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Volume Title: Financial Adjustments to Unemployment
Volume Author/Editor: Philip A. Klein

Volume Publisher: NBER
Volume ISBN: 0-87014-407-3

Volume URL: http://www.nber.org/books/klei65-1
Publication Date: 1965

Chapter Title: Appendix A: Limitations of the Data

Chapter Author: Philip A. Klein
Chapter URL: http://www.nber.org/chapters/c1654

Chapter pages in book: (p. 62-73)

## APPENDIX A

## LIMITATIONS OF THE DATA

As has been mentioned in the text, the basic data were developed in the original surveys to test the adequacy of unemployment benefits. The aim of this study has been somewhat broader-to examine the entire range of adjustments which unemployed persons make.

Although there is no reason to question the accuracy with which the interviewers recorded the information they received, there is a serious question about the reliability of the replies to a number of questions. For example, the claimants were asked to give their average monthly expenditures on a large number of items, such as food, liquor, tobacco, clothing, and recreation for each month during the survey year. Since it is questionable whether the average person can recall these details with any degree of accuracy, this study assumes that the claimant would remember approximately when major adjustments were made and about how large they were. There is less confidence in the reporting of other expenclitures. The timing of expenditure changes appears to be more accurate than quantitative estimates of the details for months before or after unemployment.

Each individual survey differed from all the other surveys in several important respects. ${ }^{1}$ They were not all taken at the same time, the interviewers were much more painstaking in some states than in bthers, and the states themselves differed widely in their economic and demographic structures. It appears that they were

[^0]selected by the Bureau of Employment Security precisely because of this diversity. This is a virtue in that any trends or tendencies for certain kinds of adjustments to prevail must be sufficiently clear to emerge from an analysis of claimants with diverse backgrounds. Occasionally the results of a specific type of analysis have been indicated separately for the six surveys, but in general the surveys have been combined so that what emerges is a pattern of adjustment to unemployment based on various sorts of people and covering periods of prosperity as well as recession.

A more serious problem concerns the relation between the basic data and the conceptually relevant data for a study of adjustments to unemployment. Ideally, one would like to know the adjustment in the "normal" rate of spending for consumption, the "normal" rate of change in debt, the "normal" rate of change in liquid assets, and the "normal" rate of default on instalment credit obligations. Information such as this cannot be obtained from the data at hand because the characteristics of a normal (not influenced by unemployment) period are not known for this sample of households. There is considerable information in the surveys concerning magnitudes (e.g., durable goods instalment debt) held at the beginning of the survey year, and much concerning how magnitudes were altered during the survey year. But there is no information about how these magnitudes change normally, e.g., during the year preceding the survey year (a year presumably, but not necessarily, marked by unemployment). Thus the change in several debt categories during the survey year can be computed, but it cannot automatically be said that this change was "associated with unemployment" unless it is assumed that debt normally does not change at all. Similarly, if there was a 10 per cent increase in unpaid food bills during the survey year, it would in principle be necessary to know the change in unpaid food bills during previous years. In effect, one would like to be able to talk about unemployment-associated changes in normal rates of change, i.e., about first differences.

This inability to measure first differences makes it extremely difficult to interpret some of the data. To relate a change (in tobacco expenditures, for example) during the survey, year entirely to the existence of unemployment is to imply that the rate of change in
the past had been nonexistent or negligible. In this example the assumption that change is equal to first differences might not lead one too far afield. But to attribute a decrease in liquid assets to unemployment might underestimate the effect of unemployment on saving, since liquid assets may well have tended to increase in "normal" periods. Some indirect evidence can be brought to bear on this pattern, and it has been discussed in the text.

Table A-I
Age Distribution of Civilian Labor Force, Unemployed Persons, BLS Survey of Insured Unemployed Persons, and BeS Sample of Insured Unemployed Persons

| $\begin{aligned} & \text { Age } \\ & \text { Class } \end{aligned}$ | $\begin{gathered} \text { Total } \\ \text { Civilian } \\ \text { Labor Force. } \\ 1956^{2} \\ \text { (per cent) } \\ \text { (1) } \end{gathered}$ | Unemployed Persons. 1956 (per cent) (2) | BLS Survey of Insured Unemployed Persogs. 1956 (per cent) <br> (3) | BES Survey of Unemployed Persons, 1954-58 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Per Cent <br> (4) | Number (5) |
| 20-24 | 9.5 | 17.4 | $13.8{ }^{\text {c }}$ | 8.0 | 147 |
| 25-34 | 24.0 | 24.3 |  | 28.0 | 514 |
|  | 49.2 | 44.9 | 47.3 | 57. |  |
| 35-44 | 25.2 | 20.7 |  | 29.9 | 549 |
| 45-54 | 21.5 | 18.9 |  | 17.4 | 319 |
|  | 35.7 | 32.7 | 34.6 | 28. |  |
| 55-64 | 14.2 | 13.9 |  | 10.7 | 196 |
| 65 and over | 5.5 | 4.9 | 4.3 | 4.4 | 80 |
| Not ascertained |  |  |  | 1.7 | 31 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 1,836 |

Note: Details may not add to totals owing to rounding. Chi-square analysis of column 4 vs. column 2 and column 3 shows that the differences are significant at the .01 per cent level, due largely to the underrepresentation of the two younger classes in the BES sample.
a Department of Commerce, Current Population Reports, Annual Report on the Labor Force, 1956, Series P-50.
${ }^{4}$ Department of Labor, Monthly Report on the Characteristics of the Insured Unemployed, December 1956, Table C.3. This survey is based on a 1 per cent sample of insured unemployed.
" This class is "under 25 " and is not strictly comparable.

Table A-2
Marital Status of U.S. Adult Population, Bl.S Survey of
Insured Unemployed Persons, and BES Sample of Insured Unemployed Persons

| Marital Status | U. S. Adult Population, $1958^{\text {a }}$ (per cent) | ```BLS Sample of Insured Unemployed fersons, /1956 (per cent)``` | BES Sample of <br> Unemployed Persons, 1954-58 |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Per Cent | Number |
| Single | 21.6 | 18.5 | 26.2 | 481 |
| Married | 78.4 | 73.2 | 73.7 | 1,353 |
| 81.5 |  |  |  |  |
| Widowed |  | 8.3 | 0.0 | 0 |
| Divorced |  |  | 0.1 | 2 |
| Total | 100.0 | 100.0 | 100.0 | 1,836 |

${ }^{n}$ Department of Commerce, Bureau of the Census, Current Population Reports, Series P-20, No. 87. Reproduced in Statistical Abstract of the United States, 1959, p. 40.
"Department of Labor, Monthly Report on the Characteristics of the Insured Unemployed, December 1956, Table A-7.

Table A-3
Occupational Distribution of Experienced Civilian Labor Force, Unemployed Persons in Experienced Civilian Labor Force, BlS Survey of Insured Unemployed Persons, and BeS Survey of Unemployed Persons

| Occupation | ```Total U.S. Experience . Civilian Labor Force, 1954-58 Average (per cent)``` | Unemployed <br> Persons in <br> Experienced <br> Civilian <br> Labor Fgrce, 1956 <br> (per cent) | BLS Survey of Insured Unemployed Persons, 1956 (per cent) | BES Survey of Unemployed Persons, 1954-58 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Per Cent | Number |
| Professional, semiprofessional, and managerial | $19.3{ }^{\text {d }}$ | $5.0^{\text {d }}$ | 2.9 | 2.6 | 47 |
| Clerical and sales | 19.8 | 14.5 | 11.0 | 10.8 | 199 |
| Skilled and semiskilled | 33.4 | 44.7 | 45.0 | 36.0 | -661 |
| Unskilled and service | 17.8 | 30.4 | 37.8 | 47.4 | 371 |
| Agricultural workers | 9.5 | 5.6 | -- | 1.6 | 29 |
| Not ascertained | -- | -- | 3.2 | 1.6 | 29 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 1,836 |

Note: Details may not add to totals owing to rounding.
${ }^{n}$ Department of Commerce, Current Population Reports, Annual Report on the Labor Force, 1954-58, Series P-50.
${ }^{\text {b }}$ Estimated by applying annual average (1956) of unemployment rates (experienced unemployed as percentage of experienced civilian labor force) to the distribution of experienced civilian labor force by occupation (1956). Unemployment rates are taken from Table P, p. 10, 1956 Annual Repart on the Labor Force, Series P-50, Current Population Reports, Department of Commerce.
${ }^{\text {c }}$ Department of Labor, Monthly Report on the Characteristics of the Insured Unemployed, December 1956, Table 4. These estimates are an unweighted average of the percentage distribution for those unemployed for one to four weeks and over fourteen weeks. While this does not include all the insured unemployed, it is a better estimate than that of any single month, which is subject to seasonal factors.
${ }^{\text {a }}$ Excluding farm managers, who were included with agricultural workers.

## Table A-4 <br> Disposable-Income Distribution of U.S. Population and BES Sample of Insured Unemployed Persons

| Income Class | Percentage Distribution of Consumer Units, Total U.S., 1955-57 |  |  |  | BES Sample of Unemplofed Persons, 1954-58 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1955 | 1956 | 1957 | 3-Year Average | Per Cent | Number |
| Under \$2,000 | 16.8 | 15.7 | 14.9 | 15.8 | 8.6 | 157 |
| 2-2,999 | 12.5 | 11.7 | 11.0 | 11.7 | 15.7 | 289 |
| 3-3,999 | 15.3 | 14.9 | 13.9 | 14.7 | 18.7 | 344 |
| 4-4,999 | 15.7 | 15.2 | 14.8 | 15.2 | 17.9 | 329 |
| $5-5,999$ | 12.8 | 12.7 | 12.6 | 12.7 | 16.1 | 295 |
| 6,000 and over | 26.9 | 29.8 | 32.8 | 29.8 | 21.4 | 392 |
| Not ascertained |  |  |  |  | 1.6 | 30 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1,836 |
| Median income | \$4,338 | \$4,506 | \$4,689 | \$4,513 | \$4,346 |  |

Note: Details may not add to totals owing to rounding.
"Department of Commerce, Survey of Current Business, April 1959, Table 12.
${ }^{\text {" Data represent household income prior to unemployment. }}$

Table A-5
Percentage of Spending Units with No Personal Debt

| Within Income Groups |  |  | Within Age Groups |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Income Class | $\begin{gathered} \text { All } \\ \text { Spending } \\ \text { Units, } \\ 1957 \end{gathered}$ | BES Sample of Unemployed Persons, 1954-58 | Age Class | $\begin{gathered} \text { All } \\ \text { Spending } \\ \text { Units, } \\ 1957^{\text {a }} \end{gathered}$ | BES Sample of Unemployed Persons, 1954-58 |
| Under \$1,000 | 60 | 57 | 18-24 | 38 | 22 |
| 1-1,999 | 53 |  |  |  |  |
| 2-2,999 | 49 | 48 | 25-34 | 23 | 16 |
| $3=3,999$ | 42 | 33 | 35-44 | 33 | 25 |
| 4-4,999 | 31 | 24 | 45-54 | 42 | 34 |
| 5-5,999 | 33 | 17 | 55-64 | 55 | 60 |
| 6,000 | 26 | 17 | 65 and over | 73 | 80 |
| 7,500 and over | 34 |  | Not ascertained | d | 48 |
| Total | 41 | 30 | Total | 41 | 30 |

a Survey of Consumer Finances, Federal Reserve Bulletin, September 1958, Supplementary Table 11. The percentages apply to spending units.

Table A-6
Percentage of Spending Units with No Liquid Assets

| Within Income Groups |  |  | Within Age Groups |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Income Class | $\begin{gathered} \text { All } \\ \text { Spending } \\ \text { Units } \\ 1957^{\mathrm{a}} \\ \hline \end{gathered}$ | BES Sample of Unemployed Persons, 1954-48 | Age Class | $\begin{gathered} \text { A11 } \\ \text { Spending } \\ \text { Units } \\ 1957 \end{gathered}$ | BES Sample of Unemployed Persons, 1954-58 |
| Under \$1,000 | 62 |  | Under 25 | 37 | 47 |
| 1-1,999 | 50 | 56 | 25-34 | 26 | 40 |
| 2-2,999 | 37 | 50 | 35-44 | 22 | 41 |
| 3-3,999 | 32 | 45 | 45-54 | 21 | 45 |
| 4-4.999 | 25 | 44 | 55-64 | 28 | 50 |
| $5-5,999$ | 16 | 40 | 65 and Over | 27 | 39 |
| $6-7,499$ | 10 | 28 |  | 26 | 43 |
| 7,500-9,999 | 2 |  | Total | 26 | 43 |
| 10,000 and Over | 1 |  |  |  |  |
| Total | 26 | 43 |  |  |  |

${ }^{\text {a }}$ Survey of Consumer Finances, Federal Reserve Bulletin, September 1958, Supplementary Tables 7 and 9. The percentages apply to spending units.
Table A-7
Percentage Distribution of Household Expenditures Within Income Groups for All Households (1955-56) a and for the BeS Sample of Insured Unemployed Persons (1954-58)

| Expenditure Category | Under \$2,000 |  | \$2,000-2,999 |  | \$3,000-3,999 |  | \$4,000-4,999 |  | \$5,000-6,999 |  | \$7,000-9,999 |  | $\$ 10,000$$\text { and } 0 \mathrm{ver}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All U.S. Households | $\begin{aligned} & \text { BES } \\ & \text { Sample } \end{aligned}$ | u.s. | BES | U.s. | BES | U.s. | BES | U.s. | BES | u.s. | BES | U.S. | BES |
| Food | 36 | 42 | 33 | 41 | 30 | 42 | 29 | 40 | 28 | 37 | 26 | 36 | 24 | 40 |
| Clothing | 11 | 7 | 11 | 7 | 13 | 7 | 12 | 7 | 11 | 8 | 13 | 8 | 14 | 8 |
| Medical | 7 | 3 | 5 | 3 | 6 | 2 | 5 | 2 | 5 | 2 | 5 | 2 | 6 | 2 |
| Home operation | 17 | 32 | 20 | 29 | 18 | 26 | 19 | 24 | 19 | 24 | 18 | 25 | 18 | 18 |
| Home furnishing | 7 | 7 | 8 | 8 | 8 | 7 | 8 | 8 | 9 | 8 | 9 | 7 | 10 | 9 |
| Recreation | 5 | 2 | 5 | 2 | 5 | 2 | 6 | 1 | 5 | 2 | 5 | 1 | 6 | 2 |
| Automotive | 3 | 7 | 13 | 11 | 15 | 14 | 14 | 17 | 16 | 19 | 15 | 20 | 15 | 20 |
| Other | 6 | -- | 5 | -- | 6 | - | 7 | -- | 7 | - | 9 | -- | 7 | - |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| rank of expenditure category |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Food | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Clothing | 3 | 4 | 4 | 5 | 4 | 4.5 | 4 | 5 | 4 | 4.5 | 4 | 4 | 4 | 5 |
| Medical | 4.5 | 6 | 6.5 | 6 | 6 | 6.5 | 7 | 6 | 6.5 | 6.5 | 6.5 | 6 | 6.5 | 6.5 |
| Home operation | 2 | 2 | 2 | 2 | 2 | , | 2 | 2 |  |  | 2 | 2 | 2 | 3 |
| Home furnishing | 4.5 | 4 | 5 | 4 | 5 | 4.5 | 5 | 4 | 5 | 4.5 |  | 5 | 5 | 4 |
| Recreation | 6 | 7 | 6.5 | 7 | 7 | 6.5 | , | 7 | 6.5 | 6.5 | 6.5 | 7 | 6.5 | 6.5 |
| Automotive Other | 7 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | , | 3 | , | 2 |
| Rank Correlation Coefficient | . 72 |  |  |  | . 98 |  | . 92 |  | . 99 |  | . 99 |  | . 92 |  |

${ }^{\text {a }}$ Life Magazine Study of Consumer Expenditire, Volume 1, 1957. The Life survey was taken between October 1955 and December 1956. See Volume I, p. 5, for details of the survey procedure. The Life survey deals with annual household income, otherwise unspecified, and so presumably before taxes. The Un. employment Survey sample is based here on after-tax income.

Table A-8
Rank Correlation Between Sample as a Whole and Indicated Subgroups, Nine Principal Techniques of Adjustment

## to Unemployment

| Subgroup | Rank Correlation Coefficient for: |  |
| :---: | :---: | :---: |
|  | Frequency of Use | Dollar Amount |
| Age: under 35 years | . 96 | . 93 |
| 35 years and over | . 996 | 1.00 |
| Occupation |  |  |
| Professions etc. | . 91 | . 92 |
| Clerical and sales | . 95 | . 93 |
| Skilled and semiskilled | . 93 | . 92 |
| Unskilled and service | . 73 | . 98 |
| Agricultural | . 80 | . 81 |
| Earner status |  |  |
| Single | . 90 | . 95 |
| Primary | . 93 | . 95 |
| Secondary | . 98 | . 88 |
| Change in liquid assets Negative |  |  |
|  |  |  |
| \$1,000 and over | . 81 | . 70 |
| \$300-999 | . 94 | . 97 |
| \$100-299 | . 94 | . 97 |
| Under \$100 | . 96 | . 95 |
| Positive |  |  |
| Under \$1,000 | . 74 | . 90 |
| \$1,000 and over | . 55 | . 55 |
| Percentage change in income |  |  |
| Negative |  |  |
| 20 and over | . 98 | . 97 |
| 10-19 | . 96 | . 98 |
| 5-9 | . 98 | . 92 |
| Under 5 | . 98 | . 85 |
| Positive |  |  |
| Under 10 | . 95 | . 83 |
| 10 and over | . 91 | . 87 |
| Location |  |  |
| Pennsylvania | . 73 | . 77 |
| South Carolina | . 85 | . 87 |
| Florida | . 88 | . 88 |
| New York | . 93 | . 87 |
| Missouri | . 97 | . 98 |
| Oregon | . 93 | . 93 |
| Duration of unemployment |  |  |
| 1-9 weeks | . 95 | . 95 |
| 10-14 weeks | . 95 | . 97 |
| 15-19 weeks | 1.00 | 1.00 |
| 20-24 weeks | .93 | . 95 |
| 25-29 weeks | . 93 | . 94 |
| 30 weeks and over | . 87 | . 88 |

Table A-9
Frequency of Use Related to Duration of Unemployment, Selected Adjustments

| Method of Adjustment | 1-9 Weeks (292 cases) |  | 10-14 Weeks <br> (397 cases) |  | 15-19 Weeks <br> (387 cases) |  | 20-24 Weeks <br> (321 cases) |  | $\underset{(1,836 \text { cases })^{\text {Total }}}{ }$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Users } \end{aligned}$ | Percentage of Possible Users | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Users } \end{aligned}$ | Percentage of Possible Users | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Users } \end{aligned}$ | Percentage of Possible Users | Number <br> of <br> Users | Percentage of Possible Users | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Users } \end{aligned}$ | PeIcentage of Possible Users |
| Delinquencies |  |  |  |  |  |  |  |  |  |  |
| Rent | 14 | 10.3 | 33 | 13.4 | 33 | 17.3 | 27 | 15.3 | 135 | 13.9 |
| Mortgage | 15 | 18.8 | 14 | 18.9 | 11 | 12.9 | 17 | 31.5 | 76 | 19.2 |
| Major house improvements | 4 | 3.9 | 1 | 1.1 | 4 | 3.5 | 3 | 3.1 | 16 | 2.9 |
| Appliances |  |  |  |  |  |  |  |  |  |  |
| Purchased during survey year | 14 | 15.9 | 30 | 23.2 | 37 | 31.6 | 20 | 23.0 | 132 | 24.4 |
| Purchased before survey year | 9 | 13.6 | 28 | 30.4 | 29 | 40.3 | 20 | 32.3 | 116 | 30.4 |
| Total |  | 16.7 |  | 27.6 |  | 33.9 |  | 24.8 |  | 26.8 |
| Hospital payment | 9 | 3.9 | 21 | 6.9 | 20 | 7.5 | 13 | 5.8 | 79 | 5.9 |
| Auto payment | 15 | 12.6 | 10 | 6.6 | 9 | 6.3 | 15 | 13.4 | 47 | 6.9 |
| Repossession |  |  |  |  |  |  |  |  |  |  |
| On autos | 5 | 4.2 | 9 | 5.9 | 8 | 5.6 | 16 | 14.3 | 46 | 6.7 |
| On appliances | -- | 0 | 4 | 2.6 | 4 | 2.8 | 4 | 3.6 | 21 | 3.1 |
| Acquisition of funds |  |  |  |  |  |  |  |  |  |  |
| Decrease savings and checking account | 132 | 73.3 | 151 | 71.9 | 153 | 73.9 | 140 | 79.9 | 737 | 73.8 |
| Life ingurance loans | 3 | 1.3 | 3 | 1.0 | 5 | 1.9 | 7 | 3.3 | 24 | 1.9 |
| Personal loans | 69 | 23.7 | 98 | 24.7 | 90 | 23.2 | 80 | 24.9 | 452 | 24.6 |
| Sale of automobile | 10 | 4.5 | 12 | 4.3 | 26 | 9.7 | 19 | 8.7 | 93 | 7.2 |

(continued)

| Method of Adjustment | $1-9$ Weeks$(292$ cases) |  | 10-14 Weeks <br> (397 cases) |  | 15-19 Weeks <br> (387 cases) |  | 20-24 Weeks <br> ( 321 cases ) |  | $\underset{(1,836 \text { cases })^{\text {a }}}{ }$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Users } \end{aligned}$ |  | $\begin{aligned} & \text { Number } \begin{array}{l} \text { of } \\ \text { Users } \end{array} \end{aligned}$ |  | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Users } \end{aligned}$ | $\begin{gathered} \text { Per- } \\ \text { centage } \\ \text { of Pos- } \\ \text { shble } \\ \text { Users } \end{gathered}$ | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Users } \end{aligned}$ | $\begin{gathered} \text { Per- } \\ \text { centage } \\ \text { of Pos- } \\ \text { sible } \\ \text { Users } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { osers } \end{aligned}$ | $\begin{gathered} \text { Per- } \\ \text { centage } \\ \text { of Pose } \\ \text { sible } \\ \text { Users } \end{gathered}$ |
| Change expenditures on: Food |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Increase | 37 | 12.7 | 54 | 13.6 | 51 | 13.2 | 31 | 9.7 | 240 | 13.1 |
| Decrease | 82 | 28.1 | 101 | 25.4 | 104 | 26.9 | 87 | 27.1 | 476 | 25.9 |
| No change | 173 | 59.2 | 242 | 61.0 | 232 | 59.9 | 203 | 63.2 | 1,120 | 61.0 |
|  |  |  |  |  |  |  |  |  |  |  |
| Increase | 5 | 2.1 | 4 | 1.3 | 5 | 1.7 | 4 | 1.6 | 22 | 1.6 |
| Decrease | 12 | 5.0 | 11 | 3.6 | 11 | 3.8 | 12 | 4.9 | 51 | 3.7 |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Increase | 13 | 8.5 |  | 1.9 | 15 | 8.5 | 5 | 3.0 | 42 | 4.8 |
| Decrease | 15 | 9.8 | 23 | 11.0 | 23 | 13.1 | 16 | 9.5 | 95 | 10.8 |
| No change | 125 | 81.7 | 182 | 87.1 | 138 | 78.4 | 148 | 87.6 | 743 | 84.4 |
| Movies and recreations |  |  |  |  |  |  |  |  |  |  |
| Newspapers, etc. |  |  |  |  |  |  |  |  |  |  |
| Auto Operations |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Increase | 19 | 8.6 | 35 | 12.6 | 23 | 8.6 | 16 | 7.3 | 127 | 10.7 |
| Decrease | 27 | 12.2 | 31 | 11.2 | 43 | 16.0 | 34 | 15.5 | 164 | 12.8 |
| No change | 176 | 79.2 | 212 | 76.3 | 203 | 75.3 | 169 | 17.2 | 983 | 76.6 |

${ }^{1}$ The sum of cases will not add to the total because of cases involving more than twenty-six weeks of unemployment; these cases must have been employed more than once during the survey year because none of the states covered here paid benefits. for more than twenty-six consecutive weeks.


[^0]:    1 There is some reason to question the comparability of the Florida data with that obtained in the other state surveys. Originally the clifferences did not appear to be so great as to warrant excluding the Florida material, but as the analysis for this study proceeded there were many occasions when the relationships indicated by the other five surveys were not observable in the Florida survey.

