratios, 1929-66

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1929	43.9	68.7	63.9	81.1	54.1	80.8	54.3	57.5	76.3	74.7	58.8
1930	38.9	64.6	60.2	74.1	52.5	73.6	52.9	58.9	66.0	69.9	55.6
1931	34.9	58.3	59.9	65.5	53.3	64.9	53.8	58.2	60.0	63.5	55.0
1932	29.0	51.7	56.1	56.2	51.6	55.4	52.3	55.7	52.1	55.9	51.9
1933	28.1	51.7	54.4	55.8	50.4	55.0	51.1	53.0	53.0	54.8	51.3
1934	31.7	56.4	56.2	56.7	55.9	55.9	56.7	51.4	61.7	55.0	57.6
1935	34.6	58.6	59.0	60.0	57.7	59.2	58.4	50.6	68.4	57.1	60.6
1936	40.3	62.7	64.3	66.9	60.2	66.3	60.8	50.8	79.3	62.3	64.7
1937	42.3	66.8	63.3	70.8	59.7	70.1	60.3	52.2	81.0	65.4	64.7
1938	39.4	62.5	63.0	64.2	61.4	63.2	62.3	52.6	74.9	60.6	65.0
1939	43.6	65.7	66.4	68.6	63.6	67.8	64.3	52.4	83.2	63.8	68.3
1940	48.0	69.6	69.0	72.6	66.1	71.9	66.8	53.1	90.4	67.1	71.5
1941	55.6	77.8	71.5	82.7	67.2	82.7	67.2	55.7	99.8	75.6	73.5
1942	60.3	83.5	72.2	90.4	66.7	91.2	66.1	57.9	104.1	82.4	73.2
1943	64.6	85.9	75.2	95.9	67.4	97.3	66.4	57.7	112.0	86.7	74.5
1944	68.7	83.9	81.9	94.5	72.7	96.0	71.6	57.0	120.5	85.6	80.3
1945	68.7	81.0	84.8	89.4	76.8	90.4	76.0	56.8	121.0	81.4	84.4
1946	67.1	86.9	77.2	91.6	73.3	92.1	72.9	59.3	113.2	83.4	80.5
1947	69.1	91.4	75.6	94.9	72.8	95.7	72.2	63.3	109.2	87.1	79.3

(continued)

TABLE A-21 (concluded)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	72.1	93.4	77.2	96.4	74.8	97.3	74.1	66.0	109.2	89.0	81.0
1949	72.0	89.9	80.1	91.8	78.4	92.2	78.1	68.8	104.7	87.2	82.6
1950	79.7	92.7	86.0	95.1	83.8	95.6	83.4	71.3	111.8	90.3	88.3
1951	85.4	98.0	87.1	100.3	85.1	101.6	84.1	75.6	113.0	95.9	89.1
1952	87.5	99.6	87.9	102.2	85.6	103.6	84.5	79.8	109.6	98.7	88.7
1953	91.9	101.8	90.3	103.5	88.8	105.1	87.4	83.1	110.6	100.7	91.3
1954	90.4	98.2	92.1	99.1	91.2	99.8	90.6	86.0	105.1	97.0	93.2
1955	98.3	100.9	97.4	102.5	95.9	103.5	95.0	89.3	110.1	100.6	97.7
1956	100.2	103.7	96.6	104.8	95.6	105.8	94.7	93.9	106.7	103.4	96.9
1957	101.8	104.0	97.9	104.3	97.6	105.4	96.6	97.8	104.1	103.9	98.0
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	107.4	102.6	104.7	103.8	103.5	104.1	103.2	102.5	104.8	103.8	103.5
1960	110.0	104.0	105.8	105.1	104.7	105.1	104.7	105.8	104.0	105.2	104.6
1961	111.9	103.0	108.6	103.8	107.8	103.7	107.9	108.4	103.2	104.6	107.0
1962	120.0	104.9	114.4	106.2	113.0	106.3	112.9	111.2	107.9	107.3	111.8
1963	125.1	106.0	118.0	107.6	116.3	107.9	115.9	114.6	109.2	109.3	114.5
1964	132.8	108.6	122.3	110.4	120.3	110.7	120.0	118.7	111.9	112.3	118.3
1965	141.7	112.6	125.8	114.5	123.8	114.9	123.3	124.2	114.1	116.8	121.3
1966	151.5	117.6	128.8	119.2	127.1	120.2	126.0	131.7	115.0	122.5	123.7

TABLE A-21a

Private Domestic Nonfarm Business Economy:
Gross Capital Input and Gross Productivity Ratios,[a]
in Terms of Real Product, 1929-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1929	53.1	82.7	71.7	61.2
1930	54.4	71.5	67.6	57.5
1931	54.7	63.8	62.3	56.0
1932	54.2	53.5	56.1	51.7
1933	53.4	52.6	55.6	50.5
1934	53.0	59.8	56.0	56.6
1935	53.0	65.3	58.0	59.7
1936	53.4	75.5	62.7	64.3
1937	54.4	77.8	65.5	64.6
1938	55.1	71.5	61.2	64.4
1939	55.4	78.7	64.4	67.7
1940	56.1	85.6	67.3	71.3
1941	57.8	96.2	75.0	74.1
1942	59.5	101.3	81.3	74.2
1943	60.4	107.0	85.7	75.4
1944	60.8	113.0	85.0	80.8
1945	60.9	112.8	81.2	75.0
1946	62.0	108.2	82.7	81.1
1947	64.6	107.0	86.1	80.3
1948	67.5	106.8	88.1	81.8
1949	70.1	102.7	85.7	84.0
1950	73.1	109.0	89.0	89.6
1951	76.9	111.1	94.3	90.6
1952	80.2	109.1	96.8	90.4
1953	83.2	110.5	98.8	93.0
1954	86.3	104.8	95.9	94.3
1955	89.8	109.5	99.6	98.7
1956	93.9	106.7	102.4	97.9
1957	97.3	104.6	103.1	98.7
1958	100.0	100.0	100.0	100.0
1959	103.1	104.2	103.8	103.5
1960	106.5	103.3	105.5	104.3
1961	109.3	102.4	105.3	106.3
1962	112.1	107.0	108.0	111.1
1963	115.3	108.5	110.0	113.7
1964	119.1	111.5	113.1	117.4
1965	124.0	114.3	117.5	120.6
1966	130.0	116.5	123.0	123.2

[a] Index numbers of real gross product are the same as those in Table A-21.

TABLE A-22

Farm Segment: Real Product, Inputs, and Productivity Ratios, 1929-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1929	81.8	170.1	48.1	219.5	37.3	88.2	92.7	155.5	52.6
1930	77.3	166.6	46.4	217.2	35.6	88.1	87.7	154.4	50.1
1931	87.6	169.9	51.6	222.0	39.5	87.9	99.7	156.2	56.1
1932	85.3	170.8	49.9	214.2	39.8	87.8	97.2	153.0	55.8
1933	83.1	169.8	48.9	213.7	38.9	87.2	95.3	152.3	54.6
1934	69.3	168.3	41.2	191.7	36.2	85.7	80.9	142.4	48.7
1935	78.2	169.7	46.1	199.5	39.2	85.0	92.0	145.0	53.9
1936	71.6	164.4	43.6	193.7	37.0	85.1	84.1	142.8	50.1
1937	84.4	159.7	52.8	209.4	40.3	85.4	98.8	149.3	56.5
1938	84.4	154.9	54.5	195.0	43.3	86.1	98.0	142.9	59.1
1939	86.7	151.1	57.4	196.0	44.2	86.2	100.6	143.4	60.5
1940	84.0	146.3	57.4	196.8	42.7	86.5	97.1	144.0	58.3
1941	90.7	142.2	63.8	190.0	47.7	87.3	103.9	141.3	64.2
1942	98.7	140.0	70.5	197.6	49.9	88.3	111.8	145.4	67.9
1943	93.8	139.2	67.4	196.0	47.9	88.7	105.7	144.9	64.7
1944	92.4	136.2	67.8	194.1	47.6	88.4	104.5	143.8	64.3
1945	86.7	133.3	65.0	181.1	47.9	88.1	98.4	137.6	63.0
1946	89.8	137.2	65.5	174.6	51.4	88.2	101.8	134.6	66.7
1947	82.7	138.4	59.8	166.7	49.6	88.9	93.0	131.3	63.0

1948	91.1	138.1	66.0	162.2	56.2	90.5	100.7	130.1	70.0
1949	88.4	132.8	66.6	162.7	54.3	92.7	95.4	131.4	67.3
1950	92.9	132.3	70.2	150.0	61.9	94.6	98.2	125.4	74.1
1951	88.4	127.2	69.5	141.9	62.3	96.8	91.3	122.1	72.4
1952	91.6	121.9	75.1	134.7	68.0	98.5	93.0	118.8	77.1
1953	96.0	118.1	81.3	125.3	76.6	99.3	96.7	114.1	84.1
1954	97.3	115.3	84.4	121.4	80.1	99.9	97.4	112.2	86.7
1955	100.0	111.7	89.5	123.4	81.0	100.4	99.6	113.5	88.1
1956	99.6	104.7	95.1	117.8	84.6	100.2	99.4	110.2	90.4
1957	96.9	101.3	95.7	107.9	89.8	99.9	97.0	104.5	92.7
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	100.9	97.9	103.1	99.8	101.1	100.2	100.7	100.0	100.9
1960	104.4	94.1	110.9	98.0	106.5	100.4	104.0	99.0	105.4
1961	106.2	92.2	115.2	91.7	115.8	100.5	105.7	95.5	111.2
1962	105.8	89.3	118.5	89.5	118.2	101.0	104.8	94.4	112.1
1963	108.9	86.9	125.3	84.6	128.7	101.6	107.2	91.9	118.5
1964	107.1	81.4	131.6	81.3	131.7	101.8	105.2	90.1	118.9
1965	114.2	74.8	152.7	79.2	144.2	102.0	112.0	89.0	128.3
1966	107.6	69.5	154.8	72.0	149.4	102.3	105.2	85.0	126.6
1967	114.6	65.3	175.5	69.6	164.7				
1968	112.4	63.3	177.6	68.0	165.3				
1969p	116.1	61.2	189.7	63.8	182.0				

Note: Relates to *Productivity Trends*, Table B-I.

p Preliminary (as of July 1971 *Survey of Current Business*).

TABLE A-23

Farm Segment: Output and Productivity Ratios,[a] 1929-66
(1958=100)

Year	Output	Output per Person	Output per Man-Hour	Output per Unit of Net Capital Input	Total Factor Productivity
1929	63.3	37.2	28.8	71.8	40.7
1930	59.8	35.9	27.5	67.9	38.7
1931	64.9	38.2	29.2	73.8	41.5
1932	62.5	36.6	29.2	71.2	40.8
1933	62.2	36.6	29.1	71.3	40.8
1934	53.7	31.9	28.0	62.7	37.7
1935	59.8	35.2	30.0	70.4	41.2
1936	57.2	34.8	29.5	67.2	40.1
1937	65.7	41.1	31.4	76.9	44.0
1938	66.2	42.7	33.9	76.9	46.3
1939	69.1	45.7	35.3	80.2	48.2
1940	69.7	47.6	35.4	80.6	48.4
1941	74.7	52.5	39.3	85.6	52.9
1942	82.2	58.7	41.6	93.1	56.5
1943	80.3	57.7	41.0	90.5	55.4
1944	80.3	59.0	41.4	90.8	55.8
1945	79.3	59.5	43.8	90.0	57.6
1946	81.7	59.5	46.8	92.6	60.7
1947	78.5	56.7	47.1	88.3	59.8
1948	83.8	60.7	51.7	92.6	64.4
1949	82.2	61.9	50.5	88.7	62.6
1950	86.4	65.3	57.6	91.3	68.9
1951	85.9	67.5	60.5	88.7	70.4
1952	87.8	72.0	65.2	89.1	73.9
1953	89.9	76.1	71.8	90.5	78.8
1954	92.3	80.1	76.0	92.4	82.3
1955	94.9	85.0	76.9	94.5	83.6
1956	96.0	91.7	81.5	95.8	87.1
1957	95.5	94.3	88.5	95.6	91.4
1958	100.0	100.0	100.0	100.0	100.0
1959	101.9	104.1	102.1	101.7	101.9
1960	104.3	110.8	106.4	103.9	105.4
1961	106.1	115.1	115.7	105.6	111.1
1962	108.2	121.2	120.9	107.1	114.6
1963	111.7	128.5	132.0	109.9	121.5
1964	109.6	134.6	134.8	107.7	121.6
1965	115.2	154.0	145.5	112.9	129.4
1966	113.6	163.5	157.8	111.0	133.6

Note: Relates to *Productivity Trends*, Table B-II (gross output revised).

[a] Index numbers of the inputs are the same as those shown in Table A-22.

TABLE A-23a

Farm Segment: Gross Capital Input and Gross Productivity Ratios[a] in Terms of Real Product and Output, 1929-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Real Product per Unit of Gross Factor Input	Output per Unit of Gross Capital Input	Output per Unit of Gross Factor Input
1929	85.8	95.3	143.8	56.9	73.8	44.0
1930	86.0	89.9	143.2	54.0	69.5	41.8
1931	86.4	101.4	145.1	60.4	75.1	44.7
1932	86.9	98.2	142.8	59.7	71.9	43.8
1933	86.8	95.7	142.6	58.3	71.7	43.6
1934	85.8	80.8	134.4	51.6	62.6	40.0
1935	85.5	91.5	136.8	57.2	69.9	43.7
1936	85.4	83.8	134.7	53.2	67.0	42.5
1937	85.4	98.8	140.1	60.2	76.9	46.9
1938	85.6	98.6	134.3	62.8	77.3	49.3
1939	85.3	101.6	134.6	64.4	81.0	51.3
1940	85.3	98.5	134.9	62.3	81.7	51.7
1941	85.6	106.0	132.3	68.6	87.3	56.5
1942	86.2	114.5	135.8	72.7	95.4	60.5
1943	86.2	108.8	135.1	69.4	93.2	59.4
1944	85.7	107.8	134.1	68.9	93.7	59.9
1945	85.3	101.6	128.5	67.5	93.0	61.7
1946	85.2	105.4	125.8	71.4	96.1	65.1
1947	85.4	96.8	122.6	67.5	91.9	64.0

(continued)

TABLE A-23a (concluded)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Real Product per Unit of Gross Factor Input	Output per Unit of Gross Capital Input	Output per Unit of Gross Factor Input
1948	86.7	105.1	121.7	74.9	96.7	68.9
1949	88.9	99.4	123.1	71.8	92.5	66.8
1950	90.9	102.2	118.4	78.5	95.0	73.0
1951	93.2	94.8	115.9	76.3	92.2	74.1
1952	95.0	96.4	113.6	80.6	92.4	77.3
1953	96.3	99.7	110.0	87.3	93.4	81.7
1954	97.4	99.9	108.8	89.4	94.8	84.8
1955	98.5	101.5	110.3	90.7	96.3	86.0
1956	99.1	100.5	108.0	92.2	96.9	88.9
1957	99.4	97.5	103.4	93.7	96.1	92.4
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	100.6	100.3	100.2	100.7	101.3	101.7
1960	101.4	103.0	99.8	104.6	102.9	104.5
1961	102.2	103.9	97.2	109.3	103.8	109.2
1962	103.1	102.6	96.7	109.4	104.9	111.9
1963	103.9	104.8	94.8	114.9	107.5	117.8
1964	104.3	102.7	93.4	114.7	105.1	117.3
1965	104.6	109.2	92.6	123.3	110.1	124.4
1966	105.1	102.4	89.4	120.4	108.1	127.1

[a] Index numbers of real product and output are the same as those shown in Tables A-22 and A-23.

TABLE A-24

Mining: Real Product, Inputs, and Productivity Ratios, 1948-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	86.9	131.1	66.3	132.7	65.5	140.5	61.9	100.9	86.1	130.5	66.6
1949	77.5	122.1	63.5	114.4	67.7	119.7	64.7			117.2	66.1
1950	86.4	122.5	70.5	119.4	72.4	125.1	69.1			122.1	70.8
1951	95.0	124.2	76.5	123.1	77.2	127.9	74.3			124.6	76.2
1952	94.3	121.3	77.7	120.4	78.3	124.2	75.9			121.3	77.7
1953	97.5	116.2	83.9	115.8	84.2	118.5	82.3	99.1	98.4	114.4	85.2
1954	94.3	106.9	88.2	105.3	89.6	106.4	88.6			103.7	90.9
1955	103.9	107.5	96.7	111.3	93.4	112.6	92.3			109.0	95.3
1956	109.7	112.2	97.8	116.8	93.9	118.2	92.8			114.5	95.8
1957	109.7	111.8	98.1	114.5	95.8	115.6	94.9	101.0	108.6	112.5	97.5
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0
1959	104.0	95.9	108.4	99.5	104.5	99.1	104.9			99.6	104.4
1960	106.4	93.5	113.8	96.8	109.9	96.5	110.3	104.0	102.3	98.1	108.5
1961	107.3	89.3	120.2	92.6	115.9	91.9	116.8			95.1	112.8
1962	109.9	87.2	126.0	91.4	120.2	90.7	121.2			94.4	116.4
1963	112.8	84.9	132.9	90.4	124.8	89.7	125.8			92.1	122.5
1964	116.6	84.5	138.0	90.5	128.8	89.7	130.0			91.2	127.9
1965	120.0	85.3	140.7	91.9	130.6	91.1	131.7			91.4	131.3
1966	125.7	84.8	148.2	92.0	136.6	91.1	138.0	87.2	144.2	90.3	139.2
1967	129.2	82.6	156.4	89.6	144.2	88.8	145.5				
1968	132.0	82.1	160.8	89.2	148.0	88.3	149.5				
1969p	136.1	83.9	162.2	92.1	147.8	91.2	149.2				

p Preliminary (as of July 1971 *Survey of Current Business*).

TABLE A-25

Mining: Output and Productivity Ratios,[a] 1948-66
(1958=100)

Year	Output	Output per Person	Output per Man-Hour	Output per Unit of Labor Input	Output per Unit of Capital Input	Total Factor Productivity
1948	86.5	66.0	65.2	61.6	85.7	66.3
1949	76.7	62.8	67.0	64.1		65.4
1950	85.7	70.0	71.8	68.5		70.2
1951	94.0	75.7	76.4	73.5		75.4
1952	93.2	76.8	77.4	75.0		76.8
1953	95.7	82.4	82.6	80.8	96.6	83.7
1954	92.9	86.9	88.2	87.3		89.6
1955	102.6	95.4	92.2	91.1		94.1
1956	108.8	97.0	93.2	92.0		95.0
1957	109.0	97.5	95.2	94.3	107.9	96.9
1958	100.0	100.0	100.0	100.0		100.0
1959	104.3	108.8	104.8	105.2		104.7
1960	106.3	113.7	109.8	110.2	102.2	108.4
1961	107.3	120.2	115.9	116.8		112.8
1962	109.8	125.9	120.1	121.1		116.3
1963	112.9	133.0	124.9	125.9		122.6
1964	116.6	138.0	128.8	130.0		127.9
1965	120.1	140.8	130.7	131.8		131.4
1966	126.0	148.6	137.0	138.3	144.5	139.5

Note: Relates to *Productivity Trends,* Table C-II.

[a] Index numbers of inputs are the same as those shown in Table A-24.

TABLE A-25a

Mining: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product and Output, 1948-66 (1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Real Product per Unit of Gross Factor Input	Output per Unit of Gross Capital Input	Output per Unit of Gross Factor Input
1948	101.0	86.0	122.0	71.2	85.6	70.9
1949			113.4	68.3		67.6
1950			117.3	73.7		73.1
1951			118.6	80.1		79.3
1952			115.5	81.6		80.7
1953	96.4	101.1	108.3	90.0	99.2	88.4
1954			99.3	95.0		93.6
1955			103.5	100.4		99.1
1956			108.8	100.8		100.0
1957	99.2	110.6	108.0	101.6	109.9	100.9
1958			100.0	100.0		100.0
1959			100.2	103.8		104.1
1960	103.6	102.7	99.8	106.6	102.6	106.5
1961			99.1	108.3		108.3
1962			100.0	109.9		109.8
1963			96.2	117.3		117.4
1964			93.9	124.2		124.2
1965			92.4	129.9		130.0
1966	82.5	152.4	87.1	144.3	152.7	144.7

[a] Index numbers of real product and output are the same as those shown in Tables A-24 and A-25.

TABLE A-26

Metal Mining: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	98.7	111.6	88.4	122.5	80.6	66.2	149.1	111.3	88.7
1949	88.7	104.2	85.1	110.5	80.3			104.8	84.6
1950	102.2	106.3	96.1	115.7	88.3			107.0	95.5
1951	109.9	111.6	98.5	125.7	87.4			115.2	95.4
1952	101.4	112.6	90.1	127.7	79.4			118.4	85.6
1953	112.8	116.8	96.6	130.9	86.2	69.6	162.1	118.4	95.3
1954	92.4	110.5	83.6	116.8	79.1			109.0	84.8
1955	115.1	113.7	101.2	124.1	92.7			118.1	97.5
1956	119.1	121.1	98.3	131.9	90.3			124.9	95.4
1957	123.5	122.1	101.1	128.3	96.3	97.7	126.4	122.1	101.1
1958	100.0	100.0	100.0	100.0	100.0			100.0	100.0
1959	93.5	90.5	103.3	94.2	99.3			97.4	96.0
1960	117.3	102.1	114.9	110.5	106.2	122.6	95.7	113.0	103.8
1961	117.5	95.8	122.7	102.6	114.5			107.2	109.6
1962	118.2	90.5	130.6	97.4	121.4			103.1	114.6
1963	117.8	87.4	134.8	93.2	126.4			98.5	119.6
1964	123.2	87.4	141.0	93.7	131.5			94.9	129.8
1965	130.3	91.6	142.2	98.4	132.4			96.8	134.6
1966	140.0	94.7	147.8	103.1	135.8	100.9	138.8	102.7	136.3

Note: Relates to *Productivity Trends*, Table C-III.

TABLE A-26a

Metal Mining: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	86.5	114.1	112.6	87.7
1949			106.9	83.0
1950			108.5	94.2
1951			114.7	95.8
1952			114.1	88.9
1953	74.7	151.0	111.6	101.1
1954			105.1	87.9
1955			114.1	100.9
1956			119.7	99.5
1957	98.8	125.0	118.2	104.5
1958			100.0	100.0
1959			98.9	94.5
1960	118.8	98.7	113.4	103.4
1961			107.8	109.0
1962			103.7	114.0
1963			100.5	117.2
1964			95.9	128.5
1965			95.6	136.3
1966	97.0	144.3	101.0	138.6

[a] Index numbers of output are the same as those shown in Table A-26.

TABLE A-27

Coal Mining: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	157.5	240.7	65.4	274.2	57.4	125.9	125.1	253.2	62.2
1949	116.2	215.5	53.9	208.8	55.7			198.5	58.5
1950	133.7	213.7	62.6	221.9	60.3			209.9	63.7
1951	137.1	201.3	68.1	208.5	65.8			199.0	68.9
1952	120.7	181.4	66.5	183.5	65.8			177.0	68.2
1953	113.9	156.6	72.7	157.5	72.3	117.3	97.1	154.0	74.0
1954	98.2	123.0	79.8	119.6	82.1			118.7	82.7
1955	116.4	115.5	100.8	128.6	90.5			126.3	92.2
1956	124.8	120.8	103.3	135.3	92.2			132.1	94.5
1957	121.1	118.1	102.5	127.8	94.8	100.0	121.1	125.4	96.6
1958	100.0	100.0	100.0	100.0	100.0			100.0	100.0
1959	99.8	88.9	112.3	95.4	104.6			95.7	104.3
1960	100.3	83.2	120.6	89.4	112.2	97.5	102.9	90.1	111.3
1961	96.5	74.3	129.9	80.7	119.6			82.0	117.7
1962	102.0	71.2	143.3	79.6	128.1			80.3	127.0
1963	109.7	69.0	159.0	81.2	135.1			81.2	135.1
1964	116.2	67.3	172.7	79.4	146.3			80.0	145.2
1965	121.3	66.4	182.7	80.2	151.2			81.5	148.8
1966	125.3	65.0	192.8	79.4	157.8	93.8	133.6	80.7	155.3

Note: Relates to *Productivity Trends*, Table C-III.

TABLE A-27a

Coal Mining: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	126.6	124.4	240.0	65.6
1949			190.4	61.0
1950			201.1	66.5
1951			191.2	71.7
1952			170.8	70.7
1953	117.1	97.3	149.5	76.2
1954			118.0	83.2
1955			124.2	93.7
1956			128.7	97.0
1957	100.6	120.4	122.4	98.9
1958			100.0	100.0
1959			96.1	103.9
1960	98.1	102.2	91.1	110.1
1961			83.9	115.0
1962			82.3	123.9
1963			81.6	134.4
1964			80.7	144.0
1965			82.8	146.5
1966	92.4	135.6	82.0	152.8

[a] Index numbers of output are the same as those shown in Table A-27.

TABLE A-28

Crude Petroleum and Natural Gas Mining: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	73.1	81.7	89.5	79.9	91.5	112.9	64.7	90.0	81.2
1949	69.1	79.7	86.7	78.4	88.1			91.5	75.5
1950	75.8	80.5	94.2	79.9	94.9			94.5	80.2
1951	85.6	88.7	96.5	88.7	96.5			100.6	85.1
1952	88.5	94.2	93.9	94.7	93.5			103.3	85.7
1953	92.6	96.8	95.7	96.8	95.7	107.6	86.1	99.8	92.8
1954	92.6	99.1	93.4	98.1	94.4			98.0	94.5
1955	99.6	103.2	96.5	102.5	97.2			100.9	98.7
1956	105.4	106.7	98.8	106.9	98.6			105.8	99.6
1957	106.1	107.6	98.6	107.6	98.6	103.1	102.9	106.3	99.8
1958	100.0	100.0	100.0	100.0	100.0			100.0	100.0
1959	105.4	100.0	105.4	101.2	104.2			100.9	104.5
1960	105.2	95.6	110.0	95.5	110.2	102.2	102.9	97.4	108.0
1961	107.4	93.9	114.4	93.2	115.2			96.9	110.8
1962	109.9	92.7	118.6	92.6	118.7			97.0	113.3
1963	112.4	89.8	125.2	90.3	124.5			92.3	121.8
1964	115.0	90.1	127.6	91.0	126.4			91.4	125.8
1965	117.0	90.1	129.9	90.7	129.0			89.1	131.3
1966	122.9	88.7	138.6	89.8	136.9	73.7	166.8	85.3	144.1

Note: Relates to *Productivity Trends,* Table C-III.

TABLE A-28a

Crude Petroleum and Natural Gas Mining: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	104.2	70.2	93.7	78.0
1949			96.7	71.5
1950			99.0	76.6
1951			102.3	83.7
1952			103.6	85.4
1953	99.3	93.3	98.3	94.2
1954			94.1	98.4
1955			96.4	103.3
1956			101.8	103.5
1957	99.4	106.7	102.8	103.2
1958			100.0	100.0
1959			101.3	104.0
1960	102.9	102.2	99.9	105.3
1961			101.7	105.6
1962			103.8	105.9
1963			97.3	115.5
1964			93.2	123.4
1965			88.9	131.6
1966	71.8	171.2	79.2	155.2

[a] Index numbers of output are the same as those shown in Table A-28.

TABLE A-29

Nonmetallic Mining and Quarrying: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	61.5	82.9	74.2	84.8	72.5	59.9	102.7	80.7	76.2
1949	59.5	82.9	71.8	82.7	71.9			80.2	74.2
1950	68.1	84.6	80.5	85.6	79.6			82.5	82.5
1951	74.4	91.9	81.0	94.9	78.4			89.6	83.0
1952	77.6	93.5	83.0	96.8	80.2			91.7	84.6
1953	79.7	95.9	83.1	98.6	80.8	67.6	117.9	93.0	85.7
1954	87.8	95.9	91.6	97.1	90.4			92.6	94.8
1955	95.2	100.0	95.2	102.2	93.2			98.5	96.6
1956	102.5	104.9	97.7	107.6	95.3			104.1	98.5
1957	101.9	104.1	97.9	105.1	97.0	93.9	108.5	103.1	98.8
1958	100.0	100.0	100.0	100.0	100.0			100.0	100.0
1959	109.7	101.6	108.0	104.3	105.2			103.7	105.8
1960	113.9	100.0	113.9	101.1	112.7	100.0	113.9	100.9	112.9
1961	113.5	99.2	114.4	100.7	112.8			101.3	112.0
1962	113.8	98.4	115.7	100.7	113.0			102.3	111.2
1963	116.3	98.4	118.2	101.4	114.7			104.5	111.3
1964	123.1	98.4	125.1	102.5	120.1			107.4	114.6
1965	131.2	101.6	129.1	107.2	122.4			112.2	116.9
1966	138.5	102.4	135.3	107.9	128.4	140.1	98.9	113.8	121.7

Note: Relates to *Productivity Trends*, Table C-III.

TABLE A-29a

Nonmetallic Mining and Quarrying: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	61.1	100.7	77.0	79.9
1949			77.0	77.3
1950			79.0	86.2
1951			85.2	87.3
1952			87.5	88.7
1953	70.4	113.2	89.2	89.3
1954			89.8	97.8
1955			96.1	99.1
1956			102.3	100.2
1957	96.8	105.3	102.3	99.6
1958			100.0	100.0
1959			103.0	106.5
1960	101.1	112.7	101.1	112.7
1961			102.9	110.3
1962			105.9	107.5
1963			110.9	104.9
1964			117.4	104.9
1965			122.7	106.9
1966	155.4	89.1	123.8	111.9

[a] Index numbers of output are the same as those shown in Table A-29.

TABLE A-30

Contract Construction: Real Product, Inputs, and Productivity Ratios, 1948-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	68.2	92.9	73.4	97.4	70.0	48.2	141.5	91.8	74.3
1949	70.9	89.2	79.5	92.7	76.5	56.2	126.2	89.1	79.6
1950	78.3	96.7	81.0	99.6	78.6	58.4	134.1	95.4	82.1
1951	88.2	103.3	85.4	107.8	81.8	68.2	129.3	104.0	84.8
1952	88.7	103.3	85.9	109.9	80.7	75.0	118.3	106.9	83.0
1953	91.4	101.7	89.9	105.4	86.7	76.3	119.8	103.2	88.6
1954	93.4	98.3	95.0	99.7	93.7	76.4	122.3	97.9	95.4
1955	100.4	101.1	99.3	102.0	98.4	77.8	129.0	100.1	100.3
1956	105.6	105.3	100.3	107.2	98.5	84.5	125.0	105.5	100.1
1957	102.2	103.3	98.9	104.0	98.3	94.0	108.7	103.2	99.0
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	106.6	103.4	103.1	103.9	102.6	104.0	102.5	103.9	102.6
1960	105.1	102.4	102.6	102.1	102.9	109.9	95.6	102.7	102.3
1961	103.5	101.5	102.0	101.9	101.6	115.8	89.4	103.0	100.5
1962	104.9	103.4	101.5	104.1	100.8	123.0	85.3	105.6	99.3
1963	105.9	105.7	100.2	107.1	98.9	132.5	79.9	109.1	97.1
1964	112.9	109.0	103.6	110.1	102.5	143.1	78.9	112.6	100.3
1965	113.6	113.6	100.0	115.2	98.6	154.7	73.4	118.2	96.1
1966	118.2	116.3	101.6	118.5	99.7	167.3	70.7	122.3	96.6
1967	111.6	114.4	97.6	116.9	95.5				
1968	115.3	117.2	98.4	118.5	97.3				
1969p	116.6	123.2	94.6	126.4	92.2				

Note: Relates to *Productivity Trends*, Table E-I.

p Preliminary (as of July 1971 *Survey of Current Business*).

TABLE A-30a

Contract Construction: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	44.1	154.5	88.1	77.4
1949	51.0	139.0	85.8	82.6
1950	54.4	143.9	92.1	85.0
1951	64.4	137.0	100.9	87.4
1952	72.1	123.0	104.3	85.0
1953	77.1	118.5	101.7	89.9
1954	81.6	114.5	97.3	96.0
1955	82.9	121.1	99.5	100.9
1956	86.9	121.5	104.5	101.1
1957	93.6	109.2	102.6	99.6
1958	100.0	100.0	100.0	100.0
1959	105.2	101.3	104.1	102.4
1960	110.1	95.5	103.2	101.8
1961	116.4	88.9	103.8	99.7
1962	124.2	84.5	106.8	98.2
1963	134.3	78.9	110.7	95.7
1964	145.7	77.5	114.8	98.3
1965	158.0	71.9	120.8	94.0
1966	171.3	69.0	125.5	94.2

[a] Index numbers of real product are the same as those shown in Table A-30.

TABLE A-31

Manufacturing: Real Product, Inputs, and Productivity Ratios, 1948-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	77.8	98.1	79.3	102.2	76.1	100.8	77.2	71.4	109.0	94.7	82.2
1949	73.5	91.3	80.5	92.9	79.1	91.7	80.2	73.3	100.3	88.7	82.9
1950	85.3	96.1	88.8	99.6	85.6	98.4	86.7	73.8	115.6	93.6	91.1
1951	93.9	103.7	90.5	107.7	87.2	107.2	87.6	78.3	119.9	101.4	92.6
1952	96.0	105.6	90.9	109.7	87.5	109.6	87.6	85.5	112.3	105.4	91.1
1953	104.0	110.7	93.9	114.1	91.1	114.4	90.9	88.8	117.1	109.8	94.7
1954	96.6	103.2	93.6	104.5	92.4	104.4	92.5	89.2	108.3	101.7	95.0
1955	108.0	106.6	101.3	109.7	98.5	109.8	98.4	89.9	120.1	106.2	101.7
1956	108.4	108.8	99.6	111.2	97.5	111.5	97.2	95.1	114.0	108.5	99.9
1957	108.8	108.2	100.6	109.4	99.5	110.3	98.6	98.7	110.2	108.2	100.6
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	112.4	104.5	107.6	107.1	104.9	107.1	104.9	101.6	110.6	106.1	105.9
1960	113.9	105.2	108.3	107.3	106.2	107.4	106.1	103.7	109.8	106.7	106.7
1961	113.5	102.5	110.7	104.3	108.8	104.3	108.8	104.9	108.2	104.4	108.7
1962	125.0	105.9	118.0	109.0	114.7	109.2	114.5	106.6	117.3	108.7	115.0
1963	131.3	106.6	123.2	110.0	119.4	110.4	118.9	111.1	118.2	110.5	118.8
1964	140.4	108.5	129.4	113.5	123.7	114.0	123.2	115.6	121.5	114.3	122.8
1965	154.1	113.3	136.0	118.5	130.0	119.2	129.3	123.4	124.9	120.0	128.4
1966	166.3	120.5	138.0	126.6	131.4	127.8	130.1	136.4	121.9	129.3	128.6
1967	166.1	121.7	136.5	125.5	132.4	124.9	133.0				
1968	177.3	123.9	143.1	128.1	138.4	127.6	138.9				
1969[p]	182.6	126.3	144.6	130.3	140.1	129.8	140.7				

[p] Preliminary (as of July 1971 *Survey of Current Business*).

TABLE A-31a

Manufacturing: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	70.8	109.9	92.8	83.8
1949	73.2	100.4	87.4	84.1
1950	74.2	115.0	92.3	92.4
1951	77.6	121.0	99.5	94.4
1952	84.1	114.1	103.4	92.8
1953	87.7	118.6	107.8	96.5
1954	88.8	108.8	100.6	96.0
1955	89.7	120.4	104.9	103.0
1956	94.3	115.0	107.3	101.0
1957	97.8	111.2	107.3	101.4
1958	100.0	100.0	100.0	100.0
1959	102.9	109.2	106.1	105.9
1960	106.6	106.8	107.2	106.2
1961	109.7	103.5	105.6	107.5
1962	112.9	110.7	110.1	113.5
1963	116.7	112.5	111.9	117.3
1964	121.7	115.4	115.9	121.1
1965	129.7	118.8	121.8	126.5
1966	142.0	117.1	131.3	126.7

[a] Index numbers of real product are the same as those shown in Table A-31.

TABLE A-32

Manufacturing: Output, Inputs, and Productivity Ratios, 1929-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Labor Input	Output per Unit of Labor Input	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1929	40.0	67.0	59.7	76.9	52.0	73.6	54.3	59.1	67.7	71.3	56.1
1930	34.2	59.7	57.3	65.4	52.3	62.7	54.5	61.2	55.9	63.8	53.6
1931	28.8	50.6	56.9	53.3	54.0	51.2	56.3	60.3	47.8	55.0	52.4
1932	21.5	42.8	50.2	42.6	50.5	40.9	52.6	56.3	38.2	46.3	46.4
1933	25.1	46.1	54.4	45.7	54.9	44.0	57.0	52.2	48.1	47.4	53.0
1934	27.6	53.5	51.6	48.1	57.4	46.5	59.4	49.8	55.4	48.6	56.8
1935	33.1	57.0	58.1	54.1	61.2	52.3	63.3	48.7	68.0	52.5	63.0
1936	38.7	61.7	62.7	62.8	61.6	60.7	63.8	48.8	79.3	58.8	65.8
1937	41.3	67.8	60.9	68.0	60.7	65.8	62.8	50.5	81.8	63.1	65.5
1938	32.4	58.5	55.4	54.1	59.9	52.5	61.7	50.9	63.7	53.7	60.3
1939	41.0	63.9	64.2	62.7	65.4	60.9	67.3	50.1	81.8	59.5	68.9
1940	47.5	69.8	68.1	69.1	68.7	67.3	70.6	51.4	92.4	64.4	73.8
1941	63.2	84.2	75.1	88.8	71.2	86.6	73.0	55.6	113.7	79.5	79.5
1942	78.9	97.8	80.7	109.0	72.4	106.5	74.1	59.6	132.4	95.0	83.1
1943	95.3	111.4	85.5	129.9	73.4	127.0	75.0	60.6	157.3	109.9	86.7
1944	93.0	109.2	85.2	128.3	72.5	125.7	74.0	59.6	156.0	108.6	85.6
1945	78.6	97.4	80.7	109.9	71.5	107.9	72.8	58.1	135.3	95.5	82.3
1946	64.3	93.1	69.1	97.7	65.8	96.1	66.9	61.8	104.0	88.3	72.8
1947	71.3	97.7	73.0	102.5	69.6	100.9	70.7	67.5	105.6	93.5	76.3

1948	73.7	98.1	75.1	102.2	72.1	100.8	73.1	71.4	103.2	94.7	77.8
1949	69.6	91.3	76.2	92.9	74.9	91.7	75.9	73.3	95.0	88.7	78.5
1950	81.1	96.1	84.4	99.6	81.4	98.4	82.4	73.8	109.9	93.6	86.6
1951	87.6	103.7	84.5	107.7	81.3	107.2	81.7	78.3	111.9	101.4	86.4
1952	91.1	105.6	86.3	109.7	83.0	109.6	83.1	85.5	106.5	105.4	86.4
1953	99.1	110.7	89.5	114.1	86.9	114.4	86.6	88.8	111.6	109.8	90.3
1954	92.3	103.2	89.4	104.5	88.3	104.4	88.4	89.2	103.5	101.7	90.8
1955	104.1	106.6	97.7	109.7	94.9	109.8	94.8	89.9	115.8	106.2	98.0
1956	107.3	108.8	98.6	111.2	96.5	111.5	96.2	95.1	112.8	108.5	98.9
1957	108.1	108.2	99.9	109.4	98.8	110.3	98.0	98.7	109.5	108.2	99.9
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	113.7	104.5	108.8	107.1	106.2	107.1	106.2	101.6	111.9	106.1	107.2
1960	116.7	105.2	110.9	107.3	108.8	107.4	108.7	103.7	112.5	106.7	109.4
1961	117.4	102.5	114.5	104.3	112.6	104.3	112.6	104.9	111.9	104.4	112.5
1962	127.1	105.9	120.0	109.0	116.6	109.2	116.4	106.6	119.2	108.7	116.9
1963	133.7	106.6	125.4	110.0	121.5	110.4	121.1	111.1	120.3	110.5	121.0
1964	142.5	108.5	131.3	113.5	125.6	114.0	125.0	115.6	123.3	114.3	124.7
1965	155.2	113.3	137.0	118.5	131.0	119.2	130.2	123.4	125.8	120.0	129.3
1966	169.9	120.5	141.0	126.6	134.2	127.8	132.9	136.4	124.6	129.3	131.4

Note: Relates to *Productivity Trends*, Tables D-I and D-II.

TABLE A-32a

Manufacturing: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Output, 1929-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1929	60.4	66.2	71.0	56.3
1930	62.3	54.9	64.1	53.4
1931	62.0	46.5	56.1	51.3
1932	59.5	36.1	48.2	44.6
1933	56.7	44.3	49.4	50.8
1934	55.2	50.0	50.6	54.5
1935	54.5	60.7	54.4	60.8
1936	54.5	71.0	60.0	64.5
1937	55.6	74.3	64.0	64.5
1938	56.1	57.8	55.1	58.8
1939	55.4	74.0	60.6	67.7
1940	56.4	84.2	65.2	72.9
1941	59.4	106.4	79.2	79.8
1942	62.1	127.1	93.5	84.4
1943	62.8	151.8	107.5	88.7
1944	62.0	150.0	106.4	87.4
1945	60.9	129.1	94.0	83.6
1946	63.5	101.3	87.1	73.8
1947	67.7	105.3	91.8	77.7
1948	70.8	104.1	92.8	79.4
1949	73.2	95.1	87.4	79.6
1950	74.2	109.3	92.3	87.9
1951	77.6	112.9	99.5	88.0
1952	84.1	108.3	103.4	88.1
1953	87.7	113.0	107.8	91.9
1954	88.8	103.9	100.6	91.7
1955	89.7	116.1	104.9	99.2
1956	94.3	113.8	107.3	100.0
1957	97.8	110.5	107.3	100.7
1958	100.0	100.0	100.0	100.0
1959	102.9	110.5	106.1	107.2
1960	106.6	109.5	107.2	108.9
1961	109.7	107.0	105.6	111.2
1962	112.9	112.6	110.1	115.4
1963	116.7	114.6	111.9	119.5
1964	121.7	117.1	115.9	123.0
1965	129.7	119.7	121.8	127.4
1966	142.0	119.6	131.3	129.4

[a] Index numbers of output are the same as those shown in Table A-32.

TABLE A-33

Manufacturing, Nondurable Goods: Real Product, Inputs, and Productivity Ratios, 1948-66

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	76.4	102.2	74.8	106.6	71.7	104.4	73.2	77.7	98.3	97.1	78.7
1949	74.8	98.5	75.9	101.3	73.8	99.5	75.2	81.9	91.3	95.3	78.5
1950	82.8	101.1	81.9	105.2	78.7	103.3	80.2	82.2	100.7	97.9	84.6
1951	87.4	103.7	84.3	106.9	81.8	105.3	83.0	84.2	103.8	100.0	87.4
1952	87.4	103.4	84.5	107.2	81.5	105.8	82.6	89.1	98.1	102.0	85.7
1953	91.5	105.4	86.8	107.4	85.2	106.1	86.2	90.4	101.2	102.6	89.2
1954	89.3	102.0	87.5	102.6	87.0	101.9	87.6	90.7	98.5	99.4	89.8
1955	97.8	104.0	94.0	105.8	92.4	105.0	93.1	91.8	106.5	102.0	95.9
1956	101.1	105.0	96.3	106.5	94.9	106.0	95.4	95.6	105.8	103.7	97.5
1957	101.7	103.9	97.9	104.5	97.3	104.5	97.3	98.0	103.8	103.0	98.7
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	109.2	102.7	106.3	104.7	104.3	104.3	104.7	102.5	106.5	103.9	105.1
1960	110.9	103.3	107.4	104.6	106.0	104.6	106.0	104.5	106.1	104.6	106.0
1961	112.3	102.3	109.8	103.7	108.3	103.8	108.2	105.7	106.2	104.2	107.8
1962	119.6	104.0	115.0	106.1	112.7	106.0	112.8	108.0	110.7	106.4	112.4
1963	123.7	104.1	118.8	106.3	116.4	106.2	116.5	111.1	111.3	107.3	115.3
1964	131.9	105.2	125.4	109.3	120.7	109.2	120.8	115.0	114.7	110.5	119.4
1965	140.1	108.0	129.7	111.3	125.9	111.1	126.1	121.9	114.9	113.5	123.4
1966	149.6	111.9	133.7	115.8	129.2	115.7	129.3	133.1	112.4	119.6	125.1

TABLE A-34

Manufacturing, Nondurable Goods:
Output and Productivity Ratios,[a] 1948-66

(1958=100)

Year	Output	Output per Person	Output per Man-Hour	Output per Unit of Labor Input	Output per Unit of Capital Input	Total Factor Productivity
1948	70.9	69.4	66.5	67.9	91.2	73.0
1949	69.7	70.8	68.8	70.1	85.1	73.1
1950	77.5	76.7	73.7	75.0	94.3	79.2
1951	80.1	77.2	74.9	76.1	95.1	80.1
1952	81.6	78.9	76.1	77.1	91.6	80.0
1953	85.3	80.9	79.4	80.4	94.4	83.1
1954	85.3	83.6	83.1	83.7	94.0	85.8
1955	93.8	90.2	88.7	89.3	102.2	92.0
1956	97.9	93.2	91.9	92.4	102.4	94.4
1957	99.6	95.9	95.3	95.3	101.6	96.7
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	110.0	107.1	105.1	105.5	107.3	105.9
1960	113.1	109.5	108.1	108.1	108.2	108.1
1961	116.7	114.1	112.5	112.4	110.4	112.0
1962	123.8	119.0	116.7	116.8	114.6	116.4
1963	129.5	124.4	121.8	121.9	116.6	120.7
1964	137.0	130.2	125.3	125.5	119.1	124.0
1965	145.5	134.7	130.7	131.0	119.4	128.2
1966	155.9	139.3	134.6	134.7	117.1	130.4

Note: Relates to *Productivity Trends*, Table D-III.

[a] Index numbers of inputs are the same as those shown in Table A-33.

TABLE A-34a

Manufacturing, Nondurable Goods: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product and Output, 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Real Product per Unit of Gross Factor Input	Output per Unit of Gross Capital Input	Output per Unit of Gross Factor Input
1948	75.7	100.9	95.0	80.4	93.7	74.6
1949	79.5	94.1	93.3	80.2	87.7	74.7
1950	80.6	102.7	96.1	86.2	96.2	80.6
1951	82.3	106.2	98.1	89.1	97.3	81.7
1952	87.3	100.1	100.3	87.1	93.5	81.4
1953	89.8	101.9	101.4	90.2	95.0	84.1
1954	90.9	98.2	98.7	90.5	93.8	86.4
1955	92.1	106.2	101.3	96.5	101.8	92.6
1956	95.5	105.9	103.0	98.2	102.5	95.0
1957	97.8	104.0	102.6	99.1	101.8	97.1
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	103.3	105.7	104.0	105.0	106.5	105.8
1960	106.5	104.1	105.1	105.5	106.2	107.6
1961	108.8	103.2	105.2	106.7	107.3	110.9
1962	112.1	106.7	107.8	110.9	110.4	114.8
1963	115.7	106.9	108.9	113.6	111.9	118.9
1964	120.2	109.7	112.4	117.3	114.0	121.9
1965	127.4	110.0	115.8	121.0	114.2	125.6
1966	138.0	108.4	122.1	122.5	113.0	127.7

[a] Index numbers of real product and output are the same as those shown in Tables A-33 and A-34.

TABLE A-35

Manufacturing, Durable Goods: Real Product, Inputs, and Productivity Ratios, 1948-66

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	78.9	94.9	83.1	98.8	79.9	97.8	80.7	65.1	121.2	92.1	85.7
1949	72.5	85.5	84.8	86.4	83.9	85.7	84.6	64.9	111.7	82.9	87.5
1950	87.3	92.2	94.7	95.2	91.7	94.4	92.5	65.5	133.3	89.7	97.3
1951	99.0	103.7	95.5	108.3	91.4	108.2	91.5	72.3	136.9	102.1	97.0
1952	102.6	107.4	95.5	111.6	91.9	111.9	91.7	81.9	125.3	107.6	95.4
1953	113.7	114.8	99.0	119.3	95.3	120.0	94.8	87.1	130.5	115.1	98.8
1954	102.2	104.2	98.1	105.9	96.5	106.1	96.3	87.6	116.7	103.3	98.9
1955	115.9	108.8	106.5	112.7	102.8	113.0	102.6	87.9	131.9	109.2	106.1
1956	114.1	111.8	102.1	114.9	99.3	115.3	99.0	94.6	120.6	112.2	101.7
1957	114.3	111.7	102.3	113.3	100.9	114.2	100.1	99.4	115.0	112.0	102.1
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	114.8	106.0	108.3	108.9	105.4	108.9	105.4	100.6	114.1	107.7	106.6
1960	116.3	106.8	108.9	109.4	106.3	109.3	106.4	102.8	113.1	108.3	107.4
1961	114.5	102.6	111.6	104.8	109.3	104.7	109.4	104.1	110.0	104.6	109.5
1962	129.2	107.4	120.3	111.3	116.1	111.4	116.0	105.1	122.9	110.5	117.2
1963	137.3	108.6	126.4	112.9	121.6	113.1	121.4	111.2	123.5	112.8	121.7
1964	147.0	111.0	132.4	116.9	125.7	117.1	125.5	116.3	126.4	117.0	125.6
1965	164.9	117.5	140.3	124.1	132.9	124.7	132.2	125.0	131.9	124.7	132.2
1966	179.3	127.3	140.8	135.1	132.7	135.9	131.9	140.1	128.0	136.5	131.4

TABLE A-36

Manufacturing, Durable Goods:
Output and Productivity Ratios,[a] 1948-66

(1958=100)

Year	Output	Output per Person	Output per Man-Hour	Output per Unit of Labor Input	Output per Unit of Capital Input	Total Factor Productivity
1948	74.3	78.3	75.2	76.0	114.1	80.7
1949	67.5	78.9	78.1	78.8	104.0	81.4
1950	82.1	89.0	86.2	87.0	125.3	91.5
1951	92.6	89.3	85.5	85.6	128.1	90.7
1952	98.1	91.3	87.9	87.7	119.8	91.2
1953	110.7	96.4	92.8	92.2	127.1	96.2
1954	98.0	94.0	92.5	92.4	111.9	94.9
1955	112.9	103.8	100.2	99.9	128.4	103.4
1956	115.2	103.0	100.3	99.9	121.8	102.7
1957	115.2	103.1	101.7	100.9	115.9	102.9
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	116.8	110.2	107.3	107.3	116.1	108.4
1960	119.8	112.2	109.5	109.6	116.5	110.6
1961	118.0	115.0	112.6	112.7	113.4	112.8
1962	129.9	120.9	116.7	116.6	123.6	117.6
1963	137.0	126.2	121.3	121.1	123.2	121.5
1964	146.9	132.3	125.7	125.4	126.3	125.6
1965	163.3	139.0	131.6	131.0	130.6	131.0
1966	181.3	142.4	134.2	133.4	129.4	132.8

Note: Relates to *Productivity Trends*, Table D-III.

[a] Index numbers of inputs are the same as those shown in Table A-35.

TABLE A-36a

Manufacturing, Durable Goods: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product and Output, 1948-66 (1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Real Product per Unit of Gross Factor Input	Output per Unit of Gross Capital Input	Output per Unit of Gross Factor Input
1948	66.2	119.2	90.7	87.0	112.2	81.9
1949	67.2	107.9	82.3	88.1	100.4	82.0
1950	68.0	128.4	88.8	98.3	120.7	92.5
1951	73.0	135.6	100.2	98.8	126.8	92.4
1952	81.0	126.7	105.4	97.3	121.1	93.1
1953	85.6	132.8	112.6	101.0	129.3	98.3
1954	86.7	117.9	101.9	100.3	113.0	96.2
1955	87.2	132.9	107.5	107.8	129.5	105.0
1956	93.0	122.7	110.5	103.3	123.9	104.3
1957	97.7	117.0	110.7	103.3	117.9	104.1
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	102.5	112.0	107.5	106.8	114.0	108.7
1960	106.7	109.0	108.7	107.0	112.3	110.2
1961	110.6	103.5	106.0	108.0	106.7	111.3
1962	113.8	113.5	111.8	115.6	114.1	116.2
1963	117.8	116.6	114.0	120.4	116.3	120.2
1964	123.3	119.2	118.4	124.2	119.1	124.1
1965	132.0	124.9	126.3	130.6	123.7	129.3
1966	146.1	122.7	138.1	129.8	124.1	131.3

[a] Index numbers of real product and output are the same as those shown in Tables A-35 and A-36.

TABLE A-37

Manufacturing, Food and Kindred Products Excluding Beverages:
Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	74.4	102.0	72.9	106.4	69.9	97.6	76.2	104.6	71.1
1949	75.7	101.3	74.7	103.9	72.9	99.9	75.8	103.1	73.4
1950	78.2	101.8	76.8	104.3	75.0	102.3	76.4	104.0	75.2
1951	80.0	104.4	76.6	107.0	74.8	104.3	76.7	106.5	75.1
1952	82.7	104.4	79.2	107.4	77.0	105.0	78.8	107.0	77.3
1953	83.6	104.6	79.9	106.3	78.6	102.5	81.6	105.6	79.2
1954	86.1	103.4	83.3	105.3	81.8	100.5	85.7	104.5	82.4
1955	90.4	103.4	87.4	105.1	86.0	100.5	90.0	104.3	86.7
1956	95.2	104.4	91.2	106.3	89.6	101.3	94.0	105.4	90.3
1957	96.3	103.0	93.5	104.7	92.0	99.6	96.7	103.8	92.8
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	104.6	100.6	104.0	102.0	102.5	103.6	101.0	102.3	102.2
1960	107.9	101.7	106.1	103.0	104.8	104.8	103.0	103.3	104.5
1961	111.8	100.9	110.8	102.2	109.4	105.7	105.8	102.8	108.8
1962	115.2	100.3	114.9	101.6	113.4	108.0	106.7	102.7	112.2
1963	118.4	99.4	119.1	100.6	117.7	109.0	108.6	102.1	116.0
1964	121.8	99.4	122.5	102.6	118.7	112.6	108.2	104.4	116.7
1965	124.0	99.6	124.5	100.7	123.1	117.1	105.9	103.6	119.7
1966	128.3	100.3	127.9	101.4	126.5	122.6	104.6	105.1	122.1

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-37a

Manufacturing, Food and Kindred Products, Excluding Beverages: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	89.9	82.8	102.3	72.7
1949	92.1	82.2	101.0	75.0
1950	93.9	83.3	101.8	76.8
1951	96.5	82.9	104.5	76.6
1952	98.5	84.0	105.3	78.5
1953	97.4	85.8	104.2	80.2
1954	97.0	88.8	103.3	83.3
1955	97.9	92.3	103.4	87.4
1956	98.6	96.6	104.5	91.1
1957	97.4	98.9	103.0	93.5
1958	100.0	100.0	100.0	100.0
1959	105.0	99.6	102.7	101.9
1960	106.2	101.6	103.8	103.9
1961	106.7	104.8	103.3	108.2
1962	109.5	105.2	103.4	111.4
1963	111.0	106.7	103.1	114.8
1964	114.7	106.2	105.5	115.5
1965	120.2	103.2	105.3	117.8
1966	126.1	101.7	107.3	119.6

[a] Index numbers of output are the same as those shown in Table A-37.

TABLE A-38

Manufacturing, Beverages: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	88.2	110.7	79.7	120.0	73.5	94.1	93.7	109.1	80.8
1949	87.3	106.1	82.3	112.9	77.3	100.8	86.6	107.6	81.1
1950	91.8	107.0	85.8	115.3	79.6	104.5	87.8	110.6	83.0
1951	91.8	108.9	84.3	112.6	81.5	111.2	82.6	111.7	82.2
1952	88.8	107.9	82.3	111.0	80.0	117.5	75.6	113.4	78.3
1953	91.3	107.0	85.3	111.0	82.3	114.7	79.6	112.2	81.4
1954	89.5	104.7	85.5	104.3	85.8	109.3	81.9	105.9	84.5
1955	94.2	104.7	90.0	103.8	90.8	104.7	90.0	104.1	90.5
1956	97.4	105.6	92.2	105.7	92.1	99.8	97.6	103.8	93.8
1957	97.9	104.2	94.0	104.3	93.9	96.5	101.5	101.9	96.1
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	105.4	100.9	104.5	103.1	102.2	105.3	100.1	103.8	101.5
1960	106.5	103.3	103.1	107.2	99.3	106.1	100.4	106.9	99.6
1961	109.7	101.4	108.2	106.0	103.5	108.9	100.7	106.9	102.6
1962	113.5	100.9	112.5	107.2	105.9	109.7	103.5	108.0	105.1
1963	120.1	101.4	118.4	104.3	115.1	108.3	110.9	105.6	113.7
1964	126.8	103.3	122.7	107.6	117.8	111.6	113.6	108.9	116.4
1965	133.1	106.1	125.4	110.3	120.7	118.0	112.8	112.7	118.1
1966	142.6	109.3	130.5	115.3	123.7	127.8	111.6	119.2	119.6

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-38a

Manufacturing, Beverages: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	85.8	102.8	103.9	84.9
1949	91.9	95.0	103.3	84.5
1950	93.9	97.8	105.5	87.0
1951	99.9	91.9	107.0	85.8
1952	106.4	83.5	109.4	81.2
1953	105.1	86.9	108.7	84.0
1954	101.7	88.0	103.3	86.6
1955	99.4	94.8	102.1	92.3
1956	97.3	100.1	102.4	95.1
1957	95.7	102.3	100.9	97.0
1958	100.0	100.0	100.0	100.0
1959	106.0	99.4	104.3	101.1
1960	108.2	98.4	107.4	99.2
1961	111.9	98.0	108.3	101.3
1962	113.7	99.8	109.8	103.4
1963	113.6	105.7	108.0	111.2
1964	117.1	108.3	111.4	113.8
1965	124.0	107.3	115.7	115.0
1966	133.5	106.8	122.5	116.4

[a] Index numbers of output are the same as those shown in Table A-38.

TABLE A-39

Manufacturing, Tobacco Products: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	85.6	107.5	79.6	106.1	80.7	90.7	94.4	97.4	87.9
1949	84.9	109.7	77.4	106.7	79.6	91.2	93.1	98.0	86.6
1950	86.1	105.4	81.7	103.4	83.3	90.5	95.1	96.1	89.6
1951	91.2	114.0	80.0	111.7	81.6	92.1	99.0	100.6	90.7
1952	94.2	114.0	82.6	112.8	83.5	95.2	98.9	102.9	91.5
1953	92.2	114.0	80.9	112.8	81.7	91.0	101.3	100.5	91.7
1954	88.3	111.8	79.0	108.9	81.1	92.7	95.3	99.8	88.5
1955	89.8	109.7	81.9	106.7	84.2	92.5	97.1	98.7	91.0
1956	91.5	106.5	85.9	101.7	90.0	93.5	97.9	97.1	94.2
1957	94.7	102.2	92.7	99.4	95.3	94.7	100.0	96.8	97.8
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	105.0	100.0	105.0	101.1	103.9	108.4	96.9	105.3	99.7
1960	107.1	100.0	107.1	101.1	105.9	112.8	94.9	107.7	99.4
1961	110.6	96.8	114.3	98.3	112.5	119.0	92.9	109.9	100.6
1962	111.8	96.8	115.5	100.0	111.8	123.8	90.3	113.4	98.6
1963	115.0	95.7	120.2	95.5	120.4	121.9	94.3	110.3	104.3
1964	120.6	97.8	123.3	100.0	120.6	118.4	101.9	110.3	109.3
1965	120.1	94.6	127.0	92.7	129.6	118.1	101.7	107.0	112.2
1966	119.8	91.4	131.1	91.6	130.8	128.4	93.3	112.3	106.7

Note: Relates to *Productivity Trends*, Table D-IV.

TABLE A-39a

Manufacturing, Tobacco Products: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	90.6	94.5	97.2	88.1
1949	91.2	93.1	97.8	86.8
1950	89.8	95.9	95.6	90.1
1951	90.4	100.9	99.4	91.8
1952	93.8	100.4	101.8	92.5
1953	90.3	102.1	99.8	92.4
1954	92.2	95.8	99.3	88.9
1955	92.4	97.2	98.5	91.2
1956	93.7	97.7	97.1	94.2
1957	95.0	99.7	96.9	97.7
1958	100.0	100.0	100.0	100.0
1959	108.2	97.0	105.2	99.8
1960	113.0	94.8	108.0	99.2
1961	118.9	93.0	110.2	100.4
1962	123.6	90.5	113.6	98.4
1963	123.2	93.3	111.5	103.1
1964	120.7	99.9	111.9	107.8
1965	121.3	99.0	109.2	110.0
1966	132.5	90.4	115.2	104.0

[a] Index numbers of output are the same as those shown in Table A-39.

TABLE A-40

Manufacturing, Textile Mill Products: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	93.3	144.1	64.7	148.8	62.7	98.0	95.2	138.3	67.5
1949	86.3	129.3	66.7	129.9	66.4	104.4	82.7	126.1	68.4
1950	98.3	136.2	72.2	141.8	69.3	104.4	94.2	134.9	72.9
1951	97.2	134.3	72.4	136.2	71.4	107.7	90.3	131.7	73.8
1952	96.4	126.2	76.4	128.2	75.2	110.3	87.4	126.6	76.1
1953	98.4	125.5	78.4	127.6	77.1	104.4	94.3	124.4	79.1
1954	92.0	113.6	81.0	112.8	81.6	103.7	88.7	115.5	79.7
1955	102.5	114.8	89.3	117.9	86.9	105.6	97.1	116.2	88.2
1956	104.8	112.5	93.2	114.8	91.3	108.6	96.5	113.9	92.0
1957	101.5	106.8	95.0	107.3	94.6	104.4	97.2	106.9	94.9
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	116.2	102.9	112.9	107.8	107.8	91.3	127.3	105.5	110.1
1960	112.1	100.4	111.7	102.7	109.2	90.6	123.7	101.0	111.0
1961	114.7	97.3	117.9	99.8	114.9	88.0	130.3	98.2	116.8
1962	123.9	98.4	125.9	102.8	120.5	85.4	145.1	100.4	123.4
1963	126.1	97.0	130.0	101.4	124.4	86.2	146.3	99.3	127.0
1964	132.6	97.2	136.4	104.5	126.9	88.4	150.0	102.3	129.6
1965	145.5	100.8	144.3	109.1	133.4	91.6	158.8	106.7	136.4
1966	153.7	104.1	147.6	113.9	134.9	99.2	154.9	111.9	137.4

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-40a

Manufacturing, Textile Mill Products: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	106.7	87.4	137.6	67.8
1949	113.1	76.3	126.1	68.4
1950	113.6	86.5	134.8	72.9
1951	115.5	84.2	131.4	74.0
1952	119.1	80.9	126.7	76.1
1953	115.0	85.6	125.1	78.7
1954	115.9	79.4	113.4	81.1
1955	117.6	87.2	117.8	87.0
1956	119.9	87.4	115.8	90.5
1957	116.1	87.4	109.1	93.0
1958	100.0	100.0	100.0	100.0
1959	85.1	136.5	103.3	112.5
1960	84.8	132.2	99.1	113.1
1961	82.8	138.5	96.4	119.0
1962	81.0	153.0	98.5	125.8
1963	82.3	153.2	97.6	129.2
1964	85.0	156.0	100.6	131.8
1965	87.9	165.5	104.9	138.7
1966	93.3	164.7	109.8	140.0

[a] Index numbers of output are the same as those shown in Table A-40.

TABLE A-41

Manufacturing, Apparel and Related Products: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	85.2	104.2	81.8	107.7	79.1	89.2	95.5	105.6	80.7
1949	84.5	102.4	82.5	103.4	81.7	94.2	89.7	102.4	82.5
1950	90.9	104.5	87.0	106.1	85.7	105.5	86.2	106.1	85.7
1951	89.2	105.1	84.9	107.3	83.1	111.5	80.0	107.9	82.7
1952	93.8	106.4	88.2	110.1	85.2	110.3	85.0	110.2	85.1
1953	95.5	108.6	87.9	110.1	86.7	108.5	88.0	110.0	86.8
1954	92.3	103.5	89.2	103.2	89.4	106.3	86.8	103.5	89.2
1955	100.1	106.4	94.1	107.1	93.5	111.3	89.9	107.5	93.1
1956	102.9	106.7	96.4	107.4	95.8	113.1	91.0	107.9	95.4
1957	102.6	104.7	98.0	104.0	98.7	102.8	99.8	103.9	98.7
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	112.0	105.1	106.6	107.8	103.9	110.8	101.1	108.1	103.6
1960	114.2	106.2	107.5	105.7	108.0	115.3	99.0	106.6	107.1
1961	112.8	104.4	108.0	104.0	108.5	113.7	99.2	104.9	107.5
1962	117.9	108.6	108.6	109.8	107.4	123.3	95.6	111.0	106.2
1963	122.7	109.9	111.6	111.8	109.7	130.3	94.2	113.5	108.1
1964	131.0	111.6	117.4	115.1	113.8	138.2	94.8	117.2	111.8
1965	141.7	115.8	122.4	119.8	118.3	157.3	90.1	123.2	115.0
1966	146.6	120.2	122.0	124.5	117.8	180.9	81.0	129.6	113.1

Note: Relates to *Productivity Trends*, Table D-IV.

TABLE A-41a

Manufacturing, Apparel and Related Products:
Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	81.0	105.2	104.2	81.8
1949	86.5	97.7	101.3	83.4
1950	96.2	94.5	105.0	86.6
1951	102.2	87.3	106.9	83.4
1952	102.5	91.5	109.3	85.8
1953	103.4	92.4	109.4	87.3
1954	103.8	88.9	103.3	89.4
1955	108.6	92.2	107.3	93.3
1956	110.3	93.3	107.7	95.5
1957	102.0	100.6	103.8	98.8
1958	100.0	100.0	100.0	100.0
1959	108.9	102.8	107.9	103.8
1960	111.9	102.1	106.4	107.3
1961	110.8	101.8	104.7	107.7
1962	120.0	98.2	110.9	106.3
1963	125.4	97.8	113.3	108.3
1964	132.6	98.8	117.0	112.0
1965	149.4	94.8	123.1	115.1
1966	169.9	86.3	129.5	113.2

[a] Index numbers of output are the same as those shown in Table A-41.

TABLE A-42
Manufacturing, Lumber and Wood Products except Furniture:
Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	90.5	133.6	67.7	141.4	64.0	105.4	85.9	135.6	66.7
1949	79.9	117.7	67.9	111.7	71.5	106.4	75.1	111.2	71.9
1950	97.0	127.3	76.2	123.2	78.7	105.7	91.8	120.6	80.4
1951	96.8	136.4	71.0	131.8	73.4	113.3	85.4	129.0	75.0
1952	95.5	129.3	73.9	125.9	75.9	120.5	79.3	125.4	76.2
1953	101.0	125.0	80.8	123.6	81.7	118.7	85.1	123.2	82.0
1954	98.2	114.3	85.9	114.5	85.8	103.8	94.6	113.5	86.5
1955	109.6	119.7	91.6	120.7	90.8	93.1	117.7	118.2	92.7
1956	107.1	117.9	90.8	116.7	91.8	100.6	106.5	115.3	92.9
1957	98.9	106.6	92.8	104.0	95.1	103.0	96.0	103.9	95.2
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	115.4	105.5	109.4	107.7	107.1	99.5	116.0	107.0	107.9
1960	110.5	102.1	108.2	104.2	106.0	103.2	107.1	104.1	106.1
1961	111.4	95.4	116.8	97.6	114.1	106.5	104.6	98.4	113.2
1962	118.6	96.2	123.3	99.9	118.7	110.6	107.2	100.9	117.5
1963	123.7	95.9	129.0	99.4	124.4	112.9	109.6	100.6	123.0
1964	127.9	98.2	130.2	103.9	123.1	118.9	107.6	105.2	121.6
1965	133.4	99.4	134.2	104.9	127.2	136.4	97.8	107.7	123.9
1966	135.6	100.6	134.8	106.1	127.8	149.0	91.0	110.0	123.3

Note: Relates to *Productivity Trends*, Table D-IV.

TABLE A-42a

Manufacturing, Lumber and Wood Products except Furniture: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	100.3	90.2	132.5	68.3
1949	101.4	78.8	110.0	72.6
1950	99.3	97.7	118.3	82.0
1951	105.9	91.4	126.5	76.5
1952	111.6	85.6	123.4	77.4
1953	108.9	92.7	121.0	83.5
1954	99.3	98.9	111.9	87.8
1955	92.5	118.5	115.8	94.6
1956	98.5	108.7	113.5	94.4
1957	100.9	98.0	103.5	95.6
1958	100.0	100.0	100.0	100.0
1959	101.2	114.0	106.6	108.3
1960	105.6	104.6	104.4	105.8
1961	109.5	101.7	99.7	111.7
1962	113.8	104.2	102.3	115.9
1963	116.4	106.3	102.4	120.8
1964	122.8	104.2	107.2	119.3
1965	139.4	95.7	110.9	120.3
1966	151.5	89.5	114.0	118.9

[a] Index numbers of output are the same as those shown in Table A-42.

TABLE A-43

Manufacturing, Furniture and Fixtures: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	75.0	96.4	77.8	102.0	73.5	102.6	73.1	102.5	73.2
1949	69.4	89.9	77.2	93.3	74.4	97.3	71.3	94.1	73.8
1950	84.7	102.3	82.8	108.6	78.0	98.8	85.7	108.1	78.4
1951	80.0	100.8	79.4	104.2	76.8	94.1	85.0	103.7	77.1
1952	82.2	101.6	80.9	106.9	76.9	100.4	81.9	106.7	77.0
1953	86.0	103.6	83.0	107.0	80.4	95.4	90.1	106.3	80.9
1954	89.6	96.4	92.9	97.6	91.8	95.3	94.0	97.5	91.9
1955	102.0	102.8	99.2	106.2	96.0	100.7	101.3	105.9	96.3
1956	105.5	105.4	100.1	108.4	97.3	105.8	99.7	108.2	97.5
1957	103.9	104.9	99.0	106.2	97.8	102.6	101.3	106.0	98.0
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	116.3	105.2	110.6	108.7	107.0	104.5	111.3	108.4	107.3
1960	117.8	104.9	112.3	108.8	108.3	109.2	107.9	108.8	108.3
1961	114.2	100.3	113.9	102.9	111.0	108.1	105.6	103.2	110.7
1962	121.8	105.2	115.8	110.0	110.7	107.3	113.5	109.8	110.9
1963	124.0	106.5	116.4	110.1	112.6	110.6	112.1	110.1	112.6
1964	133.6	110.9	120.5	115.4	115.8	112.2	119.1	115.2	116.0
1965	146.6	117.1	125.2	121.1	121.1	118.9	123.3	121.0	121.2
1966	160.1	125.4	127.7	129.4	123.7	134.8	118.8	129.7	123.4

Note: Relates to *Productivity Trends*, Table D-IV.

TABLE A-43a

Manufacturing, Furniture and Fixtures:
Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	102.7	73.0	102.5	73.2
1949	98.4	70.5	94.3	73.6
1950	97.5	86.9	107.6	78.7
1951	98.8	81.0	103.9	77.0
1952	98.2	83.7	106.2	77.4
1953	93.5	92.0	105.7	81.4
1954	94.0	95.3	97.2	92.2
1955	98.3	103.8	105.4	96.8
1956	102.0	103.4	107.8	97.9
1957	100.8	103.1	105.7	98.3
1958	100.0	100.0	100.0	100.0
1959	104.7	111.1	108.3	107.4
1960	109.3	107.8	108.8	108.3
1961	109.2	104.6	103.5	110.3
1962	109.4	111.3	109.9	110.8
1963	112.7	110.0	110.4	112.3
1964	113.7	117.5	115.2	116.0
1965	119.6	122.6	121.0	121.2
1966	133.7	119.7	129.8	123.3

[a] Index numbers of output are the same as those shown in Table A-43.

TABLE A-44

Manufacturing, Paper and Allied Products: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	66.8	84.3	79.2	88.0	75.9	62.1	107.6	80.7	82.8
1949	63.8	81.2	78.6	82.9	77.0	65.5	97.4	78.8	81.0
1950	76.9	86.9	88.5	91.0	84.5	66.6	115.5	84.4	91.1
1951	81.4	91.4	89.1	95.0	85.7	70.6	115.3	88.5	92.0
1952	77.6	90.3	85.9	93.6	82.9	76.4	101.6	89.8	86.4
1953	84.5	95.5	88.5	98.6	85.7	78.2	108.1	93.8	90.1
1954	85.4	95.7	89.2	97.0	88.0	80.3	106.4	93.0	91.8
1955	96.0	98.7	97.3	101.6	94.5	83.1	115.5	97.2	98.8
1956	100.3	102.1	98.2	104.5	96.0	89.1	112.6	100.9	99.4
1957	99.3	101.6	97.7	101.8	97.5	95.9	103.5	100.3	99.0
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	110.2	104.3	105.7	106.7	103.3	99.7	110.5	105.0	105.0
1960	111.7	106.1	105.3	106.6	104.8	101.7	109.8	105.4	106.0
1961	118.5	107.3	110.4	108.3	109.4	105.3	112.5	107.6	110.1
1962	125.2	110.2	113.6	111.7	112.1	106.3	117.8	110.4	113.4
1963	131.4	111.4	118.0	113.1	116.2	107.1	122.7	111.7	117.6
1964	140.1	112.0	125.1	115.1	121.7	109.5	127.9	113.8	123.1
1965	149.5	114.7	130.3	116.8	128.0	114.0	131.1	116.1	128.8
1966	159.8	119.5	133.7	122.7	130.2	124.8	128.0	123.2	129.7

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-44a

Manufacturing, Paper and Allied Products:
Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	61.1	109.3	78.5	85.1
1949	63.8	100.0	76.6	83.3
1950	65.8	116.9	82.3	93.4
1951	68.1	119.5	85.7	95.0
1952	74.1	104.7	87.4	88.8
1953	76.4	110.6	91.4	92.5
1954	79.5	107.4	91.3	93.5
1955	82.9	115.8	95.5	100.5
1956	88.5	113.3	99.3	101.0
1957	95.0	104.5	99.6	99.7
1958	100.0	100.0	100.0	100.0
1959	101.7	108.4	105.1	104.9
1960	105.4	106.0	106.2	105.2
1961	110.7	107.0	109.1	108.6
1962	114.5	109.3	112.6	111.2
1963	116.7	112.6	114.3	115.0
1964	120.5	116.3	116.9	119.8
1965	125.6	119.0	119.7	124.9
1966	134.9	118.5	126.7	126.1

[a] Index numbers of output are the same as those shown in Table A-44.

TABLE A-45

Manufacturing, Printing and Publishing: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output Per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	71.7	85.5	83.9	95.5	75.1	98.7	72.6	95.7	74.9
1949	73.6	85.5	86.1	97.9	75.2	101.2	72.7	98.1	75.0
1950	77.0	86.6	88.9	99.4	77.5	103.4	74.5	99.7	77.2
1951	78.5	89.3	87.9	99.3	79.1	104.4	75.2	99.7	78.7
1952	78.3	91.0	86.0	102.6	76.3	105.4	74.3	102.8	76.2
1953	81.9	93.7	87.4	97.1	84.3	103.9	78.8	97.7	83.8
1954	85.2	94.5	90.2	96.7	88.1	97.3	87.6	96.8	88.0
1955	91.7	96.8	94.7	100.0	91.7	92.4	99.2	99.4	92.3
1956	97.8	99.7	98.1	102.4	95.5	96.3	101.6	101.9	96.0
1957	100.8	101.1	99.7	102.8	98.1	98.7	102.1	102.5	98.3
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	107.9	101.6	106.2	103.0	104.8	102.1	105.7	102.9	104.9
1960	114.2	104.3	109.5	107.1	106.6	105.8	107.9	107.0	106.7
1961	116.1	105.1	110.5	107.5	108.0	108.3	107.2	107.6	108.0
1962	119.7	105.9	113.0	107.9	110.9	110.6	108.2	108.1	110.7
1963	121.9	106.3	114.7	109.4	111.4	117.2	104.0	110.1	110.7
1964	129.1	108.9	118.5	114.1	113.1	124.8	103.4	115.0	112.3
1965	136.5	111.7	122.2	116.3	117.4	135.3	100.9	117.9	115.8
1966	148.8	116.4	127.8	121.7	122.3	148.5	100.2	124.0	120.0

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-45a

Manufacturing, Printing and Publishing:
Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	88.7	80.8	94.6	75.8
1949	90.1	81.7	96.9	76.0
1950	91.5	84.2	98.3	78.3
1951	93.0	84.4	98.5	79.7
1952	94.3	83.0	101.5	77.1
1953	94.6	86.6	96.8	84.6
1954	92.7	91.9	96.2	88.6
1955	90.8	101.0	98.8	92.8
1956	94.7	103.3	101.4	96.4
1957	97.3	103.6	102.1	98.7
1958	100.0	100.0	100.0	100.0
1959	102.8	105.0	103.0	104.8
1960	106.5	107.2	107.0	106.7
1961	110.0	105.5	107.8	107.7
1962	113.8	105.2	108.7	110.1
1963	120.1	101.5	110.8	110.0
1964	129.5	99.7	116.1	111.2
1965	140.3	97.3	119.4	114.3
1966	152.9	97.3	125.8	118.3

[a] Index numbers of output are the same as those shown in Table A-45.

TABLE A-46

Manufacturing, Chemicals and Allied Products: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	48.5	81.6	59.4	85.3	56.9	58.2	83.3	74.6	65.0
1949	47.8	77.7	61.5	81.2	58.9	63.2	75.6	74.7	64.0
1950	59.8	80.3	74.5	83.8	71.4	66.1	90.5	77.4	77.3
1951	67.8	89.6	75.7	92.5	73.3	69.6	97.4	84.0	80.7
1952	70.8	92.5	76.5	95.6	74.1	77.9	90.9	89.5	79.1
1953	76.6	97.4	78.6	99.1	77.3	82.6	92.7	93.7	81.8
1954	76.4	95.9	79.7	97.0	78.8	83.7	91.3	92.6	82.5
1955	88.5	98.0	90.3	98.9	89.5	85.8	103.1	94.6	93.6
1956	94.6	102.0	92.7	102.8	92.0	90.9	104.1	98.9	95.7
1957	99.4	103.8	95.8	104.3	95.3	96.4	103.1	101.7	97.7
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	114.5	102.4	111.8	102.9	111.3	101.9	112.4	102.6	111.6
1960	121.4	104.5	116.2	104.8	115.8	105.2	115.4	104.9	115.7
1961	128.3	104.9	122.3	105.9	121.2	107.5	119.3	106.4	120.6
1962	141.4	106.9	132.3	108.1	130.8	110.5	128.0	108.9	129.8
1963	154.2	108.8	141.7	110.3	139.8	116.4	132.5	112.3	137.3
1964	165.6	110.3	150.1	113.1	146.4	121.1	136.7	115.7	143.1
1965	179.9	114.3	157.4	115.9	155.2	131.2	137.1	120.8	148.9
1966	200.5	121.2	165.4	123.6	162.2	146.7	136.7	131.2	152.8

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-46a

Manufacturing, Chemicals and Allied Products:
Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	55.3	87.7	71.4	67.9
1949	60.2	79.4	71.9	66.5
1950	63.8	93.7	75.0	79.7
1951	66.5	102.0	80.8	83.9
1952	73.6	96.2	86.1	82.2
1953	79.6	96.2	91.0	84.2
1954	82.1	93.1	90.8	84.1
1955	85.1	104.0	93.2	95.0
1956	90.7	104.3	97.8	96.7
1957	95.8	103.8	100.8	98.6
1958	100.0	100.0	100.0	100.0
1959	104.4	109.7	103.5	110.6
1960	109.1	111.3	106.6	113.9
1961	112.5	114.0	108.6	118.1
1962	116.8	121.1	111.7	126.6
1963	120.9	127.5	114.7	134.4
1964	126.0	131.4	118.4	139.9
1965	135.9	132.4	124.2	144.8
1966	150.3	133.4	134.6	149.0

[a] Index numbers of output are the same as those shown in Table A-46.

TABLE A-47

Manufacturing, Petroleum Refining and Related Industries: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	67.1	98.2	68.3	105.0	63.9	71.5	93.8	86.1	77.9
1949	65.0	96.0	67.7	98.9	65.7	76.0	85.5	88.1	73.8
1950	71.6	96.9	73.9	101.1	70.8	72.4	98.9	85.8	83.4
1951	80.1	102.2	78.4	106.8	75.0	71.5	112.0	86.7	92.4
1952	82.1	104.4	78.6	106.1	77.4	75.8	108.3	89.9	91.3
1953	86.9	106.6	81.5	108.8	79.9	79.9	108.8	93.9	92.5
1954	86.2	105.3	81.9	106.8	80.7	83.8	102.9	94.9	90.8
1955	93.6	105.3	88.9	107.4	87.2	85.6	109.3	96.1	97.4
1956	99.3	104.8	94.8	106.5	93.2	92.6	107.2	99.3	100.0
1957	100.2	105.3	95.2	106.8	93.8	98.1	102.1	102.3	97.9
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	107.6	95.6	112.6	97.1	110.8	103.1	104.4	100.2	107.4
1960	111.3	92.5	120.3	95.0	117.2	102.8	108.3	99.0	112.4
1961	114.5	89.0	128.7	91.0	125.8	100.6	113.8	96.0	119.3
1962	120.0	86.3	139.0	88.7	135.3	102.2	117.4	95.7	125.4
1963	125.5	84.6	148.3	85.6	146.6	104.9	119.6	95.6	131.3
1964	129.7	82.4	157.4	85.4	151.9	109.2	118.8	97.7	132.8
1965	132.4	81.1	163.3	82.2	161.1	114.6	115.5	99.0	133.7
1966	137.5	81.1	169.5	82.7	166.3	123.2	111.6	103.6	132.7

Note: Relates to *Productivity Trends*, Table D-IV.

TABLE A-47a

Manufacturing, Petroleum Refining and Related Industries: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	79.4	84.5	89.2	75.2
1949	83.3	78.0	90.4	71.9
1950	81.2	88.2	89.5	80.0
1951	79.5	100.8	89.8	89.2
1952	84.5	97.2	93.3	88.0
1953	89.6	97.0	98.0	88.7
1954	91.7	94.0	98.3	87.7
1955	89.7	104.3	97.4	96.1
1956	93.7	106.0	99.3	100.0
1957	97.7	102.6	101.7	98.5
1958	100.0	100.0	100.0	100.0
1959	104.1	103.4	101.1	106.4
1960	107.4	103.6	102.0	109.1
1961	108.3	105.7	100.8	113.6
1962	111.0	108.1	101.3	118.5
1963	116.8	107.4	103.2	121.6
1964	121.6	106.7	105.9	122.5
1965	127.8	103.6	108.0	122.6
1966	137.2	100.2	113.5	121.1

[a] Index numbers of output are the same as those shown in Table A-47.

TABLE A-48

Manufacturing, Rubber and Miscellaneous Plastics Products: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	60.6	89.3	67.9	88.4	68.6	79.5	76.2	87.3	69.4
1949	57.2	82.1	69.7	79.4	72.0	77.4	73.9	79.9	71.6
1950	74.1	89.0	83.3	90.7	81.7	71.0	104.4	87.0	85.2
1951	75.7	96.3	78.6	98.4	76.9	72.0	105.1	93.1	81.3
1952	77.8	97.1	80.1	98.2	79.2	81.7	95.2	95.4	81.6
1953	83.4	103.7	80.4	104.4	79.9	84.6	98.6	100.8	82.7
1954	81.8	95.1	86.0	93.2	87.8	84.7	96.6	91.7	89.2
1955	101.9	104.3	97.7	109.0	93.5	88.4	115.3	105.3	96.8
1956	99.9	106.6	93.7	106.6	93.7	93.2	107.2	104.2	95.9
1957	104.8	106.9	98.0	106.9	98.0	97.1	107.9	105.1	99.7
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	120.6	108.9	110.7	111.0	108.6	103.1	117.0	109.6	110.0
1960	121.4	109.5	110.9	111.2	109.2	108.6	111.8	110.7	109.7
1961	122.8	107.2	114.6	109.4	112.2	112.8	108.9	110.0	111.6
1962	143.9	118.2	121.7	122.2	117.8	119.1	120.8	121.6	118.3
1963	154.9	120.7	128.3	123.2	125.7	125.2	123.7	123.6	125.3
1964	172.9	125.1	138.2	130.1	132.9	130.6	132.4	130.2	132.8
1965	190.1	135.2	140.6	139.6	136.2	139.7	136.1	139.6	136.2
1966	212.3	147.3	144.1	152.1	139.6	154.9	137.1	152.6	139.1

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-48a

Manufacturing, Rubber and Miscellaneous Plastics Products: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	68.9	88.0	83.6	72.5
1949	68.8	83.1	77.3	74.0
1950	65.6	113.0	84.1	88.1
1951	67.8	111.7	90.3	83.8
1952	75.7	102.8	92.5	84.1
1953	80.0	104.2	98.3	84.8
1954	81.2	100.7	90.2	90.7
1955	85.5	119.2	103.1	98.8
1956	90.6	110.3	102.6	97.4
1957	94.6	110.8	103.8	101.0
1958	100.0	100.0	100.0	100.0
1959	104.9	115.0	109.5	110.1
1960	109.1	111.3	110.7	109.7
1961	113.0	108.7	110.3	111.3
1962	119.0	120.9	121.4	118.5
1963	124.6	124.3	123.5	125.4
1964	129.8	133.2	130.0	133.0
1965	138.0	137.8	139.2	136.6
1966	150.9	140.7	151.8	139.9

[a] Index numbers of output are the same as those shown in Table A-48.

TABLE A-49

Manufacturing, Leather and Leather Products: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	91.9	114.2	80.5	115.6	79.5	112.3	81.8	115.4	79.6
1949	87.5	110.1	79.5	109.0	80.3	114.8	76.2	110.2	79.4
1950	94.6	111.5	84.8	112.6	84.0	113.9	83.1	113.1	83.6
1951	88.7	107.3	82.7	106.6	83.2	108.2	82.0	107.1	82.8
1952	94.4	108.1	87.3	110.7	85.3	112.3	84.1	111.2	84.9
1953	94.7	108.7	87.1	110.9	85.4	107.9	87.8	110.7	85.5
1954	93.8	104.2	90.0	104.3	89.9	105.0	89.3	104.4	89.8
1955	102.0	107.3	95.1	109.5	93.2	103.7	98.4	109.1	93.5
1956	103.9	106.4	97.7	107.7	96.5	104.5	99.4	107.5	96.7
1957	103.3	104.7	98.7	104.9	98.5	102.0	101.3	104.7	98.7
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	108.7	104.2	104.3	106.1	102.5	100.1	108.6	105.6	102.9
1960	103.1	101.1	102.0	101.7	101.4	100.5	102.6	101.6	101.5
1961	103.3	100.0	103.3	99.8	103.5	97.7	105.7	99.6	103.7
1962	105.3	100.3	105.0	101.8	103.4	91.4	115.2	101.0	104.3
1963	102.4	97.5	105.0	99.2	103.2	104.3	98.2	99.6	102.8
1964	105.3	97.5	108.0	101.4	103.8	114.3	92.1	102.4	102.8
1965	111.0	99.2	111.9	102.5	108.3	112.0	99.1	103.2	107.6
1966	114.6	101.7	112.7	106.1	108.0	118.1	97.0	107.0	107.1

Note: Relates to *Productivity Trends*, Table D-IV.

TABLE A-49a

Manufacturing, Leather and Leather Products:
Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	107.5	85.5	114.4	80.3
1949	111.4	78.5	109.6	79.8
1950	111.0	85.2	112.5	84.1
1951	106.1	83.6	106.7	83.1
1952	109.9	85.9	110.8	85.2
1953	107.3	88.3	110.5	85.7
1954	105.1	89.2	104.4	89.8
1955	103.5	98.6	108.9	93.7
1956	103.7	100.2	107.3	96.8
1957	101.6	101.7	104.6	98.8
1958	100.0	100.0	100.0	100.0
1959	101.4	107.2	105.6	102.9
1960	102.8	100.3	101.8	101.3
1961	101.0	102.3	99.9	103.4
1962	94.3	111.7	101.0	104.3
1963	105.6	97.0	99.8	102.6
1964	114.8	91.7	102.7	102.5
1965	113.5	97.8	103.6	107.1
1966	120.1	95.4	107.5	106.6

[a] Index numbers of output are the same as those shown in Table A-49.

TABLE A-50

Manufacturing, Stone, Clay, and Glass Products: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	74.7	99.5	75.1	103.2	72.4	61.2	122.1	92.1	81.1
1949	69.7	92.6	75.3	93.8	74.3	61.3	113.7	85.6	81.4
1950	84.3	98.1	85.9	102.1	82.6	62.0	136.0	91.6	92.0
1951	93.1	104.8	88.8	109.8	84.8	66.8	139.4	98.6	94.4
1952	89.1	101.2	88.0	104.9	84.9	70.9	125.7	96.6	92.2
1953	91.3	103.1	88.6	105.4	86.6	73.7	123.9	97.8	93.4
1954	87.8	98.4	89.2	99.7	88.1	77.3	113.6	94.3	93.1
1955	100.8	104.1	96.8	106.8	94.4	79.6	126.6	100.3	100.5
1956	106.1	106.7	99.4	109.0	97.3	86.9	122.1	103.7	102.3
1957	105.0	105.0	100.0	105.3	99.7	94.0	111.7	102.6	102.3
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	116.2	106.4	109.2	107.9	107.7	103.8	111.9	106.9	108.7
1960	115.4	107.1	107.7	109.2	105.7	106.5	108.4	108.6	106.3
1961	113.7	102.9	110.5	104.9	108.4	108.0	105.3	105.6	107.7
1962	118.6	104.5	113.5	106.9	110.9	107.9	109.9	107.1	110.7
1963	125.3	106.4	117.8	109.3	114.6	110.0	113.9	109.5	114.4
1964	134.4	109.0	123.3	113.7	118.2	114.7	117.2	113.9	118.0
1965	142.4	111.9	127.3	114.9	123.9	118.8	119.9	115.8	123.0
1966	150.0	114.7	130.8	117.7	127.4	127.6	117.6	120.1	124.9

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-50a

Manufacturing, Stone, Clay, and Glass Products:
Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	63.6	117.5	90.1	82.9
1949	64.3	108.4	84.3	82.7
1950	63.8	132.1	89.5	94.2
1951	66.9	139.2	95.5	97.5
1952	70.5	126.4	93.8	95.0
1953	72.0	126.8	94.7	96.4
1954	76.1	115.4	92.2	95.2
1955	79.4	127.0	98.1	102.8
1956	86.2	123.1	101.7	104.3
1957	92.1	114.0	101.1	103.9
1958	100.0	100.0	100.0	100.0
1959	106.5	109.1	107.5	108.1
1960	110.3	104.6	106.4	108.5
1961	113.8	99.9	107.7	105.6
1962	116.2	102.1	109.9	107.9
1963	119.9	104.5	112.7	111.2
1964	125.7	106.9	117.5	114.4
1965	130.8	108.9	120.0	118.7
1966	139.2	107.8	124.6	120.4

[a] Index numbers of output are the same as those shown in Table A-50.

TABLE A-51

Manufacturing, Primary Metal Industries: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	106.9	110.4	96.8	119.3	89.6	70.8	151.0	107.8	99.2
1949	90.0	97.9	91.9	101.5	88.7	70.7	127.3	95.6	94.1
1950	113.2	107.1	105.7	116.4	97.3	70.0	161.7	105.4	107.4
1951	123.2	118.3	104.1	130.8	94.2	71.7	171.8	115.8	106.4
1952	112.6	112.7	99.9	115.9	97.2	80.4	140.0	109.1	103.2
1953	127.5	120.2	106.1	130.0	98.1	87.2	146.2	121.2	105.2
1954	103.5	105.9	97.7	108.2	95.7	88.5	116.9	104.1	99.4
1955	134.5	115.2	116.8	124.2	108.3	85.4	157.5	116.2	115.7
1956	132.5	118.3	112.0	123.8	107.0	86.4	153.4	116.1	114.1
1957	128.0	118.0	108.5	121.9	105.0	92.3	138.7	115.8	110.5
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	115.2	102.8	112.1	105.1	109.6	101.3	113.7	104.3	110.5
1960	116.7	105.9	110.2	107.5	108.6	101.8	114.6	106.3	109.8
1961	114.3	98.9	115.6	101.2	112.9	105.4	108.4	102.1	111.9
1962	121.4	101.2	120.0	104.9	115.7	104.3	116.4	104.8	115.8
1963	132.0	101.5	130.0	107.0	123.4	111.4	118.5	107.9	122.3
1964	150.4	106.4	141.4	115.3	130.4	113.3	132.7	114.9	130.9
1965	160.3	112.3	142.7	121.9	131.5	118.3	135.5	121.2	132.3
1966	166.2	116.5	142.7	126.5	131.4	125.8	132.1	126.3	131.6

Note: Relates to *Productivity Trends*, Table D-IV.

TABLE A-51a

Manufacturing, Primary Metal Industries:
Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	74.6	143.3	105.1	101.7
1949	75.1	119.8	94.5	95.2
1950	74.8	151.3	103.4	109.5
1951	75.7	162.7	112.5	109.5
1952	82.0	137.3	106.2	106.0
1953	87.5	145.7	117.2	108.8
1954	89.1	116.2	102.5	101.0
1955	87.0	154.6	113.0	119.0
1956	88.5	149.7	113.2	117.0
1957	93.5	136.9	113.4	112.9
1958	100.0	100.0	100.0	100.0
1959	102.5	112.4	104.3	110.5
1960	105.0	111.1	106.7	109.4
1961	109.7	104.2	103.8	110.1
1962	111.3	109.1	106.8	113.7
1963	110.7	119.2	108.1	122.1
1964	114.9	130.9	115.2	130.6
1965	121.2	132.3	121.7	131.7
1966	128.1	129.7	127.0	130.9

[a] Index numbers of output are the same as those shown in Table A-51.

TABLE A-52

Manufacturing, Fabricated Metal Products except Machinery, Transportation Equipment, and Ordnance: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	81.2	94.0	86.4	97.7	83.1	67.6	120.1	93.0	87.3
1949	73.4	84.7	86.7	86.3	85.1	67.2	109.2	83.8	87.6
1950	89.8	94.1	95.4	98.0	91.6	68.6	130.9	93.4	96.1
1951	96.0	100.8	95.2	105.9	90.7	76.8	125.0	101.6	94.5
1952	93.6	100.9	92.8	105.5	88.7	84.8	110.4	103.0	90.9
1953	105.5	108.9	96.9	113.6	92.9	88.1	119.8	110.3	95.6
1954	94.9	101.5	93.5	103.6	91.6	89.5	106.0	101.8	93.2
1955	104.0	107.1	97.1	109.6	94.9	89.9	115.7	107.0	97.2
1956	105.1	108.7	96.7	111.0	94.7	94.2	111.6	108.8	96.6
1957	108.6	109.6	99.1	110.6	98.2	97.7	111.2	108.9	99.7
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	111.8	104.6	106.9	107.8	103.7	102.1	109.5	107.1	104.4
1960	112.3	105.1	106.9	108.3	103.7	104.6	107.4	107.8	104.2
1961	109.4	100.3	109.1	103.2	106.0	105.3	103.9	103.5	105.7
1962	118.4	104.3	113.5	108.9	108.7	107.7	109.9	108.7	108.9
1963	122.8	106.0	115.8	109.6	112.0	111.3	110.3	109.8	111.8
1964	132.0	109.7	120.3	114.8	115.0	116.3	113.5	115.0	114.8
1965	147.1	116.7	126.0	123.0	119.6	126.4	116.4	123.4	119.2
1966	162.2	124.7	130.1	132.3	122.6	140.4	115.5	133.4	121.6

Note: Relates to *Productivity Trends*, Table D-IV.

TABLE A-52a

Manufacturing, Fabricated Metal Products except Machinery, Transportation Equipment, and Ordnance: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	68.6	118.4	92.1	88.2
1949	68.9	106.5	83.6	87.8
1950	70.5	127.4	92.8	96.8
1951	76.2	126.0	100.2	95.8
1952	83.1	112.6	101.9	91.9
1953	84.8	124.4	108.4	97.3
1954	87.2	108.8	100.6	94.3
1955	88.2	117.9	105.7	98.4
1956	92.2	114.0	107.6	97.7
1957	96.4	112.7	108.0	100.6
1958	100.0	100.0	100.0	100.0
1959	103.0	108.5	106.9	104.6
1960	106.5	105.4	108.0	104.0
1961	109.2	100.2	104.3	104.9
1962	113.5	104.3	109.7	107.9
1963	117.6	104.4	111.0	110.6
1964	122.3	107.9	116.2	113.6
1965	131.3	112.0	124.5	118.2
1966	143.9	112.7	134.4	120.7

[a] Index numbers of output are the same as those shown in Table A-52.

TABLE A-53

Manufacturing, Machinery, except Electric: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	85.0	102.1	83.3	108.2	78.6	78.1	108.8	103.6	82.0
1949	72.5	88.0	82.4	90.3	80.3	77.4	93.7	89.3	81.2
1950	81.4	89.9	90.5	94.5	86.1	77.3	105.3	92.7	87.8
1951	103.4	108.5	95.3	118.8	87.0	85.1	121.5	113.6	91.0
1952	112.3	114.2	98.3	124.6	90.1	94.7	118.6	120.5	93.2
1953	115.8	116.1	99.7	124.8	92.8	96.5	120.0	121.0	95.7
1954	98.8	105.0	94.1	108.8	90.8	96.3	102.6	107.1	92.3
1955	107.6	106.8	100.7	112.5	95.6	96.9	111.0	110.4	97.5
1956	121.8	114.8	106.1	122.1	99.8	104.6	116.4	119.7	101.8
1957	119.4	115.4	103.5	120.1	99.4	108.5	110.0	118.5	100.8
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	118.9	107.1	111.0	110.7	107.4	94.6	125.7	108.5	109.6
1960	121.1	108.2	111.9	111.8	108.3	97.1	124.7	109.8	110.3
1961	117.2	104.3	112.4	107.1	109.4	95.9	122.2	105.6	111.0
1962	130.2	109.6	118.8	113.9	114.3	95.5	136.3	111.4	116.9
1963	136.5	112.4	121.4	118.6	115.1	97.3	140.3	115.7	118.0
1964	152.9	118.2	129.4	127.1	120.3	102.8	148.7	123.8	123.5
1965	172.5	127.8	135.0	138.0	125.0	113.9	151.4	134.7	128.1
1966	195.7	140.3	139.5	154.0	127.1	128.9	151.8	150.6	129.9

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-53a

Manufacturing, Machinery except Electric:
Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	72.1	117.9	100.4	84.7
1949	72.8	99.6	87.4	83.0
1950	73.7	110.4	90.8	89.6
1951	80.1	129.1	110.5	93.6
1952	88.5	126.9	117.4	95.7
1953	90.7	127.7	118.0	98.1
1954	92.1	107.3	105.5	93.6
1955	93.7	114.8	108.7	99.0
1956	100.8	120.8	117.8	103.4
1957	105.2	113.5	117.1	102.0
1958	100.0	100.0	100.0	100.0
1959	97.1	122.5	108.0	110.1
1960	101.0	119.9	109.6	110.5
1961	101.9	115.0	106.1	110.5
1962	103.5	125.8	111.8	116.5
1963	106.6	128.0	116.2	117.5
1964	112.9	135.4	124.3	123.0
1965	122.9	140.4	135.0	127.8
1966	136.5	143.4	150.5	130.0

[a] Index numbers of output are the same as those shown in Table A-53.

TABLE A-54

Manufacturing, Electric Machinery, Equipment, and Supplies: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	58.1	80.8	71.9	82.9	70.1	58.5	99.3	78.6	73.9
1949	54.5	69.7	78.2	71.8	75.9	57.1	95.4	69.6	78.3
1950	74.7	80.0	93.4	81.5	91.7	57.8	129.2	77.4	96.5
1951	75.1	89.6	83.8	92.0	81.6	65.6	114.5	87.5	85.8
1952	85.9	96.1	89.4	100.4	85.6	78.0	110.1	97.0	88.6
1953	99.7	107.6	92.7	109.5	91.1	84.7	117.7	105.6	94.4
1954	90.5	96.6	93.7	96.7	93.6	86.2	105.0	95.0	95.3
1955	103.1	100.9	102.2	102.9	100.2	88.5	116.5	100.6	102.5
1956	114.0	107.0	106.5	107.8	105.8	98.1	116.2	106.3	107.2
1957	112.0	108.6	103.1	108.8	102.9	100.9	111.0	107.5	104.2
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	123.9	112.5	110.1	114.5	108.2	103.9	119.2	102.8	120.5
1960	132.4	118.2	112.0	120.7	109.7	108.9	121.6	118.8	111.4
1961	138.1	119.2	115.9	121.6	113.6	113.8	121.4	120.4	114.7
1962	156.8	127.7	122.8	131.5	119.2	116.7	134.4	129.1	121.5
1963	165.1	126.5	130.5	128.2	128.8	132.6	124.5	128.9	128.1
1964	175.5	125.4	140.0	128.2	136.9	142.1	123.5	130.4	134.6
1965	200.4	134.4	149.1	139.2	144.0	153.5	130.6	141.5	141.6
1966	232.6	153.9	151.1	160.1	145.3	180.6	128.8	163.4	142.4

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-54a

Manufacturing, Electric Machinery, Equipment, and Supplies: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	60.9	95.4	78.1	74.4
1949	60.9	89.5	69.7	78.2
1950	62.0	120.5	77.4	96.5
1951	69.3	108.4	87.1	86.2
1952	81.0	106.0	96.4	89.1
1953	88.4	112.8	105.2	94.8
1954	88.4	102.4	95.0	95.3
1955	87.8	117.4	99.9	103.2
1956	95.1	119.9	105.3	108.3
1957	98.0	114.3	106.6	105.1
1958	100.0	100.0	100.0	100.0
1959	105.6	117.3	112.7	109.9
1960	116.0	114.1	119.8	110.5
1961	127.7	108.1	122.8	112.5
1962	133.3	117.6	131.9	118.9
1963	143.4	115.1	131.2	125.8
1964	148.5	118.2	132.3	132.7
1965	160.4	124.9	143.4	139.7
1966	191.4	121.5	166.4	139.8

[a] Index numbers of output are the same as those shown in Table A-54.

TABLE A-55

Manufacturing, Transportation Equipment and Ordnance: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	57.2	71.9	79.6	72.1	79.3	58.0	98.6	72.1	79.3
1949	57.5	69.8	82.4	69.7	82.5	55.8	103.0	69.5	82.7
1950	70.0	73.0	95.9	74.7	93.7	56.6	123.7	73.5	95.2
1951	85.0	91.1	93.3	93.0	91.4	66.3	128.2	90.3	94.1
1952	97.6	107.5	90.8	111.8	87.3	79.4	122.9	108.4	90.0
1953	123.0	123.8	99.4	127.3	96.6	87.8	140.1	122.6	100.3
1954	108.4	109.1	99.4	111.2	97.5	87.7	123.6	108.4	100.0
1955	125.6	112.9	111.2	117.4	107.0	89.2	140.8	114.1	110.1
1956	115.2	112.3	102.6	115.6	99.7	99.3	116.0	113.7	101.3
1957	121.1	116.0	104.4	117.6	103.0	104.9	115.4	116.1	104.3
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	115.5	104.4	110.6	108.9	106.1	98.6	117.1	107.7	107.2
1960	119.6	101.9	117.4	104.5	114.4	99.9	119.7	104.0	115.0
1961	115.5	96.6	119.6	98.1	117.7	98.0	117.9	98.1	117.7
1962	131.1	103.7	126.4	108.1	121.3	98.4	133.2	107.0	122.5
1963	139.8	106.5	131.3	112.3	124.5	103.7	134.8	111.3	125.6
1964	142.8	106.3	134.3	111.8	127.7	113.7	125.6	112.0	127.5
1965	162.1	112.3	144.3	119.2	136.0	126.3	128.3	120.0	135.1
1966	184.7	125.0	147.8	131.8	140.1	144.3	128.0	133.3	138.6

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-55a

Manufacturing, Transportation Equipment and Ordnance: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	56.8	100.7	71.0	80.6
1949	57.2	100.5	69.4	82.9
1950	58.1	120.5	73.2	95.6
1951	64.7	131.4	88.6	95.9
1952	75.6	129.1	105.7	92.3
1953	84.3	145.9	119.7	102.8
1954	84.9	127.7	106.6	101.7
1955	86.5	145.2	112.0	112.1
1956	95.0	121.3	112.0	102.9
1957	100.6	120.4	114.6	105.7
1958	100.0	100.0	100.0	100.0
1959	102.3	112.9	107.7	107.2
1960	106.5	112.3	104.9	114.0
1961	108.6	106.4	99.9	115.6
1962	112.3	116.7	108.8	120.5
1963	119.3	117.2	113.6	123.1
1964	129.9	109.9	115.0	124.2
1965	141.3	114.7	123.1	131.7
1966	157.2	117.5	136.3	135.5

[a] Index numbers of output are the same as those shown in Table A-55.

TABLE A-56

Manufacturing, Instruments, Photographic and Optical Goods, and Clocks:
Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	56.3	76.9	73.2	78.2	72.0	40.4	139.4	69.6	80.9
1949	50.2	70.5	71.2	70.1	71.6	47.3	106.1	65.6	76.5
1950	58.5	76.9	76.1	78.7	74.3	53.0	110.4	73.6	79.5
1951	67.0	89.4	74.9	93.2	71.9	62.2	107.7	87.0	77.0
1952	79.7	96.0	83.0	99.7	79.9	70.7	112.7	94.3	84.5
1953	87.0	103.0	84.5	106.9	81.4	74.9	116.2	100.8	86.3
1954	84.6	98.8	85.6	100.3	84.3	75.7	111.8	95.6	88.5
1955	92.0	100.0	92.0	101.9	90.3	79.2	116.2	97.6	94.3
1956	100.5	105.8	95.0	108.5	92.6	90.7	110.8	105.1	95.6
1957	104.8	108.5	96.6	111.3	94.2	98.5	106.4	108.9	96.2
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	119.0	105.5	112.8	107.9	110.3	103.3	115.2	107.0	111.2
1960	125.8	107.6	116.9	109.6	114.8	109.2	115.2	109.5	114.9
1961	124.7	105.5	118.2	106.8	116.8	113.9	109.5	108.2	115.2
1962	132.1	108.8	121.4	111.6	118.4	123.6	106.9	113.9	116.0
1963	139.5	110.6	126.1	112.2	124.3	131.5	106.1	115.9	120.4
1964	146.1	111.2	131.4	113.6	128.6	126.9	115.1	116.1	125.8
1965	162.2	117.3	138.3	120.5	134.6	130.2	124.6	122.4	132.5
1966	189.1	130.7	144.7	136.1	138.9	153.1	123.5	139.3	135.8

Note: Relates to *Productivity Trends,* Table D-IV.

TABLE A-56a

Manufacturing, Instruments, Photographic and Optical Goods, and Clocks: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	42.0	134.0	68.8	81.8
1949	48.6	103.3	65.1	77.1
1950	55.1	106.2	73.3	79.8
1951	62.9	106.5	86.1	77.8
1952	69.9	114.0	92.9	85.8
1953	72.3	120.3	98.8	88.1
1954	74.2	114.0	94.2	89.8
1955	78.9	116.6	96.5	95.3
1956	90.1	111.5	104.2	96.4
1957	97.4	107.6	108.1	96.9
1958	100.0	100.0	100.0	100.0
1959	104.1	114.3	107.0	111.2
1960	109.4	115.0	109.6	114.8
1961	115.4	108.1	108.8	114.6
1962	126.5	104.4	115.1	114.8
1963	135.4	103.0	117.6	118.6
1964	131.4	111.2	117.7	124.1
1965	133.9	121.1	123.6	131.2
1966	154.1	122.7	140.3	134.8

[a] Index numbers of output are the same as those shown in Table A-56.

TABLE A-57

Manufacturing, Miscellaneous Products: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	81.8	109.4	74.8	115.7	70.7	51.5	158.8	103.1	79.3
1949	75.8	101.7	74.5	102.8	73.7	61.5	123.3	96.0	79.0
1950	85.3	106.7	79.9	108.5	78.6	63.5	134.3	100.9	84.5
1951	82.6	107.2	77.1	108.9	75.8	69.7	118.5	103.0	80.2
1952	85.1	105.7	80.5	104.9	81.1	76.8	110.8	101.8	83.6
1953	95.9	113.1	84.8	115.8	82.8	78.9	121.5	110.8	86.6
1954	86.8	107.4	80.8	108.1	80.3	78.1	111.1	104.1	83.4
1955	99.6	108.4	91.9	108.9	91.5	80.2	124.2	105.0	94.9
1956	105.3	110.1	95.6	110.8	95.0	86.8	121.3	107.6	97.9
1957	102.5	105.2	97.4	104.2	98.4	90.1	113.8	102.3	100.2
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	113.8	103.5	110.0	104.2	109.2	97.7	116.5	103.3	110.2
1960	117.8	104.0	113.3	105.6	111.6	91.9	128.2	103.8	113.5
1961	119.2	101.2	117.8	101.9	117.0	86.8	137.3	99.9	119.3
1962	128.8	104.2	123.6	106.3	121.2	85.5	150.6	103.5	124.4
1963	131.5	103.5	127.1	104.7	125.6	84.4	155.8	102.0	128.9
1964	140.3	105.9	132.5	110.4	127.1	82.3	170.5	106.6	131.6
1965	153.6	110.6	138.9	112.8	136.2	83.3	184.4	108.8	141.2
1966	166.1	114.3	145.3	116.8	142.2	93.2	178.2	113.6	146.2

Note: Relates to *Productivity Trends*, Table D-IV.

TABLE A-57a

Manufacturing, Miscellaneous Products:
Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	49.4	165.6	99.3	82.4
1949	59.5	127.4	93.6	81.0
1950	62.2	137.1	98.5	86.6
1951	67.2	122.9	100.5	82.2
1952	74.4	114.4	100.1	85.0
1953	76.5	125.4	108.5	88.4
1954	77.5	112.0	102.4	84.8
1955	80.9	123.1	103.7	96.0
1956	87.3	120.6	106.4	99.0
1957	92.0	111.4	101.9	100.6
1958	100.0	100.0	100.0	100.0
1959	100.9	112.8	103.6	109.8
1960	95.4	123.5	103.7	113.6
1961	90.6	131.6	99.8	119.4
1962	88.6	145.4	103.0	125.0
1963	86.2	152.6	101.3	129.8
1964	83.8	167.4	105.5	133.0
1965	85.2	180.3	107.7	142.6
1966	94.2	176.3	112.6	147.5

[a] Index numbers of output are the same as those shown in Table A-57.

TABLE A-58

Transportation and Warehousing: Real Product, Inputs, and Productivity Ratios, 1948-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	98.7	118.3	83.4	127.4	77.5	130.9	75.4	82.2	120.1	126.4	78.1
1949	87.1	110.5	78.8	115.4	75.5	117.9	73.9	84.6	103.0	115.4	75.5
1950	94.2	111.9	84.2	113.2	83.2	115.3	81.7	86.5	108.9	113.5	83.0
1951	103.6	117.7	88.0	119.8	86.5	122.0	84.9	88.8	116.7	119.7	86.5
1952	101.0	116.8	86.5	118.7	85.1	120.7	83.7	91.3	110.6	118.9	84.9
1953	101.2	116.5	86.9	117.1	86.4	119.0	85.0	93.4	108.4	117.8	85.9
1954	100.2	107.9	92.9	107.6	93.1	108.9	92.0	95.0	105.5	108.2	92.6
1955	105.0	109.1	96.2	110.0	95.5	111.4	94.3	96.2	109.1	110.7	94.9
1956	108.7	110.5	98.4	111.4	97.6	112.7	96.5	97.6	111.4	112.0	97.1
1957	107.5	109.0	98.6	109.9	97.8	110.8	97.0	99.1	108.5	110.3	97.5
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	106.1	100.4	105.7	101.5	104.5	101.1	104.9	100.6	105.5	101.1	104.9
1960	107.4	100.2	107.2	100.6	106.8	100.0	107.4	101.6	105.7	100.1	107.3
1961	107.4	96.6	111.2	97.5	110.2	96.6	111.2	102.3	105.0	96.9	110.8
1962	113.5	96.4	117.7	97.6	116.3	96.5	117.6	102.9	110.3	96.8	117.3
1963	120.2	95.9	125.3	97.9	122.8	96.8	124.2	103.8	115.8	97.1	123.8
1964	124.8	96.6	129.2	99.7	125.2	98.5	126.7	105.0	118.9	98.8	126.3
1965	136.6	97.8	139.7	101.9	134.1	100.3	136.2	107.2	127.4	100.6	135.8
1966	148.7	100.8	147.5	105.1	141.5	103.3	143.9	110.5	134.6	103.6	143.5
1967	149.9	102.1	146.8	104.6	143.3	102.8	145.8				
1968	158.3	103.5	153.0	106.7	148.4	104.9	150.9				
1969[p]	164.9	104.5	157.8	107.7	153.1	105.9	155.7				

[p] Preliminary (as of July 1971 *Survey of Current Business*).

TABLE A-59

Transportation and Warehousing:
Output and Productivity Ratios,[a] 1948-66
(1958=100)

Year	Output	Output per Person	Output per Man-Hour	Output per Unit of Labor Input	Output per Unit of Net Capital Input	Total Factor Productivity
1948	92.1	77.9	72.3	70.4	112.0	72.9
1949	86.5	78.3	75.0	73.4	102.2	75.0
1950	89.6	80.1	79.2	77.7	103.6	78.9
1951	100.1	85.0	83.6	82.0	112.7	83.6
1952	98.0	83.9	82.6	81.2	107.3	82.4
1953	98.4	84.5	84.0	82.7	105.4	83.5
1954	93.9	87.0	87.3	86.2	98.8	86.8
1955	103.2	94.6	93.8	92.6	107.3	93.2
1956	108.5	98.2	97.4	96.3	111.2	96.9
1957	103.4	94.9	94.1	93.3	104.3	93.7
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	106.4	106.0	104.8	105.2	105.8	105.2
1960	108.1	107.9	107.5	108.1	106.4	108.0
1961	107.7	111.5	110.5	111.5	105.3	111.1
1962	114.0	118.3	116.8	118.1	110.8	117.8
1963	119.9	125.0	122.5	123.9	115.5	123.5
1964	128.0	132.5	128.4	129.9	121.9	129.6
1965	139.4	142.5	136.8	139.0	130.0	138.6
1966	152.7	151.5	145.3	147.8	138.2	147.4

Note: Relates to *Productivity Trends*, Table G-I.

[a] Index numbers of the inputs are the same as those shown in Table A-58.

TABLE A-59a

Transportation and Warehousing: Gross Capital Input and Gross Productivity Ratios in Terms of Real Product and Output,[a] 1948-66
(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Real Product per Unit of Gross Factor Input	Output per Unit of Gross Capital Input	Output per Unit of Gross Factor Input
1948	78.8	125.3	119.6	82.5	116.9	77.0
1949	80.9	107.7	110.4	78.9	106.9	78.4
1950	83.7	112.5	109.2	86.3	107.0	82.1
1951	86.8	119.4	115.1	90.0	115.3	87.0
1952	89.0	113.5	114.7	88.1	110.1	85.4
1953	90.8	111.5	113.9	88.8	108.4	86.4
1954	92.5	108.3	105.9	94.6	101.5	88.7
1955	94.9	110.6	108.4	96.9	108.7	95.2
1956	97.1	111.9	109.9	98.9	111.7	98.7
1957	98.7	108.9	108.6	99.0	104.8	95.2
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	100.3	105.8	101.0	105.0	106.1	105.4
1960	98.8	108.7	99.8	107.6	109.4	108.3
1961	97.5	110.2	96.8	111.0	110.5	111.3
1962	97.6	116.3	96.7	117.4	116.8	117.9
1963	98.4	122.2	97.1	123.8	121.8	123.5
1964	98.7	126.4	98.5	126.7	129.7	129.9
1965	98.9	138.1	100.0	136.6	141.0	139.4
1966	99.7	149.1	102.7	144.8	153.2	148.7

Note: Relates to *Productivity Trends*, Table G-I.

[a] Index numbers of real product and output are the same as those shown in Tables A-58 and A-59.

TABLE A-60

Railroads and Related Services: Real Product, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	124.0	157.2	78.9	189.3	65.5	97.0	127.8	174.7	71.0
1949	103.4	141.1	73.3	159.7	64.7	98.1	105.4	151.7	68.2
1950	112.5	143.6	78.3	151.1	74.5	98.8	113.9	145.1	77.5
1951	125.6	149.9	83.8	156.3	80.4	99.5	126.2	149.4	84.1
1952	120.2	144.7	83.1	149.3	80.5	100.5	119.6	144.1	83.4
1953	117.6	142.3	82.6	145.4	80.9	101.1	116.3	141.2	83.3
1954	106.1	126.2	84.1	126.8	83.7	101.0	105.0	124.3	85.4
1955	117.1	125.2	93.5	128.0	91.5	100.5	116.5	125.4	93.4
1956	119.1	123.8	96.2	126.1	94.4	100.2	118.9	123.6	96.4
1957	112.3	116.8	96.1	117.7	95.4	100.3	112.0	116.0	96.8
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	105.2	96.7	108.8	97.1	108.3	99.2	106.0	97.3	108.1
1960	103.8	92.4	112.3	92.1	112.7	98.5	105.4	92.7	112.0
1961	102.9	85.0	121.1	84.8	121.3	97.6	105.4	86.0	119.7
1962	108.6	82.9	131.0	83.2	130.5	96.6	112.4	84.5	128.5
1963	114.9	80.5	142.7	81.4	141.2	96.0	119.7	82.8	138.8
1964	120.5	79.0	152.5	80.8	149.1	95.9	125.7	82.2	146.6
1965	130.0	76.9	169.1	77.9	166.9	96.4	134.9	79.7	163.1
1966	138.3	75.7	182.7	76.4	181.0	97.4	142.0	78.4	176.4

TABLE A-61

Railroads and Related Services: Output and Productivity Ratios,[a] 1948-66

(1958=100)

Year	Output	Output per Person	Output per Man-Hour	Output per Unit of Net Capital Input	Total Factor Productivity
1948	122.2	77.7	64.6	126.0	69.9
1949	101.5	71.9	63.6	103.5	66.9
1950	108.8	75.8	72.0	110.1	75.0
1951	117.7	78.5	75.3	118.3	78.8
1952	111.7	77.2	74.8	111.1	77.5
1953	109.9	77.2	75.6	108.7	77.8
1954	100.0	79.2	78.9	99.0	80.5
1955	112.0	89.5	87.5	111.4	89.3
1956	117.7	95.1	93.3	117.5	95.2
1957	112.3	96.1	95.4	112.0	96.8
1958	100.0	100.0	100.0	100.0	100.0
1959	103.9	107.4	107.0	104.7	106.8
1960	103.1	111.6	111.9	104.7	111.2
1961	101.3	119.2	119.5	103.8	117.8
1962	106.0	127.9	127.4	109.7	125.4
1963	110.2	136.9	135.4	114.8	133.1
1964	116.1	147.0	143.7	121.1	141.2
1965	122.2	158.9	156.9	126.8	153.3
1966	128.8	170.1	168.6	132.2	164.3

Note: Relates to *Productivity Trends,* Table G-III.

[a] Index numbers of inputs are the same as those shown in Table A-60.

TABLE A-61a

Railroads and Related Services: Gross Capital Input and Gross Productivity Ratios in Terms of Real Product and Output,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Real Product per Unit of Gross Factor Input	Output per Unit of Gross Capital Input	Output per Unit of Gross Factor Input
1948	89.6	138.4	162.7	76.2	136.4	75.1
1949	90.5	114.3	142.7	72.5	112.2	71.1
1950	91.8	122.5	137.3	81.9	118.5	79.2
1951	93.4	134.5	141.4	88.8	126.0	83.2
1952	94.5	127.2	137.1	87.7	118.2	81.5
1953	95.6	123.0	134.8	87.2	115.0	81.5
1954	97.1	109.3	120.5	88.0	103.0	83.0
1955	98.7	118.6	121.8	96.1	113.5	92.0
1956	99.6	119.6	120.5	98.8	118.2	97.7
1957	99.8	112.5	113.9	98.6	112.5	98.6
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	100.1	105.1	97.7	107.7	103.8	106.3
1960	98.9	105.0	93.5	111.0	104.2	110.3
1961	97.2	105.9	87.4	117.7	104.2	115.9
1962	96.3	112.8	86.0	126.3	110.1	123.3
1963	95.3	120.6	84.3	136.3	115.6	130.7
1964	94.0	128.2	83.6	144.1	123.5	138.9
1965	92.9	139.9	81.1	160.3	131.5	150.7
1966	92.1	150.2	79.7	173.5	139.8	161.6

[a] Index numbers of real product and output are shown in Tables A-60 and A-61.

TABLE A-62

Nonrail Transportation: Real Product, Inputs, and Productivity Ratios, 1948-66

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	81.0	95.0	85.3	96.2	84.2	95.2	85.1	47.7	169.8	92.1	87.9
1949	76.2	92.2	82.6	93.0	81.9	92.0	82.8	53.1	143.5	89.8	84.9
1950	81.0	92.9	87.2	94.1	86.1	92.9	87.2	57.8	140.1	91.1	88.9
1951	88.1	98.5	89.4	101.4	86.9	100.7	87.5	63.7	138.3	98.8	89.2
1952	88.1	100.1	88.0	103.2	85.4	102.5	86.0	69.8	126.2	101.1	87.1
1953	89.7	101.1	88.7	102.9	87.2	102.1	87.9	75.6	118.7	101.4	88.5
1954	96.0	97.1	98.9	97.9	98.1	97.4	98.6	81.1	118.4	97.0	99.0
1955	96.0	99.4	96.6	100.9	95.1	100.7	95.3	86.4	111.1	100.3	95.7
1956	101.6	102.4	99.2	104.0	97.7	104.1	97.6	91.4	111.2	103.8	97.9
1957	103.2	104.3	98.9	106.0	97.4	106.4	97.0	96.2	107.3	106.1	97.3
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	105.6	102.7	102.8	103.7	101.8	103.7	101.8	104.0	101.5	103.7	101.8
1960	109.5	104.9	104.4	104.8	104.5	105.1	104.2	108.8	100.6	105.2	104.1
1961	109.5	103.6	105.7	103.9	105.4	104.2	105.1	113.0	96.9	104.4	104.9
1962	115.9	104.4	111.0	104.8	110.6	105.0	110.4	117.5	98.6	105.3	110.1
1963	123.0	105.1	117.0	106.3	115.7	106.7	115.3	122.1	100.7	107.1	114.8
1964	127.0	107.2	118.5	109.2	116.3	109.9	115.6	126.4	100.5	110.3	115.1
1965	139.7	110.4	126.5	114.0	122.5	114.7	121.8	132.5	105.4	115.1	121.4
1966	154.8	115.8	133.7	119.5	129.5	120.5	128.5	141.0	109.8	121.0	127.9

TABLE A-63

Nonrail Transportation: Output and Productivity Ratios,[a] 1948-66
(1958=100)

Year	Output	Output per Person	Output per Man-Hour	Output per Unit of Labor Input	Output per Unit of Net Capital Input	Total Factor Productivity
1948	72.2	76.0	75.1	75.8	151.4	78.4
1949	76.5	83.0	82.3	83.2	144.1	85.2
1950	76.8	82.7	81.6	82.7	132.9	84.3
1951	88.4	89.7	87.2	87.8	138.8	89.5
1952	89.0	88.9	86.2	86.8	127.5	88.0
1953	90.7	89.7	88.1	88.8	120.0	89.4
1954	89.9	92.6	91.8	92.3	110.9	92.7
1955	97.4	98.0	96.5	96.7	112.7	97.1
1956	102.3	99.9	98.4	98.3	111.9	98.6
1957	97.4	93.4	91.9	91.5	101.2	91.8
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	108.0	105.2	104.1	104.1	103.8	104.1
1960	111.4	106.2	106.3	106.0	102.4	105.9
1961	111.9	108.0	107.7	107.4	99.0	107.2
1962	119.3	114.3	113.8	113.6	101.5	113.3
1963	126.4	120.3	118.9	118.5	103.5	118.0
1964	136.4	127.2	124.9	124.1	107.9	123.7
1965	150.8	136.6	132.3	131.5	113.8	131.0
1966	168.5	145.5	141.0	139.8	119.5	139.3

[a] Index numbers of inputs are the same as those shown in Table A-62.

TABLE A-63a

Nonrail Transportation: Gross Capital Input and Gross Productivity Ratios in Terms of Real Product and Output,[a] 1948-66
(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Real Product per Unit of Gross Factor Input	Output per Unit of Gross Capital Input	Output per Unit of Gross Factor Input
1948	44.1	183.7	84.0	96.4	163.7	86.0
1949	49.8	153.0	83.0	91.8	153.6	92.2
1950	57.4	141.1	85.8	94.4	133.8	89.5
1951	65.8	133.9	94.0	93.7	134.3	94.0
1952	71.4	123.4	96.9	90.9	124.6	91.8
1953	75.2	119.3	97.6	91.9	120.6	92.9
1954	77.8	123.4	94.1	102.0	115.6	95.5
1955	82.9	115.8	97.7	98.3	117.5	99.7
1956	89.1	114.0	101.6	100.0	114.8	100.7
1957	95.2	108.4	104.5	98.8	102.3	93.2
1958	100.0	100.0	100.0	100.0	100.0	100.0
1959	101.0	104.6	103.2	102.3	106.9	104.7
1960	98.5	111.2	104.0	105.3	113.1	107.1
1961	98.3	111.4	103.2	106.1	113.8	108.4
1962	102.0	113.6	104.5	110.9	117.0	114.2
1963	108.5	113.4	107.0	115.0	116.5	118.1
1964	113.9	111.5	110.6	114.8	119.8	123.3
1965	118.1	118.3	115.3	121.2	127.7	130.8
1966	124.2	124.6	121.1	127.8	135.7	139.1

[a] Index numbers of real product and output are shown in Tables A-62 and A-63.

TABLE A-64

Local Transit: Output, Labor Inputs, and Labor Productivity Ratios, 1948-66 (1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour
1948	183.2	159.9	114.6	174.0	105.3
1949	168.3	155.2	108.4	165.0	102.0
1950	164.5	146.7	112.1	155.9	105.5
1951	152.8	141.1	108.3	153.0	99.9
1952	157.9	135.5	116.5	147.2	107.3
1953	148.8	131.8	112.9	139.2	106.9
1954	132.1	125.3	105.4	126.8	104.2
1955	130.5	115.9	112.6	116.9	111.6
1956	121.8	108.4	112.4	109.4	111.3
1957	119.4	104.7	114.0	106.0	112.6
1958	100.0	100.0	100.0	100.0	100.0
1959	91.2	96.3	94.7	97.2	93.8
1960	93.3	94.4	98.8	94.6	98.6
1961	90.8	91.6	99.1	91.4	99.3
1962	88.0	88.8	99.1	88.0	100.0
1963	81.8	87.9	93.1	86.1	95.0
1964	77.6	86.0	90.2	84.0	92.4
1965	75.6	87.7	86.2	85.9	88.0
1966	75.5	87.0	86.8	85.6	88.2

TABLE A-65

Intercity Bus Lines: Output, Labor Inputs, and Labor Productivity Ratios, 1948-66 (1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour
1948	118.5	138.0	85.9	149.5	79.3
1949	115.7	125.7	92.0	133.5	86.7
1950	109.3	125.4	87.2	133.5	81.9
1951	113.7	118.0	96.4	127.6	89.1
1952	119.0	118.2	100.7	127.9	93.0
1953	117.6	116.9	100.6	122.1	96.3
1954	106.0	115.3	91.9	117.0	90.6
1955	105.5	110.1	95.8	110.8	95.2
1956	104.5	102.8	101.7	102.9	101.6
1957	103.4	102.0	101.4	103.1	100.3
1958	100.0	100.0	100.0	100.0	100.0
1959	98.1	100.0	98.1	100.2	97.9
1960	95.9	96.0	99.9	96.5	99.4
1961	95.0	97.9	97.0	99.0	96.0
1962	102.5	99.5	103.0	101.2	101.3
1963	105.6	100.8	104.8	102.1	103.4
1964	109.4	103.8	105.4	104.9	104.3
1965	114.8	105.4	108.9	109.1	105.2
1966	118.6	108.2	109.6	113.4	104.6

TABLE A-66

Intercity Trucking: Output, Labor Inputs, and Labor Productivity Ratios, 1948-66 (1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour
1948	44.2	53.5	82.6	58.4	75.7
1949	45.8	54.1	84.7	57.5	79.7
1950	56.8	64.7	87.8	68.8	82.6
1951	68.4	71.3	95.9	77.2	88.6
1952	73.1	79.2	92.3	86.0	85.0
1953	79.9	87.7	91.1	92.7	86.2
1954	80.5	85.6	94.0	86.6	93.0
1955	90.8	93.5	97.1	94.4	96.2
1956	95.6	98.6	97.0	99.5	96.1
1957	98.2	102.0	96.3	103.1	95.2
1958	100.0	100.0	100.0	100.0	100.0
1959	116.9	110.2	106.1	110.3	106.0
1960	119.7	112.3	106.6	112.7	106.2
1961	122.1	112.7	108.3	113.6	107.5
1962	135.5	122.4	110.7	123.8	109.5
1963	144.6	125.0	115.7	127.4	113.5
1964	157.7	128.5	122.7	129.5	121.8
1965	173.5	133.9	129.6	137.7	126.0
1966	190.5	139.0	137.1	145.8	130.7

TABLE A-67

Water Transportation: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	107.5	121.1	88.8	124.4	86.4	99.2	108.4	123.0	87.4
1949	99.9	111.7	89.4	115.6	86.4	103.1	96.9	115.7	86.3
1950	103.7	107.0	96.9	111.3	93.2	98.5	105.3	111.2	93.3
1951	120.8	118.3	102.1	130.7	92.4	95.8	126.1	128.1	94.3
1952	111.8	115.0	97.2	128.2	87.2	96.9	115.4	126.1	88.7
1953	107.5	111.3	96.6	120.0	89.6	94.8	113.4	118.5	90.7
1954	104.7	102.3	102.3	109.1	96.0	94.2	111.1	108.3	96.7
1955	115.1	107.0	107.6	117.3	98.1	95.0	121.2	116.0	99.2
1956	120.3	110.3	109.1	119.8	100.4	95.9	125.4	118.4	101.6
1957	120.4	114.1	105.5	123.1	97.8	96.2	125.2	121.6	99.0
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	102.0	101.9	100.1	99.1	102.9	106.3	96.0	99.5	102.5
1960	105.9	101.9	103.9	98.7	107.3	113.7	93.1	99.6	106.3
1961	101.5	98.6	102.9	97.3	104.3	117.9	86.1	98.5	103.0
1962	106.7	96.7	110.3	95.1	112.2	120.6	88.5	96.5	110.6
1963	106.8	95.3	112.1	97.8	109.2	124.7	85.6	99.3	107.6
1964	111.1	99.1	112.1	104.9	105.9	129.2	86.0	106.3	104.5
1965	108.9	97.7	111.5	106.9	101.9	137.6	79.1	108.6	100.3
1966	111.0	103.3	107.5	113.3	98.0	150.1	74.0	115.4	96.2

Note: Relates to *Productivity Trends*, Table G-IX.

TABLE A-67a

Water Transportation: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	93.2	115.3	121.8	88.3
1949	95.4	104.7	115.6	86.4
1950	93.1	111.4	111.6	92.9
1951	90.0	134.2	125.9	95.9
1952	87.6	127.6	123.4	90.6
1953	85.0	126.5	116.3	92.4
1954	85.2	122.9	106.6	98.2
1955	87.8	131.1	114.2	100.8
1956	91.0	132.2	116.8	103.0
1957	95.2	126.5	120.2	100.2
1958	100.0	100.0	100.0	100.0
1959	103.6	98.5	99.6	102.4
1960	104.3	101.5	99.3	106.6
1961	103.1	98.4	97.9	103.7
1962	104.5	102.1	96.1	111.0
1963	108.7	98.3	98.9	108.0
1964	114.4	97.1	105.9	104.9
1965	121.6	89.6	108.4	100.5
1966	131.2	84.6	115.2	96.4

[a] Index numbers of output are the same as those shown in Table A-67.

TABLE A-68

Air Transportation: Output, Inputs, and Productivity Ratios, 1948-66

(1958=100)

Year	Output	Persons Engaged	Output per Person	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	24.6	54.4	45.2	49.7	49.5	53.9	45.6
1949	27.6	53.3	51.8	50.2	55.0	53.0	52.1
1950	32.8	53.3	61.5	47.6	68.9	52.7	62.2
1951	41.6	58.6	71.0	45.3	91.8	57.1	72.9
1952	48.5	66.9	72.5	45.2	107.3	64.5	75.2
1953	56.0	71.1	78.8	48.4	115.7	68.6	81.6
1954	63.2	72.2	87.5	56.5	111.9	70.5	89.6
1955	75.2	78.1	96.3	62.2	120.9	76.3	98.6
1956	86.9	90.0	96.6	70.6	123.1	87.8	99.0
1957	98.4	100.0	98.4	88.1	111.7	98.7	99.7
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	115.4	105.3	109.6	111.8	103.2	106.0	108.9
1960	122.7	115.3	106.4	132.9	92.3	117.3	104.6
1961	129.8	117.2	110.8	150.5	86.2	120.9	107.4
1962	146.7	118.3	124.0	159.0	92.3	122.8	119.5
1963	166.1	121.9	136.3	155.4	106.9	125.6	132.2
1964	192.1	127.8	150.3	157.6	121.9	131.1	146.5
1965	234.0	137.2	170.6	173.3	135.0	141.2	165.7
1966	287.6	152.8	188.2	199.6	144.1	158.0	182.0

Note: Relates to *Productivity Trends*, Table G-X.

Hours used in computing total factor productivity were estimated at 41 hours per week for 1948-66. This estimate was based on the *1960 Census of Population.*

TABLE A-68a

Air Transportation: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	41.6	59.1	52.2	47.1
1949	46.6	59.2	53.7	51.4
1950	51.2	64.1	55.8	58.8
1951	55.9	74.4	62.1	67.0
1952	59.0	82.2	67.7	71.6
1953	58.1	96.4	69.9	80.1
1954	59.0	107.1	71.0	89.0
1955	62.7	119.9	76.7	98.0
1956	70.8	122.7	88.2	98.5
1957	86.8	113.4	98.8	99.6
1958	100.0	100.0	100.0	100.0
1959	108.3	106.6	105.6	109.3
1960	119.5	102.7	115.7	106.1
1961	131.5	98.7	118.5	109.5
1962	140.1	104.7	120.3	121.9
1963	142.5	116.6	123.8	134.2
1964	145.9	131.7	129.5	148.3
1965	157.3	148.8	139.1	168.2
1966	179.5	160.2	155.3	185.2

[a] Index numbers of output are the same as those shown in Table A-68.

TABLE A-69

Pipeline Transportation: Output, Labor Inputs, and Labor Productivity Ratios, 1948-66

(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour
1948	52.4	120.0	43.7	118.9	44.1
1949	51.1	116.0	44.1	115.1	44.4
1950	58.8	108.0	54.4	107.5	54.7
1951	70.4	112.0	62.9	111.3	63.3
1952	74.5	116.0	64.2	115.1	64.7
1953	80.1	112.0	71.5	111.3	72.0
1954	84.0	108.0	77.8	107.5	78.1
1955	90.1	104.0	86.6	103.8	86.8
1956	100.6	104.0	96.7	103.8	96.9
1957	102.4	104.0	98.5	103.8	98.7
1958	100.0	100.0	100.0	100.0	100.0
1959	107.3	96.0	111.8	96.2	111.5
1960	107.4	92.0	116.7	90.6	118.5
1961	109.8	88.0	124.8	86.8	126.5
1962	111.0	84.0	132.1	83.0	133.7
1963	116.8	80.0	146.0	79.2	147.5
1964	121.4	76.0	159.7	77.4	156.8
1965	139.0	72.0	193.1	73.6	188.9
1966	150.4	72.0	208.9	71.7	209.8

Note: Relates to *Productivity Trends,* Table G-XI.

TABLE A-70

Communication, Electric, Gas, and Sanitary Services: Real Product, Inputs, and Productivity Ratios, 1948-66

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	49.5	86.4	57.3	88.6	55.9	88.1	56.2	50.4	98.2	71.6	69.1
1949	53.1	87.3	60.8	88.2	60.2	87.9	60.4	55.3	96.0	73.7	72.0
1950	56.6	86.7	65.3	88.0	64.3	87.8	64.5	59.7	94.8	75.7	74.8
1951	64.3	89.5	71.8	91.5	70.3	91.3	70.4	64.1	100.3	79.6	80.8
1952	68.4	92.0	74.3	92.6	73.9	92.3	74.1	68.5	99.9	82.1	83.3
1953	74.0	95.0	77.9	95.7	77.3	95.4	77.6	73.6	100.5	86.1	85.9
1954	78.6	95.3	82.5	96.2	81.7	96.1	81.8	78.3	100.4	88.5	88.8
1955	84.7	96.8	87.5	98.4	86.1	98.2	86.3	82.7	102.4	91.6	92.5
1956	90.3	100.7	89.7	102.5	88.1	102.1	88.4	87.2	103.6	95.8	94.3
1957	95.9	102.4	93.7	103.2	92.9	102.8	93.3	93.0	103.1	98.6	97.3
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	107.7	98.1	109.8	99.2	108.6	99.3	108.5	104.0	103.6	101.3	106.3
1960	114.3	98.9	115.6	100.5	113.7	100.7	113.5	109.5	104.4	104.4	109.5
1961	119.9	98.0	122.3	99.3	120.7	99.5	120.5	113.6	105.5	105.5	113.6
1962	128.1	97.6	131.2	99.6	128.6	99.8	128.4	117.1	109.4	107.2	119.5
1963	136.2	97.7	139.4	100.2	135.9	100.5	135.5	120.9	112.7	109.2	124.7
1964	145.4	99.5	146.1	102.3	142.1	102.5	141.9	125.7	115.7	112.4	129.4
1965	156.1	102.2	152.7	105.7	147.7	105.9	147.4	131.0	119.2	116.6	133.9
1966	169.4	105.9	160.0	109.9	154.1	110.0	154.0	138.1	122.7	121.9	139.0

TABLE A-70a

Communication, Electric, Gas, and Sanitary Services: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	58.7	84.3	72.9	67.9
1949	62.0	85.6	74.5	71.3
1950	65.2	86.8	76.1	74.4
1951	69.1	93.1	79.7	80.7
1952	73.0	93.7	82.2	83.2
1953	77.6	95.4	86.1	85.9
1954	81.7	96.2	88.6	88.7
1955	85.5	99.1	91.6	92.5
1956	89.3	101.1	95.4	94.7
1957	94.1	101.9	98.3	97.6
1958	100.0	100.0	100.0	100.0
1959	103.4	104.2	101.4	106.2
1960	108.1	105.7	104.6	109.3
1961	111.7	107.3	105.9	113.2
1962	114.8	111.6	107.6	119.1
1963	118.2	115.2	109.7	124.2
1964	122.6	118.6	113.0	128.7
1965	127.4	122.5	117.1	133.3
1966	133.5	126.9	122.2	138.6

[a] Index numbers of real product are the same as those shown in Table A-70.

TABLE A-71

Communication: Real Product, Inputs, and Productivity Ratios, 1948-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	53.1	87.0	61.0	89.0	59.7	88.3	60.1	53.9	98.5	76.5	69.4
1949	55.8	86.9	64.2	87.4	63.8	86.8	64.3	59.2	94.3	77.1	72.4
1950	58.6	85.1	68.9	86.4	67.8	85.9	68.2	62.0	94.5	77.3	75.8
1951	65.6	88.8	73.9	90.6	72.4	90.2	72.7	64.1	102.3	81.0	81.0
1952	69.1	92.2	74.9	92.5	74.7	92.0	75.1	67.7	102.1	83.3	83.0
1953	75.2	95.9	78.4	96.5	77.9	96.0	78.3	72.0	104.4	87.3	86.1
1954	76.8	95.9	80.1	97.1	79.1	96.9	79.3	75.7	101.5	89.2	86.1
1955	84.2	97.8	86.1	100.6	83.7	100.5	83.8	76.9	109.5	92.0	91.5
1956	89.9	103.6	86.8	106.4	84.5	106.1	84.7	85.1	105.6	98.5	91.3
1957	96.6	105.9	91.2	107.3	90.0	107.1	90.2	92.9	104.0	102.0	94.7
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	107.1	97.2	110.2	99.0	108.2	99.1	108.1	105.3	101.7	101.3	105.7
1960	113.4	97.9	115.8	100.6	112.7	100.9	112.4	111.3	101.9	104.7	108.3
1961	119.8	96.6	124.0	98.8	121.3	99.1	120.9	117.7	101.8	105.8	113.2
1962	129.5	96.1	134.8	99.5	130.2	99.9	129.6	124.2	104.3	108.7	119.1
1963	139.4	96.3	144.8	100.1	139.3	100.6	138.6	131.5	106.0	111.8	124.7
1964	149.3	98.8	151.1	103.1	144.8	103.6	144.1	139.9	106.7	116.8	127.8
1965	163.5	102.5	159.5	107.7	151.8	108.3	151.0	150.0	109.0	123.4	132.5
1966	179.8	108.1	166.3	114.1	157.6	114.7	156.8	160.7	111.9	131.3	136.9
1967	194.3	112.3	173.0	115.5	168.2						
1968	208.9	113.5	184.1	117.7	177.5						
1969[p]	228.5	121.6	187.9	128.2	178.2						

[p] Preliminary (as of July 1971 *Survey of Current Business*).

TABLE A-71a

Communication: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	57.3	92.7	75.6	70.2
1949	60.9	91.6	76.1	73.3
1950	63.6	92.1	76.5	76.6
1951	66.6	98.5	80.3	81.7
1952	70.8	97.6	83.0	83.3
1953	75.4	99.7	87.2	86.2
1954	79.4	96.7	89.4	85.9
1955	83.3	101.1	93.2	90.3
1956	88.1	102.0	98.4	91.4
1957	94.3	102.4	101.6	95.1
1958	100.0	100.0	100.0	100.0
1959	104.6	102.4	101.4	105.6
1960	109.7	103.4	104.7	108.3
1961	115.6	103.6	106.1	112.9
1962	121.8	106.3	109.3	118.5
1963	128.2	108.7	112.4	124.0
1964	135.5	110.2	117.2	127.4
1965	144.4	113.2	123.7	132.2
1966	153.7	117.0	131.4	136.8

[a] Index numbers of real product are the same as those shown in Table A-71.

TABLE A-72

Telephone and Telegraph Communication: Real Product, Inputs, and Productivity Ratios, 1948-66

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	54.7	89.8	60.9	92.2	59.3	92.5	59.1	54.5	100.4	78.8	69.4
1949	57.6	89.3	64.5	90.1	63.9	90.3	63.8	59.5	96.8	79.0	72.9
1950	60.2	86.8	69.4	88.3	68.2	88.5	68.0	62.3	96.6	78.7	76.5
1951	66.7	90.3	73.9	92.3	72.3	92.4	72.2	64.4	103.6	82.0	81.3
1952	70.2	93.8	74.8	94.3	74.4	94.4	74.4	68.0	103.2	84.5	83.1
1953	75.9	97.3	78.0	98.0	77.4	98.0	77.4	72.3	105.0	88.2	86.1
1954	77.0	96.6	79.7	97.9	78.7	97.9	78.7	76.0	101.3	89.6	85.9
1955	83.9	98.3	85.4	101.3	82.8	101.3	82.8	79.8	105.1	93.1	90.1
1956	90.1	104.4	86.3	107.3	84.0	107.3	84.0	85.2	105.8	98.9	91.1
1957	96.4	106.5	90.5	108.1	89.2	108.1	89.2	92.9	103.8	102.3	94.2
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	107.9	96.6	111.7	98.6	109.4	98.5	109.5	105.4	102.4	101.1	106.7
1960	114.0	97.0	117.5	100.0	114.0	100.0	114.0	111.3	102.4	104.3	109.3
1961	121.2	95.3	127.2	97.7	124.1	97.8	123.9	117.7	103.0	105.4	115.0
1962	131.2	94.7	138.5	98.3	133.5	98.3	133.5	124.3	105.6	108.2	121.3
1963	141.7	94.6	149.8	98.3	144.2	98.3	144.2	131.6	107.7	111.0	127.7
1964	152.9	96.9	157.8	101.2	151.1	101.0	151.4	139.7	109.4	115.7	132.2
1965	167.9	100.4	167.2	105.5	159.1	105.4	159.3	149.4	112.4	122.1	137.5
1966	185.4	105.9	175.1	111.8	165.8	111.7	166.0	159.8	116.0	130.0	142.6

TABLE A-72a

Telephone and Telegraph Communication: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	57.8	94.6	77.6	70.5
1949	61.4	93.8	77.8	74.0
1950	64.0	94.1	77.8	77.4
1951	66.9	99.7	81.3	82.0
1952	71.1	98.7	84.1	83.5
1953	75.7	100.3	88.1	86.2
1954	79.7	96.6	89.9	85.7
1955	83.4	100.6	93.4	89.8
1956	88.2	102.2	98.9	91.1
1957	94.3	102.2	102.0	94.5
1958	100.0	100.0	100.0	100.0
1959	104.5	103.3	101.2	106.6
1960	109.5	104.1	104.2	109.4
1961	115.4	105.0	105.6	114.8
1962	121.6	107.9	108.6	120.8
1963	128.0	110.7	111.4	127.2
1964	134.9	113.3	116.0	131.8
1965	143.4	117.1	122.2	137.4
1966	152.5	121.6	129.7	142.9

[a] Index numbers of real product are the same as those shown in Table A-72.

TABLE A-73

Electric, Gas, and Sanitary Services: Real Product, Inputs, and Productivity Ratios, 1948-69
(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	46.8	85.7	54.6	88.0	53.2	49.2	95.1	67.7	69.1
1949	51.4	87.9	58.5	89.2	57.6	53.9	95.4	70.9	72.5
1950	55.4	88.9	62.3	90.1	61.5	58.9	94.1	74.1	74.8
1951	63.5	90.6	70.1	92.6	68.6	64.2	98.9	78.2	81.2
1952	68.0	91.7	74.2	92.8	73.3	68.8	98.8	80.9	84.1
1953	72.8	93.8	77.6	94.7	76.9	74.2	98.1	84.8	85.8
1954	80.0	94.6	84.6	95.1	84.1	79.2	101.0	87.4	91.5
1955	84.9	95.4	89.0	95.6	88.8	83.8	101.3	89.9	94.4
1956	90.9	96.8	93.9	97.5	93.2	87.9	103.4	92.8	98.0
1957	96.0	97.6	98.4	97.8	98.2	93.1	103.1	95.5	100.5
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	108.0	99.4	108.7	99.6	108.4	103.5	104.3	101.5	106.4
1960	115.4	100.2	115.2	100.4	114.9	108.8	106.1	104.5	110.4
1961	120.6	100.0	120.6	100.0	120.6	112.1	107.6	105.9	113.9
1962	127.3	99.5	127.9	99.8	127.6	114.6	111.1	107.0	119.0
1963	134.5	99.7	134.9	100.4	134.0	117.1	114.9	108.5	124.0
1964	142.5	100.5	141.8	101.2	140.8	120.7	118.1	110.7	128.7
1965	150.8	101.9	148.0	103.1	146.3	124.3	121.3	113.4	133.0
1966	161.6	103.0	156.9	104.5	154.6	130.1	124.2	116.9	138.2
1967	166.7	104.6	159.4	105.9	157.4				
1968	179.2	106.3	168.6	107.6	166.5				
1969[p]	189.4	108.9	173.9	110.7	171.1				

[p] Preliminary (as of July 1971 *Survey of Current Business*).

TABLE A-73a

Electric, Gas, and Sanitary Services: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	59.3	78.9	70.9	66.0
1949	62.3	82.5	73.2	70.2
1950	65.8	84.2	75.6	73.3
1951	70.0	90.7	79.2	80.2
1952	73.9	92.0	81.6	83.3
1953	78.4	92.9	85.0	85.6
1954	82.5	97.0	87.6	91.3
1955	86.3	98.4	90.0	94.3
1956	89.8	101.2	92.9	97.8
1957	94.0	102.1	95.5	100.5
1958	100.0	100.0	100.0	100.0
1959	103.0	104.9	101.6	106.3
1960	107.6	107.2	104.7	110.2
1961	110.2	109.4	106.1	113.7
1962	112.2	113.5	107.2	118.8
1963	114.5	117.5	108.9	123.5
1964	117.8	121.0	111.1	128.3
1965	121.1	124.5	113.9	132.4
1966	125.8	128.5	117.2	137.9

[a] Index numbers of real product are the same as those shown in Table A-73.

TABLE A-74

Electric and Gas Utilities: Output, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Output	Persons Engaged	Output per Person	Man-Hours	Output per Man-Hour	Net Capital Input	Output per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	42.8	86.3	49.6	88.7	48.3	49.6	86.3	68.0	62.9
1949	44.9	88.7	50.6	90.0	49.9	54.3	82.7	71.2	63.1
1950	51.2	89.9	57.0	91.3	56.1	59.6	85.9	74.9	68.4
1951	58.0	91.5	63.4	93.5	62.0	64.7	89.6	78.8	73.6
1952	62.6	92.8	67.5	93.8	66.7	69.7	89.8	81.8	76.5
1953	68.0	94.7	71.8	95.7	71.1	74.9	90.8	85.6	79.4
1954	72.9	95.6	76.3	96.1	75.9	80.0	91.1	88.3	82.6
1955	82.1	96.2	85.3	96.5	85.1	84.5	97.2	90.7	90.5
1956	90.3	98.1	92.0	98.9	91.3	89.0	101.5	94.1	96.0
1957	95.8	99.0	96.8	99.3	96.5	94.4	101.5	96.9	98.9
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	109.7	100.3	109.4	100.6	109.0	104.5	105.0	102.5	107.0
1960	117.0	100.0	117.0	100.2	116.8	108.6	107.7	104.3	112.2
1961	122.9	100.0	122.9	100.0	122.9	112.1	109.6	105.9	116.1
1962	132.0	100.0	132.0	100.2	131.7	115.1	114.7	107.5	122.8
1963	140.4	100.3	140.0	101.0	139.0	117.9	119.1	109.2	128.6
1964	151.2	100.9	149.9	101.6	148.8	121.0	125.0	111.0	136.2
1965	160.9	102.4	157.1	103.7	155.2	124.8	128.9	114.0	141.1
1966	172.4	102.9	167.5	104.4	165.1	129.9	132.7	116.8	147.6

TABLE A-74a

Electric and Gas Utilities: Gross Capital Input and Gross Productivity Ratios,[a] 1948-66

(1958=100)

Year	Gross Capital Input	Output per Unit of Gross Capital Input	Gross Factor Input	Output per Unit of Gross Factor Input
1948	59.7	71.7	70.6	60.6
1949	62.9	71.4	73.1	61.4
1950	66.6	76.9	75.8	67.5
1951	70.6	82.2	79.0	73.4
1952	74.7	83.8	81.6	76.7
1953	79.1	86.0	85.2	79.8
1954	83.3	87.5	88.5	82.4
1955	87.1	94.3	90.9	90.3
1956	90.9	99.3	94.1	96.0
1957	95.3	100.5	96.9	98.9
1958	100.0	100.0	100.0	100.0
1959	104.0	105.5	102.6	106.9
1960	107.3	109.0	104.4	112.1
1961	110.2	111.5	106.1	115.8
1962	112.7	117.1	107.7	122.6
1963	115.2	121.9	109.5	128.2
1964	118.1	128.0	111.5	135.6
1965	121.6	132.3	114.4	140.6
1966	125.8	137.0	117.2	147.1

[a] Index numbers of output are the same as those shown in Table A-74.

TABLE A-75

Trade: Real Product, Inputs, and Productivity Ratios, 1948-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	72.2	90.0	80.2	91.3	79.1	91.2	79.2	66.2	109.1	87.2	82.8
1949	73.5	89.3	82.3	91.0	80.8	90.6	81.1	72.3	101.7	88.0	83.5
1950	80.3	90.3	88.9	92.5	86.8	91.8	87.5	76.5	105.0	89.8	89.4
1951	81.7	94.1	86.8	96.3	84.8	95.9	85.2	83.6	97.7	94.6	86.4
1952	83.8	95.5	87.7	97.2	86.2	96.8	86.6	85.2	98.4	95.6	87.7
1953	86.4	96.1	89.9	96.8	89.3	96.6	89.4	85.7	100.8	95.6	90.4
1954	87.2	95.0	91.8	95.8	91.0	95.5	91.3	86.3	101.0	94.6	92.2
1955	95.4	97.4	97.9	98.5	96.9	98.3	97.0	88.9	107.3	97.4	97.9
1956	98.3	100.2	98.1	100.6	97.7	100.5	97.8	94.7	103.8	100.0	98.3
1957	100.0	101.0	99.0	100.7	99.3	100.7	99.3	98.6	101.4	100.5	99.5
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	107.6	101.5	106.0	102.1	105.4	102.3	105.2	102.0	105.5	102.3	105.2
1960	109.5	103.5	105.8	104.0	105.3	104.2	105.1	105.1	104.2	104.3	105.0
1961	111.2	102.6	108.4	102.7	108.3	103.1	107.9	108.6	102.4	103.6	107.3
1962	118.4	103.2	114.7	103.3	114.6	103.8	114.1	111.6	106.1	104.5	113.3
1963	123.6	103.8	119.1	104.0	118.8	104.7	118.1	117.1	105.6	105.9	116.7
1964	131.6	106.9	123.1	106.3	123.8	107.0	123.0	123.0	107.0	108.5	121.3
1965	139.6	110.7	126.1	109.3	127.7	110.1	126.8	129.7	107.6	111.9	124.8
1966	148.8	114.6	129.8	111.6	133.3	112.6	132.1	137.5	108.2	114.9	129.5
1967	151.6	117.1	129.5	112.1	135.2	113.1	134.0				
1968	160.8	120.8	133.1	113.9	141.2	114.9	139.9				
1969[p]	166.6	125.4	132.8	116.9	142.5	117.9	141.3				

[p] Preliminary (as of July 1971 *Survey of Current Business*).

TABLE A-75a

Trade: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	63.0	114.6	83.5	86.5
1949	69.1	106.4	85.0	86.5
1950	73.0	110.0	87.0	92.3
1951	80.4	101.6	92.2	88.6
1952	83.3	100.6	93.7	89.4
1953	85.1	101.5	94.2	91.7
1954	86.2	101.2	93.6	93.2
1955	88.1	108.3	96.2	99.2
1956	93.3	105.4	99.0	99.3
1957	97.5	102.6	100.0	100.0
1958	100.0	100.0	100.0	100.0
1959	102.0	105.5	102.2	105.3
1960	103.9	105.4	104.1	105.2
1961	106.2	104.7	103.7	107.2
1962	108.0	109.6	104.7	113.1
1963	112.3	110.1	106.3	116.3
1964	116.6	112.9	109.0	120.7
1965	121.6	114.8	112.5	124.1
1966	127.3	116.9	115.6	128.7

[a] Index numbers of real product are the same as those shown in Table A-75.

TABLE A-76

Wholesale Trade: Real Product, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	69.1	89.5	77.2	89.6	77.1	58.8	117.5	83.2	83.1
1949	68.6	87.1	78.8	86.9	78.9	63.9	107.4	82.4	83.3
1950	74.7	87.6	85.3	87.3	85.6	70.0	106.7	84.2	88.7
1951	78.3	92.1	85.0	92.3	84.8	77.6	100.9	89.9	87.1
1952	80.0	93.9	85.2	94.0	85.1	80.2	99.8	91.8	87.1
1953	81.7	94.8	86.2	94.9	86.1	81.5	100.2	92.8	88.0
1954	82.4	94.0	87.7	94.0	87.7	82.3	100.1	92.2	89.4
1955	92.3	95.7	96.4	96.4	95.7	87.6	105.4	95.1	97.1
1956	96.9	99.5	97.4	99.9	97.0	94.9	102.1	99.1	97.8
1957	98.6	100.3	98.3	100.4	98.2	98.9	99.7	100.2	98.4
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	109.6	101.7	107.8	103.0	106.4	103.5	105.9	103.1	106.3
1960	112.7	104.2	108.2	105.3	107.0	108.1	104.3	105.7	106.6
1961	117.8	104.6	112.6	106.0	111.1	110.5	106.6	106.7	110.4
1962	125.2	105.9	118.2	107.7	116.2	113.9	109.9	108.6	115.3
1963	131.8	107.2	122.9	109.2	120.7	120.6	109.3	110.9	118.8
1964	141.2	109.6	128.8	111.6	126.5	128.6	109.8	114.2	123.6
1965	148.5	113.1	131.3	115.8	128.2	135.7	109.4	118.8	125.0
1966	159.6	117.2	136.2	119.7	133.3	145.2	109.9	123.6	129.1

TABLE A-76a

Wholesale Trade: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	54.7	126.3	82.6	83.7
1949	59.9	114.5	81.8	83.9
1950	66.4	112.5	83.8	89.1
1951	74.4	105.2	89.5	87.5
1952	78.5	101.9	91.9	87.1
1953	81.1	100.7	93.2	87.7
1954	81.9	100.6	92.5	89.1
1955	86.9	106.2	95.2	97.0
1956	93.7	103.4	99.1	97.8
1957	97.8	100.8	100.0	98.6
1958	100.0	100.0	100.0	100.0
1959	104.0	105.4	103.1	106.3
1960	108.8	103.6	105.7	106.6
1961	111.4	105.7	106.7	110.4
1962	114.3	109.5	108.5	115.4
1963	120.4	109.5	110.6	119.2
1964	127.4	110.8	113.6	124.3
1965	133.9	110.9	118.1	125.7
1966	142.4	112.1	122.5	130.3

[a] Index numbers of real product are the same as those shown in Table A-76.

TABLE A-77

Retail Trade: Real Product, Inputs, and Productivity Ratios, 1948-66
(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	74.2	90.2	82.3	91.9	80.7	69.8	106.3	88.9	83.5
1949	76.7	90.0	85.2	92.3	83.1	76.4	100.4	90.5	84.8
1950	84.0	91.2	92.1	94.0	89.4	79.7	105.4	92.5	90.8
1951	83.9	94.8	88.5	97.6	86.0	86.6	96.9	96.8	86.7
1952	86.2	96.0	89.8	98.2	87.8	87.6	98.4	97.4	88.5
1953	89.4	96.5	92.6	97.4	91.8	87.8	101.8	96.8	92.4
1954	90.2	95.3	94.6	96.3	93.7	88.3	102.2	95.8	94.2
1955	97.3	98.0	99.3	99.2	98.1	89.6	108.6	98.6	98.7
1956	99.2	100.5	98.7	100.8	98.4	94.6	104.9	100.4	98.8
1957	100.9	101.2	99.7	100.8	100.1	98.4	102.5	100.7	100.2
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	106.3	101.5	104.7	101.9	104.3	101.3	104.9	101.9	104.3
1960	107.5	103.3	104.1	103.6	103.8	103.7	103.7	103.6	103.8
1961	107.0	102.0	104.9	101.6	105.3	107.7	99.4	102.0	104.9
1962	114.0	102.4	111.3	101.9	111.9	110.5	103.2	102.4	111.3
1963	118.3	102.7	115.2	102.4	115.5	115.4	102.5	103.2	114.6
1964	125.4	106.0	118.3	104.7	119.8	120.3	104.2	105.6	118.8
1965	133.8	109.9	121.7	107.3	124.7	126.8	105.5	108.5	123.3
1966	141.8	113.8	124.6	109.1	130.0	133.7	106.1	110.6	128.2

TABLE A-77a

Retail Trade: Gross Capital Input and Gross Productivity Ratios,[a] in Terms of Real Product, 1948-66

(1958=100)

Year	Gross Capital Input	Real Product per Unit of Gross Capital Input	Gross Factor Input	Gross Factor Productivity
1948	66.6	111.4	87.6	84.7
1949	73.0	105.1	89.7	85.5
1950	75.8	110.8	91.8	91.5
1951	82.9	101.2	96.4	87.0
1952	85.4	100.9	97.5	88.4
1953	86.8	103.0	97.3	91.9
1954	88.0	102.5	95.0	94.9
1955	88.7	109.7	97.6	99.7
1956	93.2	106.4	99.6	99.6
1957	97.4	103.6	100.3	100.6
1958	100.0	100.0	100.0	100.0
1959	101.1	105.1	101.8	104.4
1960	101.8	105.6	103.3	104.1
1961	104.0	102.9	102.0	104.9
1962	105.3	108.3	102.4	111.3
1963	108.7	108.8	103.4	114.4
1964	112.0	112.0	105.8	118.5
1965	116.2	115.1	107.1	124.9
1966	120.8	117.4	110.9	127.9

[a] Index numbers of real product are the same as those shown in Table A-77.

TABLE A-78

Finance, Insurance, and Real Estate: Real Product, Labor Inputs, and Labor Productivity Ratios, 1948-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input
1948	60.9	72.9	83.5	74.7	81.5	73.2	83.2
1949	63.1	73.3	86.1	75.0	84.1	73.8	85.5
1950	68.7	76.0	90.4	77.6	88.5	76.4	89.9
1951	72.0	79.7	90.3	81.3	88.6	80.2	89.8
1952	75.0	83.1	90.3	85.0	88.2	84.1	89.2
1953	78.6	86.8	90.6	88.8	88.5	87.9	89.4
1954	84.0	90.7	92.6	92.1	91.2	91.3	92.0
1955	88.9	93.8	94.8	94.9	93.7	94.1	94.5
1956	92.5	96.7	95.7	96.4	96.0	95.8	96.6
1957	96.5	98.4	98.1	97.4	99.1	97.2	99.3
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	104.0	101.8	102.2	102.3	101.7	102.4	101.6
1960	108.7	104.3	104.2	104.3	104.2	104.6	103.9
1961	113.7	106.7	106.6	106.2	107.1	106.6	106.7
1962	120.9	108.6	111.3	109.2	110.7	109.6	110.3
1963	126.4	111.2	113.7	112.6	112.3	113.0	111.9
1964	133.0	114.0	116.7	114.6	116.1	115.1	115.6
1965	141.0	116.7	120.8	117.9	119.6	118.4	119.1
1966	148.2	119.6	123.9	121.4	122.1	122.1	121.4
1967	154.8	122.9	126.0	124.1	124.7	124.8	124.0
1968	160.8	128.0	125.6	128.3	125.3	129.0	124.6
1969p	163.0	134.6	121.1	135.2	120.6	136.0	119.8

p Preliminary (as of July 1971 *Survey of Current Business*).

TABLE A-79

Services, Excluding Households and Nonprofit Institutions and Including Government Enterprises: Real Product, Labor Inputs, and Labor Productivity Ratios, 1948-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input
1948	78.2	83.6	93.5	85.9	91.0	85.8	91.1
1949	77.9	83.3	93.5	85.3	91.3	85.5	91.1
1950	79.6	83.6	95.2	85.5	93.1	85.6	93.0
1951	82.7	86.5	95.6	86.3	95.8	86.5	95.6
1952	84.7	89.3	94.8	91.2	92.9	91.4	92.7
1953	86.4	90.3	95.7	92.4	93.5	92.6	93.3
1954	85.8	90.5	94.8	92.2	93.1	92.3	93.0
1955	91.2	92.6	98.5	94.3	96.7	94.4	96.6
1956	94.1	96.3	97.7	97.3	96.7	97.3	96.7
1957	97.7	99.4	98.3	99.8	97.9	99.7	98.0
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	105.7	102.8	102.8	102.9	102.7	102.9	102.7
1960	109.1	106.6	102.3	108.0	101.0	107.8	101.2
1961	113.6	109.4	103.8	109.9	103.4	109.8	103.5
1962	118.7	112.2	105.8	112.4	105.6	112.3	105.7
1963	122.7	115.5	106.2	115.8	106.0	115.7	106.1
1964	130.6	119.7	109.1	118.9	109.8	118.7	110.0
1965	138.5	124.4	111.3	124.3	111.4	124.0	111.7
1966	144.2	129.3	111.5	128.7	112.0	128.5	112.2
1967	149.4	134.3	111.2	135.1	110.6		
1968	156.9	139.8	112.2	140.1	112.0		
1969[p]	163.0	146.0	111.6	146.8	111.0		

[p] Preliminary (as of July 1971 *Survey of Current Business*).

TABLE A-80

Households and Nonprofit Institutions: Real Product, Inputs, and Productivity Ratios, 1948-69

(1958=100)

Year	Real Gross Product	Persons Engaged	Real Product per Person	Man-Hours	Real Product per Man-Hour	Labor Input	Real Product per Unit of Labor Input	Net Capital Input	Real Product per Unit of Net Capital Input	Total Factor Input	Total Factor Productivity
1948	69.4	75.3	92.2	82.4	84.2	81.5	85.2	71.3	97.3	80.3	86.4
1949	72.2	77.3	93.4	82.9	87.1	82.3	87.7	73.0	98.9	81.2	88.9
1950	76.4	82.4	92.7	88.0	86.8	87.3	87.5	75.3	101.5	85.9	88.9
1951	77.8	83.3	93.4	88.3	88.1	87.8	88.6	77.8	100.0	86.6	89.8
1952	78.5	81.4	96.4	86.9	90.3	86.9	90.3	80.1	98.0	86.1	91.2
1953	80.6	82.8	97.3	89.2	90.4	89.4	90.2	82.3	97.9	88.5	91.1
1954	81.2	81.9	99.1	85.2	95.3	85.2	95.3	85.1	95.4	85.2	95.3
1955	88.2	89.5	98.5	92.1	95.8	92.2	95.7	88.2	100.0	91.7	96.2
1956	93.1	93.8	99.3	95.2	97.8	95.3	97.7	91.6	101.6	94.8	98.2
1957	96.5	96.0	100.5	96.7	99.8	96.8	99.7	95.5	101.0	96.6	99.9
1958	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1959	103.5	102.6	100.9	102.5	101.0	102.4	101.1	104.5	99.0	102.7	100.8
1960	107.6	106.1	101.4	108.0	99.6	107.9	99.7	109.6	98.2	108.1	99.5
1961	110.4	108.4	101.8	109.3	101.0	109.2	101.1	114.6	96.3	109.9	100.5
1962	115.3	112.0	102.9	111.7	103.2	111.5	103.4	119.9	96.2	112.6	102.4
1963	118.8	114.8	103.5	115.0	103.3	114.8	103.5	125.3	94.8	116.1	102.3
1964	123.6	117.6	105.1	116.7	105.9	116.5	106.1	131.5	94.0	118.4	104.4
1965	126.4	120.5	104.9	121.2	104.3	120.9	104.5	139.3	90.7	123.2	102.6
1966	133.3	125.2	106.5	126.2	105.6	125.8	106.0	147.8	90.2	128.6	103.7
1967	140.6	130.7	107.6	138.1	101.8						
1968	146.1	131.6	111.0	138.9	105.2						
1969[p]	150.6	129.4	116.4	137.8	109.3						

[p] Preliminary (as of July 1971 *Survey of Current Business*).