however, the coefficient for profits was significant at well above the 5 percent level, while both employment and output were of virtually no significance whatever.⁶

Table 2.—Cross-section regression equations: Wages

Independent variable	Regression coefficient	Partial cor- relation coefficient	Beta co- efficient	Standard error of beta coefficient
1947–53: Average profit rate before taxes	0.7430	0. 3028	0, 4196	0, 340
Percent change: Production worker employment Output	2345 . 1329	2009 . 1787	4007 . 3798	. 504-
Average profit rate before taxes Percent change:	1.7498	1.6590	. 6797	. 200
Production worker employmentOutput	. 0034 —. 0526	. 0046 —. 1055	. 0049 1139	. 2759 . 2770
Regression constants:				19. 58
Multiple correlation coefficient:				7. 28
1953-58 Coefficient of multiple determination;				R = 1.6729
1947–53 1953–58 Degrees of freedom				$R^{2} = 1.4528$
Dogrees of needom				N-4=15

¹ Significant at the 5-percent level.

In addition to these cross-section tests, some time series analyses were also conducted for each two-digit classification. In view of the limited number of annual observations available, and the rather sharp structural readjustments occurring in the economy as a whole during the immediate postwar and Korean periods, the use of time series is subject to important limitations; nevertheless, the results were generally quite consistent with those indicated by the cross-section data.

subject to important limitations; nevertheless, the results were generally quite consistent with those indicated by the cross-section data. Table 3 indicates, for each two-digit industry, the simple correlation coefficients between the year-to-year percentage change in straight-time hourly earnings and the percentage changes in employment and output; in addition, coefficients are given for the relationship between earnings and three different measures of profit levels. There was no important relationship evident with respect to either output or employment. In the case of profits, however, the correlations were consistently stronger, particularly for profits before taxes, lagged 1 year. In the latter instance, the correlation coefficients were at a 5-percent level of significance or better in 9 out of 19 industries, including 5 which were at a 1-percent level.

⁶ Another bit of corroborative evidence can be found in a similar study of 61 smaller (3-digit) industries conducted by Conrad. On the basis of both simple and multiple cross-section regression analysis, he found a "remarkably low degree of relationship" between average annual changes in production workers' wages and output, employment, and productivity. He did not test for the role of profits. See Alfred H. Conrad, "The Share of Wages and Salaries in Manufacturing Incomes, 1947–56," Joint Economic Committee Study of Employment, Growth, and Price Levels, Study Paper No. 9, pp. 149–152.