

# PRACTICES OF SELECTED LANSING COMMERCIAL FOOD SERVICE OPERATORS IN THE PREPARATION OF PROFIT AND LOSS STATEMENTS

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# PRACTICES OF SELECTED LANSING COMMERCIAL FOOD SERVICE OPERATORS IN THE PREPARATION OF PROFIT AND LOSS STATEMENTS

By

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#### INTRODUCTION

Adequate records are important contributing factors in the successful management of a business organization. However, many operators do not keep adequate records nor do they feel that they can afford the services of a full time bookkeeper to maintain satisfactory records.

The small commercial food service operators in Michigan need a bookkeeping system so simplified that they are able to maintain their own records. To be acceptable and practical such a system must provide the information which the operators feel is necessary for successful management. A satisfactory system should involve a minimum amount of record keeping.

The purpose of this investigation will be to study the practices followed by selected Lansing commercial food service operators in the preparation of profit and loss statements. The extent of the detail presented on these statements and its role in influencing managerial action will be studied. The limitations presented by the practices investigated must necessarily be considered in designing a simplified bookkeeping system to facilitate the preparation of profit and loss statements.

It is hoped that the results of this investigation may serve as a basis for setting up a modified bookkeeping system which will be practical, workable and acceptable to the commercial food service operator in Michigan.

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#### REVIEW OF LITERATURE

# Importance of Accounting Records

Elwell (21) defined accounting as the science by which the transactions of an enterprise are systematically recorded and presented for interpretation and use by owners, executives, employees, creditors and investors. The necessity for adequate accounting records as a basic aid to business success has long been recognized.

Bryan and co-workers (11) pointed out that state and federal tax laws have made it mandatory that adequate and accurate accounting records be maintained. Operators must have a knowledge of their current food costs in order to be certain that they are complying with the law (16). Elwell (21) noted that any adjustments of price ceilings are based on accounting records and reports. Ceiling Price Regulation 134 (52) requires that the commercial food service operator maintain, for at least two years, all records necessary to determine food cost per dollar sale for any compliance period fixed under Ceiling Price Regulation 11.

In addition, Bryan and co-workers (11) noted that most of the data required for the completion of the income

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tax forms of the business can be copied from the annual profit and loss statement. However, the primary objective of record keeping is to provide facts which will guide the owner in the profitable management of his restaurant.

Elwell (21) emphasized that a good accounting system gives the basis for the exercise of sound business judgment. Analytical thinking advocates the keeping of accounting records by every business organization. Radell (57) reported that scientific business management is essential to business success. Such management, according to Radell, is dependent upon definite knowledge obtained from adequate records.

Bryan (12), referring to school cafeteria management, concluded that the inability of management to deal with changing conditions may be partially attributed to a lack of financial and food cost control procedures.

Boyd and Dickey (6) commented that business failures could probably be reduced more than 50 per cent if management were kept properly and currently informed of trends and if such information were used intelligently. Informed management directs its attention to the specific causes of profit or loss and thus has a basis for taking necessary corrective action.

Roswell (61) maintained that too often reports are prepared only because of the demands of some outside agency, and that there is no thought of application of the information presented for management purposes. Elwell (21) stressed that the interpretive value of accounting statements is one of the primary reasons for keeping records in a business organization.

Good elementary business training is essential for the profitable management of a food service operation.

MacDougal (39) indicated that many new business organizations have failed because the manager lacked understanding of bookkeeping principles and procedures. The United States Department of Labor (74) reported that an ability to handle cost control has been a definite aid to the promotion of persons who have entered the food service field.

The United States Department of Commerce (71) reported that three of the major reasons for business failure are lack of knowledge, insufficient capital and inadequate records. Putnam (56) cited that during World War II only 15 to 20 per cent of the restaurant operators in the United States knew their food cost or even knew how to figure it. Putnam felt that this was probably also true of payroll costs and other restaurant operating expenses.

Good accounting is an important contributing factor in the successful operation of a business. This fact was supported by a United States Department of Commerce (67) study of retail management practices. Of the profitably operated stores studied, 83 per cent kept up-to-date accounts. Of the unprofitably operated stores studied, only 40 per cent kept up-to-date accounts. Dahl (19) concluded that many proprietors do not keep adequate records or any books, because they feel that their business is too small to warrant the cost of the services of a trained bookkeeper.

Boyd and Dickey (6) reported that accounting systems are primarily designed to present income and expense data for designated periods of time. Elwell (21) concluded that the profit and loss statement is the most important single statement compiled in a business concern. Bryan and co-workers (11) stated that a record of income and expenses is essential to determine whether or not a restaurant is being operated profitably.

Husband and Schlatter (37) noted that profit and loss statements are important management aids. In addition, these statements form a basis for determining what future relationships of the business should be.

Brodner (8) emphasized that restaurant operators may expect their operating statements to furnish the

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summary of the results of their sales, the measure of the efficiency of the operations, and the percentages necessary for intelligent comparison of business trends with those of similar restaurants.

Mishler (47), in her study of school lunchroom accounting methods, stated that present day small school lunchroom managers have had little or no accounting training. She recommended that simply designed and easily understood records be provided for them. She stressed that these systems should facilitate the preparation of a monthly profit and loss statements.

# Frequency of Preparation of Profit and Loss Statements

The preparation of a profit and loss statement at least once a month seems to be a universal recommendation (8, 10, 11, 19, 31, 34, 47). Bryan and co-workers (11) suggested that the monthly profit and loss statements be summarized annually to provide a basis for completing state and federal income tax returns. For the sake of comparable time intervals and operating figures, the use of a four week period instead of the calendar month may be recommended. This practice is acceptable to the Office

of Price Stabilization (52). Daily and weekly reports are additional variations which have been recommended (10, 11, 12, 19, 34).

Quarterly reports are not adequate for keeping the operator currently informed concerning his compliance with the law. Forster (28) expressed the opinion that yearly reports are merely a presentation of obsolete data.

#### Expense Distribution

The most useful form for the profit and loss statement, according to Boyd and Dickey (6), consists of three sections: (1) operating income, (2) operating expenses and (3) other income and expense.

Brodner (8) explained that the restaurant operator may expect his profit and loss statement to furnish him with the following information:

- 1. Sales (operating income)
- 2. Operating expenses
  - a. Food costs
  - b. Labor costs
  - c. Other operating expenses
  - d. Capital expenses or occupation costs
- 3. Other income and expense

Horwath and Horwath (35) recommended this same basic pattern, but they allowed for a more detailed expense classification. In lieu of an Other Operating Expenses classification, they encouraged the use of separate Operating Expenses and Maintence classifications. The detailed distribution proposed by these workers is as follows:

Operating Expenses

Laundry and uniforms

Fuel for cooking

Electricity and lighting

Ice and refrigeration

Menus

Stationery and printing

Advertising

Licenses and taxes (This does not include real estate, payroll or sales taxes.)

Cleaning supplies and expense

Sundry supplies

Miscellaneous

#### Maintenance

Equipment and building maintenance Uniforms

China and glassware, silverware and linen Kitchen utensils

Repairs

Capital Expenses or Occupation Costs include

Rent

Water

Heat

Depreciation

Interest

Insurance

Amortization of leasehold improvements

Etc.

Extraneous items of income and expense are included in Miscellaneous Income or Expenses.

Brodner and co-workers (10) felt that simple presentation often makes for speedier recognition of necessary remedial steps than does a lengthy and detailed report. The report may be amplified or condensed to best fulfill the needs of the particular operation. Brodner (8) suggested that the small operator might limit the number of expense classifications to a few main divisions without sacrificing the possibility of comparisons with other establishments. Mishler (47) pointed out that the extent of detail to be presented on the statement may vary.

Although sales and purchases may or may not be distributed in groups, a detailed analysis provides a basis for more nearly complete control.

In a broad sense, food cost and payroll cost are the most important items of restaurant cost. They should appear on all restaurant profit and loss statements (60).

### Comparative Figures

If the profit and loss statement is to be of any value, application must be made of the information which it presents. Forster (28) pointed out that many reports and statements prepared for restaurant operators are filed and never studied. He also explained that statements prepared in terms of dollars are necessary but that dollar aggregates may be of little value for comparative purposes. Dahl (19) agreed that comparison of findings on the basis of percentage of sales provides the most expedient method of comparing expenses.

Wenzel (77) emphasized that the first step toward efficiency in management is the utilization of percentages. He pointed out that percentages quickly show the weaknesses in a business. Although this claim may be an overstatement, Lasser (38) agreed that operating percentages are of great value in checking the efficiency and the trends of an

operating business. Brodner (8) explained that management can establish percentage standards for each class of expenditures. Restaurant operators accept certain percentages as normal or average for specific types of operations. Benefit has been gained by the exchange of findings and comparison of percentages among restaurant operators.

McKinsey (41) stated that percentages, other than food cost and labor cost, may also be analyzed in detail. However, the general tendency is to keep the profit and loss statement brief and to supplement it with detailed reports.

Brodner and co-workers (10) recommended that the accounting system might facilitate the preparation of a comparative profit and loss statement. Such a statement encourages the comparisons of percentages for specified periods. Comparisons with corresponding months of previous years may be easily shown. Operating percentages of the current fiscal year to date may be readily compared with those of the prior fiscal year to date. The relative value of these comparisons must be determined by the operator.

Many operators avoid calculating and presenting percentages on the profit and loss statement. Forster (28)

indicated that the thought of computing percentages is terrifying to some individuals. Yet knowledge of these percentages might be the most helpful management tool which these operators could possess. Brodner and co-workers (10) maintained that the profit and loss statement should provide for a simple computation and comparison of the percentages which might indicate the areas in which further analysis and remedial measures are necessary.

#### Labor Costs

Horwath and Horwath (35) maintained that the managerial wage should be included in the salaries and wages figure. All other costs incurred in connection with employees, according to these authorities, should also be included under the Labor Costs section of the profit and loss statement. These costs may be distributed over accounts such as salaries and wages, social security taxes, compensation insurance, employee benefits and employees' meals.

The general tendency, indicated by the Harris, Kerr, Forster and Company (32) studies on pin-pointing profits, is to present the various labor costs in sequence on the profit and loss statement. The percentages are individually computed and presented for each of these costs.

#### Managerial wage

Ashe (3) reported that it is common for small operators to mistake for business profits the wages which they have actually earned but which they have omitted from payroll records. When the operator realizes that a profit should represent returns over and above a compensation for personal services, he has made the first important step toward analyzing his business with a view to attaining a profit-on-investment figure. Ashe explained that income tax regulations prohibit the deduction of salaries of proprietors as an expense item in arriving at profit or loss. However, the profit figure is exaggerated when the managerial wage is omitted from the labor cost.

Horwath and Horwath (35) and Brodner and co-workers (10) agreed that if the proprietor is active in the business, a reasonable amount should be included in the labor figure for his services. This figure should not exceed the amount which would be paid to another person employed to perform the same services. It is evident that the only way to arrive at a realistic labor figure on the profit and loss statement is to include a fair wage figure for the proprietor commensurate with the services he contributes to the business.

#### Employees' meals

Horwath and Horwath (35) indicated that it is unnecessary for small restaurants to show a separate expense classification on the profit and loss statement for the estimated cost of the employees' meals and a comparable deduction from the food cost. Rothman (62) seriously objected to the practice of recording as sales the value of meals furnished employees without actual charge. Such a practice would increase such expenses as sales taxes and rental charges if these are computed on the basis of In addition, the inflation of the sales figures sales. would affect the validity of all operating cost percentages. The food cost percentage is, for many operators, the most important basis for comparison of operating efficiency of one organization with another. If methods of accounting vary, comparisons may be misleading and confusing. When employees actually pay for their meals, Rothman suggested that this payment be included in the gross receipts.

## Inventory Practices

Brodner (8) and Stokes (68) related that sound accounting methods require physical inventories at monthly intervals. The National Association of Cost Accountants (48)

emphasized that the net change in inventory values affects the cost of the goods sold. Every dollar added to or deducted from the inventory is a dollar added to or deducted from profits. This effect is readily understood but frequently not fully appreciated. Carlson (14) found that 8 of the 20 Michigan resorts which she studied reported that no monthly inventory of foods was taken.

The National Association of Cost Accountants (48) emphasized the importance of proper inventory procedures with the following statement:

Inventories have been called the 'graveyard of American business' because they have so frequently been the prime cause of business failures. Either they have been allowed to grow to unwieldy and impossible size, with consequent loss of liquidity and impaired current position; they have contained an ill-assortment of poorly chosen or obsolete goods which have suffered tragic losses in value or are quite unsaleable; or price speculations have been undertaken with disastrous results.

Since 1942 an added stimulus to inventory taking has been provided by the federal government. Ceiling Price Regulation 134 (9, 52) requires that the restaurant operator prepare a record of the inventory of food and beverages at the end of each designated quarter. This record must be kept available for inspection for two years. Schensul (4) and Brodner and co-workers (10) advocated the maintenance of perpetual inventory records

in addition to periodic physical inventories. In a survey of opinions of prominent restaurant operators, conducted by American Restaurant Magazine, Schensul stated that he considered perpetual inventory and stock control essential to tight cost control methods. Perpetual inventory records may help to decrease theft, reduce the amount of dead items and spoilage on the storeroom shelves, make possible daily food cost calculation, encourage employees to be business conscious and facilitate effective buying.

Brodner and co-workers (10) added that perpetual inventories may also serve as references in ordering, aid in menu making, show amounts of low and high cost foods consumed and eliminate the necessity for taking monthly inventories. However, they acknowledge that it is unusual for restaurants to maintain perpetual inventory records of all food stocks.

## Depreciation

Ashe (2) estimated that 50 to 75 per cent of the investment of the typical restaurant may be in the form of depreciating assets. If this business investment is to remain unimpaired, the operator must recognize the depreciation of these assets. Dahl (19) noted that this

investment in equipment challenges the financial soundness of a restaurant conducted on a bash basis. Brodner (8) pointed out that depreciation expense should not be ignored or considered only as a legitimate deduction from profit for income tax purposes. The normal wear and tear on equipment may be very expensive. Ashe (2) warned that the depreciation allowable for income tax purposes may be insufficient to keep the investment unimpaired at current high replacement costs. Brodner (8) concluded that some reasonable deduction for depreciation must be shown on the profit and loss statement.

# Bookkeeping Procedures

Many operators do not keep adequate records. The United States Department of Commerce (67) conducted a survey of the record keeping procedures employed by small businessmen in Philadelphia. The results of the study are summarized in the following table.

Types of records maintained	Per cent of total
No business records at all	28
Files of bills only	15
Some form of single entry recor	ds 49
Full sets of double entry books	8
Tota	100

Primary reasons given for the lack of satisfactory records were the excess work load of the proprietor and the lack of time, knowledge and patience.

Since many small businessmen cannot afford the services of a full time bookkeeper, the keeping of business records is neglected. In the study previously cited, only 7 per cent of the Philadelphia businessmen who kept records employed a full time bookkeeper.

#### Simplicity

McMahon (42) maintained that the major function of accounting is to aid management in achieving its objectives. It is a means to an end, not an end in itself. Brodner (9) admitted that undoubtedly some systems fall of their own burdensome weight. Stokes (68) emphasized that the profit and loss statement should be simple and tailored to the needs of the particular operation.

Truempy II (69) felt that designing accounting systems for the small operation is a challenge. The system must, of necessity, be kept as simplified as possible. Yet, it must provide the financial information essential for sound management.

McNamara (43) stressed that accounting systems should provide for a presentation of the food cost within 10 days

after the end of the accounting period. Brodner and coworkers (10) concluded that useful, informative operational data must be provided as quickly as possible so that necessary corrective measures can be taken to assure effective control.

### METHOD OF PROCEDURE

# Operations Studied

Since the 1948 census showed that 96.7 per cent of all eating and drinking places in Michigan were single units, this study was limited to this kind of operation.\*

The YMCA and YWCA food services were included since they are independently operated. It was felt that the operations studied were representative of the eating places in Michigan. However, the sample was not large enough (.21 per cent of the total number of eating places in Michigan in 1948) to warrant statistical analysis.

The practices followed in the preparation of profit and loss statements of the following commercial food service operations were studied.

- 1. Arizona Restaurant
- 2. Bennetts
- 3. Benny's Drive-In
- 4. Bill's Lunch

<sup>\*</sup> The bureau of the census classed a store as a single unit if it was operated by a firm which operates only one store, or no other store in the same general kind of business as the store concerned (72, 73).

- 5. The Crest Restaurant
- 6. Curtis-Everett Company
- 7. Estill's Cafeteria
- 8. Famous Grill Inc.
- 9. Hollister Coffee Shop
- 10. The Jack Pot Incorporated
- 11. Nuggett Dairy Grill
- 12. Odam's Dining Room
- 13. Pagoda
- 14. Varsity Drive-In
- 15. YMCA
- 16. YWCA

This study was limited to restaurants in the vicinity of Lansing, Michigan to provide opportunity to use the personal interview technique.

### The Interview

Personal interviews were conducted to obtain accurate information from the operators. The interview guide, which the interviewer used to assist him in directing the interview, is included on the following page.

The interview was begun with a brief, informal introduction. Detailed introductions were avoided since it was felt that they might confuse the operator and delay

# Interview Guide

NAME	How often profit and statement p	d loss	Does the percentage base include the sales tax?		
ITEMS INCLUDED ON THE PROFIT AND LOSS STATE.	HOW OFTEN EXPENSE CALCULATED	HOW OFTEN % PRESENTED	HOW OFTEN % COMPARED		
FOOD COST (extent of detail presented)					
		-	-		
LABOR COST Proprietor's was Management's P/I	ge included? R tax contrib	— oution inclu	ded?		
OTHER EXPENSES (extent of detail presented	i)		•		
	direction.	-			
-		-			
-	·	Margaret .	-	-	
Employees' meal:	s?	Stations.			
Depreciation?			-		
Actual food cost	<b>6</b>	Act	tual Labor Co	st %	
How often inventor Perpetual inventor			t amount shelves?		
Who prepares the s Who set up the acc	statement?	Doubtem now in us	ble entry?		
\$ volume of busine	988		•		
Check book kept? How are bills paid	Cash	n disbursemen	nts book kept	?	
How are menu price	es set?				

the establishment of rapport. The questionnaire was not introduced until the interview had proceeded to the point at which the interviewer felt that this could be done informally. The need for this discretion varied with individual operators. The interviewer received the general impression that the operator who was aware of the practices he should be observing but which he was not following, was the operator who required the most informal approach. In no case was the questionnaire introduced before rapport appeared to be established.

When the progress of the interview led to a particular sequence of questions, that natural order was followed. The tone of the interview was kept informal in the hope that frank answers would be elicited.

Examination of the Profit and Loss Statements

The interviewer obtained permission to examine the forms used for presenting profit and loss statements. Bingham and Moore (5) asserted that the straight forward statement of purpose, followed with reasonable requests, is generally the most effective means of securing information which might be considered somewhat confidential. This approach was employed by the interviewer.

The profit and loss statements were studied to support the questions answered in the interview, to procure details which the operator had not been able to recall and to reduce the possibility of confusion in terminology. These inquiries were an aid in the accurate recording of data since information such as the treatment of sales tax and the extent of detail presented on the profit and loss statements were usually obvious from a perusal of these statements.

### DISCUSSION OF RESULTS

Some of the operators requested that the information which they provided be treated as confidential. Since the identification of any particular operation with the practices employed would be valueless, the names of participating operations will not be used in this discussion.

The statements of 12 operations were examined. In some instances it was possible to collect the desired information without seeing the statements, but it would have been impossible in other situations to collect accurate information without examining the results of a certified audit. A summary of the information obtained from the operators is presented in Table 5 in the Appendix.

Frequency of Preparation of Profit and Loss Statements

Thirteen of the operations prepared monthly profit and loss statements. One operation prepared statements once every four weeks. This four week statement was supplemented by a weekly statement which did not take inventory changes into consideration. One operation prepared statements three times a year, and one operation prepared them twice a year.

# Expense Distribution

Twelve of the operators' statements were examined.

Each of these statements presented food cost as a deduction from sales to present a gross profit figure. Three of these statements presented a distribution of the food cost into 5, 6 and 2 classifications respectively. Four of the operators prepared occasional food cost distributions but did not include them on the profit and loss statement.

Each of the statements examined presented salaries and wages as a separate expense classification. Ten of the 12 statements examined presented no particular arrangement of the other expenses. Judging from the results of the personal interview, the investigator concluded that the statements of the four operations not examined probably followed this pattern also.

The eleventh statement classified expenses under two groupings, non-controllable expenses and controllable expenses. The twelfth statement studied presented miscellaneous income and expense as an adjustment in net operating profit.

Food and labor expenses are excluded from the balance of this discussion of expense distribution. The sales tax is included in the following discussion for those cases in which it was treated as an expense on the profit and loss statement.

The number of expense classifications on the statements varied from 7 to 30. Table 5 provides a more detailed
presentation of the expense classifications employed by the
operators. Practices varied from operation to operation.
The operations with the greatest volume of sales generally
employed the larger number of expense classifications.

## Comparative Figures

Fifteen of the operators indicated that they computed monthly or weekly food cost and labor cost percentages, although these percentages were not necessarily presented on the profit and loss statements each time the statements were prepared.

Eleven of the operators who computed their food cost percentages presented their statements for examination by the interviewer. The following discussion refers only to those percentages which were presented on the profit and loss statement each time the statement was prepared.

Ten of these 11 operators presented food cost percentages on their profit and loss statements. Nine of these 10 operators also presented the labor cost percentages on their statements. Nine of the 12 statements examined presented both food cost and labor cost percentages.

Four of these 9 statements also presented percentages for each of the other expenses shown on the statement. Three of these 4 statements represented operations which had estimated gross sales of \$100,000 or more during 1951.

A fifth statement presented percentages for maintenance, rent, depreciation, utilities, insurance and telephone expenses. A sixth statement presented one percentage figure for the total of all of the operating expenses.

Three of the 9 statements examined, which presented both food cost and labor cost percentages, did not regularly present any other percentage computations.

# Percentage base

Ten of the 12 statements examined presented percentages on the statements. Six of these 10 statements included receipts from sales tax in the percentage base. One of these six statements excluded miscellaneous income from this base and presented miscellaneous income as an adjustment to the net operating profit.

The seventh statement presented juke box receipts as an addition to the gross profit figure. However, the only form of miscellaneous income which was not included in the percentage base was income from the juke box. This

statement included the employees' meal allowances in the base figure.

The other 3 of these 10 statements included miscellaneous income in the base figure. In no instance did any of these 10 statements present a percentage base which did not include either miscellaneous income or sales tax collections or the employees' meals allowances.

# Influence on managerial action

It was difficult to estimate the influence of the profit and loss statements upon managerial action. Fifteen of the operators computed their food cost and labor cost percentages each month. This did not indicate the number of operators who based corrective action upon monthly comparisons of the food cost and labor cost percentages nor did it indicate the number of operators who utilized their statements to facilitate those comparisons.

Table 1 presents the variations of the food cost percentage indicated by the operators as tolerable.

Table 1 also presents the food cost percentages intended by the operators and those attained by the operators according to statements examined by the interviewer.

Table 1. Food cost percentages. Cost of employees' meals was deducted from food cost figures marked by \*.

Operation	Food	Food cost percentages					
Code number	Intended	Actual	Increase indicated as tolerable				
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	40-45 40 38-40 - - 40 45 42-43 - - 50 - 40 40 47 implied	53 40-42 40.1 over 50 49-52 41 45 42 *44 - *47-50 47 50 47 50 47.8	2 2 2 - - 1 over 43 - over 54 - - over 50 over 47				

Four of the 6 operators who attained a food cost percentage of 45 or less indicated an increase of the food cost percentage which they felt to be tolerable. These particular expressed percentages indicated that the operators felt a percentage exceeding 45 or varying more than 2 was not tolerable. Five of these 6 operators had indicated a food cost percentage which they considered desirable. This implied that the operators who attained

food cost percentages of 45 or less employed percentages to guide them in the management of their operations.

The other 9 operators, who determined food cost percentages, reported actual percentages of 47 or above. Only 3 of these operators had indicated increases which they felt to be tolerable. Only 5 indicated a food cost percentage range which they considered desirable. The intended percentages were either high or seemed to be only an expression of the 40 per cent food cost which the operators felt would be considered an acceptable standard. This information seemed to indicate that the operators who had high food cost percentages were not making effective use of food cost percentages as management aids.

Table 2 presents the labor cost range indicated by the operators as tolerable. Table 2 also presents the labor cost percentages intended by the operators and those attained by the operators according to the statements examined by the interviewer.

A discussion of labor costs comparable to that given for food cost percentages is not practical because of the bias introduced by the exclusion of managerial wages from the labor cost percentages. However, it should be noted that a range from 18 to 50 was reported in the labor cost percentages.

Table 2. Labor cost percentages. Managerial wage was not included in the labor cost figures marked by \*.

Operation	Labo	Labor cost percentages						
Code number	Intended	Actual	Range indicated as tolerable					
1 - 2 - 3 25 4 - 5 25 6 - 7 31-32 8 47 9 - 10 - 11 - 12	25 - 31-32	*25 *38 *25-26 *35 30 37.6 32 47-50 *27 *18 30	- 2 - - - 2 over 50 2 over 34 5					
13 14 15 16	25 -	<b>*21</b> <b>*37</b> <b>*</b> 20 <b>*2</b> 5	over 20 over 25					

There was some evidence of inability of various operators to utilize the profit and loss statement as a basis for corrective action. This was suggested by some of the high labor cost percentages reported and the 12 per cent difference found between desired and experienced percentages in one operation.

The sums of the actual food cost and labor cost percentages are presented in Table 3. These sums indicate

Table 3. Sums of the actual food cost and labor cost percentages. Managerial wage was not included in the cost figures marked by \*.

Operation code number	Sum of the actual food cost and labor cost percentages
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	*78 *78-80 *65.1-66.1 *85 79-82 78.6 77 89-92 *71 - 77-80 *67 *71 *84 *70 *72.8

the dangerous financial condition of several operations. Food and labor cost percentages totaling 80 or more, excluding managerial wage as a labor expense, and corresponding percentages of 90 or more, including managerial wage, may indicate inadequate managerial control.

The interviewer had the impression that 5 of the 16 operators interviewed maintained up-to-date statements of profit and loss, based on periods of a month or 4 weeks, which they realistically utilized to compare food cost and

labor cost percentages of different operating periods. Four of these 5 operations reported estimated gross sales of more than \$100,000 in 1951.

Three operators indicated that other expense percentages were regularly compared. One operator said he gave special attention to utilities, advertising, and laundry expenses. He considered 2.5 per cent a desirable level for advertising expense and 0.5 per cent the maximum variation which he felt permissible.

The second operator stated that he felt 0.5 per cent was the maximum laundry expense variation allowable. The third operator gave special attention to maintenance, rent, depreciation, utilities, insurance and telephone. This operator did not express any specific variations which he felt were critical. Two of these three operators reported estimated gross sales of more than \$100,000 in 1951.

From the findings of this study it appeared that the small operators may not have utilized their profit and loss statements as comparative aids in the management of their operations.

### Labor Costs

One operator included the cost of the employer's payroll tax contributions in the salaries and wages figure

and in the labor cost percentage. None of the other operators included their payroll tax contributions in either of these figures.

Every figure for salaries and wages presented on the profit and loss statements represented the expense which was the base for the labor cost percentage.

# Managerial wage

Eleven of the operators did not include a wage for the proprietor in the figure for salaries and wages. This seriously distorted labor cost percentages for comparative purposes. Every operator who attained a labor cost percentage of 27 or less had omitted a wage for the proprietor in the labor cost figure.

Five of the 6 operators who attained a labor cost percentage of 25 or less reported operations in which the estimated gross sales were less than \$60,000 in 1951.

Five of the 7 operators who reported estimated gross sales of \$60,000 or less in 1951 attained a labor cost percentage of 25 or less. Only one of the operators who reported estimated gross sales of more than \$60,000 in 1951 attained a labor cost percentage of 25 or less.

This implied that perhaps the lower labor cost percentages represented were attributable to the exclusion of the wages of management from the labor cost figure rather than to efficient operating methods.

# Employees' meals

One operator included the employees' meal allowances in the figure for salaries and wages and in the labor cost percentage. The sales were increased proportionately to compensate for the increase in the recorded labor cost.

Another operator included the amount of the employees' meal allowances in the salaries and wages figure and compensated for this charge by deducting a like amount from the food cost on the profit and loss statement. This operator was the only one who presented the employees' meal allowance on the statement in a form which distinguished this allowance from the other expenses.

A third operator charged the employees a fixed amount each week for the meals eaten on the premises. The amount of this charge was deducted from the food cost.

A fourth operator paid his employees a weekly stipend in lieu of a meal allowance. This additional payment was included in the salaries and wages figure and in the labor cost percentage. These employees purchased the items they desired at the regular sales price. These sales were recorded as regular customer cash sales.

None of the other operators included the employees' meal allowances in the salaries and wages figure, in the labor cost percentage or in the sales figure.

# Inventory Fractices

Only one operator maintained a perpetual inventory. This inventory was used in the computation of food cost percentages independent of figures on the profit and loss statement. The inventory presented on the profit and loss statement was a fixed figure which remained constant from month to month. This operator readily admitted that he did not consider the profit and loss statement of any value to him in controlling his costs. The profit and loss statement was prepared solely to meet government regulations.

The frequencies with which physical inventories were taken are recorded in Table 4.

Table 4. Frequency of calculation of physical inventories.

Inventory figure marked by \* was not presented on the profit and loss statement.

		Inventory			intervals		s	
	l Wk	4 wk	l mo	3 mo	4 mo	6 mo	l yr	indefinite
Number of operators who observed given intervals	3 <b>*</b> 1	1	5	3	1	0	2	3

Six of the operators did not comply with the Office of Price Stabilization regulations which require that a quarterly inventory be taken.

To explain the infrequent calculation of physical inventories the operators indicated that they did not have sufficient time and that their inventory value did not fluctuate from month to month. The validity of the argument that a constant inventory was maintained was questionable. One of the operators who regularly calculated inventories estimated value fluctuations of \$200. Three more operators estimated value fluctuations of plus or minus \$200 to \$300. Another of the operators estimated value fluctuations of \$1,000 from month to month. These fluctuations could render food cost percentages useless as managerial aids.

# Depreciation

Fourteen of the operators computed depreciation at least once a year. Eight of the statements examined by the interviewer presented depreciation each time the statement was prepared. The statements of the other six operators presented depreciation once a year.

## Bookkeeping Procedures

Three of the food service operations employed the bookkeeping services of the organization from which the premises were leased. In this report these food services have been included among those which use the services of a bookkeeping agency. Eleven of the operations, including the organizations just described, employed the services of bookkeeping agencies to maintain their records and prepare periodical statements. Three of these operations supplemented the information provided on these statements with information provided by the operator or his wife. Five of these operations had estimated gross sales which exceeded \$100,000 in 1951.

Three of the operations relied upon the operator or his wife to assume all of the responsibility for the record keeping of the operation. The two other operations hired bookkeepers to maintain all of the records of the operation.

The profit and loss statement which was prepared for one of the organizations was based on records which had been maintained on a single entry basis. The other profit and loss statements were based on records which had been maintained on a double entry basis, the system generally preferred by bookkeeping agencies which prepared statements for 11 of the organizations.

All of the operations maintained checkbooks. However, the only operations which maintained any other form of cash disbursement books were those which assumed part or all of the responsibility for presenting complete periodical profit and loss statements.

Three of the 11 operations which employed the services of a bookkeeping agency submitted all of their paid bills once a week to that agency to be recorded. Seven of the 11 operations submitted their paid bills once a month to be recorded. The eleventh operation recorded its own bills with the exception of rent and payroll which were computed and recorded by the bookkeeping agency.

Fifteen of the operators designated the frequency with which most of the bills were paid. Six of these operators reported that bills were paid when the goods were delivered. Four reported that bills were paid weekly, and the other 5 reported that bills were paid once a month.

#### Food Service Record Book

A simplified record book, planned to facilitate the preparation of a periodical profit and loss statement, was prepared by the investigator in this study. The limitations presented by the data from this study were considered in the

design of this record book. An attempt was made to present a system so simplified that the operator may maintain his own records with a minimum of time and effort and yet arrive with a meaningful profit and loss statement.

The tentative book was planned for mimeographing on 8.5 inch by 15 inch paper. In setting up an acceptable record book two chief objectives were to minimize the amount of the explanation necessary and to present directions so comprehensive that personal contact would not be necessary to introduce the system.

A single entry system is presented. It could be converted easily to a double entry system by persons who prefer to maintain double entry records.

### Simplicity

This system has adopted a coding procedure to enable the operator who is unfamiliar with record keeping procedures to maintain his own records. This procedure was intended to eliminate the necessity of study by the operator of a text on bookkeeping principles and procedures.

# Frequency

Provision has been made for daily recording of receipts and expenditures. The frequency of recording

could be modified to meet the bookkeeping policies which the individual operators might wish to adopt. Provision has also been made for recording bills which might be unpaid at the end of each accounting period. Such a provision makes allowances for the preparation of a more accurate profit and loss statement than does a system which is based solely on cash transactions.

This system has been set up to provide a monthly profit and loss statement. However, any desired accounting period may be represented by the profit and loss statement if separate receipts and disbursements records are maintained for each period.

The profit and loss statement form provides for the presentation of three monthly profit and loss statements in addition to the quarterly statement. Since the Office of Price Stabilization requires that quarterly records be maintained, the inclusion of this quarterly statement seemed advisable.

# Expense distribution

This system allows for 13 expense classifications in addition to sales tax, food cost, payroll, employer's payroll tax contributions and depreciation expense classifications.

Additional expense distributions may be employed by the operator who wishes to extend his current purchases and expenses form to provide more columns for expense distribution.

No provision has been made for the distribution of food purchases into detailed expense classifications. This may be accomplished, if desired, by the substitution of food classification columns for expense classification columns on the current purchases and expenses sheet.

The proposed system advocates that a checkbook be maintained to provide a record of the cash balance in the bank and a supplementary record of cash disbursements.

This should make it possible to compare the cash balance presented on the cash receipts sheet with the cash on hand.

### Comparative figures

This system provides for the monthly and quarterly computation, presentation and comparison of the percentage of food cost, payroll cost and various other costs of operation.

Sales taxes and miscellaneous income are automatically eliminated from the percentage base. This should facilitate comparison with the operating percentages reported by

commercial food service operators from all regions of the United States.

### Labor costs

This system presents payroll cost and the employer's payroll tax contributions as separate but subsequent expenses on the profit and loss statement.

The proposed system recommends that the managerial wage be included in the payroll cost shown on the profit and loss statement.

No provision has been included in the record book for a separate presentation of the cost of the employees' meals on the profit and loss statement.

## Inventory practices

The proposed system encourages the presentation of the value of the current inventory on the monthly profit and loss statement. A sample inventory sheet has been included in the record book. Provision has been made for the inclusion of inventories on both the monthly and the quarterly profit and loss statements.

## Depreciation

This sample record book includes a depreciation schedule and instructions for the calculation of monthly

depreciation. A depreciation expense classification has been included on the profit and loss statement.

### SUMMARY AND RECOMMENDATIONS

Adequate records are important contributing factors in the successful management of a business organization. This investigation was conducted with the hope that the findings might serve as a basis for setting up a modified bookkeeping system which would be practical, workable and acceptable to the commercial food service operators in Michigan.

The practices of selected Lansing commercial food service operators in the preparation of profit and loss statements were studied. To acquire accurate information personal interviews were conducted with 16 individual operators. The profit and loss statements of 12 of the operations were also examined.

Fourteen of the operations prepared statements monthly or once every four weeks. Each of the statements examined presented food cost and salaries and wages expenses. The number of other expense classifications presented on the statements varied from 7 to 30.

Nine of the 12 statements examined presented both food cost and labor cost percentages each time the statement was prepared. Three of these statements presented

no other expense percentages regularly. A variety of practices were employed in the inclusion of items such as miscellaneous income, sales tax collections and employees' meal allowances in the percentage base.

The influence of the profit and loss statement on managerial action is difficult to estimate. However, the results of the study seemed to indicate that those operators who had high food cost percentages were not making effective use of the information on the profit and loss statement as management aids. In addition, the labor cost percentages indicated an inability of various operators to utilize the profit and loss statement as an aid in the control of labor costs.

The sums of the actual food cost and labor cost percentages indicated the dangerous financial condition of several operations. From the findings of this study it appeared that the small operators may not have utilized their profit and loss statement as a comparative aid in the management of their operations.

Every figure for salaries and wages presented on the profit and loss statements represented the expense which was the base for the labor cost percentage. Eleven of the operators did not include a wage for the proprietor in the

figure for salaries and wages. There was an implication that the low labor cost percentages reported were attributable to the exclusion of the wages of management from the labor cost figure rather than to efficient operating methods. Twelve of the operators excluded the employees' meal allowances from the salaries and wages figure, the labor cost percentage and the sales figure.

None of the operators maintained a perpetual inventory which was represented on the profit and loss statements. Six of the operators did not comply with the Office of Price Stabilization regulations which require that a quarterly inventory be taken. Six of the operators took an inventory at least once a month to provide a current inventory figure for the profit and loss statement.

The statements of 14 of the operations included a depreciation allowance at least once a year. Eight of the statements examined by the interviewer included depreciation allowance each time the statement was prepared.

Eleven of the operations employed the services of bookkeeping agencies to prepare periodical statements. Two of the other operations employed bookkeepers to maintain all records of the operations. Therefore, it was not surprising that 15 of the operations had statements which were based on double entry records.

A simplified record book, planned to facilitate the preparation of a periodical profit and loss statement, was designed by the investigator in this study. The limitations presented by the data from this study were considered in the design of this record book.

An additional study might be conducted to determine the adaptability of the proposed record book to small commercial food service operations in Michigan. The simplified record book presented, or a modification of it, might be tested to determine the extent to which it is practical, workable and acceptable to the small commercial food service operator. Seasonal operations, such as resorts, might be desirable organizations in which to conduct this study. In these seasonal operations the proposed system could be introduced before the season begins. These operations might provide a short cycle for a convenient testing basis.

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#### APPENDIX

Table 5 Summary of information obtained from selected Lansing commercial food service operators

			***********		1,0		One garage and a suppression of	to the Difference of the Control of		,	3						
Operation Code Number		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Statement Presentation	and a second second second	,	ging the deviation of the control countries the deviation of the control countries the control countries the count	Profit (SE or Co. ) Significant of a compage		tive the first control of the late of the transport of the late of	-								-	The state of the s	
Frequency of Statements																	
l week						x											
4 weeks						x											
1 month		x	x	x	x		x	x	x	x	x	x	-	-	_		
4 months							25	2	Δ.	_	Α.	Y	X	X	x		
6 months																x	X
Examined by Interviewer	yes	x	x	x		x	x	x	x	x	x		x	x			
	no				x		-		26	46	all.	x	_	Δ.	x	x	X
Prepared Primarily as	yes		x								x						
Government Requirement	no	x		x	x	x	x	x	x	x	_	x	x	x	~	**	x
Details Shown on Stateme	nt																44
Food Cost	yes	x	x	x	x	~		_	-								
Labor Cost	yes		X	X	X	x	x	x	X	x	X	X	x	X	x	X	X
	900	215	224	Δ.		Δ.	X	X	x	x	x	X	x	x	x	X	x
Food Costs Recorded																	
On statement		1	1	1	1	5	1	6	1	2	1	7	7	-	-		
Computed but not on					_		-	· ·	-	2	1	1	1	1	1	60	1
statement		14	11	0.	0	0	9	0	0	0	0	0	0	0	0	7	0
Other Expense:																,	0
Classifications		7 7	3.77	_		- 1.											
Classification groupin	and.	17	17	9		14	28	30	16	25	9		16	7		ents	26
ozenstrication groupin	Ra	0	0	0	-	0	0	0	0	2	0	-	2	Ó	-	-	0
Monthly Computations																	
Food Cost Percentage	yes	x	x	x	x	weekly &		_									
	no			-	alla.	4-weekly	x	x	X	X	x	x	X	x	x	x	x
Presented on	TTAG	fear		- 2													
statement	yes	X	X	X		X		x	X	x		-	x	x		-	x
	110				X		X				x				x		
Labor Cost Percentage	yes	x	x	x	x	weekly &	x	_	_								
	no		-	<b>4</b> 2		4-weekly	Δ.	x	x	x	x	X	x	x	x	x	x
Presented on	yes		_	_													
statement	no		x	X		x		x	X	X			x	x		-	x
	110	x			x		X				x				x		
Other Expense Percentage	s	0	0	0	0	14	0	70	0								
					0	74	0	30	0	l-for	0	0	6	7	0	-	26
										total							
Statements Compared										expenses							
Every statement		x		x	-	x		_									
Never			x	35		A		x	X	x		X	X		605	-	x
Whenever brought up to	date						-				X			x			
0							X										

Table 5 (Continued)

Operation Code Number		1	2	3	7†	5	6	7	8	9	10	11	12	13	14	15	16
Percentages Percentage Base Includes		Minimum and Landon parts							ing make the first suppression report	edianatio della esi eti en madrino glimi di gritta redicon	udini semuatan dan depinonesis dan unaphan			Annone annough con			
Miscellaneous income	yes	x	x	X	400	x	x	recov. or		x	-	-	x-except juke box	x	-	-	x
								bad checl	cs								
Employees meal	yes									x			x				
allowances	no	X	X	X	x	x	X	x	x			x		x	x	x	x
Sales tax	yes	x	x	x	-	x	x	x	x	x	-	-		x	-	-	x
Ome and a second													X				
Percentages Compared Food cost	yes	x	<b>X</b> ,	x	x	x	x	x	x	x		x	x		x	x	x
	110										x			x			
Labor cost	yes no	x	x	x	x	x	x	x	x	x	x	x	x	x	X	x	<b>X</b>
Other (specific)		0	0	0	0	all		utilities laundry	0	0	0		maintenance rent, phone	0	0	-	laundry
								advertisi	lg				utilities insurance				
Food Cost Percentages Intended Actual *Employees*		40-45	40	38-40	_		40	45	42-43	***	-	50	depreciatio	n -	40	40	47 implie
meal cost excluded		53	40-42	40.1	over 50	49-52	41	45	42	*)†)†			N				
Increase indicated as tolerable		-	2	2	=	- )- )-		1	over 43	one .	-	*47-50 over 54		50	47	50 <b>over</b> 50	47.8 over 47
abor Cost Percentages Intended		-	-	25		25		77 70	11-7							)0	.1
Actual *Managerial wage excluded		*25	*38	*25-26	*35	25 30	37.6	31 <b>-</b> 32 32	47 4 <b>7-</b> 50	*27	*18	30	*20	*21	25 *37	*20	*25
Increase indicated as tolerable		-	ems	2	ess	-	rest.	<u> </u>	over 50	2	-	over 34	5	-	-	over	over
Labor Costs Employer's Payroll Taxes	yes															20	25
Included	no	x	x	x	x	x	x	x	x	x	x	x	x	-	x	ens	x
Employees Meal Expense Shown on Statement	yes no	x	x	x		x	x	x	x	x	x	70"	part of labor cost				
Employees Pay for Meals	yes				-	-					-0.	x	Tabol Cost	X	-		x
Eaten	no	X	x	x			x	x	x	x	x		x	x	-	***	x

Table 5 (Continued)

Operation Code Number		1	2	3	jŧ	5	6	7	8	9	10	11	12	13	14	15	16
Inventory Practices						***************************************		Annual Control of the		nicolatin biologic is at in attenues again.						and a second angle and a second as	
Frequency of Physical Inv	rentory														~		
l week			X														
4 weeks 1 month						x											
3 months				77			X	x	X			X	X				
4 months				X						X					X		
12 months					x												X
None taken		x									x			-		X	
										. ,	Δ.			X			
Constant Maintained	yes	empo		1										x			
	no		x	\$1,300-	X	x	\$ 700-	\$ 9,000-	\$1,000-	x	x	\$4,000-	x	41.	x	x	x
				1,700			1,300	10,000	1,200			5,200				-	
Perpetual Maintained			1.	-													
cree dar maintained	yes	x	X (1	However a	constant												
	110	-AL		X	X	x	X	x	X	x	X	X	x	x	x	X	x
Records Maintained																,	
Statement Based on	yes	x	x	x	x	x	x	x	x	x	x	_					
Double Entry Records	no				-			afile	d'b.			X	x	x	x		X
																X	
Statement Prepared by:											* 1						
Bookkeeping agency		X	X	x			x	x	x	x	x			x	x		x
Bookkeeper Operator or wife					x	x											-
oberator or wile				x			x		X			x	x			x	
Primary Period of Bill																	
Payment:																	
Upon delivery		x	x		eeb												
Weekly					-	x				x	x		x	x	X	X	
Monthly				x	-		x	x	x	die		x					X
Other Bearing W.														**	Y		
Other Records Kept Check book																	
OHECK DOOK	yes	x	X	x	X	X	x	x	X	x	x	x	x	x	x	x	x
Cash disbursements	yes				_												
book	no	x	x	x	x	X	_		_			x	x			x	
							x	x	x	x	x			x	x		x
Disbursement Recording Pe	eriod																
Daily					***	x											
Weekly		x									x				x	***	
Bi-monthly Monthly													x		Δ.		
WOII OIIT A			x	x			x	x	x	x				x			x

#### FOOD SERVICE RECORD BOOK

CASHIER'S DA	ILY RE	PORT	Date	
New reading Less: Old reading	\$\$	Ending balance	cash e on hand (10)	\$
Gives: Total receipts (6)	\$	Ending coun (list		\$
Add: Balance-cash on hand at beginning of day	ıg \$	Cash o	ver* or (9)	\$
TOTAL	\$	and c	cash over as ash under (sho	
Deduct: Cash paid out () (listed on back Bank Deposits () TOTAL DEDUCTIONS	3) \$			
Gives: Ending cash bals on hand (10)	ance \$			
Receipts Summary Meals: Breakfast Lunch Dinner		Amount \$ \$ \$ \$ \$ \$ \$ \$ \$	Guest C	ount
TOTAL	(1)	\$	-	
Candy & Tobacco Misc. Sales	(2) (3)	\$	Weather	
TOTAL SALES	(4)	\$	Comments	
			ao mmora o o	
Other Receipts	(5)	\$	TO MINISTER OF STREET	

#### FOOD SERVICE RECORD BOOK

This book intends to furnish a complete, yet compact, picture of the results of the year's operations. Certain columns are numbered. The totals of these columns are to be carried to the indicated forms. Place these totals next to the corresponding number of the column from which they were taken. Follow the instructions on each form. You will automatically have a detailed monthly PROFIT AND LOSS STATEMENT.

CHECK BOOK It is recommended that a check book be kept. All checks drawn, and all deposits made, should be shown on your check book stub in order to have an accurate check on cash.

#### RECORDS OF INCOME AND EXPENSE

CASHIER'S DAILY REPORT This is the source of CASH RECEIPTS BOOK ENTRIES. List and describe, on the back of the report, all payments made from the drawer. These are all cash payments not made by check. List and describe all cash receipts. This includes money received on loan.

CASH RECEIPTS Enter daily receipts from CASHIER'S DAILY REPORT, (column 1-6). Enter under "Drawer Payments" (column 7) the total of all cash payments not made by check. This includes payroll, if it is paid from cash on hand. Treat "Cash Over" (column 9) as income and "Cash Under" (show in red) as expense. This will give you a balance (column 10) which agrees with the actual cash count at the end of the day. Be sure to show receipts from non-taxable transactions (loans, etc.) in "Other Receipts" (column 5) rather than in "Misc. Sales" (column 3). Carry the monthly totals of columns 1, 2, 3, and 9 to the monthly PROFIT AND LOSS STATEMENT.

CURRENT PURCHASES AND EXPENSES Record and distribute all current (this month's) expenses as they are paid, either from cash on hand or by check. A general guide to operating percentages and a general guide to food costs are given on the following page. Compare these percentages to your monthly PROFIT AND LOSS STATEMENT. Omit payroll and payroll tax payments. Carry them to the PROFIT AND LOSS STATEMENT directly from your PAYROLL REGISTER. Omit payments on bills which were listed on the previous month's CURRENT PURCHASES AND EXPENSES. Remember to show those payments in column 7 or in your CHECK BOOK in order to keep a correct cash balance. Omit sales taxes. They are carried to the PROFIT AND LOSS STATEMENT from line 24 of the Michigan Sales Tax and Use Tax Return. Numbers have been allotted (17-23) for other items which you may want to distribute in the blank columns. Always use the same number for one type of item. Some distributions which you may want to use are: Rent, China Silver and Kitchen Utensils and Advertising.

At the end of the month, record and distribute all of the remaining current unpaid bills under "Unpaid Bills". Thus all of this month's expenses will be included in this month's PROFIT AND LOSS STATEMENT.

Columns 11-23: Total this month's purchases and expenses. Carry the totals of these columns to the monthly PROFIT AND LOSS STATEMENT.

Column 25: Carry the total of this month's purchases of "Fixed Assets" to the DEPRECIATION SCHEDULE.

Depreciation will be carried from there to the monthly PROFIT AND LOSS STATEMENT.

#### GENERAL GUIDE TO OPERATING PERCENTAGES

		Suggeste	1 Range	
Food Cost		40.0%	50.0%	
Salaries and Wages		25.0	30.0	
Rent		1.0	7.0	
Utilities		1.5	3.0	
Laundry		1.5	<b>3.0</b>	
Advertising		1.0	<b>3.0</b>	
Memas		•5	1.0	
Insurance & Taxes	11.15%	1.1	2.5	28.0%
Office Supplies		•5	1.0	·
Depreciation		•7	3.0	
Replacement & Repairs		• <b>5</b>	3.5	
Maintenance		1.5	3.0	
Cleaning Supplies		•35	2.0	
Miscellaneous		2.0	3.0	
PROFIT		5.0% -	or more	
TOTAL		10	o \$	

Keep total Food plus Payroll costs below 70-75 %. Above means danger.

#### GENERAL GUIDE TO FOOD COSTS

### Based on a 40% Food Cost

Meat Poultry Seafood		12.4% 4.0 3.2	19.6%
Produce Groceries		4.g 9.6	14.4
Eggs Butter Milk and Cream		1.6 1.6 2.8	6.0
	TOTAL		40.0% of Sales

t •	•			<b>3.</b> 16 (18)
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January Communication



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Month	

#### CASH RECEIPTS

			MEA	LS	Austria de la completa del la completa de la completa del la completa de la completa del la completa de la completa de la completa del la completa de la completa del la completa d	and the same of th	Tobacco	Misc.	TOTAL	0+1	I momar	temporaria accompanies con concession and	-			
Date	Bkfst.	Lunch	Dinner			TOTAL	& Candy	Sales	SALES	Other Receipts (Loans etc.) (5)	TOTAL	Add: Opening Drawer	Drawer Payments	Bank Deposits	Cash Over- Under*	Gives: Balance In Draw
1	\$	\$	\$	\$	6	(1)	(2)	(3)	(4)	(5)	(6)	Balance	(7)	(8)	(9)	(10)
2	Ψ	14	Ψ	9	Ф	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	(10)
3	A STATE OF THE STA			-	-				and the second s						14	Ψ.
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5		-		-					woodendar waterkean waterkaan waterkaan waterkaan waterkaan waterkaan waterkaan waterkaan waterkaan waterkaan w				-	and a second sec		
6							Over the second						The second secon			-
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8	CONTRACTOR OF THE PROPERTY OF	and the same and t	-		design of the second second second second											
9				The same of the sa		-										-
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13		AND THE PERSON NAMED IN COLUMN 2 IN COLUMN		-	outer various office annual		And the state of t		The same of the sa							
14		THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW		- The state of the							The state of the s				THE STREET STREET, STR	
15 16		The second secon	and the state of t	The state of the s	College of the same of the sam		The state of the s									
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17				The second second second		The state of the s		The second secon	and the same of th					and the second s		
18			and the same and same and same after the same after			The state of the s	-	and the second s							and the state of t	
19			The second secon	O CONTRACTOR OF THE PROPERTY O	The same of the sa											and the state of t
20				Andrew - Charles - Andrew - An	The second secon	AND THE PARTY OF T					Company of the Compan					
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29						and the second district th										
29 30 31						The sale was the sale of the s										The first of the court of the state of the s
31								Andrew Control of the								
OTALS	\$	\$	\$	-89	\$	\$	\$	÷	4	L						
		-	The second secon	adridor ministrator annoquement	The same of the sa	(1)	(2)	(3)	(4)	(5)	\$ (6)	\$		\$	\$	\$

Carry totals of columns 1, 2, 3, & 9\* to the monthly PROFIT AND LOSS STATEMENT.

\* Add net "Cash Over" (9) to, or deduct net "Cash Under" (show in red) from "TOTAL RECEIPTS" (6).

Mont	h

#### CURRENT PURCHASES AND EXPENSES

Date	Explanation or Dealer's name*	Food Purchases	Cleaning Supplies	Tobacco & Candy	Uniform	Utility & Fuel	Repairs	-	,	- 1				Misc. Expenses	Fixed Assets	TOTA
		(11)	(12)	(13)	& Linen (14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(25)	
1		\$	\$	\$		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	4
2								T	T	1	1	14	14	Ψ	Ψ	Ψ
3			The state of the s							-	-					
4													-			
5								-			-	-	-	-		-
6													-			
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9		The second secon							-	-	-	-	-			-
10								-	-	-			-			
11									-	-	-	-				
12		The second secon							-	-	-	-			o de constituire de la constit	
13							-		-	-	-	-	-			
14	entermentende de la completa del la completa del la completa de la completa del la completa de la completa del la compl	to the statement of the control of t							-	-			-			
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16				-					-			-	-			-
17		A STATE OF THE STA		-	-				-		-	-				
18		The second secon								-		-	-	-		
19									-	-	-	-				
20			CONTRACTOR OF STREET STREET	The state of the s						-		-	-			
21		THE PARTY CONTROL OF THE PARTY							-	-		-				
22		The second secon							-	-	-	-		-		
23							-	-	-	-	-					
24				-					-	-						
25				-					-	-		-				
26									-		-	-				
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31		A CONTRACTOR OF THE PROPERTY O							-	-		-			*******************************	
Unpaid 1	Bills	The state of the s														
			,													
									-	-		-				
									-	-						
				1					-	-						
	TOTA	LS \$	\$	\$	\$	\$	¢	de .	b .	d .			1			
		(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	\$	\$	18	\$  \$	19	\$

Carry totals of columns 11-23 to the monthly PROFIT AND LOSS STATEMENT. Carry total fixed assets purchased, column 25, to the DEPRECIATION SCHEDULE.

\* If any item is paid by check note the check number in this column.

#### DEPRECIATION SCHEDULE

Description	Date Acquired	Original Cost (From 25)	Estimated Life (26)	This Year's Depreciation (27)	Total Previous Depreciation (28)	Total Depreciation to date (29)
		\$		\$	\$	\$
		The second five self-to-deem reconsistence of the contract of			The same the same the same and	- P
			The desired from the second of the second se	and the second s		
				A THE RESERVE OF THE PARTY OF T		and the second of the desirent and the second of the secon
				and the state on the second se		and the same of th
				And the control of th		
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		AND THE RESIDENCE OF THE PROPERTY OF THE PROPE				
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		- Contraction (see Section Contraction Con				
\$						
			and the same of th			
		and the second s		Annual modernical materials and annual modernical modernical annual modernical annual		
		the same of the sa				
			and the same of th			
			and the same of th			
			TOTAL	\$		
			Transfer A uni	(27)	1	

Depreciation is a real expense. The government allows it to be deducted from income for income tax purposes. The operator who ignores this is only cheating himself.

There are various ways of figuring yearly depreciation. (column 27) The simplest method is that of dividing the original cost of the asset, less estimated scrap value, by its estimated life. This is the method shown here (column 25 divided by column 26).

When the point is reached where the total depreciation to date (column 27 plus column 28) equals the original cost less estimated scrap value, then no more depreciation can be taken on that asset.

The monthly share of depreciation to be shown on the PROFIT AND LOSS STATEMENT is arrived at by dividing the total depreciation for the year (column 27) by the number of months that you are in operation during the year. This figure should be carried to the PROFIT AND LOSS STATEMENT each month.

#### INVENTORY RECORD

- I. List the items under various groupings (Food, Supplies, etc.).
- 2. Include all of the goods on hand at the end of the month. Be sure that the bills for unpaid items have been included on the CURRENT PURCHASES AND EXPENSES sheet. If it is impossible to list every item, then at least list the major items.
- 3. Use the actual cost of the items or the present replacement cost, whichever is the lower, as the unit cost for valuing the inventory. This is the conservative method of valuing the inventory.
- 4. Carry the total inventory values (column 30) to the PROFIT AND LOSS STATEMENT.

Description	Quantity	Unit	Total Value (30)
		\$	\$
		<del>-</del>	<del></del>
		<del></del>	
		+	<del></del>
			<del></del>
		+	<del></del>
		<del> </del>	
			<u> </u>
		<b>2</b> 00.0	<b>L</b>
		TOTAL	(30)

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بتعاشف بالراز والمناو والمراوعية عواروعها والمواوية والمراجع والمناف والمتابع والمتابع والمراز والمناف والمراوع مست والمسترين المن المن المن المنافع والمنافع المنافع والمنافر والمنافر والمرافر والمنافر وال عدارات والمعرب والمراج والمراج والمستوين والمحموس والمراجع والمستوين والمراجع والمراجع والمراجع والمراجع معورة المتعادي والمتعاصرات والمعادية المتعاد المتعاد والمتعاد المتعاد المتعاد المتعاد المتعاد المتعاد والمتعاد المتراف والمناز والمناف والمستوان والمناز والمناز والمناز والمناف والمناف والمناز والمناز والمناز والمناز والمناز معورها المحارب والمحارب والمتحرب ومنته المنافعة المنظم ومعامع المعاوم والمنافع والمعامل والمنافع والمنافع والمنافع والمنافع والمنافع والمنافع والمنافع المراجم ووالدواو والمحسد المراجع والروا والمعارف والمعارف والمعارض والمراوي والمراوي والمعارض والمعارض والمعارض والمعارض والمعارض والمعارض والمعارض والمعارض and the second control of to a contract the contract of فقاع المناف المستقدة فيداد الأرازي الأرازي المدايي المتواصلة المداعم لايدا أن المتدلي الأرازي الماسة خرفان المتعارض والمرابع المواري والمرابع والمرابعة المتعارض المتعارض المتعارض والمتعارض والمتعارض والمتعارض and the control of th جا جرب من منه والمنفذ المن المناز المن المناز المن المناز المن المناز المناز المن المنتسبة واستعادات المنا معتقدها فالراب المتقاد القواريين والزارات والريمين والمقارب والتراوي والمتار والراوي والمتارك والمتارك والمتارك والمراب المراب والمراب والم The state of the s والمرابع والمراب والمجينة المنافر والمنطقة والمراب والمراب المراب والمراب المراب المراب والمنطور والمنطور والمنطور والمراب en la marca de la seria de la calegaria de la

#### PROFIT AND LOSS STATEMENT

		7							QUARTERLY	COTAL	
	CDACC CATEC BOOD		1-1	Amount	96	Amount	96	Amount	%	Amount	1 9
ss:	GROSS SALES - FOOD	,	(1)	.\$	-	\$		\$		\$	
355	Michigan Sales Tax, per line 24 Sales Tax and Use Tax Return				- 1	4		1		1	
ives:	NET SALES - FOOD	(A)		\$	1200 1	\$	1200	\$		\$	
	Contraction Contra	(A)		9	100 %	\$	100 %	\$	100 %	\$	100 %
OOD	Beginning Inventory			6		4		4		1	
OST:	Food Purchases		(11)	P	-	Þ	-	1\$		\$	
	TOTAL		(11)		-	- Ithronous and the same of th	-		-		
educt:	Ending Inventory		(30)				-		-		
ives:	COST OF FOOD SOLD	(B)	1,501	\$	%	\$	%	\$	9	6	0
ives:	GROSS PROFIT ON FOOD SALES (A)-(B) =	(C)		\$	%	\$	%		%	φ •	% %
							10	Ψ.	10	Ψ	7/0
PERATING	Payroll (PAYROLL REGISTER)*			\$	96	\$	%	\$	96	de	%
EXPENSES:	Soc. Sec. Cont. ( " ")				%	T	76	Ψ	1 %	Ψ	90
	Est. Unem. Comp. (3 % of Payroll)				%		%	A CONTRACTOR OF THE PARTY OF TH	90		96 96
	Cleaning Supplies		(12)		%		%		%		96
	Laundry Uniform & Linen Utility & Fuel		(14)		%		96		96		%
	Repairs		(15) (16) (17) (18) (19) (20)		90		%		96	The state of the s	96
	reharis		(16)		76		90		%		%
			(1()		96		%		%		%
			(10)		70		96		%		76
			(20)		90		%		96		76 96 96
			(21)		70		96 96		76		96
			(21) (22) (23) (27)		%		70		96		96
			(23)		%		%		%		%
educt:	Depreciation		(27)		%		%		70		96
	TOTAL OPERATING EXPENSES	(D)		\$	%	\$	76	\$	96	le le	70
ives:	NET OPERATING INCOME (C)-(D) =	(E)		\$	%	\$	36	\$	OF REAL PROPERTY.	\$	70
THER INC.	Mahaaa 6 G 1 G 2						10	Y	10	Φ	70
EXPENSE:	Tobacco & Candy Sales		(2)	\$		\$		\$		de	
TRUET TRUE TO THE	Miscellaneous Sales		(3)			,		Ψ	-	Ф	
ess:	Add Net Cash Over-Deduct Net Under Cost of Candy & Tobacco Sold		(2) (3) (9) (13) (23)								-
ess:	Miscellaneous Expenses		(13)								
dd:	NET OTHER INCOME	(F)	(23)	4							
Gives:	NET INCOME (E) plus	(F)		\$	96	\$	%	\$	%	\$	1 %
	/T/ bras	(1)		1 \$	90	\$	000	\$	96	¢	d

This figure should include manager's wages even if self-employed

Sources: 1-7 CASH RECEIPTS book
11-23 CURRENT PURCHASES AND EXPENSES book

<sup>(27)</sup> DEPRECIATION SCHEDULE (30) INVENTORY RECORD

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