### EDUCATION AND EXAMINATION COMMITTEE

### OF THE

### SOCIETY OF ACTUARIES

COURSE 8 HEALTH, GROUP LIFE, AND MANAGED CARE STUDY NOTE

### COURSE 8 HEALTH, GROUP LIFE, AND MANAGED CARE CASE STUDY CORE SECTION

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8GM-13-00 Printed in U.S.A.

### COURSE 8: HEALTH, GROUP LIFE, AND MANAGED CARE CASE STUDY

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### CORE SECTION

### I. Introduction

Wonderful Life Insurance Company (Wonderful Life) is a large stock life insurance company with 6,000 employees. Wonderful Life sells mainly group insurance to small and large employers. The company's corporate vision is to be a leader in the group insurance industry, to earn a competitive return for its stockholders, to offer a good value to employers while operating in a financially sustainable way, and to attract and retain valuable employees.

Wonderful Life has a large block of major medical business but has been expanding into other product lines. The company currently offers a full line of products, including but not limited to:

- Indemnity and preferred provider organization (PPO) group medical benefits
- Individual medical plans
- Group life
- Group and individual long-term-disability
- Specialty products.

Wonderful Life has a small managed care division that currently includes only one single location managed care organization (MCO), The Bedford Group. This division has not historically been a primary focus of the company but senior management has recently decided to target this business unit for aggressive growth. In order to accomplish this objective, Wonderful Life plans to develop or purchase existing MCOs in select target cities.

All numbers found in this case study are for illustration only and may not be representative of true costs or actual relationships. Any similarities with actual company results are purely coincidental.

### II. CORPORATE OVERVIEW AND FINANCIALS

Wonderful Life maintains four primary business divisions. These divisions are:

- Administrative Services Only (ASO);
- Major Medical;
- Group Life and Disability (GLD); and
- Managed Care.

The ASO business division provides a range of services to large employers with self-insured medical plans. Wonderful Life also rents its PPO networks to third party

administrators; this business is also included as part of the ASO division. The Major Medical division includes fully insured indemnity and preferred provider organization health benefits for individuals and for small and mid-size employers. The Group Life and Disability division provides fully insured group life insurance to employers of all sizes, both group and individual disability products, and has very recently entered the long-term-care market. The Managed Care division currently includes only one MCO, The Bedford Group.

Management of each business division is allowed considerable autonomy in establishing division strategy; however, corporate management requires each division to maintain a reinsurance level that is appropriate for its product lines.

The combined financial results for all four divisions for the past three years are illustrated in Table C-1. All fully insured premiums are shown as a separate income line item from premium equivalents. Premium equivalents represent business sold through the ASO business unit. The financial details of the ASO business unit are not addressed in this case study. Premiums include all fully insured products of Wonderful Life, including the fully insured health business, individual and group long-term-disability, group long-term care, all group life products, and all business in the Managed Care division. Detailed financials are shown in this case study for the fully insured individual and group major medical products of the Major Medical division. Detailed financials for the Group Life and Disability and Managed Care divisions are addressed in the case studies for each applicable course extension. The financials provided in the case studies may not include all the product lines of the division.

The three-year financial statements illustrated in this case study are recast for 1997 and 1998, with claims expense estimates that reflect claim run-out through the end of 1999.

Wonderful Life has experienced stable financial results during the most recent three years. Total income has increased by over 11% for the past two years. However, total benefits and expenses have also increased by more than 11% during this time period, resulting in a fairly constant operating margin as a percentage of total premium and premium equivalents. Gross operating earnings are subject to an income tax in the company's regulatory environment. Post-tax operating earnings as a percentage of total premium and premium equivalents have also been steady during the last three years.

The 1999 year-end balance sheet for Wonderful Life is illustrated in Table C-2

### III. PRODUCT STRATEGY

Wonderful Life has a strong reputation in the self-insured and fully insured group major medical market. The company has spent considerable resources in developing its own preferred provider networks across the country. As a result, Wonderful Life is one of the top five providers nationally of ASO major medical business and one of the top three providers nationally for fully insured major medical business. Wonderful Life is

interested in increasing its market share in both the ASO and major medical business lines.

Wonderful Life has been slow to aggressively develop its managed care business but recognizes the need to provide these products in the current market. The company has therefore identified specific locations where it would like to develop a managed care network or purchase an existing managed care organization. Because of the breadth of the preferred provider networks, Wonderful Life already has a presence in many of these target locations. At this point, Wonderful Life is focusing its efforts to provide managed care to employer groups and does not intend to pursue the Medicare Risk or other specialty markets.

Wonderful Life has been expanding into other product lines, including group life, individual and group long-term-disability, and more recently, group long-term-care. Corporate management has been interested in growing these other business lines due to higher expected profit margins for these products relative to the medical business lines and to increase the company's presence in the employee benefits marketplace.

Marketing efforts have typically focused on the group market and been aimed at senior human resource executives. More recently, the company has begun to market at the employee and individual level.

### IV. MAJOR MEDICAL DIVISION

The Major Medical division is active in several geographic markets predominately selling products featuring proprietary PPO networks. Through aggressive provider contracting efforts, the company has historically enjoyed favorable pricing levels for this business. The company continues to renew a relatively small block of indemnity business, which uses a traditional fee-for-service approach. The indemnity business is not a primary focus of the division and currently represents less than 5% of the division's total business. The Major Medical division is engaged solely in the indemnity and PPO businesses described. All health maintenance organization (HMO) and Point-of-Service (POS) business is administered and reported separately in the managed care business division.

Within the indemnity and PPO business, the division is active in both the large and small group markets. Small groups are defined as employers with 50 or fewer employees and large groups as employers with 51 or more total employees. Rates for small groups are based entirely on the rate manual whereas large groups are experience rated on either a prospective or retrospective basis. The division is also active in the individual market, which represents about 20% of total premiums in 1999. The products reported under the Major Medical division include only insured business where the company is at risk. The company also rents its provider networks to large self-insured employers and third party administrators, but that business is reported in the ASO division.

The group products are marketed primarily through consultants and brokers. The individual products are marketed through direct advertising to the consumer.

### Financial Data

Table MM-1 illustrates detailed financial data for the Major Medical division for the past three years. The data included is in aggregate for all products and markets.

The last two years have seen steadily increasing revenues growing at a rate of over 11% per year over the entire period. However, the claims expense has been growing at approximately 13% annually, which has led to an increase in the medical loss ratio and decreasing gross margins. Fully insured premiums in this regulatory environment are subject to a premium tax, which is shown as an expense line item. Although general administrative expenses have decreased slightly as a percentage of total revenue and other expenses have held steady, the increase in claims expense has led to a decreasing level of operating margin. Investment income has remained strong over the period, resulting in fairly strong bottom line profitability for the division. Investment income for the division includes income associated with the assets allocated to the division as well as the earnings from operating cash flows.

### Rate Manual

Table MM-2a and Table MM-2b outline the rating assumptions used for the group major medical line for new and renewal groups beginning January 1, 2000. The following is a brief discussion of each section of the rate manual shown in the table.

Base manual claims rates are on a gross basis with respect to deductibles and copayments, but are net of provider discounts on a geographically neutral basis. Base claim rates have not been reduced to reflect the \$50,000 pooling level used in experience rating. Rates are provided on a two-tier basis (employee only and employee plus dependents) as well as a composite (per employee) basis.

Claims trends are those that are appropriate for adjusting claims data for differing time periods. The claims trends are appropriate for adjusting actual claims experience as well as the manual claims rates. The trend rates are applicable for any month within the given calendar year. Trending is applied from the midpoint of the experience period to the midpoint of the projection period.

Administrative expenses are charged on a composite per employee basis regardless of whether dependents are covered. Commissions and the risk/profit load are calculated as a percentage of the gross premiums. All expenses are on a sliding scale by group size, which is based on the actual number of employees enrolled for coverage. For each type of expense, the same scale is used for both prospective and retrospective rating methods.

The credibility factors are expressed as the credibility percentage (weighting) to be applied to the group's own experience. Group size is again based on the number of employees enrolled.

There are four geographic regions in which the company does business. The region factors given adjust for both differences in expected utilization and provider payment levels relative to the overall company-wide level given by the manual claims rates. Because actual experience data is already region-specific, these factors should be used only to adjust the manual claims rates.

A full table of age and sex factors has not been provided in Table MM-2b. However, composite age and sex adjustment factors have been provided for each group in the experience table (Table MM-3).

The manual rate table includes benefit adjustment factors for the three most popular plan designs that represent over 95% of the business in-force. When necessary, the underwriting staff interpolates between the given factors to estimate benefit factors for deductible levels not given in the rate manual. The benefit factors are appropriate for adjusting either experience data (to a benefit level other than that in effect during the experience period) or the manual claims rates.

Gross premium rates are typically developed on a composite per employee basis and then adjusted to the desired rate relationship. The standard approach used by most groups is a two-tier structure with the same relationship between employee and employee plus dependents rates as the manual claims rates (2.5 to 1.0). Any client claim experience used in the development of the gross premium rates (as determined by the size of the group and the applicable credibility factors) is adjusted to exclude claims over \$50,000 and include pooling charges. Refer to Table MM-2b for additional notes related to the retrospective rating method.

### Group Experience Data

Experience data for a sample of in-force groups of varying size has been provided in Table MM-3. All groups will be renewing their coverage in the first quarter of 2000. The experience period for all groups is from July 1, 1998 through June 30, 1999. The total claims amounts have already been adjusted to an incurred basis.

Annual exposure indicates the average number of employees in each coverage tier during the experience period. For these particular groups, the group's average demographic factor is assumed to be unchanged during the experience period or during the time between the end of the experience period and the effective period of the renewal rates.

Total claims for each group include all claim amounts net of provider discounts and deductibles, coinsurance, and copay amounts. The portion of total claims greater than \$50,000 for any single covered individual is shown in the next column as the amount of claims greater than \$50,000. Net claims less than \$50,000 are calculated as the difference between total claims and the amount of claims greater than \$50,000, and reflect claims net of a \$50,000 pooling level. Total premium is based on the number of employees and the current rates as charged for the current rating period. The remaining values are as defined in the rate manual.

### Claim Lag Tables

Claim lag tables (Table MM-4a, MM-4b, MM-4c, and MM-4d) have been provided for all claims in the Major Medical division that were incurred and paid for a 36-month period beginning in January 1, 1997. The claims for each pay-out month are accumulated from the beginning of the period for each incurred month. Separate lag tables have been provided for hospital claims and non-hospital claims. Non-hospital claims include physician services, other professional services, and prescription drug claims.

The incurred date is defined as the date of admission for an inpatient hospital stay and the date of service for outpatient hospital and physician claims. There were no changes to the incurral date definitions during the time period shown in the tables. Claims are considered paid as of the date the check is printed and mailed.

### Paid Claims Statistics Tables

Tables of claims department statistics have been provided separately for hospital (Table MM-5a) and non-hospital claims (Table MM-5b). Non-hospital claims include physician services, other professional services, and prescription drugs claims. Member exposure includes all employees and dependents. Paid claims and other statistics have been provided for a 36-month period beginning in January 1, 1997. The claims paid data represents all of the claims that were processed and paid in a given month regardless of incurral date.

The number of claims received includes all claims that have been received by the claims department both electronically and via paper during the given month. The number of claims paid includes all claims that have been processed during the month and paid by the end of the month. Month end claims inventory includes all claims that have been received but not paid by the end of the month. This inventory includes both claims that have not yet been processed as well as those that have been processed but require further research before being paid.

The "average days to process" statistic includes both electronic and paper claims that were payable based only on system edits and did not require any further investigation. It does not include claims that were stopped for further research for any reason.

### Incurred But Not Reported Model Output

Tables of the raw output from the Major Medical division's incurred but not reported (IBNR) reserve model are provided as Table MM-6a (hospital data) and Table MM-6b (non-hospital data, including physician services, other professional services, and prescription drug claims). Claims paid includes all claims paid in the indicated month, regardless of date of incurral. Incurred and paid claims includes all claims incurred in the indicated month and paid through the valuation period of December 31, 1999.

Completion factors are provided for each incurral month. These completion factors are developed using a straight six-month average completion factor methodology. The incurred estimate is calculated for each incurral month by dividing the incurred and paid claims by the month's completion factor, as determined by the six month average methodology. The per member per month (PMPM) claim cost estimate is calculated as the incurred estimate divided by the number of members for the applicable month. The raw IBNR estimate for each incurral month is calculated as the incurred estimate for each month, less the claims incurred and paid through the valuation date.

### Processing Considerations Concerning Major Medical Claims Data

Several important changes in the major medical claims processing environment occurred during the time periods for which data has been supplied in the claim lag tables (Table MM-4a, MM-4b, MM-4c, and MM-4d). These changes should be taken into consideration when analyzing the given claims payment data.

In January 1998, the major medical claims payment system was converted from a proprietary system developed by and maintained by the Major Medical division to the EZ-Pay system. A third party software vendor maintains the EZ-Pay claims system. In order to convert to the new claims payment system, the Major Medical division needed to make significant changes to its payment methodology for contracted or preferred providers. This change was due to limited customization options within the new payment system.

The system change did not affect any claims paid prior to January 1, 1998. However, the new system increased the efficiency and accuracy of claim payments resulting in faster claims payment at all claim lags for the periods after January 1, 1998. Because the Major Medical division had formerly used a non-standard provider payment methodology that was relatively difficult for providers to administer, the change in provider payment necessitated by the system change also resulted in an increase in the speed of submission of claims by providers relative to the date of service.

In 1999, a corporate-wide initiative was developed to address possible year 2000 issues in Wonderful Life's information technology (IT) systems. As a result of this initiative, the Major Medical division claims department was directed to reduce inventories of claims that had been received but not yet processed or paid before the end of 1999. In order to accomplish this goal, the claims department began working overtime hours in July of 1999. In addition, several claims system edits for commonly approved claims were removed in order to speed up claims processing.

Because of its broad preferred provider networks, the Major Medical division receives a large percentage of its claims electronically. Over a long period of time (including both the current and previous system environments), electronic claims submissions have averaged over 80% of total claims for both hospital and physician claims. Most claims submitted electronically are processed without manual intervention although they are passed through numerous electronic edits to ensure accuracy. Audits have determined that over 99% of electronically submitted claims are paid accurately. Fewer than 20% of total claims are received on paper which require a longer processing and payment time

due to the necessity of manually keying and verifying the required data into the claims system.

### V. PROSPECTIVE CLIENT

Bailey Industries, a white-collar company with approximately 1,500 employees, has requested that Wonderful Life propose on providing a number of employee benefit plans, including medical, group life, and long-term disability. Bailey Industries' employees are primarily located in a single metropolitan area. Bailey Industries' workforce demographics, salary distribution, and average years of service are shown in Table BI-1a. Demographic information for Bailey Industries is available on a four-tier basis. Information on Bailey Industries' current benefits plans is shown in Table BI-1b.

Bailey Industries currently offers its employees a choice of three medical plans on a two-tier basis. The majority of the employees are enrolled in a \$250 deductible, 80%/60% coinsurance PPO plan. Bailey Industries also offers an HMO option as well as a high deductible catastrophic plan. Approximately 10% of employees opt out of medical coverage. Employees contribute approximately 20% of the total cost of medical coverage regardless of coverage tier. Bailey Industries does not offer dental benefits. Employees do have the option of participating in a medical flexible spending account.

Bailey Industries provides all employees life insurance coverage of one times salary at no cost to the employee. Employees may elect to "buy-up" to a coverage level of 1.5, 2.0, 2.5, or 3.0 times salary. Bailey Industries offers employees the option to purchase spousal and/or child life coverage on an employee pay-all basis. Benefit amounts are limited to \$10,000 and \$5,000 for spousal and child coverage, respectively.

Bailey Industries self-insures its short-term disability program and fully-insures its long-term disability program. The LTD program has a three-month elimination period that corresponds to the maximum possible duration of the STD program. The company provides an LTD benefit of 60% of an employee's salary at no cost to the employee. Employees may elect to "buy-up" to a benefit of 66 2/3% of salary. An employee's disability is based on an "own occupation" definition for the first two years of disability and an "any occupation" definition for the balance of the benefit period. Benefits are maintained for the length of an employee's disability, up to age 65, and are directly integrated with Primary Social Security Disability Insurance (SSDI) benefits

TABLE C-1
THREE YEAR FINANCIAL STATEMENT FOR WONDERFUL LIFE INSURANCE COMPANY All Corporate Divisions Combined (Amounts in \$1,000s)

2.7%	\$182,700	2.6%	\$158,100	3.0%	\$162,500	Operating Earnings After Taxes
1.6%	\$111,900	1.6%	\$96,800	1.8%	\$99,400	Total Taxes
4.3%	\$294,600	4.2%	\$254,900	4.8%	\$261,900	Operating Earnings Before Taxes
0.1% <b>3.0%</b>	\$5,500 <b>\$206,600</b>	0.1% <b>2.9</b> %	\$7,900 <b>\$178,800</b>	0.1% <b>3.1</b> %	\$4,600 \$170,800	Other Income  Total Other Income
3.0%	\$201,100	2.8%	\$170,900	3.0%	\$166,200	Other Income  Net Investment Income
1.3%	\$88,000	1.2%	\$76,100	1.7%	\$91,100	Operating Margin
15.1% <b>98.7</b> %	\$1,025,600 <b>\$6,699,500</b>	15.1% <b>98.8%</b>	\$919,400 <b>\$6,016,300</b>	15.1% <b>98.3</b> %	\$829,400 \$5,389,000	Operating Expenses  Total Benefits and Expenses
83.6%	\$5,673,900	83.7%	\$5,096,900	83.2%	\$4,559,600	Benefits and Expenses Incurred Claims
	\$6,787.500		\$6,092,400		\$5,480,100	Total Premium and PEs
	\$2,438,700 \$4.348.800		\$2,165,000 \$3,927,400		\$1,977,100 \$3,503,000	Premium Income Premium Equivalents (PEs)
rieimain	1000	riemani	1990	Freimain	1991	
% of	4000	% of	4008	% of	1007	THE TANK OF THE PARTY OF THE PA

<sup>\*</sup> denominator includes both premium and premium equivalents.

TABLE C-2
1999 YEAR-END BALANCE SHEET FOR WONDERFUL LIFE INSURANCE COMPANY (Amounts in \$1,000s)

\$2,682,700	Total liabilities and shareholders' equity
\$1,132,100	Total shareholders' equity
\$10,700	Other equity
\$807,500	Retained earnings
\$313,900	Common stock and capital surplus
	Shareholders' Equity
\$1,550,600	Total liabilities
\$48,300	Long-term debt
\$13,400	Other liabilities
\$1,327,900	Policy liabilities
\$93,900	Short-term debt
\$67,100	Accounts payable
	Liabilities
\$2,682,500	Total assets
\$136,800	Fixed assets
\$1,952,900	Other assets
\$270,900	Receivables
\$321,900	Cash and short-term investments
	Assets
1999	

TABLE MM-1
THREE YEAR FINANCIAL STATEMENT FOR INDIVIDUAL AND GROUP MAJOR MEDICAL BUSINESS (Amounts in \$1,000s)

		% Of		% of		% of
	1997	Premium	1998	Premium	1999	Premium
Premium Income	\$ 1,281,000		\$ 1,415,000		\$1,584,000	
Paid Claims	\$1,056,000	82.4%	\$1,118,800	79.1%	\$1,279,000	80.7%
Change in Reserves	(\$51,300)	4.0%	\$10,200	0.7%	\$4,000	0.3%
I Otal Cialling Expense	\$ 1,000 ti	6, 1.0.1	# 1 <sub>9</sub> 1 & 0,000	. 0.0	\$ 1,100,000	0.00
Gross Margin	\$276,300	21.6%	\$286,000	20.2%	\$301,000	19.0%
General Administrative Expense	\$140,000	10.5%	\$144,000	10.0%	\$157,000	9.9%
Commissions	\$68,000	5.1%	\$75,000	5.2%	\$81,000	5.1%
Premium Tax	\$27,000	2.0%	\$29,000	2.0%	\$32,000	2.0%
Total Expense	\$235,000	18.3%	\$248,000	17.5%	\$270,000	17.0%
Operating Margin	\$41,300	3.2%	\$38,000	2.7%	\$31,000	2.0%
Investment Income	\$43,000	3.2%	\$43,000	3.0%	\$49,000	3.1%
Other Income	\$1,000	0.1%	\$2,000	0.1%	\$1,000	0.1%
Total Other Income	\$44,000	3.4%	\$45,000	3.5%	\$50,000	3.9%
Operating Earnings Before Taxes	\$85,300	6.7%	\$83,000	5.9%	\$81,000	5.1%
Taxes	\$32,400	2.5%	\$31,500	2.2%	\$30,800	1.9%
Operating Earnings After Taxes	\$52,900	4.1%	\$51,500	3.6%	\$50,200	3.2%

### TABLE MM-2a 2000 RATE MANUAL FOR MAJOR MEDICAL BUSINESS

### 1. Base Manual Claims Rates Effective January 1, 2000

	Total Claims	Relativity
EE Only	\$150.00	1.00
EE and Dependents	\$375.00	2.50
Composite Rate per EE	\$263.00	1.75
Pooling Charge per EE (For Claims > \$50,000)	\$35.00	:

### 2. Claims Trends

	Monthly Trend Rate*
1/98-12/98	0.8%
1/99-12/99	0.9%
1/00-12/00	1.2%

<sup>\*</sup> Monthly trend rates apply to all months in the given year. Claims experience is trended from the midpoint of the experience period to the midpoint of the projection period. For example, 1/98-12/98 claims experience (midpoint of 7/98) that is trended forward to a projection period of 1/99-12/99 (midpoint of 7/99) would require 6 months of monthly 1998 trend and 6 months of monthly 1999 trend, for a total trend factor =  $(1 + .008) ^6 (1 + .009) ^6$ .

### 3. Administrative Expense Scale Per EE

	Monthly
	Administrative
Total EEs	Fee per EE
< 50	\$20.00
50 - 250	\$18.00
250 - 500	\$15.00
> 500	\$12.00

### 4. Commission Scale

	Commission % of
Total EEs	Gross Premium
< 50	10.0%
50 - 250	8.0%
250 - 500	6.0%
> 500	5.0%

### 5. Risk / Profit Load

	Risk/Profit Load % of Gross
Total EEs	Premium
< 50	6 0%
50 - 250	5.0%
250 - 500	4 0%
> 500	3.0%

### TABLE MM-2b 2000 RATE MANUAL FOR MAJOR MEDICAL BUSINESS

### 6. Credibility Factors

	Credibility of Group
Total EEs	Experience
< 50	0.0%
50 - 250	25.0%
250 - 500	50 0%
500 - 1000	75.0%
> 1000	100.0%

### 7. Region Factors

Region	Geographic Factor
Region 1	0.9
Region 2	1.0
Region 3	1.1
Region 4	1.2

### 8. Age and Sex Factors

Age and sex factors range from 0.7 to 2.2. Due to the large size of the complete age/sex factor table, composite factors have been supplied for sample groups in Table MM-3.

### 9. Benefit Factors

	Benefit
Plan Design	Factor
\$100 Deductible	0.85
\$250 Deductible	0.75
\$500 Deductible	0.70

### Notes

- (1) Experience rates are calculated on a composite per employee basis and adjusted to an employee only and employee plus dependent structure. The standard relationship between tiers is the same as for the manual claims rates
- (2) Retrospective Refund Calculation
  - (a) Retrospective rating method is only offered to groups with experience that is considered fully credible (more than 1000 employees).
  - (b) No interest is credited on amounts held.
  - (c) Only claims amounts up to \$50,000 are charged to the group's experience. Claim amounts over \$50,000 are pooled and charged to the group's experience at the pooling charge level.
  - (d) All expenses are according to the scales listed above.
  - (e) The first \$50,000 of any experience refund is held as a rate stabilization reserve. All balances in excess of \$50,000 are returned to the group

SAMPLE OF MAJOR MEDICAL GROUP EXPERIENCE DATA **TABLE MM-3** 

თ	CJI	4	ω	2	<b></b> .	Group			6	ហ	4	ω	Ŋ	<u> </u>	Group		
\$232	\$321	\$241	\$231	\$243	\$180	Rate Per EE (2)	Composite	Current	Mar-00	Feb-00	Jan-00	Mar-00	Feb-00	Jan-00	Rates	for Renewal	Effective Date
<b>\$</b> 133	\$201	\$161	\$116	\$139	\$113	EE Only	Rate	Current	1,500	1,500	1,000	100	50	15	EE Only	Exposure	Annual
\$333	\$503	\$403	\$290	\$348	\$283	EE + Deps	Rate	Current	1,500	1,000	500	200	50	10	EE + Deps	Exposure	Annual
Retrospective	Retrospective	Retrospective	Prospective	Prospective	Prospective	Method	Rating	Current	3,000	2,500	1,500	300	100	25	Total EEs	Exposure	Annual
(\$25,000)	\$25,000	\$50,000	N/A	N/A	N/A	Balance	Formula	Retrospective	 \$6,503,000	\$7,371,000	\$2,831,000	\$644,000	\$207,000	\$34,000	Claims (1)	Total	
1.00	1.20	0.95	1.10	1.05	0.90	Factor (3)	Age/Sex	Composite	\$845,000	\$1,106,000	\$311,000	\$77,000	\$21,000	\$0	> \$50,000	Claims	Amount of
2	ω	4		2	<b>→</b>	Region			\$5,658,000	\$6,265,000	\$2,520,000	\$567,000	\$186,000	\$34,000	< \$50,000	Claims	Net
\$250	\$100	\$500	\$250	\$250	\$500	(Deductible)	Benefit Plan		\$8,352,000	\$9,630,000	\$4,338,000	\$831,600	\$291,600	\$54,000	Premium	Total	

<sup>(1)</sup> Experience period for all groups is July 1, 1998 through June 30, 1999.(2) Current rates are those effective for the twelve months prior to the effective date for each group's renewal rates.(3) The groups' average demographic factors are assumed to be unchanged from the experience period to the effective period of the renewal rates.

TABLE MM-4a
PAID CLAIMS BY MONTH INCURRED
Hospital Data

12/99	11/99	10/99	9/99	8/99	7/99	6/99	5/99	4/99	3/99	2/99	1/99	12/98	11/98	10/98	9/98	8/98	7/98	6/98	5/98	4/98	3/98	2/98	1/98	12/97	11/97	10/97	9/97	8/97	7/97	6/97	5/97	4/97	3/97	2/97	1/97	lacurred Month	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,300	1/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,400	24,100	2/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,600	23,600	34,900	3/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,600	24,600	32,900	40,200	4/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,000	27,900	37,900	36,600	42,000	5/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0	4,300	26,400	37,400	41,900	38,400	43,200	6/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,200	24,600	35,500	41,500	43,600	39,400	44,100	7/97	
0	0	0	0	0	0	o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,100	27,700	35,500	39,300	43,600	44,300	40,000	44,600	8/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,300	24,400	36,200	38,400	40,600	44,500	44,900	40,400	44,800	9/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,200	27,200	34,700	39,500	40,600	41,900	45,400	45,500	40,800	45,000	10/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,300	27,900	34,200	38,000	41,100	41,400	42,400	45,600	45,700	40,800	45,100	11/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,900	25,400	36,600	38,000	39,400	41,800	42,100	42,700	45,800	45,900	40,900	45,200	12/97	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	0	o	0	0	5,100	29,900	35,400	41,900	40,100	40,300	42,300	42,400	43,000	46,100	46,400	41,100	45,300	1/98	
0	0	0	0	0	0	0	Ф	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,400	28,600	38,400	38,300	43,700	40,700	40,800	42,700	42,600	43,100	46,200	46,500	41,100	45,300	2/98	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,600	26,500	39,100	42,900	40,300	44,600	41,200	41,000	42,900	42,800	43,300	46,300	46,500	41,200	45,400	3/98	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,000	28,400	35,800	42,500	44,400	41,600	45,100	41,600	41,300	43,100	43,000	43,400	46,300	46,500	41,200	45,400	4/98	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,100	31,200	41,000	40,000	44,600	45,700	42,200	45,700	41,700	41,500	43,200	43,100	43,500	46,400	46,600	41,300	45,500	5/98	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,400	27,200	40,700	44,100	41,700	46,000	46,300	42,500	46,000	41,900	41,600	43,300	43,100	43,500	46,400	46,600	41,300	45,500	6/98	

# TABLE MM-4b PAID CLAIMS BY MONTH INCURRED Hospital Data

12/99	11/99	10/99	9/99	8/99	7/99	6/99	5/99	4/99	3/99	2/99	1/99	12/98	11/98	10/98	9/98	8/98	7/98	6/98	5/98	4/98	3/98	2/98	1/98	12/97	11/97	10/97	9/97	8/97	7/97	6/97	5/97	4/97	3/97	2/97	1/97	incurred Month	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,900	32,100	39,800	44,900	46,300	42,300	46,700	47,000	42,800	46,500	42,300	41,900	43,600	43,400	43,600	46,600	46,800	41,400	45,500		7/98
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,600	30,600	41,500	43,000	46,400	46,900	43,000	47,000	47,200	42,900	46,600	42,400	42,000	43,700	43,400	43,700	46,700	46,900	41,400	45,500		8/98
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,400	28,400	40,900	44,700	44,200	47,000	47,600	43,400	47,200	47,300	43,000	46,700	42,400	42,000	43,600	43,400	43,700	46,700	46,900	41,400	45,500		9/98
0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,300	31,200	40,300	45,700	46,500	45,000	47,400	47,800	43,700	47,400	47,500	43,200	46,700	42,400	42,000	43,700	43,400	43,700	46,700	46,900	41,400	45,500		10/98
0	0	0	0	0	0	0	0	0	0	0	0	0	4,200	30,900	40,200	43,600	47,300	47,300	45,300	47,700	48,100	43,700	47,600	47,600	43,300	46,800	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		11/98
0	0	0	0	0	0	0	0	0	0	0	0	7,900	31,900	42,500	44,500	45,700	48,500	48,000	45,600	47,900	48,300	43,800	47,700	47,700	43,300	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		12/98
0	0	0	0	0	0	0	0	0	0	0	4,600	34,600	40,800	46,300	46,400	46,500	49,200	48,500	45,800	48,000	48,500	43,900	47,900	47,600	43,400	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		1/99
0	0	0	0	0	0	0	0	0	0	3,900	29,400	43,800	44,200	48,300	47,500	47,200	49,500	48,800	46,200	48,300	48,600	44,000	47,900	47,700	43,400	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		2/99
0	0	0	0	0	0	0	0	0	4,700	28,900	39,800	48,000	46,600	49,700	48,100	47,600	49,900	49,100	46,300	48,600	48,600	44,100	48,000	47,700	43,400	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		3/99
0	0	0	0	0	0	0	0	7,200	37,500	40,800	45,300	50,900	48,000	51,000	48,900	47,900	50,100	49,200	46,600	48,700	48,600	44,100	48,000	47,700	43,500	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		4/99
0	0	0	0	0	0	0	5,300	33,800	46,600	44,500	47,700	51,900	48,500	51,200	49,000	48,000	50,200	49,300	46,600	48,700	48,700	44,000	48,100	47,800	43,500	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		5/99
0	0	0	0	0	0	3,600	30,700	43,900	51,000	46,800	49,200	52,600	49,100	51,400	49,100	48,100	50,300	49,400	46,700	48,800	48,700	44,100	48,100	47,800	43,500	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		6/99
0	0	0	0	0	6,700	34,500	43,100	48,900	53,800	47,900	49,900	53,000	49,400	51,500	49,200	48,200	50,400	49,500	46,800	48,800	48,700	44,100	48,100	47,800	43,500	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		7/99
0	0	0	0	5,400	35,100	45,000	46,900	51,100	55,100	48,500	50,400	53,300	49,700	51,800	49,300	48,200	50,400	49,500	46,800	48,800	48,800	44,100	48,100	47,800	43,500	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		8/99
0	0	0	3,400	33,500	46,200	49,000	49,600	52,100	56,500	48,900	50,600	53,600	49,800	51,900	49,300	48,300	50,500	49,500	46,800	48,900	48,800	44,100	48,100	47,800	43,500	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		9/99
o	0	7,200	38,700	48,600	52,000	52,400	51,200	53,300	57,200	49,400	51,000	54,000	50,000	52,000	49,400	48,300	50,600	49,500	46,800	48,900	48,800	44,100	48,100	47,800	43,500	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		10/99
0	4,100	35,600	48,400	52,800	53,500	53,300	52,000	53,800	57,400	49,700	51,100	54,200	50,100	52,100	49,400	48,500	50,700	49,500	46,800	48,900	48,800	44,100	48,100	47,800	43,500	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		11/99
8,100	39,200	49,300	53,300	55,100	55,000	54,800	52,400	54,100	57,600	49,700	51,200	54,300	50,200	52,200	49,500	48,500	50,700	49,500	46,800	48,900	48,800	44,100	48,100	47,800	43,500	46,900	42,500	42,000	43,700	43,500	43,700	46,700	46,900	41,400	45,500		12/99

TABLE MM-4c
PAID CLAIMS BY MONTH INCURRED
Non-Hospital Data (includes physician and other professional services and prescription drugs)

12/33	4000	11/99	10/99	9/99	8/99	7/99	6/99	5/99	4/99	3/99	2/99	1/99	12/98	11/98	10/98	9/98	8/98	7/98	6/98	5/98	4/98	3/98	2/98	1/98	12/97	11/97	10/97	9/97	8/97	7/97	6/97	5/97	4/97	3/97	2/97	1/97	Incomed Month	
c	,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,000	1,07	1/07
c	•	0	0	0	0	0	0	0	0	0	0	¢	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,100	23,000	7131	2/97
c	,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,300	22,500	30,100	0,07	3/97
c	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,600	25,600	29,400	33,100	40	4/97
c	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,200	28,200	33,100	32,100	34,500	90	5/97
c	>	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,100	27,500	34,100	35,200	33,100	35,100	9	6/97
c	>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,700	26,900	33,300	36,200	36,200	33,600	35,500		7/97
c	<b>5</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,700	28,100	33,600	35,800	37,500	36,900	34,000	35,900	9.0	8/97
c	>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	7,400	25,300	33,800	35,300	36,700	38,000	37,200	34,200	36,000	9	9/97
•	<b>5</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,100	28,000	32,800	36,600	36,400	37,200	38,500	37,500	34,400	36,200		10/97
c	<b>o</b>	<b>O</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,300	29,700	33,200	34,700	37,500	36,900	37,500	38,800	37,600	34,500	36,300		11/97
c	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,100	26,400	36,000	35,400	35,900	38,200	37,200	37,900	39,000	37,800	34,700	36,500	į	12/97
c	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,600	33,900	33,600	38,800	36,700	36,600	38,700	37,500	38,100	39,300	38,000	34,800	36,600		1/98
c	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,400	28,400	40,100	35,400	40,000	37,300	37,000	39,100	37,800	38,300	39,500	38,100	34,900	36,700	,	2/98
c	>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,000	27,500	35,400	42,400	36,500	40,600	37,800	37,200	39,300	37,900	38,500	39,600	38,200	35,000	36,800	1	3/98
c	,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,200	30,100	34,100	37,900	43,600	37,200	41,100	38,100	37,500	39,500	38,100	38,700	39,700	38,300	35,100	36,900		4/98
ć	5	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0	0	0	10,400	32,200	37,600	36,300	39,200	44,100	37,500	41,500	38,400	37,700	39,600	38,200	38,700	39,800	38,400	35,000	36,900		5/98
c	>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	29,800	38,500	39,700	37,300	39,800	44,500	37,700	41,700	38,500	37,800	39,700	38,200	38,800	39,800	38,500	35,100	37,000		6/98

TABLE MM-4d
PAID CLAIMS BY MONTH INCURRED
Non-Hospital Data (includes physician and other professional services and prescription drugs)

12/99	11/99	10/99	9/99	8/99	7/99	6/99	5/99	4/99	3/99	2/99	1/99	12/98	11/98	10/98	9/98	8/98	7/98	6/98	5/98	4/98	3/98	2/98	1/98	12/97	11/97	10/97	9/97	8/97	7/97	6/97	5/97	4/97	3/97	2/97	1/97	Incurred Month	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,800	33,500	36,800	40,900	40,800	37,900	40,300	44,800	37,900	41,900	38,600	37,900	39,800	38,300	38,800	39,900	38,500	35,100	37,000		7/98
0	0	Q	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000	31,900	39,200	38,700	41,800	41,300	38,400	40,600	44,900	38,000	41,900	38,700	38,000	39,800	38,300	38,800	39,900	38,500	35,100	37,000		8/98
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,800	30,600	38,500	41,100	39,700	42,400	41,600	38,600	40,700	45,000	38,100	42,000	38,700	38,000	39,900	38,300	38,900	39,900	38,500	35,100	37,000		9/98
0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,600	33,300	38,300	41,100	42,200	40,300	42,800	41,900	38,800	40,900	45,100	38,200	42,100	38,800	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		10/98
0	0	0	0	0	0	0	0	0	0	0	0	0	9,800	33,500	38,700	40,300	42,100	42,700	40,500	43,000	42,000	38,900	41,100	45,200	38,200	42,100	38,800	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		11/98
0	0	0	0	0	0	0	0	0	0	0	0	15,700	33,500	40,900	41,200	41,600	42,800	43,100	40,800	43,200	42,200	38,900	41,200	45,300	38,300	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		12/98
0	0	0	0	0	0	0	0	0	0	0	8,700	38,000	39,700	43,400	42,400	42,200	43,200	43,500	41,000	43,500	42,300	39,000	41,300	45,300	38,300	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000	-	1/99
0	0	0	0	0	0	0	0	0	0	9,100	28,900	45,700	42,300	44,800	43,100	42,700	43,700	43,700	41,200	43,600	42,400	39,100	41,400	45,300	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		2/99
0	0	0	0	0	0	0	0	0	10,200	29,700	35,800	48,500	43,700	45,600	43,800	43,100	43,900	43,900	41,300	43,700	42,500	39,200	41,500	45,400	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		3/99
0	0	0	0	0	0	0	0	13,600	37,500	37,900	39,000	50,200	44,600	46,300	44,200	43,500	44,100	44,000	41,400	43,900	42,600	39,200	41,600	45,400	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000	, in the second second	4/99
0	0	0	0	0	0	0	11,500	35,600	43,900	40,200	40,500	50,900	45,100	46,600	44,400	43,600	44,200	44,100	41,500	43,900	42,600	39,300	41,600	45,400	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		5/99
0	0	0	0	0	0	10,900	33,000	42,100	46,200	41,300	41,200	51,300	45,400	46,800	44,500	43,700	44,300	44,200	41,600	44,000	42,700	39,300	41,600	45,400	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		6/99
0	0	0	0	0	13,400	37,100	40,700	45,000	47,700	42,200	41,800	51,700	45,700	47,000	44,700	43,800	44,300	44,300	41,600	44 000	42,700	39,300	41,600	45,400	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		7/99
0	0	0	0	12,800	37,200	43,500	42,900	46,300	48,600	42,700	42,200	51,900	45,800	47,100	44,700	43,900	44,400	44,300	41,600	44,000	42,700	39,300	41,600	45,400	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		8/99
0	0	0	10,900	39,200	44,000	45,800	44,200	47,000	49,200	43,100	42,500	52,000	46,000	47,200	44,800	43,900	44,400	44,300	41,600	44,000	42,700	39,300	41,600	45,400	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		9/99
0	0	15,000	41,100	47,600	47,300	47,500	45,100	47,700	49,700	43,500	42,800	52,200	46,100	47,300	44,900	44,000	44,500	44,400	41,700	44,000	42,700	39,300	41,600	45,400	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		10/99
0	13,100	40,000	47,000	50,100	48,600	48,200	45,500	48,000	49,900	43,600	42,900	52,300	46,100	47,300	44,900	44,000	44,500	44,400	41,700	44,000	42,700	39,300	41,600	45,400	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		11/99
18,200	44,100	48,400	49,800	51,600	49,300	48,900	45,900	48,300	50,100	43,800	43,100	52,300	46,200	47,400	44,900	44,000	44,500	44,400	41,700	44,000	42,700	39,300	41,600	45,400	38,400	42,200	38,900	38,100	39,900	38,300	38,900	39,900	38,500	35,100	37,000		12/99

TABLE MM-5a HOSPITAL PAID CLAIMS STATISTICS

11/99 12/99	10/99	9/99	8/99	7/99	6/99	5/99	4/99	3/99	2/99	1/99	12/98	11/98	10/98	9/98	8/98	7/98	6/98	5/98	4/98	3/98	2/98	1/98	12/97	11/97	10/97	9/97	8/97	7/97	6/97	5/97	4/97	3/97	2/97	1/97	Month Paid		
\$51,400 \$68,500	\$72,100	\$53,100	\$53,800	\$60,900	\$49,500	\$49,400	\$64,900	\$50,400	\$46,700	\$48,700	\$56,600	\$45,100	\$55,000	\$44,000	\$45,000	\$58,300	\$43,800	\$55,700	\$44,000	\$46,200	\$43,100	\$51,600	\$43,500	\$42,100	\$54,000	\$40,200	\$52,800	\$42,700	\$46,500	\$55,500	\$46,100	\$46,500	\$43,200	\$51,200	(\$1,000s)	Claims Paid	Total
980,000 979,000	976,000	974,000	974,000	969,000	968,000	967,000	968,000	964,000	966,000	945,000	945,000	945,000	945,000	937,000	939,000	943,000	939,000	940,000	942,000	942,000	940,000	937,000	937,000	936,000	933,000	934,000	939,000	943,000	944,000	944,000	945,000	944,000	943,000	930,000	Exposure	Member	
163,000 232,000	217,000	154,000	192,000	195,000	172,000	152,000	210,000	182,000	174,000	168,000	189,000	141,000	179,000	146,000	162,000	181,000	135,000	206,000	145,000	166,000	151,000	178,000	148,000	139,000	198,000	128,000	192,000	140,000	148,000	165,000	143,000	159,000	140,000	160,000	Received	Claims	Number of
164,000 234,000	218,000	155,000	193,000	196,000	170,000	153,000	211,000	181,000	173,000	169,000	190,000	140,000	178,000	147,000	161,000	180,000	137,000	207,000	144,000	165,000	153,000	181,000	150,000	136,000	200,000	130,000	189,000	142,000	145,000	168,000	142,000	160,000	139,000	160,000	Claims Paid	Number of	
21,000 19,000	22,000	23,000	24,000	25,000	26,000	24,000	25,000	26,000	25,000	24,000	25,000	26,000	25,000	24,000	25,000	24,000	23,000	25,000	26,000	25,000	24,000	26,000	29,000	31,000	28,000	30,000	32,000	29,000	31,000	28,000	31,000	30,000	31,000	30,000	Inventory	Unpaid Claims	Month-end
\$313 \$293	\$331	\$343	\$279	\$311	\$291	\$323	\$308	\$278	\$270	\$288	\$298	\$322	\$309	\$299	\$280	\$324	\$320	\$269	\$306	\$280	\$282	\$285	\$290	\$310	\$270	\$309	\$279	\$301	\$321	\$330	\$325	\$291	\$311	\$320	Per Claim	Amount Paid	Average
2.4 2.3	2.2	2.0	2.1	2.3	2.6	2.4	2.5	2.3	2.4	2.6	2.5	2.4	2.5	2.2	2.3	2.4	2.6	2.5	2.3	2.4	2.6	2.8	3.2	3.1	2.8	2.7	2.9	2.7	2.8	3.0	2.9	3.2	3.0	2.8	Process *	Days to	Average

<sup>\*</sup> Includes non-investigated claims only.

TABLE MM-5b
NON-HOSPITAL PAID CLAIMS STATISTICS

12/99	11/99	10/99	9/99	8/99	7/99	6/99	5/99	4/99	3/99	2/99	1/99	12/98	11/98	10/98	9/98	8/98	7/98	6/98	5/98	4/98	3/98	2/98	1/98	12/97	11/97	10/97	9/97	8/97	7/97	6/97	5/97	4/97	3/97	2/97	1/97	Month Paid	
\$64,800	\$49,700	\$62,300	\$50,200	\$48,900	\$54,500	\$44,600	\$45,900	\$57,200	\$44,800	\$43,600	\$43,100	\$52,900	\$40,500	\$50,700	\$40,600	\$40,300	\$48,100	\$40,900	\$47,400	\$42,400	\$40,700	\$39,800	\$46,100	\$42,700	\$38,500	\$47,400	\$35,500	\$45,300	\$37,900	\$38,900	\$47,300	\$40,400	\$39,000	\$35,600	\$43,100	Total Claims Paid (\$1.000s)	
979,000	980,000	976,000	974,000	974,000	969,000	968,000	967,000	968,000	964,000	966,000	945,000	945,000	945,000	945,000	937,000	939,000	943,000	939,000	940,000	942,000	942,000	940,000	937,000	937,000	936,000	933,000	934,000	939,000	943,000	944,000	944,000	945,000	944,000	943,000	930,000	Member Exposure	
1,475,000	1,190,000	1,595,000	1,230,000	1,150,000	1,252,000	1,072,000	1,148,000	1,471,000	1,198,000	1,091,000	1,144,000	1,227,000	905,000	1,208,000	1,043,000	1,091,000	1,170,000	1,017,000	1,365,000	1,088,000	905,000	955,000	1,260,000	1,183,000	1,042,000	1,157,000	933,000	1,080,000	947,000	1,109,000	1,280,000	1,035,000	932,000	792,000	1,000,000	Number of Claims Received	
1,479,000	1,195,000	1,600,000	1,233,000	1,156,000	1,256,000	1,069,000	1,150,000	1,469,000	1,200,000	1,093,000	1,142,000	1,226,000	907,000	1,207,000	1,041,000	1,092,000	1,168,000	1,020,000	1,363,000	1,087,000	916,000	964,000	1,271,000	1,186,000	1,041,000	1,156,000	934,000	1,079,000	948,000	1,111,000	1,278,000	1,036,000	929,000	791,000	1,002,000	Number of Claims Paid	
95,000	99,000	104,000	109,000	112,000	118,000	122,000	119,000	121,000	119,000	121,000	123,000	121,000	120,000	122,000	121,000	119,000	120,000	118,000	121,000	119,000	118,000	129,000	138,000	149,000	152,000	151,000	150,000	151,000	150,000	151,000	153,000	151,000	152,000	149,000	148,000	Month-end Unpaid Claims Inventory	,
\$44	\$42	\$39	\$41	\$42	\$43	\$42	\$40	\$39	\$37	\$40	\$38	\$43	\$45	\$42	\$39	\$37	\$41	\$40	\$35	\$39	\$44	\$41	\$36	\$36	\$37	\$41	\$38	\$42	\$40	\$35	\$37	\$39	\$42	\$45	\$43	Average Amount Paid Per Claim	
2.2	2.3	2.1	2.0	2.2	2.3	2.4	2.5	2.3	2.7	2.4	2.6	2.5	2.4	2.6	2.3	2.4	2.7	2.6	2.4	2.3	2.5	2.6	2.4	2.7	2.8	2.6	2.9	2.4	2.7	2.9	2.8	3.2	2.9	3.1	3.0	Average Days to Process *	

Includes non-investigated claims only.

TABLE MM-6a INCURRED BUT NOT REPORTED MODEL OUTPUT - HOSPITAL CLAIMS

TABLE MM-6b INCURRED BUT NOT REPORTED MODEL OUTPUT - NON-HOSPITAL CLAIMS

\$35,100 \$37,22 \$38,500 \$39,900 \$41,21 \$0 \$38,900 \$41,231 \$0 \$38,900 \$41,65 \$42,200 \$41,65 \$41,600 \$41,600 \$41,600 \$41,400 \$44,400 \$44,400 \$44,400 \$44,400 \$44,400 \$47,28 \$44,400 \$47,19 \$44,018 \$44,400 \$47,19 \$44,018 \$44,935 \$47,455 \$46,287 \$48,98 \$48,98 \$48,976 \$48,		\$100 610						
\$35,100 \$35,50	979	\$61,712	\$81.63	\$79,912	0.2278	\$18,200	\$64,800	12/99
\$35,100 \$35,500 \$38,500 \$38,500 \$38,500 \$38,500 \$38,500 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$38,900 \$41,63 \$38,900 \$41,63 \$38,900 \$41,63 \$38,900 \$41,63 \$38,900 \$41,63 \$38,900 \$41,63 \$41,600 \$41,600 \$41,63 \$41,600 \$41,600 \$41,600 \$41,000 \$41,600 \$41,000 \$41,600 \$41,103 \$41,700 \$44,400 \$44,400 \$44,400 \$44,400 \$44,400 \$44,400 \$44,400 \$44,935 \$44,400 \$44,9	980	\$16,899	\$62.24	\$60,999	0.7230	\$44,100	\$49,700	11/99
\$35,100 \$35,100 \$35,100 \$35,500 \$38,500 \$38,500 \$38,500 \$38,900 \$41,658 \$41,600 \$41,600 \$42,200 \$44,400 \$41,600 \$44,400 \$44,000 \$44,400 \$44,000 \$44,400 \$44,000 \$44,40	976	\$7,728	\$57.51	\$56,128	0.8623	\$48,400	\$62,300	10/99
\$35,100 \$35,100 \$35,100 \$35,500 \$38,500 \$38,500 \$38,900 \$34,650 \$34,650 \$34,700 \$34,600 \$38,900 \$34,600 \$34,600 \$34,40	974	\$4,658	\$55.91	\$54,458	0.9145	\$49,800	\$50,200	9/99
\$35,100 \$35,100 \$35,100 \$38,500 \$38,500 \$38,500 \$38,900 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$44,500 \$44,300 \$44,300 \$34,20	974	\$3,128	\$56.19	\$54,728	0.9428	\$51,600	\$48,900	8/99
\$35,100 \$38,500 \$38,500 \$38,500 \$38,500 \$38,900 \$39,900 \$39,900 \$38,900 \$34,500 \$38,900 \$38,900 \$34,600 \$34,600 \$34,400 \$34,500 \$34,400 \$34,500 \$34,500 \$34,500 \$34,500 \$34,500 \$34,500 \$34,500 \$34,500 \$34,500 \$34,500 \$34,400 \$34,500 \$34,400 \$34,500 \$34,400 \$34,400 \$34,400 \$34,400 \$34,400 \$34,400 \$34,400 \$34,400 \$34,400 \$34,400 \$34,400 \$34,40	969	\$2,087	\$53.03	\$51,387	0.9594	\$49,300	\$54,500	7/99
\$35,100 \$38,500 \$38,500 \$38,500 \$38,500 \$38,900 \$39,900 \$38,400 \$38,900 \$38,400 \$39,900 \$38,400 \$39,900 \$38,400 \$39,900 \$38,400 \$39,900 \$44,400 \$44,400 \$44,400 \$44,400 \$44,400 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,900 \$44,90	968	\$1,424	\$51.99	\$50,324	0.9717	\$48,900	\$44,600	6/99
\$35,100 \$38,500 \$38,500 \$38,500 \$38,500 \$38,500 \$38,900 \$38,400 \$38,900 \$38,400 \$38,900 \$41,65 \$39,900 \$41,65 \$41,600 \$41,600 \$41,600 \$41,600 \$44,400 \$44,935 \$44,935 \$44,935 \$44,935 \$44,936 \$35,300 \$38,900 \$48,231 \$48,293 \$48,300 \$48,300 \$48,303 \$48,300 \$48,303 \$48,303 \$48,303 \$48,303 \$48,303 \$48,303 \$48,303 \$48,303 \$48,303 \$48,300 \$48,976 \$50,618 \$50,618 \$50,666 \$676	967	\$931	\$48.43	\$46,831	0.9801	\$45,900	\$45,900	5/99
\$35,100 1.0000 \$35,100 \$37.22 \$0  \$38,500 1.0000 \$35,500 \$40.78 \$0  \$39,900 1.0000 \$38,500 \$41.21 \$0  \$38,900 1.0000 \$38,900 \$41.21 \$0  \$38,900 1.0000 \$38,900 \$41.21 \$0  \$38,900 1.0000 \$38,900 \$41.21  \$0  \$38,900 1.0000 \$38,900 \$41.65  \$0  \$42,200 1.0000 \$38,900 \$41.65  \$0  \$43,400 1.0000 \$38,400 \$41.03  \$42,700 1.0000 \$42,700 \$44.40  \$44,000 1.0000 \$42,700 \$44.40  \$44,400 1.0000 \$44,000 \$44.36  \$44,400 1.0000 \$44,000 \$44.36  \$44,900 0.9996 \$44,018 \$46.88  \$44,900 0.9996 \$44,935 \$47.96  \$46,200 0.9981 \$46,287 \$48.98  \$45,400 0.9984 \$44,093 \$45.81  \$45,300 0.9984 \$44,093 \$45.81  \$50,100 0.9898 \$50,618 \$52.51 \$518	968	\$676	\$50.60	\$48,976	0.9862	\$48,300	\$57,200	4/99
\$35,100 1,0000 \$35,100 \$37,22 \$0 \$38,500 1,0000 \$38,500 \$40,78 \$0 \$39,900 1,0000 \$38,900 \$41,21 \$0 \$38,900 1,0000 \$38,900 \$41,21 \$0 \$38,900 1,0000 \$38,900 \$42,21 \$0 \$38,900 1,0000 \$38,900 \$42,21 \$0 \$38,900 1,0000 \$38,900 \$44,231 \$0 \$42,200 1,0000 \$38,900 \$41,65 \$0 \$42,200 1,0000 \$42,200 \$44,500 \$44,400 1,0000 \$44,400 \$44,81 \$0 \$44,400 1,0000 \$44,400 \$44,36 \$0 \$44,400 1,0000 \$44,400 \$47,28 \$0 \$44,400 0,9996 \$44,018 \$46,88 \$18 \$44,900 0,9992 \$44,935 \$47,96 \$35 \$43,100 0,9966 \$52,477 \$55,30 \$177 \$43,100 0,9965 \$43,293 \$45,64 \$293	964	\$518	\$52.51	\$50,618	0.9898	\$50,100	\$44,800	3/99
\$35,100 1.0000 \$35,100 \$37,22 \$0 \$38,500 1.0000 \$38,500 \$40,78 \$0 \$39,900 1.0000 \$38,900 \$42,22 \$38,900 1.0000 \$38,900 \$41,21 \$0 \$38,900 1.0000 \$38,900 \$42,31 \$0 \$38,900 1.0000 \$38,900 \$42,31 \$0 \$38,900 1.0000 \$38,900 \$41,65 \$38,900 1.0000 \$38,900 \$41,65 \$42,200 1.0000 \$42,200 \$45,23 \$0 \$42,200 1.0000 \$41,600 \$44,03 \$0 \$44,000 1.0000 \$44,600 \$44,40 \$0 \$44,700 1.0000 \$44,40 \$41,81 \$0 \$44,000 1.0000 \$44,40 \$41,70 \$44,36 \$0 \$44,400 1.0000 \$44,40 \$44,70 \$44,36 \$0 \$44,400 1.0000 \$44,40 \$44,70 \$47,28 \$0 \$44,400 0.9996 \$44,40 \$44,79 \$46,88 \$18 \$44,900 0.9992 \$44,935 \$47,96 \$35 \$46,200 0.9981 \$46,287 \$48,98 \$87 \$52,300 0.9965 \$43,293 \$45,81 \$193	966	\$293	\$45.64	\$44,093	0.9934	\$43,800	\$43,600	2/99
\$35,100 1.0000 \$35,100 \$37.22 \$0 \$38,500 1.0000 \$38,500 \$40.78 \$0 \$39,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,900 \$42.31 \$0 \$38,900 1.0000 \$38,900 \$42.31 \$0 \$38,900 1.0000 \$38,900 \$41.65 \$0 \$42,200 1.0000 \$42,200 \$45.23 \$0 \$45,400 1.0000 \$45,400 \$41.03 \$0 \$44,600 1.0000 \$42,700 \$44.40 \$0 \$44,700 1.0000 \$44,400 \$44.81 \$0 \$44,400 1.0000 \$44,400 \$44.36 \$0 \$44,400 1.0000 \$44,400 \$47.28 \$0 \$44,400 1.0000 \$44,400 \$47.28 \$0 \$44,400 0.9996 \$44,400 \$47.28 \$0 \$44,900 0.9996 \$44,018 \$46.88 \$18 \$47,400 0.9996 \$44,935 \$47.96 \$35 \$46,200 0.9981 \$46,287 \$48.98 \$87 \$52,300 0.9966 \$52,477 \$55.53 \$177	945	\$193	\$45.81	\$43,293	0.9955	\$43,100	\$43,100	1/99
\$35,100 1.0000 \$38,500 \$40.78 \$0  \$38,500 1.0000 \$38,500 \$40.78 \$0  \$38,900 1.0000 \$38,900 \$42.22 \$0  \$38,900 1.0000 \$38,900 \$41.21 \$0  \$38,900 1.0000 \$38,900 \$41.21 \$0  \$38,900 1.0000 \$38,900 \$42.31 \$0  \$38,900 1.0000 \$38,900 \$42.31 \$0  \$38,900 1.0000 \$38,900 \$41.65 \$0  \$42,200 1.0000 \$38,900 \$41.65 \$0  \$41,200 1.0000 \$38,400 \$41.65 \$0  \$41,600 1.0000 \$45,400 \$44.40  \$39,300 1.0000 \$45,400 \$44.40  \$39,300 1.0000 \$41,600 \$44.40  \$44,000 1.0000 \$42,700 \$45.33 \$0  \$44,400 1.0000 \$44,000 \$44.36 \$0  \$44,400 1.0000 \$44,400 \$47.28 \$0  \$44,900 0.9996 \$44,018 \$46.88 \$18  \$44,900 0.9988 \$47,455 \$50.22 \$55  \$46,200 0.9981 \$46,287 \$48.98 \$87	945	\$177	\$55.53	\$52,477	0.9966	\$52,300	\$52,900	12/98
\$35,100 1.0000 \$35,100 \$37.22 \$0 \$38,500 1.0000 \$38,500 \$40.78 \$0 \$39,900 1.0000 \$38,900 \$42.22 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,900 \$42.31 \$0 \$38,900 1.0000 \$38,900 \$42.31 \$0 \$42,200 1.0000 \$38,900 \$41.65 \$0 \$42,200 1.0000 \$38,400 \$41.65 \$0 \$41,600 1.0000 \$45,400 \$41.03 \$0 \$42,700 1.0000 \$44,400 \$41.81 \$0 \$44,000 1.0000 \$42,700 \$45.33 \$0 \$44,400 1.0000 \$44,000 \$44.36 \$0 \$44,400 1.0000 \$44,400 \$47.28 \$0 \$44,500 1.0000 \$44,400 \$47.28 \$0 \$44,900 0.9996 \$44,018 \$46.88 \$18 \$47,400 0.9988 \$47,455 \$50.22 \$55	945	\$87	\$48.98	\$46,287	0.9981	\$46,200	\$40,500	11/98
\$35,100 1.0000 \$35,100 \$37.22 \$0 \$35,100 1.0000 \$38,500 \$40.78 \$0 \$39,900 1.0000 \$38,900 \$42.22 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,900 \$42.31 \$0 \$38,900 1.0000 \$38,900 \$41.65 \$0 \$38,900 1.0000 \$38,900 \$41.65 \$0 \$42,200 1.0000 \$38,400 \$41.65 \$0 \$41,600 1.0000 \$45,400 \$41.03 \$0 \$42,700 1.0000 \$42,700 \$41.81 \$0 \$44,700 1.0000 \$44,000 \$44.81 \$0 \$44,400 1.0000 \$44,000 \$46.71 \$0 \$44,500 1.0000 \$44,000 \$47.28 \$0 \$44,900 0.9996 \$44,018 \$46.88 \$18 \$48,900 0.9992 \$44,935 \$47.96 \$35	945	\$55	\$50.22	\$47,455	0.9988	\$47,400	\$50,700	10/98
\$35,100 1.0000 \$35,100 \$37.22 \$0 \$38,500 1.0000 \$38,500 \$40.78 \$0 \$38,900 1.0000 \$38,900 \$42.22 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,300 \$42.31 \$0 \$38,900 1.0000 \$38,900 \$42.31 \$0 \$38,900 1.0000 \$38,900 \$41.65 \$0 \$38,400 1.0000 \$38,400 \$41.65 \$0 \$44,200 1.0000 \$38,400 \$41.65 \$0 \$44,600 1.0000 \$44,600 \$44.81 \$0 \$44,700 1.0000 \$42,700 \$45.33 \$0 \$44,700 1.0000 \$44,000 \$45.33 \$0 \$44,400 1.0000 \$44,400 \$45.33 \$0 \$44,500 1.0000 \$44,400 \$45.33 \$0 \$44,500 1.0000 \$44,400 \$45.33 \$0 \$44,500 1.0000 \$44,400 \$45.33 \$0 \$44,500 1.0000 \$44,400 \$45.33 \$0 \$44,500 1.0000 \$44,400 \$45.33 \$0 \$44,500 1.0000 \$44,400 \$45.33 \$0 \$44,500 1.0000 \$44,400 \$45.33 \$0 \$44,500 \$44,500 \$44.36 \$0 \$44,500 \$44.36 \$47.19 \$0	937	\$35	\$47.96	\$44,935	0.9992	\$44,900	\$40,600	9/98
\$35,100 1.0000 \$35,100 \$37.22 \$0 \$38,500 1.0000 \$38,500 \$40.78 \$0 \$38,900 1.0000 \$38,900 \$42.22 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,300 \$40.57 \$0 \$38,900 1.0000 \$38,100 \$42.31 \$0 \$38,900 1.0000 \$38,100 \$42.31 \$0 \$38,900 1.0000 \$38,900 \$41.65 \$0 \$42,200 1.0000 \$38,400 \$41.65 \$0 \$41,600 1.0000 \$42,200 \$45.23 \$0 \$42,700 1.0000 \$44,400 \$44.81 \$0 \$44,700 1.0000 \$44,000 \$44.81 \$0 \$44,400 1.0000 \$44,400 \$45.33 \$0 \$44,400 1.0000 \$44,400 \$45.33 \$0 \$44,500 1.0000 \$44,400 \$45.28 \$0 \$44,500 1.0000 \$44,400 \$45.30 \$0 \$44,500 \$44,500 \$44.36 \$0	939	\$18	\$46.88	\$44,018	0.9996	\$44,000	\$40,300	8/98
\$35,100 1.0000 \$35,100 \$37.22 \$0 \$35,100 1.0000 \$38,500 \$40.78 \$0 \$39,900 1.0000 \$39,900 \$42.22 \$0 \$38,900 1.0000 \$38,300 \$41.21 \$0 \$38,900 1.0000 \$38,300 \$42.31 \$0 \$38,900 1.0000 \$38,100 \$42.31 \$0 \$38,900 1.0000 \$38,100 \$42.31 \$0 \$42,200 1.0000 \$38,400 \$41.65 \$0 \$42,200 1.0000 \$38,400 \$41.65 \$0 \$44,400 1.0000 \$44,400 \$44.81 \$0 \$44,700 1.0000 \$44,000 \$44.81 \$0 \$44,700 1.0000 \$44,000 \$44.36 \$0 \$44,400 1.0000 \$44,400 \$44.36 \$0 \$44,400 1.0000 \$44,400 \$44.36 \$0	943	\$0	\$47.19	\$44,500	1.0000	\$44,500	\$48,100	7/98
\$35,100 1.0000 \$35,100 \$37.22 \$0 \$35,100 1.0000 \$38,500 \$40.78 \$0 \$39,900 1.0000 \$39,900 \$42.22 \$0 \$39,900 1.0000 \$39,900 \$41.21 \$0 \$39,900 1.0000 \$39,900 \$42.31 \$0 \$38,100 1.0000 \$38,100 \$42.31 \$0 \$38,900 1.0000 \$38,100 \$41.65 \$0 \$42,200 1.0000 \$38,900 \$41.65 \$0 \$42,200 1.0000 \$38,400 \$41.65 \$0 \$44,000 1.0000 \$44,400 \$44.81 \$0 \$42,700 1.0000 \$44,400 \$44.81 \$0 \$44,000 1.0000 \$44,000 \$44.81 \$0 \$44,000 1.0000 \$44,000 \$44.86 \$0 \$44,700 1.0000 \$44,000 \$44.86 \$0	939	\$0	\$47.28	\$44,400	1.0000	\$44,400	\$40,900	6/98
\$35,100 1.0000 \$35,100 \$37.22 \$0 \$38,500 1.0000 \$38,500 \$40.78 \$0 \$38,900 1.0000 \$38,900 \$42.22 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,300 \$40.57 \$0 \$38,900 1.0000 \$38,900 \$42.31 \$0 \$38,900 1.0000 \$38,100 \$42.31 \$0 \$38,900 1.0000 \$38,900 \$41.65 \$0 \$42,200 1.0000 \$38,900 \$41.65 \$0 \$45,400 1.0000 \$38,400 \$41.03 \$0 \$41,600 1.0000 \$45,400 \$41.81 \$0 \$42,700 1.0000 \$42,700 \$45.33 \$0 \$44,000 1.0000 \$44,000 \$45.33 \$0	940	\$0	\$44.36	\$41,700	1.0000	\$41,700	\$47,400	5/98
\$35,100 1.0000 \$35,100 \$37.22 \$0 \$38,500 1.0000 \$38,500 \$40.78 \$0 \$38,900 1.0000 \$38,900 \$42.22 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,300 \$40.57 \$0 \$38,900 1.0000 \$38,900 \$42.31 \$0 \$38,100 1.0000 \$38,100 \$40.58 \$0 \$38,900 1.0000 \$38,100 \$41.65 \$0 \$42,200 1.0000 \$38,900 \$41.65 \$0 \$45,400 1.0000 \$38,400 \$41.03 \$0 \$41,600 1.0000 \$45,400 \$41.81 \$0 \$42,700 1.0000 \$42,700 \$45.33 \$0	942	\$0	\$46.71	\$44,000	1.0000	\$44,000	\$42,400	4/98
\$35,100 1.0000 \$35,100 \$37.22 \$0 \$38,500 1.0000 \$38,500 \$40.78 \$0 \$39,900 1.0000 \$38,900 \$42.22 \$0 \$38,900 1.0000 \$38,900 \$41.21 \$0 \$38,900 1.0000 \$38,300 \$40.57 \$0 \$38,900 1.0000 \$39,900 \$42.31 \$0 \$38,100 1.0000 \$38,100 \$40.58 \$0 \$38,900 1.0000 \$38,900 \$41.65 \$0 \$42,200 1.0000 \$38,900 \$41.65 \$0 \$42,200 1.0000 \$42,200 \$45.23 \$0 \$45,400 1.0000 \$38,400 \$41.03 \$0 \$41,600 1.0000 \$44,600 \$44.40 \$0 \$39,300 1.0000 \$39,300 \$41.81 \$0	942	\$0	\$45.33	\$42,700	1.0000	\$42,700	\$40,700	3/98
\$35,100 1,0000 \$35,100 \$37.22 \$0 \$38,500 1,0000 \$38,500 \$40.78 \$0 \$38,900 1,0000 \$38,900 \$42.22 \$0 \$38,900 1,0000 \$38,900 \$41.21 \$0 \$38,300 1,0000 \$38,300 \$40.57 \$0 \$38,300 1,0000 \$39,900 \$42.31 \$0 \$38,100 1,0000 \$38,100 \$40.58 \$0 \$38,900 1,0000 \$38,100 \$41.65 \$0 \$42,200 1,0000 \$38,900 \$41.65 \$0 \$45,400 1,0000 \$38,400 \$41.03 \$0 \$45,400 1,0000 \$41,600 \$44.40 \$0	940	\$0	\$41.81	\$39,300	1.0000	\$39,300	\$39,800	2/98
1,0000 \$35,100 \$37.22 \$0 1,0000 \$38,500 \$40.78 \$0 1,0000 \$38,500 \$40.78 \$0 1,0000 \$39,900 \$42.22 \$0 1,0000 \$38,900 \$41.21 \$0 1,0000 \$38,300 \$40.57 \$0 1,0000 \$38,100 \$42.31 \$0 1,0000 \$38,100 \$40.58 \$0 1,0000 \$38,900 \$41.65 \$0 1,0000 \$38,400 \$41.65 \$0 1,0000 \$45,200 \$45.23 \$0 1,0000 \$45,400 \$45.23 \$0	937	\$0	\$44.40	\$41,600	1.0000	\$41,600	\$46,100	1/98
1,0000 \$35,100 \$37.22 \$0 1,0000 \$38,500 \$40.78 \$0 1,0000 \$38,500 \$42.22 \$0 1,0000 \$38,900 \$41.21 \$0 1,0000 \$38,900 \$41.21 \$0 1,0000 \$38,300 \$40.57 \$0 1,0000 \$38,100 \$42.31 \$0 1,0000 \$38,100 \$40.58 \$0 1,0000 \$38,900 \$41.65 \$0 1,0000 \$42,200 \$45.23 \$0 1,0000 \$38,400 \$41.65 \$0	937	\$0	\$48.45	\$45,400	1.0000	\$45,400		12/97
1,0000 \$35,100 \$37.22 \$0 1,0000 \$35,100 \$40.78 \$0 1,0000 \$38,500 \$40.78 \$0 1,0000 \$39,900 \$42.22 \$0 1,0000 \$38,900 \$41.21 \$0 1,0000 \$38,300 \$40.57 \$0 1,0000 \$39,900 \$42.31 \$0 1,0000 \$38,100 \$40.58 \$0 1,0000 \$38,900 \$41.65 \$0 1,0000 \$38,900 \$41.65 \$0	936	\$0	\$41.03	\$38,400	1.0000	\$38,400		11/97
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1,0000 \$35,100 \$37.22 \$0 1,0000 \$38,500 \$40.78 \$0 1,0000 \$38,900 \$42.22 \$0 1,0000 \$38,900 \$41.21 \$0 1,0000 \$38,300 \$40.57 \$0 1,0000 \$39,900 \$42.31 \$0 1,0000 \$38,100 \$42.31 \$0	934	\$0	\$41.65	\$38,900	1.0000	\$38,900		9/97
1,0000 \$35,100 \$37.22 \$0 1,0000 \$38,500 \$40.78 \$0 1,0000 \$39,900 \$42.22 \$0 1,0000 \$38,900 \$41.21 \$0 1,0000 \$38,300 \$40.57 \$0 1,0000 \$39,900 \$42.31 \$0	939	90	\$40.58	\$38,100	1.0000	\$38,100		8/97
1.0000 \$35,100 \$37.22 \$0 1.0000 \$38,500 \$40.78 \$0 1.0000 \$39,900 \$42.22 \$0 1.0000 \$38,900 \$41.21 \$0 1.0000 \$38,300 \$40.57 \$0	943	\$0	\$42.31	\$39,900	1.0000	\$39,900		7/97
1.0000 \$35,100 \$37.22 \$0 1.0000 \$38,500 \$40.78 \$0 1.0000 \$39,900 \$42.22 \$0 1.0000 \$38,900 \$41.21 \$0	944	\$0	\$40.57	\$38,300	1.0000	\$38,300		6/97
1.0000 \$35,100 \$37.22 \$0 1.0000 \$38,500 \$40.78 \$0 1.0000 \$39,900 \$42.22 \$0	944	\$0	\$41.21	\$38,900	1.0000	\$38,900		5/97
1.0000 \$35,100 \$37.22 \$0 1.0000 \$38,500 \$40.78 \$0	945	\$0	\$42.22	\$39,900	1.0000	\$39,900		4/97
1.0000 \$35,100 \$37.22 \$0	944	\$0	\$40.78	\$38,500	1.0000	\$38,500		3/97
	943	\$0	\$37.22	\$35,100	1.0000	\$35,100		2/97
0\$ 87 PE\$ 000 7E\$ 000 1	930	\$0	\$39.78	\$37,000	1.0000	\$37,000		1/97
0s) (in \$1,000s) Factors (in \$1,000s) Estimate (in \$1,000s)	(in 1,000s)	(in \$1,000s)	Estimate	(in \$1,000s)	Factors	(in \$1,000s)	(in \$1,000s)	Month
Paid & Paid Completion Estimate PMPM Estimate Members	Members	Estimate	PMPM	Estimate	Completion	& Paid	Paid	
				manuad d			China	
6-month Average Factors				rage Factors	6-month Ave			

# TABLE BI-1a TARGET CLIENT: BAILEY INDUSTRIES

### TARGET CLIENT: BAILE General Information

White-collar industry Approximately 1,500 full-time employees Located primarily in single city (Region 2) Average 1999 salary = \$43,365 Average years of service = 8.00

\$22,376,250	\$42,888,750	Total
\$0	\$0	65+
\$0	\$1,200,000	60-64
\$570,000	\$3,375,000	55-59
\$1,687,500	\$5,850,000	50-54
\$3,562,500	\$7,125,000	45-49
\$3,465,000	\$7,755,000	40-44
\$5,100,000	\$6,412,500	35-39
\$3,990,000	\$5,418,750	30-34
\$2,763,750	\$3,412,500	25-29
\$1,102,500	\$2,062,500	20-24
\$135,000	\$277,500	<20
FI	M	Age Band
ution	1999 Payroll Distribution	1991

m
Employee Plus Famil  M F  14 50 72 100 83 53 53 23 7 402

### **TARGET CLIENT: BAILEY INDUSTRIES** TABLE BI-1b

6	<b>→ \$</b> (\$	1 <del>\$</del> (1	Current Benefit Plans  1. Medical (A) PP \$250 d 80% cc
(D) Opt-out of medical coverage	(C) Catastrophic plan \$2,000 deductible 100% coinsurance	(B) HMO \$10 office visit copay 100% coinsurance	t Plans  (A) PPO  \$250 deductible in-network or out-of-network 80% coinsurance in-network 60% coinsurance out-of-network
10.0%	4.5%	27.0%	Employee Election Percentage 58.5%
EE+Dep(s)	EE+Dep(s)	EE+Dep(s)	EE+Dep(s)
10.0% 90.0%	45.0% 55.0%	35.0% 65.0%	Employee Distribution by Tier 30.0% 70.0%

### 2. Dental

No employer sponsored dental program.

### Life Insurance

Employer paid 1 times salary.

Employees can "buy up" to 1.5, 2.0, 2.5, or 3.0 times salary by contributing the difference in the cost of the higher coverage and the employer paid option.

Employee-pay-all option of spousal life insurance for flat \$10,000. Employee-pay-all option of child life insurance for flat \$5,000.

### 4. Disability

Employer self-insured STD program. Fully insured LTD program.

3 month (90 day) elimination period for LTD.

Non-contributory option of 60% of earnings for disability up to age 65.

Employee can "buy up" to 66 2/3% of earnings by contributing the difference in the

cost of the higher coverage and the employer paid option. "Own occupation" definition of disability for first two years. "Any occupation" definition of disability after first two years.

LTD benefits are directly integrated with Primary Social Security Disability Insurance (SSDI)