

ACCOUNTS RECEIVABLE MANAGEMENT FOR BUSINESS FIRMS

Part I. Managing Accounts Receivable

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Accounts receivable has been singled out as an important area that deserves close management attention because these accounts affect the day-to-day cash flow of a business. For many firms, accounts receivable balances can fluctuate during certain periods of the operating year as adjustments are being made in the overall operating environment. Effective management of working capital, including accounts receivable, requires short, intermediate, and long-term planning as changes occur in business conditions and forecasts. Use of credit in the sale of goods and services has been and will continue to be an important practice in the ordinary course of business.

The temptation to accept extremely large accounts receivable balances is always present. Good managers avoid being bankers to their customers and realize that their primary function is to make a profit by merchandising their products or services. Management's concern should revolve around the liquidity and profitability aspects of accounts receivable. Liquidity relates to the flow of or conversion of accounts receivable to cash. Profitability relates to the rate of profit on sales and on the investment carried in accounts receivable.

- mers not always prepared to make payment in full at the point of sale:
- helps the firm to remain competitive in the market in terms of services offered;
- tends to level out highly seasonal product sales by encouraging purchases in advance of normal peak season times. This serves to shift warehousing requirements and product price risk.



Advantages of Extending Credit _____

Many reasons may be offered for extending credit to customers. These include:

- generates an increase in sales;
- increases the flow of operating revenue and profits when managed properly;
- builds up a clientele of regular customers;
- encourages the customer to buy higher quality merchandise and larger volumes;
- promotes goodwill through the convenience of an uncomplicated open account;
- adjustments on merchandise returns can be more easily made;
- increases the range of customers that your services appeal to, especially those custo-

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Disadvantages of Extending Credit

The extension of credit is an important decision that must be made by retail or service firms in light of some disadvantages. Some of these disadvantages include:

- capital is tied up in credit merchandise;
- interest expenses accrue to the business on borrowed money;
- credit customers may purchase beyond their ability to pay;
- some bad-debt losses will occur regardless of collection efficiency;
- credit customers are more likely to return merchandise than cash customers;
- credit sales add to the cost of doing business, since records must be maintained and periodic statements prepared and mailed;
- cost of trying to collect bad debts.

The Credit Manager/ Department _____

The credit manager and credit department performs several important functions on a continuous or intermittent basis. These tasks generally apply to both small firms, where a single individual is involved in credit management, and large firms with a credit department. These functions as depicted by Figure 1, include: communication of the credit program and policies; evaluation of credit capacity; recording credit transactions; collection of receivables; use of receivable funds and adaptation to changes in the credit environment.

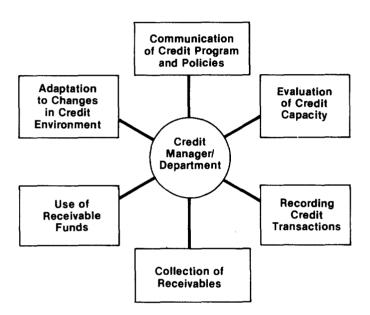


Figure 1. Functions of the Credit Manager/Department

Communication of the firm's credit policies and program performs several useful roles. First, it serves to make the credit service known to existing and potential customers. Details of the credit program could be summarized and compared with terms offered by competitors. An additional benefit of this communication step is that problems related to customer misunderstanding can be avoided if the credit program and policies are carefully explained when the credit application is taken. A second aspect of communication involves clarification of the firm's policies and procedures to credit department employees. This reduces the likelihood that the firm's credit policies will be misrepresented to customers.

The second function of the credit manager is evaluation of customer credit capacity. A customer's

short-term credit carrying capacity is usefully evaluated in terms of the customer's cash flow plan. Ability to repay credit according to a predetermined schedule should be verified by the credit manager in advance of extending credit. A related part of this effort involves use of, and flexibility to authorize, special credit arrangements when the need arises.

Maintenance of complete and current records of credit transactions is undoubtedly the most time-consuming aspect of credit management. It is, however, one of the most important activities in implementing successful credit program. Without accurate and up-to-date records it would not be possible to monitor the credit program or evaluate how successful it has been. Good records are critical to the timely collection of receivables.

Collection of receivables involves monitoring the status of accounts on a frequent basis. This monitoring activity serves as an "early warning" system to identify accounts which have not been paid within the normal payment period. Some accounts will become delinquent even within a well-developed credit evaluation and collection system. The collection function involves procedures to follow in collecting overdue and delinquent accounts. (See Extension Circular 837.) It may require the development of special provisions for "work-outs" (developing plans for repayment) to recover funds from customers experiencing extraordinary financial problems.

Accounts receivable represent an investment of working capital for the firm. Consequently, the credit manager should evaluate the **use of receivable funds**. This can be accomplished by comparing the profit from credit sales as a result of additional capital invested in receivable versus the (profit) rate of return generated by investing this money in short-term savings instruments. Profit from credit sales must also be sufficient to cover the cost of borrowed capital tied up in accounts receivable. This evaluation may reveal that receivables policies need to be adjusted to bring the return on receivables up to an acceptable level.

Adjustments in the credit program and policies may be needed due to changes in the credit and economic environment of the firm and its customers. As customer payment performance changes or the credit environment becomes more competitive, adaptation of credit terms becomes an important task for the credit manager. If the manager recognizes that receivable funds have grown beyond desired levels, adjustment in policies and close monitoring of accounts can bring the volume of receivables back in line over time.



a severe cash flow bind or on the brink of complete financial disaster.

Competition

Credit arrangements will be influenced by competition. Like many other business practices, credit terms tend to become standardized within industries and product lines. If the firm expects to survive in a competitive climate the firm's products, credit and service need to be competitive if customers are going to be attracted and retained. If credit terms deviate very far from industry standards, customers may demand additional services or lower prices. Unless there are other unique characteristics in the firm's products or services, it is usually more desirable to stay within reasonable bounds of industry norms.

Evaluation of Business Environment _____

Business environment depends on the industry or line of business, size of firm, use of borrowed capital, and the cash flow of the business. All of these factors will generally affect both risk and profitability. How a manager or management team handles this trade-off depends to a large extent upon the financial strength of the firm, competition, industry practice, and economic climate. Sound financial management will attempt to strike a balance between risk and return in a manner that will serve to maximize profits that contribute to the wealth or equity of the firm.

The concept of presenting a competitive product or service to your customers and avoiding a costly tie-up of funds in accounts receivable is a task that warrants the attention of management. A sound, competitive and well managed policy must be able to increase profits sufficiently to justify the investment of the firm's capital in accounts receivable.

Financial Strength of the firm

If a firm is overcapitalized (sales low relative to investment in assets and to net worth), profitability will tend to be low. An overcapitalized firm could absorb some risk of writing off bad debts if there is adequate working capital. A less restrictive credit policy to increase sales volume might be pursued with a reduction in the percentage rate of profit.

A weak financial position or undercapitalized firm (sales volume is high relative to the investment in assets and to net worth) presents a different situation. This may result from capital withdrawal by the owners or continuing losses sustained by the business. Any extended time period needed in accounts receivable collections might place the firm in

Credit Standards and Evaluation

A majority of individuals and firms desire to maintain a current position on their outstanding bills and credit obligations. This is not a universal characteristic, however, and credit standards and credit evaluation are a necessary part of the management decision framework. Questions which must be raised concern: to whom should credit be extended, how much, and on what terms? The checklist on the following page can be used to evaluate your credit control procedures.

Many firms have turned to the five C's of credit as an evaluation program or a starting point for credit evaluation. These are commonly known as character, capacity, capital, collateral, and conditions.

Character centers on the customer's integrity, trustworthiness, and attitude toward honoring outstanding credit obligations (Is he or she honest? Does he or she intend to pay you?). Credit analysts identify character as one of the most important standards in credit evaluation because each credit transaction implicitly implies the promise to pay. To minimize losses, be diligent in asking for and following up on character references for any new credit customer.

Capacity deals with the individual's or firm's repayment ability. This is frequently evaluated on the basis of past history, income, and an in-depth credit analysis.

The most meaningful measure of the ability to repay is a cash flow statement. Too often credit capacity is measured only by net worth or annual in-

CREDIT CONTROL POLICIES CHECK LIST

Credit Approval	Yes	No	Not Applicable
Does your firm extend automatic over-the-counter credit to all customers?			
Do you regularly use a credit application to screen new customers?			
Do you have a standard form for credit application?			
Is it completed personally by the applicant?			
Is it reviewed for completeness?			
Is all information verified for accuracy and timeliness?			
Are appplicants checked out with a credit bureau?			
Does your evaluation consider: income?			
fixed obligations?			
job stability?			
residential stability?			-
credit history?			
bank balances?			
other assets?		<u> </u>	
Invoices Are invoices prepared promptly?			
Is invoice preparation always accurate?			
Are payment terms clearly stated?			
Are customers' special instructions followed carefully?			
Problems of Identification Do you determine your average collection period on a regular basis?			
Do you compare your collection period with industry averages?			
Do you compare your current collection period with your previous experience?			
Do you compare your collection period with your payment terms?			
Do you have a monthly aging of all outstanding accounts?			
When a problem is identified, is corrective action prompt and firm?			
Do you periodically review your credit policy?			

come. It is important to know the annual income and size of the firm; however, it is more important to know how much cash will become available during the year and how much of this cash is committed to

other obligations. Knowing something about the customer's income flow permits you to estimate when payment can be expected and what payment terms are reasonable.

Capital refers to the general financial position of a potential creditor with special emphasis placed on tangible net worth or financial health. Capital accumulation is also a general indicator of capacity. The larger the customer's capital in relation to the credit line you extend, the higher the probability that you will be paid if times get tough.

Capital should be evaluated relative to the age of the business and the circumstances under which it was accumulated (savings vs. inheritance). The financial strength of the firm should also be analyzed in terms of current assets (those that can readily be converted to cash) and long-term (permanent) assets. The larger the amount of the customer's capital tied up in long-term assets relative to current assets, the more difficult it will be to collect delinquent accounts through capital liquidation.

Collateral is represented by assets that a customer can pledge as security for credit that will be extended. It is essentially the value of the assets pledged as security should the customer not pay an obligation. A word of caution is in order at this point: if a credit manager expects to be forced to liquidate a customer's assets in order to collect on a credit sale, credit should not be extended. Collateral is usually taken as security on higher priced merchandise, equipment, etc.

Conditions refer to how dependent a particular customer's situation is on general economic trends and special developments (weather, business cycles, etc.). The higher a customer's dependence on external factors the higher the associated credit risk. Credit policies that are adequate when the local economy is strong may not be appropriate when the local economy is depressed. Credit will still be necessary when the economy is depressed, but the amount extended to individuals and the repayment period may have to be adjusted. It is important to minimize changes in credit terms and to change only when absolutely necessary.

Credit Application

The credit applicant is the first and most important source of information. If applicants are willing and able to provide the necessary basic personal information, the remainder of the investigation and evaluation can go much more quickly and smoothly. To obtain concise and accurate information from the applicant, a credit application form should be used. Certain standard credit forms can be obtained from trade or work organizations, wholesalers, credit bureaus, data processing firms, and business supply firms. Appendix A is a sample credit application. Credit applications vary considerably among businesses. A form appropriate to your type of business should be used. The application form usually will request the following information:

- current address and previous address if they have lived at their current address for a short period of time
- current position and applicant's previous occupation if time spent in the current position is relatively short
- salary and other income
- rent or mortgage payments
- major financial obligations
- credit references usually including at least one bank and one other line of credit (credit card or other charge account)
- number of dependents

The information provided on this form goes a long way in providing specific content to the five C's of credit worthiness. It also provides clues for the other steps in a complete investigation.

Applications are subject to equal credit and truthin-lending laws. To avoid violation of these laws, it is
useful to review applications with the bank with
whom you do business or with somebody who is
knowledgeable in credit applications. To comply
with truth-in-lending laws, retailers who levy a
finance charge for unpaid balances beyond a certain
time period must provide information about these
finance charges in detail on the application form.

Customer Evaluation

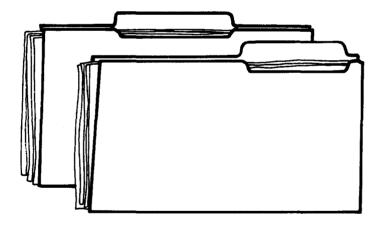
After all the information has been gathered, you can decide on the applicant's credit worthiness. Figure 2 is a simple summary form that can be used to grade or score a credit applicant. A grade should be checked (1, 2, or 3) for each of the qualities and the numerical value entered in the first column. The grade average is calculated to determine the grade for the overall appraisal.

This form summarizes the credit manager's judgment on each of the credit qualities of the applicant and can be used along with other available information to evaluate credit worthiness. A maximum grade or score should be established. Customers who receive grades above this level using the scoring form of Figure 2 should not be extended credit. The decision to grant credit will depend on your personal evaluation of the applicant's ability to meet obligations as well as how much risk the firm is willing to accept. An upper limit on the dollar amount of credit that an individual customer can have on the books at any one time may be established.

Figure 2. Credit Customer Grading Form

	Grade			
Credit Qualities	Value*	Good 1	Fair 2	Poor 3
Cash Flow or Income				
Size of Operation				
Residence				
References				
Net Worth				
Payment Record				
Reputation				
Grade Total				
Summary-overall appraisal (average)	Grade	average :	= grade	total ÷ 7
Decision: Accept	Re	fuse		•
Limit \$				
Comments:				

^{*}Enter numerical grade value in this column.



Accounts Receivable File___

One of the initial steps in successfully implementing a credit program is to develop a system for obtaining accurate and current account information. Problems with receivables management can frequently be traced back to problems with the accounting, billing, and collection procedures. An accurate credit file is one of the keys to a successful credit management effort. Successful systems record several types of individual account information.

- 1. Exact name(s) of the customer(s) and any other individual(s) authorized to use the account.
- 2. Account number and/or social security number.
- 3. Line of credit/credit limit on the account.
- 4. Security requested or taken.
- 5. Guarantees or co-signors.
- Renewal date and any other special circumstances.

The creditor should maintain a ledger on receivables which contains a record of invoices and payments which corresponds with this account information and shows the date of each transaction. The ledger entries become the basic source of information for subsequent monitoring of the credit program. Credit payments and credit outstanding by account can then be quickly assembled by age of those accounts to provide for an analysis of all receivables of the firm. An alternative to a single ledger on receivables is to maintain a file copy of the current account information under the customer's name/account number and another file copy under the billing date.

Implementation of credit procedures requires that the customer be invoiced properly. The invoice should include name(s) of buyer(s), invoice and shipment dates, proper terms clearly stated, correct quantities, and prices. Invoices should bear the customer's signature to provide proof of delivery, which may be extremely important when additional measures need to be taken for collection. Prompt invoicing signals the customer that the firm is concerned about timely payment. A lax invoicing procedure conveys the message to the customer that the firm is not overly concerned about prompt credit collection.

Additional effort may be required to maintain an up-to-date credit file. Increased mobility of the population, larger trade areas, and more customers demanding credit all increase the need for additional current information. Firms which have been highly successful in reducing delinquent accounts maintain a credit file which is frequently supplemented by financial statements (e.g., balance sheet, earnings statement, cash flow summary), rating reports, courthouse investigations and credit references, and field appraisals by sales or credit personnel.

Developing a Credit Control System_____

Sound business management requires that the firm's accounts receivable be monitored on a

periodic basis to evaluate credit quality and provide credit control. The control system needs to be designed and implemented to monitor the credit program in a cost effective way. It should also allow the credit manager to identify needs and types of change which will be effective in attaining the firm's objectives or maintaining desired credit standards. One aspect of control is the establishment of credit limits on individual accounts. Secondly, monitoring and evaluating accounts receivable may involve aging of accounts and credit ratio analysis.

Credit Limits

How much credit can/should a firm extend to a particular customer? No single piece of information can fully answer that question. Rather, the credit limit placed on each customer must reflect an analysis of the customer's current and anticipated financial situation and the level of credit the firm desires to extend in aggregate.

Individual lines of credit should be established using sound business management practices. The line of credit may be based on a percentage of your firm's equity capital. Alternatively, the credit limit for an individual customer could be at some percentage of the firm's anticipated profit. Both alternatives are designed to limit your firm's exposure to delinquencies and bad debt losses.

Credit limits based on a customer's equity may be set by limiting all customers to a constant percentage of equity capital or by classifying customers according to credit quality and establish lower credit limits (lower percentages of equity) for low quality, high risk accounts. Similar methods could be used to base credit limits on firm profits. Use of firm profits as the base for credit limit determination may be a better planning approach to controlling firm exposure to losses during periods of anticipated declining business activity or reduced profitability.

Aging of Accounts

Many businesses monitor their credit program by use of an aging schedule for accounts and notes receivable. This simply involves listing credit accounts and corresponding volumes outstanding according to due dates. The basic structure of the aging schedule is illustrated in Table 1. The "total due" column contains the total credit sales by account. The "current" column lists payments made during the period immediately following the sale within which no carrying charges are applied (net 20 or net 30 days). The remaining columns contain the balance of the outstanding volume depending on whether it is overdue or payable according to a schedule.

If it is used, the aging method should be tabulated monthly for management review and at year end to serve as a summary of progress in the collection effort. If it is done on a regular basis (monthly) the aging of receivables indicates both when cash will be flowing into the firm from past credit sales, and how much credit has been extended to individual customers and when payment is expected. For an indepth aging analysis, see Appendix B.

Credit Ratio Analysis

The simplest method of monitoring accounts receivable is to compute various credit ratios. The average collection period (ACP), also known as days sales outstanding (DSO), is an approximate average time (in days) required to collect receivables. The ACP is computed in two steps.

When the ACP is calculated for an entire year the ratio is,

(2) ACP =
$$\frac{\text{Net accounts receivable at end of year}}{\text{Net credit sales (or billings) during the year}} \times 365 \text{ days}$$

The standard for comparison of the ACP is the credit terms granted by the firm. For example, if credit terms are net 30 days and the ACP ratio is 30 days or less, the credit program is working effectively. A rule of thumb which is frequently used is that the collection period should be no more than one-third greater than the net selling terms. Therefore, if the net sell-

Table 1. Aging of Accounts Receivable.

Acct.		Total			Agings I	Past Due	
No.	Customer's Name	due	Current	1-30 da.	30-60 da.	60-90 da.	Over 90 da
	J. Williams	\$ 2,140	\$ 1,300		\$ 840		
	R. Johnson	1,520	520	\$1,000	·		
	O. Richards	\$11,200	\$ 6,200	2,200	1.300	\$1,100	\$400
	L. Johnstone	1,750	1,750	,	,,	,	
	K. Gilson	5,000	450	3,200		1,350	
	Totals	\$21,610	\$10,220	\$6,400	\$2,140	\$2,450	\$400
	Percent	100	47.3	29.6	9.9	11.3	1.9

ing term is set at 30 days, the collection period should be approximately 40 days. The ratio can also be compared with industry averages. Differences in the ratio between firms may result from variations in sales/billing cycles and/or seasonal fluctuations in sales. A major benefit of ACP is not the actual number at any point in time, rather an indication of trends in collection of receivables.

The ratio of credit sales to total sales can be used by the firm to follow changes in the level of credit

(3) Credit sales volume for the period
Total sales volume for the period

over time. This ratio can be compared to the firm's desired level of credit sales as a proportion of total sales volume and used to indicate a need to limit or expand credit sales activity.

The index of change in credit sales volume is another useful trend indicator. An index greater than 100 means

(4) <u>Credit sales for current period</u> × 100

that credit sales are on the increase from prior levels. An index less than 100 corresponds to a decline in credit sales over time. This index has no standard for comparison but does indicate period-to-period fluctuations.

The percentage change in accounts receivable outstanding indicates the trend in uncollected receivables.

(5) Accounts receivable outstanding (end of current period) Accounts receivable outstanding (end of previous period) × 100

If this ratio is greater than 100 and/or illustrates an increasing trend, the indication may be that collections are not keeping pace with collections in prior periods. The credit manager would need to determine if the increase is attributable to increases in total sales and credit sales or is in fact a reflection of collection problems.

A bad debt ratio is a potentially useful indicator of the efficiency of credit acceptance standards and collection efforts. Since bad debts are frequently written off considerably later than the period in which the credit sale occurred, the usefulness of this ratio is in period-to-period comparisons or comparisons with industry averages.

(6) Bad debts (current period)
Total credit sales during the period × 100

Evaluation of Credit_

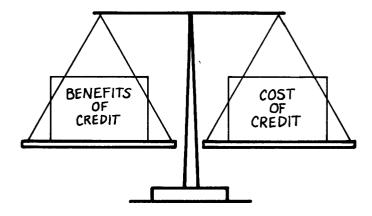
The benefits of granting credit are mainly the extra business obtained. If all competitors are conveniently located and grant credit, it is safe to assume that you would lose a large proportion of the business that is transacted on credit if you had a no-credit policy. Alternatively, if only a small proportion of your business is credit business, there would be relatively little benefit from offering credit.

The benefit you derive from offering credit is a judgment that you have to make based on the conditions in your business. A simple formula for calculating the benefits of offering credit is as follows:

$$\begin{bmatrix} \text{Benefit of } \\ \text{Offering } \\ \text{Credit} \end{bmatrix} = \begin{bmatrix} \text{Amount of } \\ \text{Business} \\ \text{Which Credit } \\ \text{Alone Brings} \end{bmatrix} \times \begin{bmatrix} \text{Percent of } \\ \text{Net Profit } \\ \text{Made on } \\ \text{That Business} \end{bmatrix} - \begin{bmatrix} \text{Cost of } \\ \text{Providing } \\ \text{Credit} \end{bmatrix}$$

The costs of providing credit include:

- costs of billing customers, including costs of mailing statements, data processing costs, or wholesaler charges for these services;
- cost of credit checks or reference checks;
- cost of credit losses;
- cost of money tied up in credit.



Cost of borrowed capital and the time required to collect accounts influences the profitability of the firm's existing accounts receivable program through the collection period. This is especially important to consider when interest rates are high and/or rising. The erosion of profits generated through credit sales as the length of the collection period is extended for three different interest rates on borrowed money is illustrated in Table 2. Other assumptions used in the computations are a 6 percent net profit margin on sales and a credit policy of net 30 days.

Table 2. The Effect of Interest Rates and Collection Periods on Net Profit Based on \$100 of Credit Sales and a 6% Net Profit Margin

Length of	Net Profit ^a for Selected annua Interest Rates on Borrowed Capital						
Collection Period		9%		12%		15%	
1 month	\$	5.25b	\$	5.00	\$	4.75	
2 months		4.50		4.00		3.50	
3 months		3.75		3.00		2.25	
6 months		1.50		0.00	-	- 1.50	
9 months	-	- 0.75	-	- 3.00	-	- 5.25	
12 months	-	- 3.00	-	- 6.00	-	- 9.00	

^aFinance charges on accounts receivable are not included.

bEffective Net Profit

The monthly interest rate is calculated by dividing the annual interest rate by 12.

The normal \$6.00 profit on a sale of \$100 is reduced to \$5.25 one month after the account is due. The important point to notice from the table is that with a 12 percent interest rate, profits generated by the sale are halved by the end of three months and completely eliminated by the end of six months. Interest rates are a significant factor to consider in monitoring profitability of the credit program or considering adjustments in the credit program to preserve profits.

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⁼ Sales \times [Net Profit Margin – (Monthly Interest Rate \times Number of Months)]

 $^{= $100 \}times [6\% - (.75 \times 1)]$

⁼ \$5.25

APPENDIX A

CHARGE ACCOUNT APPLICATION

~							Mas D Othe							
AS	E PR	INT)	FIRST NAME		MDDLE #NIT	M.	·	AST HAME			PHO	WE NO		
-	35	- 11					CITY			STATE	ZIP			
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	NAM	E OF BANK			ADORE	SS		city			BANK		SAVINGS	D LOW
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APPENDIX B

In-Depth Aging Analysis

For many businesses, a simple aging analysis and credit ratio analysis may be all that is necessary. However, an in-depth aging analysis of the credit program of the firm over the full preceding year may be helpful. It involves: 1) summing up customer accounts receivable by month, 2) categorizing sales and outstanding receivables (at month-end) according to quarters, and 3) computing the average collection period, the aging schedule, and a payment pattern indicator (Appendix Table B1). The age schedule (cols. 5, 6) and average collection period (col. 4) are influenced by the monthly pattern of sales within quarters even though total quarterly credit sales are constant during the year. If the pattern of

monthly sales within quarters were constant and the payment pattern was constant (col. 7), the collection period (40 days) and the age of receivables would beidentical as in quarters 1 and 4. When the sales pattern is reversed as in quarters 2 and 3 (column 1) the collection period (column 4) and age of receivables (column 6) will vary considerably even though the payment pattern indicator shows that the pace of repayment is identical across quarters. For these reasons, it is useful to look at several indicators of credit program activity over the year to reduce the likelihood of concluding that collection has changed when seasonal variability in sales is the underlying factor. The payment pattern indicator matches accounts receivable to credit sales in the month of origin and is, therefore, not influenced by changes in the monthly volume of sales.

Appendix Table B1. Annual Summary of Credit Program Activity

Qtr.	Month	Credit Sales	Acct. Rec. by Month (End of Qtr.)	Ave. Daily Credit Sales (90 da. period)	Ave. Collection Period	Age Class (days past due)	Age Class (%)	Payment Pattern Indicator
		(Col. 1)	(Col. 2)	(Col., 3)	(Col. 4)	(Col. 5)	(Col. 6)	$=\frac{(\text{Col. 7}}{\text{Col. 1}}$
	Jan Feb Mar	\$ 5,000 10,000 10,000 \$25,000	\$ 1,250 6,000 7,500 \$14,750	4.1	40	60-90 30-60 0-30	8%ª 41 51	.25 .60 .75
	Apr May Jun	\$ 3,000 8,000 14,000 \$25,000	\$ 750 4,800 <u>10,500</u> <u>\$16,050</u>	4.1	43	60-90 30-60 0-30	5% 30 65	.25 .60 .75
ı	Jul Aug Sep	\$14,000 8,000 3,000 \$25,000	\$ 3,500 4,800 2,250 \$10,550	4.1	29	60-90 30-60 0-30	33% 45 22	.25 .60 .75
1	Oct Nov Dec	\$ 5,000 10,000 10,000 \$25,000	\$ 1,250 6,000 <u>7,500</u> \$14,750	4.1	40	60-90 30-60 0-30	8% 41 51	.25 .60 .75

^aMonthly accounts receivable outstanding divided by the total for the quarter (Column 2). For example:

$$\frac{\$1,250}{\$14,750} = 8\%$$
 (rounded).