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Volume Title: The Ownership Income of Management
Volume Author/Editor: Wilbur G. Lewellen
Volume Publisher: NBER
Volume ISBN: 0-870-14222-4
Volume URL: http://www.nber.org/books/lewe71-1
Publication Date: 1971

Chapter Title: Stock Ownership and Income: Small Manufacturers
Chapter Author: Wilbur G. Lewellen
Chapter URL: http://www.nber.org/chapters/c6443
Chapter pages in book: (p. 131-149)

## 6

## STOCK OWNERSHIP AND INCOME:

## SMALL MANUFACTURERS

WHILE THE PATTERN of employer-company equity investment by the top management of large industrial and retailing firms displays considerable consistency, it is appropriate to inquire whether, and to what extent, that pattern has a counterpart in the context of rather smaller corporations before generalizing too readily about the evidence uncovered. Accordingly, a group of fifteen small to medium-size manufacturing companies comprises the final sample to which attention will be directed. This sample should serve to round out the empirical effort sufficiently to permit some reasonable confidence that any common findings will have broader applicability within the economy.

## Stockholdings

The foremost executives of these smaller industrial enterprises owned, as of the start of each calendar year from 1940 to 1963 , shares of their firms' common stock having the mean market values listed in Table 37 and portrayed in Chart 15. The data are, in many respects, even more striking than those associated with the two previous samples. The average holdings of the highest-paid men in each of the 15 companies exceeded $\$ 2$ million in 1940 and had increased to the $\$ 3$ to $\$ 4$ million range by the late 1950 's and early 1960 's. The concomitant rise for the five-highest-paid category was from approximately $\$ 600,000$ in 1940 to better than $\$ 1$ million in 1963 . Both sets of figures thereby imply a level of personal commitment to ownership by executives which is not only impressive but persistent.
table 37
Average Market Value of Executive Stockholdings:
Small Manufacturing Sample, 1940-63
(amounts in dollars)

| Year | Top Executive | Top Five Executives |
| :---: | :---: | :---: |
| 1940 | $2,732,158$ | 637,434 |
| 1941 | $2,546,068$ | 586,958 |
| 1942 | $1,668,224$ | 424,421 |
| 1943 | $2,716,235$ | 621,457 |
| 1944 | $3,290,842$ | 764,796 |
|  |  |  |
| 1945 | $3,328,328$ | 782,801 |
| 1946 | $3,918,000$ | 909,648 |
| 1947 | $3,107,535$ | 717,761 |
| 1948 | $2,930,140$ | 657,939 |
| 1949 | $2,928,507$ | 653,021 |
|  |  |  |
| 1950 | $3,534,511$ | 778,534 |
| 1951 | $3,327,211$ | 743,096 |
| 1952 | $3,253,108$ | 719,054 |
| 1953 | $3,358,447$ | 737,915 |
| 1954 | $3,678,493$ | 780,235 |
|  |  |  |
| 1955 | $4,193,870$ | 895,258 |
| 1956 | $4,371,845$ | 932,840 |
| 1957 | $4,228,979$ | 934,437 |
| 1958 | $3,650,918$ | 785,483 |
| 1959 | $3,882,826$ | 913,304 |
|  |  | 786,115 |
| 1960 | $2,749,830$ | 872,480 |
| 1961 | $3,265,710$ | $1,239,810$ |
| 1962 | $3,322,911$ | $1,033,769$ |
| 1963 |  |  |

## CHART 15

MARKET VALUE OF EXECUTIVE STOCKHOLDINGS: SMALL MANUFACTURING SAMPLE, 1940-63


## Dividends

Equally impressive is the dividend income which that commitment produces. Table 38 records the relevant mean annual receipts. We observe that the top officer group in small manufacturing corporations enjoyed dividends from employer-company shares amounting generally to between $\$ 150,000$ and $\$ 250,000$ before taxes per year during the period studied, while the top-five average was typically in the neighborhood of $\$ 40,000$ to $\$ 50,000$. Those payments loom especially large when compared with the other major source of direct cash income-salary and bonus earnings. Table 39 indicates that dividends have surpassed salaries and bonuses by ratios of two-to-one or three-to-one quite consistently at the top executive rank, and have either matched or fallen just short of such compensation in most years for all five senior men combined. ${ }^{1}$ Neither the large manufacturing nor the retail trade sample experience suggested anything even approaching a role for dividends of equivalent dimensions.

## Capital Gains

The concurrent capital gains-both realized and accrued-are shown in Table 40 and Chart 16. Because of the very sizeable underlying stockholdings, the annual increments to wealth which result from fluctuations in share prices are, of course, substantial. On the average, the highest-paid individuals in the firms at issue were subjected to after-tax capital gains and losses which ran from a low of $\$ 150,000$ to a peak of almost $\$ 1$ million per calendar year after 1960. The parallel means for the five-highest-paid men together were in the $\$ 30,000$ to $\$ 300,000$ bracket. Sharp reversals in the annual figures from positive to negative are apparent in a number of instances, documenting the same high degree of executive exposure to market contingencies which featured the data for the other two samples.

[^0]
## TABLE 38

Average Dividend Receipts: Small Manufacturing Sample, 1940-63 (amounts in dollars)


TABLE 39
Mean Before-Tax Dividend Receipts as a Per Cent of Mean BeforeTax Salary Plus Bonus: Small Manufacturing Sample, 1940-63

| Year | Top Executive | Top Five Executives |
| :---: | :---: | :---: |
| 1940 | 289 | 113 |
| 1941 | 275 | 106 |
| 1942 | 205 | 85 |
| 1943 | 292 | 111 |
| 1944 | 272 | 105 |
| 1945 |  |  |
| 1946 | 258 | 97 |
| 1947 | 251 | 88 |
| 1948 | 237 | 82 |
| 1949 | 275 | 96 |
|  | 364 | 117 |
| 1950 |  |  |
| 1951 | 329 | 116 |
| 1952 | 298 | 100 |
| 1953 | 256 | 86 |
| 1954 | 262 | 88 |
|  | 261 | 84 |
| 1955 | 312 | 98 |
| 1956 | 294 | 95 |
| 1957 | 280 | 87 |
| 1958 | 285 | 87 |
| 1959 | 217 | 75 |
| 1960 | 188 | 70 |
| 1961 | 208 | 74 |
| 1962 | 204 | 69 |
| 1963 | 180 | 69 |

TABLE 40
Average Capital Gains: Small Manufacturing Sample, 1940-63 (amounts in dollars)

| Year | Top Executive |  | Top Five Executives |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Before Taxes | After Taxes | Before Taxes | After Taxes |
| 1940 | -225,023 | -191,269 | -53,750 | -45,688 |
| 1941 | -689,225 | -585,841 | -157,041 | -133,484 |
| 1942 | 55,392 | 47,083 | 21,166 | 17,991 |
| 1943 | 612,010 | 520,208 | 138,635 | 117,839 |
| 1944 | 171,012 | 145,360 | 52,684 | 44,781 |
| 1945 | 552,911 | 469,974 | 140,409 | 119,347 |
| 1946 | -754,721 | -641,513 | -171,281 | -145,589 |
| 1947 | -121,495 | -103,271 | -23,900 | -20,315 |
| 1948 | 90,210 | 76,679 | 14,573 | 12,387 |
| 1949 | 573,331 | 487,331 | 123,491 | 104,967 |
| 1950 | -186,058 | -158,149 | -38,229 | -32,495 |
| 1951 | -202,901 | -172,465 | -37,771 | -32,106 |
| 1952 | 53,549 | 45,517 | 11,557 | 9,823 |
| 1953 | 302,282 | 256,940 | 58,138 | 49,418 |
| 1954 | 588,515 | 500,237 | 135,505 | 115,179 |
| 1955 | 40,196 | 34,166 | 16,594 | 14,104 |
| 1956 | -95,749 | -81,387 | 2,511 | 2,134 |
| 1957 | -593,907 | -504,821 | -141,543 | -120,311 |
| 1958 | 538,764 | 457,949 | 133,194 | 113,215 |
| 1959 | -94,525 | -80,346 | 27,459 | 23,340 |
| 1960 | 487,714 | 414,557 | 100,777 | 85,660 |
| 1961 | 1,101,600 | 936,360 | 320,546 | 272,464 |
| 1962 | -680,945 | -578,803 | -150,847 | -128,219 |
| 1963 | -183,890 | -156,307 | 35,052 | 29,793 |

## CHART 16

AVERAGE ANNUAL AFTER-TAX CAPITAL GAINS: SMALL MANUFACTURING SAMPLE, 1940-63


An appreciation for the average absolute changes in wealth generated by these contingencies is provided in Table 41. We see again that the share prices of the fifteen corporations ordinarily moved in similar directions within given intervals, but that there were some offsetting interfirm movements which acted to dampen the net gains calculations. Thus, the smallest mean after-tax wealth increment from employer-company shares after 1960 becomes $\$ 232,000$ for the pertinent top executives and $\$ 115,000$ for the top five, according to the absolute gains record. ${ }^{2}$

## Ownership Income and Compensation

The juxtaposition of those gains, the tabulated after-tax dividends, and the managerial compensation evidence from Chapter 3, produces the comparisons summarized in Tables 42 and 43. Annual capital gains and dividends combined turn out to have been roughly thirteen times as great as aggregate employee remuneration for the chief executives of small industrial enterprises during the early 1940's, and nine times as great during the early 1960 's. The corresponding ratios for the five highest-paid men were approximately four and one-half to one and four-to-one, respectively. Since the amounts of stock-based earnings included in the typical pay package among such firms have been rather modest, the relationship of dividends plus gains plus stock compensation to fixed-dollar rewards, as listed in column 6 of the tables, differs little in any year from its counterpart in column 5. Both sets of figures, however, comfortably exceed those applicable to the two preceding samples ${ }^{3}$ and, as presented, clearly imply that the ownership component of senior management's annual income is dominant.

## Dispersion of the Holdings

On the other hand, the averages for the current sample also happen to be affected much more significantly by a handful of extraordinary

[^1]TABLE 41
Average Absolute Capital Gains:
Small Manufacturing Sample, 1940-63
(amounts in dollars)

|  | Top Executive |  | Top Five Executives |  |
| :--- | ---: | ---: | ---: | ---: | ---: |

TABLE 42
Compensation and Ownership Income:
Small Manufacturing Sample, 1940-63;
Average for the Top Executive in Each Firm

| Year | Compensation |  | Ownership Income |  | Comparison |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) <br> After- <br> Tax <br> Fixed- <br> Dollar <br> Remu- <br> neration | (2) <br> AfterTax <br> Stock- <br> Based <br> Remuneration | (3) <br> AfterTax Dividend Income | (4) <br> Absolute AfterTax Capital Gains | (5) $\frac{[(3)+(4)]}{[(1)+(2)]}$ | (6) $\frac{[(2)+(3)+(4)]}{(1)}$ |
| 1940 | \$37,682 | \$ - | \$108,912 | \$248,879 | 9.495 | 9.495 |
| 1941 | 32,168 | 1,033 | 87,094 | 596,661 | 20.594 | 21.287 |
| 1942 | 28,746 | 735 | 56,251 | 64,195 | 4.085 | 4.215 |
| 1943 | 26,030 | 561 | 69,619 | 520,208. | 22.181 | 22.681 |
| 1944 | 28,001 | - | 65,950 | 145,468 | 7.550 | 7.550 |
| 1945 | 26,870 | - | 62,705 | 469,974 | 19.824 | 19.824 |
| 1946 | 30,877 | - | 71,083 | 649,113 | 23.324 | 23.324 |
| 1947 | 38,616 | - | 71,484 | 114,309 | 4.811 | 4.811 |
| 1948 | 46,595 | - | 116,389 | 162,061 | 5.975 | 5.975 |
| 1949 | 56,915 | - | 131,805 | 501,103 | 11.120 | 11.120 |
| 1950 | 51,872 | - | 140,300 | 218,341 | 6.913 | 6.913 |
| 1951 | 49,361 | - | 124,329 | 182,991 | 6.225 | 6.225 |
| 1952 | 49,323 | 37 | 101,868 | 46,744 | 3.010 | 3.013 |
| 1953 | 59,910 | 441 | 99,555 | 291,971 | 6.487 | 6.542 |
| 1954 | 65,309 | 163 | 105,606 | 500,237 | 9.253 | 9.279 |
| 1955 | 60,972 | 3,272 | 129,316 | 60,320 | 2.951 | 3.163 |
| 1956 | 81,355 | 3,771 | 134,296 | 187,181 | 3.776 | 3.997 |
| 1957 | 70,581 | 7,067 | 122,143 | 507,599 | 8.110 | 9.022 |
| 1958 | 64,311 | 5,202 | 125,668 | 457,949 | 8.395 | 9.155 |
| 1959 | 59,800 | 7,089 | 102,503 | 134,716 | 3.546 | 4.085 |
| 1960 | 59,258 | 10,907 | 87,510 | 448,328 | 7.636 | 9.226 |
| 1961 | 59,905 | 6,517 | 99,536 | 940,247 | 15.654 | 17.465 |
| 1962 | 74,496 | 19,990 | 96,397 | 586,612 | 6.270 | 8.220 |
| 1963 | 62,017 | 3,533 | 95,154 | 232,182 | 4.994 | 5.335 |
| Average: |  |  |  |  |  |  |
| 1940-44 | \$30,525 | \$ 466 | \$ 77,565 | \$315,082 | 12.670 | 12.878 |
| 1960-63 | 63,919 | 10,237 | 94,649 | 551,842 | 8.718 | 10.274 |

TABLE 43
Compensation and Ownership Income:
Small Manufacturing Sample, 1940-63;
Average for the Top Five Executives in Each Firm

| Year | Compensation |  | Ownership Income |  | Comparison |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
|  | After- | After- |  |  |  |  |
|  | Tax | Tax |  | Absolute |  |  |
|  | Fixed- | Stock- | After- | After- |  |  |
|  | Dollar | Based | Tax | Tax |  |  |
|  | Remu- | Remu- | Dividend | Capital | [(3)+(4)] | $\underline{[(2)+(3)+(4)]}$ |
|  | neration | neration | Income | Gains | [(1)+(2)] | (1) |
| 1940 | \$24,502 | \$ - | \$25,547 | \$ 57,708 | 3.397 | 3.397 |
| 1941 | 21,854 | 234 | 20,600 | 136,995 | 7.134 | 7.221 |
| 1942 | 20,055 | 171 | 14,869 | 22,632 | 1.854 | 1.878 |
| 1943 | 17,896 | 134 | 16,519 | 117,839 | 7.451 | 7.515 |
| 1944 | 18,991 | - | 15,877 | 44,846 | 3.197 | 3.197 |
| 1945 | 19,617 | - | 14,950 | 119,347 | 6.845 | 6.845 |
| 1946 | 22,886 | - | 16,913 | 148,654 | 7.234 | 7.234 |
| 1947 | 27,161 | - | 17,038 | 25,530 | 1.567 | 1.567 |
| 1948 | 32,606 | - | 26,401 | 38,978 | 2.005 | 2.005 |
| 1949 | 34,607 | - | 29,644 | 109,292 | 4.014 | 4.014 |
| 1950 | 33,728 | - | 31,216 | 49,357 | 2.388 | 2.388 |
| 1951 | 34,588 | - | 28,337 | 45,332 | 2.129 | 2.129 |
| 1952 | 34,041 | 65 | 22,921 | 11,336 | 1.004 | 1.008 |
| 1953 | 38,057 | 267 | 22,845 | 65,061 | 2.293 | 2.316 |
| 1954 | 40,174 | 50 | 23,362 | 115,179 | 3.444 | 3.449 |
| 1955 | 40,310 | 1,544 | 28,172 | 21,673 | 1.190 | 1.274 |
| 1956 | 47,647 | 2,087 | 29,031 | 58,201 | 1.753 | 1.874 |
| 1957 | 44,235 | 2,026 | 27,196 | 121,049 | 3.204 | 3.397 |
| 1958 | 43,048 | 1,409 | 27,181 | 113,215 | 3.157 | 3.294 |
| 1959 | 43,329 | 4,588 | 25,044 | 67,501 | 1.931 | 2.241 |
| 1960 | 44,734 | 6,517 | 24,435 | 123,921 | 2.894 | 3.462 |
| 1961 | 44,133 | 4,959 | 26,492 | 275,158 | 6.144 | 6.947 |
| 1962 | 49,094 | 8,364 | 26,849 | 167,028 | 3.374 | 4.119 |
| 1963 | 45,937 | 2,476 | 27,170 | 115,716 | 2.951 | 3.164 |
| Average: |  |  |  |  |  |  |
| 1940-44 | \$20,660 | \$ 108 | \$18,682 | \$ 76,004 | 4.559 | 4.588 |
| 1960-63 | 45,975 | 5,579 | 26,237 | 170,456 | 3.815 | 4.400 |

individual portfolios within the group. When extreme stockholdingsdefined, as before, to be those of a magnitude greater than two standard deviations distant from the original means for each of the five executive positions each year-are removed from consideration, the revised January 1 mean market values compiled in Table 44 emerge. ${ }^{4}$ The per capita equity investments defined therein come to about only 20 per cent of the initial values specified in Table 37 in the early years shown, and drop to as little as 5 per cent of those values after 1960. This finding, and the similarly recalculated dividend and capital gains averages in Appendix $F$, unquestionably cast a somewhat different light on the executive ownership role.

The degree of difference is highlighted by the relationships recorded in Tables 45 and 46, where the modified after-tax dividend and absolute capital gains figures are compared with the new fixeddollar and stock-based compensation means which result from eliminating extreme values of the latter as well. ${ }^{5}$ The data indicate that income from ownership items was some four and one-half times as important as non-stock-related inflows from employment for the top men in the fifteen companies during the early 1940's, but had diminished to only 80 per cent as important by the 1960's. For the top-five executive category, the decline was from 175 per cent of fixed-dollar pay to just about matching yearly amounts over the same interval. A noticeable secular reduction in the intensity of the management-shareholder income link is therefore apparent, although annual increments to wealth roughly equal to those enjoyed from salary, bonus, pension benefits, and other fixed-sum rewards combined, still suggest a respectable level of ownership involvement. By that standard, the evidence for the small-manufacturing sample does follow-in its general character, at least-the patterns previously displayed by the two large-company groups.

[^2]TABLE 44
Average Market Value of Executive Stockholdings: Small Manufacturing Sample, 1940-63; Extreme Values Deleted (amounts in dollars)

| Year | Top Executive | Top Five Executives |
| :---: | :---: | :---: |
| 1940 | 557,178 | 157,923 |
| 1941 | 583,843 | 146,918 |
| 1942 | 202,964 | 85,461 |
| 1943 | 357,364 | 98,302 |
| 1944 | 475,013 | 151,093 |
| 1945 |  |  |
| 1946 | 471,531 | 157,127 |
| 1947 | 638,171 | 189,089 |
| 1948 | 484,145 | 135,465 |
| 1949 | 294,079 | 88,535 |
| 1950 | 142,643 | 52,674 |
| 1951 |  |  |
| 1952 | 173,579 | 55,573 |
| 1953 | 184,953 | 73,619 |
| 1954 | 185,306 | 78,063 |
| 1955 | 168,740 | 58,325 |
| 1956 | 166,305 | 59,207 |
| 1957 |  |  |
| 1958 | 228,245 | 80,778 |
| 1959 | 389,994 | 112,622 |
|  | 395,988 | 121,762 |
| 1960 | 352,601 | 103,923 |
| 1961 | 199,571 | 105,223 |
| 1962 |  |  |
| 1963 | 183,608 | 156,429 |
|  | 121,695 | 108,825 |
|  | 150,368 | 235,541 |
|  |  | 220,335 |

## TABLE 45

Compensation and Ownership Income:
Small Manufacturing Sample, 1940-63;
Average for the Top Executive in Each Firm,
Extreme Values Deleted

| Year | Compensation |  | Ownership Income |  | Comparison |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
|  | AfterTax | AfterTax |  | Absolute |  |  |
|  | Fixed- | Stock- | After- | After- |  |  |
|  | Dollar | Based | Tax | Tax |  |  |
|  | Remu- | Remu- | Dividend | Capital | [(3)+(4)] | $[(2)+(3)+(4)]$ |
|  | neration | neration | Income | Gains | [(1)+(2)] | (1) |
| 1940 | \$33,290 | \$ - | \$38,321 | \$ 75,093 | 3.406 | 3.406 |
| 1941 | 32,168 | 1,033 | 30,355 | 163,309 | 5.833 | 6.052 |
| 1942 | 27,249 | 788 | 7,000 | 61,181 | 2.431 | 2.531 |
| 1943 | 23,935 | 601 | 10,942 | 134,600 | 5.931 | 6.105 |
| 1944 | 25,588 | - | 11,941 | 118,279 | 5.089 | 5.089 |
| 1945 | 25,746 | - | 8,401 | 113,155 | 4.721 | 4.721 |
| 1946 | 30,877 | - | 10,262 | 88,336 | 3.193 | 3.193 |
| 1947 | 33,287 | - | 11,274 | 122,474 | 4.018 | 4.018 |
| 1948 | 41,788 | - | 12,159 | 46,404 | 1.401 | 1.401 |
| 1949 | 49,589 | - | 8,264 | 23,119 | 0.632 | 0.632 |
| 1950 | 46,927 | - | 11,607 | 35,478 | 1.003 | 1.003 |
| 1951 | 44,195 | - | 9,702 | 12,779 | 0.508 | 0.508 |
| 1952 | 44,433 | 39 | 8,411 | 20,136 | 0.641 | 0.643 |
| 1953 | 49,772 | 12 | 4,779 | 19,286 | 0.483 | 0.483 |
| 1954 | 53,998 | 175 | 4,443 | 49,784 | 1.000 | 1.007 |
| 1955 | 55,282 | 3,506 | 4,658 | 40,031 | 0.760 | 0.871 |
| 1956 | 72,024 | 4,040 | 11,394 | 61,620 | 0.959 | 1.069 |
| 1957 | 55,726 | 4,391 | 9,183 | 68,291 | 1.288 | 1.469 |
| 1958 | 55,668 | 4,485 | 12,864 | 149,382 | 2.697 | 2.995 |
| 1959 | 59,800 | 7,089 | 4,339 | 37,633 | 0.627 | 0.820 |
| 1960 | 59,258 | 10,907 | 3,627 | 21,381 | 0.356 | 0.606 |
| 1961 | 58,287 | 4,649 | 3,540 | 63,125 | 1.059 | 1.223 |
| 1962 | 56,068 | 21,418 | 2,546 | 21,370 | 0.308 | 0.808 |
| 1963 | 60,010 | 1,110 | 3,444 | 41,706 | 0.738 | 0.770 |
| Average: |  |  |  |  |  |  |
| 1940-44 | \$28,446 | \$ 484 | \$19,712 | \$110,492 | 4.501 | 4.594 |
| 1960-63 | 58,406 | 9,521 | 3,289 | 36,896 | 0.592 | 0.851 |

## TABLE 46

Compensation and Ownership Income:
Small Manufacturing Sample, 1940-63;
Averages for the Top Five Executives in Each Firm, Extreme Values Deleted

| Year | Compensation |  | Ownership Income |  | Comparison |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
|  | AfterTax | AfterTax |  | Absolute |  |  |
|  | Fixed- | Stock- | After- | After- |  |  |
|  | Dollar | Based | Tax | Tax |  |  |
|  | Remu- | Remu- | Dividend | Capital | [(3)+(4)] | $\underline{[(2)+(3)+(4)]}$ |
|  | neration | neration | Income | Gains | [(1)+(2)] | (1) |
| 1940 | \$23,299 | \$ - | \$9,820 | \$19,190 | 1.245 | 1.245 |
| 1941 | 21,620 | 235 | 7,514 | 40,327 | 2.188 | 2.223 |
| 1942 | 19,653 | 182 | 3,439 | 18,850 | 1.123 | 1.143 |
| 1943 | 17,290 | 143 | 3,384 | 33,109 | 2.093 | 2.118 |
| 1944 | 17,749 | - | 3,828 | 34,512 | 2.160 | 2.160 |
| 1945 | 19,163 | - | 3,234 | 36,312 | 2.063 | 2.063 |
| 1946 | 22,092 | - | 3,411 | 27,693 | 1.407 | 1.407 |
| 1947 | 25,449 | - | 3,482 | 27,065 | 1.200 | 1.200 |
| 1948 | 30,714 | - | 3,835 | 14,039 | 0.581 | 0.581 |
| 1949 | 32,245 | - | 2,893 | 7,348 | 0.317 | 0.317 |
| 1950 | 32,279 | - | 3,431 | 10,073 | 0.418 | 0.418 |
| 1951 | 32,674 | - | 3,712 | 6,774 | 0.320 | 0.320 |
| 1952 | 32,301 | 69 | 3,062 | 5,789 | 0.273 | 0.276 |
| 1953 | 36,956 | 193 | 2,037 | 6,359 | 0.226 | 0.232 |
| 1954 | 36,929 | 52 | 2,080 | 17,134 | 0.519 | 0.521 |
| 1955 | 38,055 | 1,610 | 2,214 | 15,543 | 0.447 | 0.508 |
| 1956 | 42,481 | 2,186 | 3,526 | 23,402 | 0.602 | 0.685 |
| 1957 | 39,929 | 1,499 | 3,112 | 20,587 | 0.572 | 0.631 |
| 1958 | 40,218 | 1,276 | 3,867 | 43,656 | 1.145 | 1.213 |
| 1959 | 42,552 | 4,668 | 2,806 | 16,346 | 0.405 | 0.559 |
| 1960 | 44,734 | 6,517 | 3,877 | 23,630 | 0.536 | 0.760 |
| 1961 | 43,809 | 4,585 | 2,830 | 35,600 | 0.794 | 0.981 |
| 1962 | 44,934 | 8,232 | 5,500 | 37,257 | 0.804 | 1.134 |
| 1963 | 44,572 | 1,232 | 5,449 | 46,409 | 1.132 | 1.191 |
| Average: |  |  |  |  |  |  |
| 1940-44 | \$19,922 | \$ 112 | \$5,597 | \$29,197 | 1.737 | 1.752 |
| 1960-63 | 44,512 | 5,142 | 4,414 | 35,724 | 0.808 | 1.017 |

## Proportionate Holdings

One substantial departure from those patterns can, however, be discerned. The top officers of the smaller corporations have consistently owned much larger fractions of their firms' outstanding common shares than was the case for either of the other two samples. Table 47 summarizes the findings, and may be contrasted with the largeindustrial and retail-trade data in Tables 25 and 36. According to the full-sample averages, in 1940 the highest-paid individuals in the fifteen small manufacturing companies held in their portfolios more than 12 per cent of their firm's equity securities. The five highestpaid executives together held nearly 15 per cent. Both of these figures conjure up visions of the kind of classic entrepreneur-administrator which the usual discussion of the small-firm operation implies. While the two ownership proportions at issue fell to 4.7 and 6.9 per cent, respectively, by 1963, they continued to denote significant minority interests. The reduced-sample means scale down that interpretation to some extent, but do portray holdings which are anywhere from three to sixteen times greater in comparison with company size than are those observed among larger enterprises.

## Market Activity

To complete the parallel, we may inquire as to the volume of trading in their own firm's securities which the relevant senior executives have undertaken. As it turns out, a transaction of any sort which altered the number of common shares held occurred during just 523 of the 1,781 man-years of compensation and ownership experience that comprise the full-sample data matrix (i.e., within only 29 per cent of the set of possible intervals). Fully 348 of the changes, moreover, involved increases in holdings, leaving a mere 175 transactions -less than one in every 10 man-years investigated-which resulted in a net sale of shares by top management. Both rates are well below the retail trade and large manufacturing portfolio turnover figures, evincing not only a heavier relative commitment to employer-com-

TABLE 47
Trends in Proportionate Ownership:
Small Manufacturing Sample, 1940-63

|  | 1940 | 1963 |
| :---: | :---: | :---: |
| Full Sample Mean per capita stockholdings: |  |  |
|  |  |  |
| Top executives | \$2,732,158 | \$3,489,437 |
| Top five executives | \$637,434 | \$1,033,769 |
| Implied total holdings: |  |  |
| 15 top executives | \$40,982,370 | \$52,341,555 |
| 75 top five executives | \$47,807,550 | \$77,532,675 |
| Total market value of the 15 sample corporations$\$ 325,089,000 \quad \$ 1,123,627,000$ |  |  |
| Fraction of total owned by executives: |  |  |
| Top executives | 12.607\% | 4.658\% |
| Top five executives | 14.706\% | 6.900\% |
| Reduced Sample with Extreme |  |  |
| Mean per capita stockholdings: |  |  |
| Top executives | \$557,178 | \$150,368 |
| Top five executives | \$157,923 | \$220,335 |
| Implied total holdings: |  |  |
| 15 top executives | \$8,357,670 | \$2,255,520 |
| 75 top five executives | \$11,844,225 | \$16,525,125 |
| Total market value of the 15 sample |  |  |
| Fraction of total owned by executives: |  |  |
| Top executives | 2.571\% | 0.201\% |
| Top five executives | 3.643\% | 1.471\% |

pany stock by the present sample but a more permanent individual attachment to those investments.

## Summary

The top administrative officers of a representative group of small to medium-size American manufacturing corporations have maintained equity holdings in their respective firms ranging between $\$ 1$ million and $\$ 4$ million per capita during the early 1960 's, up from figures approximately half as great prior to World War II. The dividends and capital gains associated with these holdings have amounted to as much as $\$ 1$ million per executive within a given calendar year, and have averaged some $\$ 200,000$ to $\$ 500,000$ annually from 1960 through 1963. At such levels, the indicated returns far surpassed, in the aggregate, the concurrent cash receipts and deferred income values which executives commanded as remuneration in their capacity as employees. The removal from the data of extraordinary stockholding and compensation experiences has a marked impact on the historical record, but it does no more than reduce mean ownership income flows to about the volume of mean total managerial earnings. Even given this adjustment, therefore, a strong interdependence of executive and shareholder economic well-being appears to prevail.


[^0]:    ${ }^{1}$ Any concern that payments on this scale may render invalid the taxable income assumption utilized throughout the analysis in estimating tax liabilities on cash income is somewhat premature. As will become evident below, a few extreme stockholding figures strongly influence the means presented and, when those extreme values are set aside, the dividend averages drop precipitously.

[^1]:    ${ }^{2}$ The reference is to Tables $16,17,29$, and 30 for the large manufacturing and retail trade data.
    ${ }^{3}$ Tables 18, 19, 31, and 32.

[^2]:    ${ }^{4}$ The new data matrix contains 1,655 observations, down 7 per cent from the original 1,781 .
    ${ }^{5}$ The revised compensation averages are also contained in Appendix F. A 5 per cent reduction in sample size is embodied in those figures.

