

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
HEALTH AND GROUP LIFE EXTENSION**

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

HEALTH AND GROUP LIFE EXTENSION

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HEALTH AND GROUP LIFE EXTENSION

I. GROUP LIFE AND DISABILITY DIVISION

The Group Life and Disability (GLD) division is one of four primary corporate divisions of Wonderful Life Insurance Company. The GLD division offers products and services to meet policyholders' needs for financial protection, including group life, both group and individual disability income, and long-term care insurance.

The GLD division provides group life insurance to small, medium, and large size employers, including employee, spouse, child, waiver of premium, and AD&D coverages. The GLD division offers coverage amounts on employees that are based on a multiple of earnings or predetermined flat amounts. Dependent coverage products are typically based only on flat predetermined amounts. The GLD division requires individual short form underwriting on employers with less than 25 employees. No individual underwriting is required for larger employers as long as certain requirements are met. The GLD division also complies with any laws with regard to eligibility and benefits. The group life products are typically marketed through brokers and consultants.

The GLD division maintains reinsurance on any life insurance amounts in excess of \$500,000 and shares in the risk exposure with the reinsurer up to a maximum exposure to the GLD division of \$1,000,000 per life. Amounts over the maximum retained liability of \$1,000,000 can be submitted to the reinsurer on a facultative basis. Waiver of premium benefits are reinsured on the same basis. In addition, the GLD division reinsures any AD&D amount in excess of \$250,000 on a shared basis up to a maximum retained liability of \$750,000 per certificate.

The GLD division offers a range of long-term disability products in both the individual and the group market. All of the GLD division's LTD business is written on a fully insured basis. The individual products comprise approximately 15% of the total LTD business. The GLD division reinsures 50% of its exposure on both the individual disability income (IDI) and group LTD (GLTD) products, up to an overall total maximum disability monthly benefit of \$15,000 per employee or individual.

Financial results for the IDI line are below target, but have improved from very poor results in the late-1990s. Wonderful Life's top management is in the process of evaluating all strategic options with respect to the IDI line.

The division has recently undergone a detailed analysis of the GLTD experience in order to understand the factors that have impacted the recent financial results and to improve the rating process.

The historical premium distribution of the GLTD block of business by elimination period is illustrated below. In 2002, the majority of the GLTD business was written

with a 180-day elimination period. In the most recent two years, the division has seen a shift in the GLTD product line to a 90-day elimination period

Elimination Period	2002	2003	2004
90 day	30.0%	60.0%	60.0%
180 day	50.0%	30.0%	30.0%
Other	20.0%	10.0%	10.0%

Over the past few years, the GLD division has seen a large increase in the number of their clients that have introduced flexible benefits programs. The division has recently invested in system enhancements to ensure the proper level of administrative support for these flexible programs. Historically the GLD division has had a reputation in the marketplace of being fairly inflexible in terms of being able to accommodate non-standard client needs

At the beginning of 2003, the GLD division entered the long-term care marketplace in an attempt to broaden their client base and the group services offered. Initial sales results have exceeded expectations, although current losses have been worse than anticipated. Management is aware that experience for this block of business is not yet credible and is not prepared to make substantial changes in pricing or marketing without further analysis.

Financial information is provided in this case study regarding the group life, IDI, and the GLTD product lines. Detailed financial exhibits for group long-term-care products are not provided. The three-year financial statements illustrated in this case study are recast for 2002 and 2003, with claims expense estimates that reflect claim run-out through the end of 2004.

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.

Group Life Financial Data

The most recent three years of experience for all the group life products (including employee, spouse, child, waiver of premium, and AD&D coverages) are illustrated in Table GLD-1. Fully insured premiums in this regulatory environment are subject to a premium tax, which is shown as an expense line item. Both commissions and premium tax are based on a percent of premium. General expense includes division overhead allocated to the product line. The increase in actuarial reserves is calculated as the year-end reserve less the beginning of the year reserve. Some of the larger employers are subject to experience rating and any amount owed in the form of dividends or experience rating refunds are maintained as a separate line item. Investment income includes earnings on the assets that support the business as well as earnings on operating income.

Group life revenues have increased at an average annual rate of nearly 12.5% over the last two years. Total claims expense and gross operating margins have varied during this

time period. General administrative expenses as a percent of revenue have been steadily increasing, although commissions and premium taxes have remained fairly steady. Operating margins for the past three years have been negative, but strong investment income results have resulted in positive operating earnings for the same period.

Group Life Actual to Tabular Experience

The GLD division has historically used the results of an intercompany claims study to develop group life rates. Expected claim rates versus the actual experience for the group life product are illustrated in Table GLD-2.

LTD Financial Data

The most recent three years of experience for GLTD products are illustrated in Table GLD-3a. Fully insured premiums in this regulatory environment are subject to a premium tax, which is shown as an expense line item. Commissions and premium tax are based on a percent of premium. General expense includes division overhead allocated to the product line. The increase in actuarial reserves is calculated as the year-end reserve less the beginning of the year reserve. Some of the larger employers are subject to experience rating and any amount owed in the form of dividends or experience rating refunds are maintained as a separate line item. Investment income includes earnings on the assets that support the business as well as earnings on operating income.

GLTD premium income for the GLD division has increased at an average annual rate of 12.5% over the last two years. Total claims expense during this period has fluctuated. General administrative expenses have increased, although commissions and premium taxes as a percentage of premium have remained fairly steady. The product line has experienced a loss at the operating margin level for the past three years. Despite strong investment income results, the product line experienced a loss at the pre- and post-tax operating earnings level in 2004.

The most recent three years of experience for the IDI product lines are illustrated in Table GLD-3b. Financial statement line items are similar to those illustrated in Table GLD-3 for the GLTD product lines, with the exception of dividends and experience rating refunds, which are not applicable for the IDI block.

IDI premium income for the GLD division has increased at an average annual rate of 11.2% over the last two years. Total claims expense during this period has deteriorated slightly. General administrative expenses, commissions, and premium taxes as a percentage of premiums have remained fairly steady. The product line has experienced a worsening loss at the operating margin level for the past three years. Because of strong investment income results, the product line experienced a gain at the pre- and post-tax operating earnings level in 2004.

GLTD Claim Lag Data

Tables GLD-4a, GLD-4b, GLD-4c, GLD-4d, and GLD-4e illustrate the claims run-out for the GLTD product line by calendar quarter, beginning with the first quarter of 2001. Earned premium for the calendar quarter is indicated in the first column. Monthly and cumulative paid claims are also shown for each incurral quarter, beginning with the quarter of incurral (duration 0), through each subsequent quarter (durations 1-15). The last available quarter of duration is the fourth quarter of 2004. The estimated open claim reserves and the incurred but not reported reserves are shown by quarter of incurral and duration. Total quarterly gross incurred claims at any particular quarter of duration equal the sum of the accumulated paid claims, the open claim reserves and the incurred but not reported reserve. Total net incurred claims for each incurral quarter at each duration are calculated as the total gross incurred claims less an accumulated investment credit on the total reserves. For each quarter of incurral, an interest adjusted incurred loss ratio is shown at each quarter of duration.

LTD Incidence Rates

Table GLD-5 illustrates the incidence of GLTD claims by quarter of incurral, beginning with the first quarter of 2002, through the fourth quarter of 2004. The number of incurred claims in each quarter is indicated, as is the associated covered lives exposure (on an annualized basis) and the resulting actual annualized incurred claims per 1,000 covered lives incidence rate. The expected annualized incurred claims per 1,000 covered lives incidence rate on an aggregate basis is also shown. The actual to expected incidence ratio is calculated for each quarter.

LTD incidence rates as included in the GLD division's pricing assumptions are shown in Tables GLD-6a and GLD-6b. The incidence rates per 1,000 covered lives are shown by selected ages, by gender, and for the three most common elimination periods for the product line.

LTD Termination Rates

The progression of GLTD claim termination is illustrated in Table GLD-7. The actual number of open GLTD claims is illustrated for each quarter of incurral and subsequent durations through the fourth quarter of 2004. Table GLD-7 also illustrates the expected number of open GLTD claims for each quarter of incurral and duration and the actual to expected ratio of open GLTD claims.

An excerpt from a basic GLTD termination rate table is shown in Table GLD-8a. The table illustrates the rate of disablement after a six-month elimination period per 1,000 covered lives for males at various ages of disability. The probability of termination of disability from either death or recovery is shown by month for the first two years following the disability. The probability of termination of disability from either death or recovery is shown by year after the first two years following the incidence of disability. The GLD division incorporates this table and similar tables into the pricing assumptions.

used for the GLTD product line. A similar excerpt from a basic IDI termination rate table is shown in Table GLD-8b for a three-month elimination period.

TABLE GLD-1
THREE YEAR FINANCIAL STATEMENT FOR GROUP LIFE
(Amounts in \$1,000s)

	2002	% of Premium	2003	% of Premium	2004	% of Premium
Premium Income	\$150,000		\$172,500		\$189,800	
Paid Claims	\$112,500	75.0%	\$138,000	80.0%	\$132,800	70.0%
Increase in Actuarial Reserves	<u>\$6,800</u>	4.5%	<u>\$6,900</u>	4.0%	<u>\$8,000</u>	4.2%
Total Incurred Claims	\$119,300	79.5%	\$144,900	84.0%	\$140,800	74.2%
Dividends and Experience Rating Refunds	<u>\$15,000</u>	10.0%	<u>\$13,800</u>	8.0%	<u>\$22,800</u>	12.0%
Total Claims Expense	\$134,300	89.5%	\$158,700	92.0%	\$163,600	86.2%
Gross Margin	\$15,700	10.5%	\$13,800	8.0%	\$26,200	13.8%
General Administrative Expense	\$12,000	8.0%	\$17,300	10.0%	\$24,700	13.0%
Commissions	\$3,800	2.5%	\$4,000	2.3%	\$4,700	2.5%
Premium Tax	<u>\$2,600</u>	1.7%	<u>\$3,000</u>	1.7%	<u>\$3,200</u>	1.7%
Total Expense	\$18,400	12.3%	\$24,300	14.1%	\$32,600	17.2%
Operating Margin	(\$2,700)	-1.8%	(\$10,500)	-6.1%	(\$6,400)	-3.4%
Investment Income	\$22,500	15.0%	\$17,300	10.0%	\$22,800	12.0%
Other Income	<u>\$0</u>	0.0%	<u>\$0</u>	0.0%	<u>\$0</u>	0.0%
Total Other Income	<u>\$22,500</u>	15.0%	<u>\$17,300</u>	10.0%	<u>\$22,800</u>	12.0%
Operating Earnings Before Taxes	\$19,800	13.2%	\$6,800	3.9%	\$16,400	8.6%
Taxes	<u>\$7,500</u>	5.0%	<u>\$2,600</u>	1.5%	<u>\$6,200</u>	3.3%
Operating Earnings After Taxes	\$12,300	8.2%	\$4,200	2.4%	\$10,200	5.4%

TABLE GLD-2
ACTUAL TO EXPECTED GROUP LIFE CLAIM RATES

*Group Life Monthly Claim Rates
per \$1,000 of Coverage*

Age	Expected		Actual		2004 Volume (in \$1,000s)	2004 Volume (in \$1,000s)
	M	F	M	F		
15	0.160	0.089	0.148	\$248,800	0.084	\$154,500
20	0.124	0.035	0.110	\$1,847,300	0.032	\$1,261,800
25	0.094	0.027	0.089	\$3,056,900	0.024	\$3,163,400
30	0.085	0.041	0.078	\$4,854,100	0.037	\$4,567,500
35	0.100	0.054	0.091	\$5,744,500	0.050	\$5,837,700
40	0.153	0.084	0.137	\$6,947,100	0.079	\$3,966,400
45	0.275	0.120	0.264	\$6,382,800	0.114	\$3,949,900
50	0.449	0.230	0.436	\$5,240,400	0.216	\$1,931,500
55	0.829	0.341	0.743	\$3,023,300	0.316	\$652,700
60	1.159	0.499	1.039	\$1,074,700	0.479	\$127,900

TABLE GLD-3a
THREE YEAR FINANCIAL STATEMENT FOR GROUP LTD
(Amounts in \$1,000s)

	2002	% of Premium	2003	% of Premium	2004	% of Premium
Premium Income	\$100,000		\$115,000		\$126,500	
Paid Claims	\$75,000	75.0%	\$80,500	70.0%	\$101,200	80.0%
Increase in Actuarial Reserves	<u>\$3,800</u>	<u>3.8%</u>	<u>\$4,000</u>	<u>3.5%</u>	<u>\$9,700</u>	<u>7.7%</u>
Total Incurred Claims	\$78,800	78.8%	\$84,500	73.5%	\$110,900	87.7%
Dividends and Experience Rating Refunds	<u>\$11,000</u>	<u>11.0%</u>	<u>\$13,800</u>	<u>12.0%</u>	<u>\$12,700</u>	<u>10.0%</u>
Total Claims Expense	\$89,800	89.8%	\$98,300	85.5%	\$123,600	97.7%
Gross Margin	\$10,200	10.2%	\$16,700	14.5%	\$2,900	2.3%
General Administrative Expense	\$10,000	10.0%	\$12,700	11.0%	\$17,700	14.0%
Commissions	\$2,500	2.5%	\$2,900	2.5%	\$3,200	2.5%
Premium Taxes	<u>\$1,700</u>	<u>1.7%</u>	<u>\$2,000</u>	<u>1.7%</u>	<u>\$2,300</u>	<u>1.8%</u>
Total Expense	\$14,200	14.2%	\$17,600	15.3%	\$23,200	18.3%
Operating Margin	(\$4,000)	-4.0%	(\$900)	-0.8%	(\$20,300)	-16.0%
Investment Income	\$12,000	12.0%	\$10,400	9.0%	\$12,700	10.0%
Other Income	<u>\$0</u>	<u>0.0%</u>	<u>\$0</u>	<u>0.0%</u>	<u>\$0</u>	<u>0.0%</u>
Total Other Income	\$12,000	12.0%	\$10,400	9.0%	\$12,700	10.0%
Operating Earnings Before Taxes	\$8,000	8.0%	\$9,500	8.3%	(\$7,600)	-6.0%
Taxes	<u>\$3,000</u>	<u>3.0%</u>	<u>\$3,600</u>	<u>3.1%</u>	<u>(\$2,900)</u>	<u>-2.3%</u>
Operating Earnings After Taxes	\$5,000	5.0%	\$5,900	5.1%	(\$4,700)	-3.7%

TABLE GLD-3b
THREE YEAR FINANCIAL STATEMENT FOR INDIVIDUAL DI
(Amounts in \$1,000s)

	2002	% of Premium	2003	% of Premium	2004	% of Premium
Premium Income	\$15,200		\$16,900		\$18,800	
Paid Claims	\$7,600	50.0%	\$8,500	50.3%	\$9,400	50.0%
Increase in Actuarial Reserves	\$8,300	54.6%	\$9,500	56.2%	\$10,800	57.4%
Total Incurred Claims	\$15,900	104.6%	\$18,000	106.5%	\$20,200	107.4%
Dividends and Experience Rating Refunds	\$0	0.0%	\$0	0.0%	\$0	0.0%
Total Claims Expense	\$15,900	104.6%	\$18,000	106.5%	\$20,200	107.4%
Gross Margin	(\$700)	-4.6%	(\$1,100)	-6.5%	(\$1,400)	-7.4%
General Administrative Expense	\$3,200	21.1%	\$3,500	20.7%	\$3,900	20.7%
Commissions	\$1,500	9.9%	\$1,700	10.1%	\$1,900	10.1%
Premium Taxes	\$300	2.0%	\$300	1.8%	\$400	2.1%
Total Expense	\$5,000	32.9%	\$5,500	32.5%	\$6,200	33.0%
Operating Margin	(\$5,700)	-37.5%	(\$6,600)	-39.1%	(\$7,600)	-40.4%
Investment Income	\$8,700	57.2%	\$9,500	56.2%	\$10,100	53.7%
Other Income	\$0	0.0%	\$0	0.0%	\$0	0.0%
Total Other Income	\$8,700	57.2%	\$9,500	56.2%	\$10,100	53.7%
Operating Earnings Before Taxes	\$3,000	19.7%	\$2,900	17.2%	\$2,500	13.3%
Taxes	\$1,100	7.2%	\$1,100	6.5%	\$1,000	5.3%
Operating Earnings After Taxes	\$1,900	12.5%	\$1,800	10.7%	\$1,500	8.0%

TABLE GLD-4a
GROUP LTD CLAIM RUNOUT TRIANGLE AT 12/31/2004
(in \$1,000s)

Incurral Quarter	Earned Premium	Item	Quarter of Duration				7
			0	1	2	3	
1Q01	\$21,700	Claims Paid in Quarter	\$0	\$700	\$2,100	\$2,200	\$1,500
		Accumulated Paid Claims	\$0	\$700	\$2,800	\$5,000	\$8,300
		Open Claim Reserves	\$200	\$10,000	\$19,800	\$18,100	\$16,200
		Incurred But Not Reported Reserve	\$15,200	\$9,100	\$1,500	\$0	\$0
		Incurred Claims (Gross)	\$15,400	\$19,800	\$24,100	\$23,100	\$23,000
		Investment Credit @6%	\$0	\$100	\$100	\$100	\$100
		Accumulated Investment Credit	\$0	\$100	\$200	\$300	\$400
		Incurred Claims (Net)	\$15,400	\$19,700	\$23,900	\$22,800	\$500
		Interest Adjusted Incurred Loss Ratio	71.0%	90.8%	110.1%	105.1%	104.1%
							94.9%
2Q01	\$22,500	Claims Paid in Quarter	\$0	\$800	\$2,200	\$2,300	\$1,900
		Accumulated Paid Claims	\$0	\$800	\$3,000	\$5,300	\$7,200
		Open Claim Reserves	\$200	\$10,800	\$21,100	\$19,100	\$17,300
		Incurred But Not Reported Reserve	\$15,800	\$9,500	\$1,600	\$0	\$0
		Incurred Claims (Gross)	\$16,000	\$21,100	\$25,700	\$24,400	\$24,500
		Investment Credit @6%	\$0	\$100	\$100	\$100	\$100
		Accumulated Investment Credit	\$0	\$100	\$200	\$300	\$400
		Incurred Claims (Net)	\$16,000	\$21,000	\$25,500	\$24,100	\$24,100
		Interest Adjusted Incurred Loss Ratio	71.1%	93.3%	113.3%	107.1%	107.1%
							99.1%
3Q01	\$23,300	Claims Paid in Quarter	\$0	\$900	\$2,400	\$2,600	\$2,100
		Accumulated Paid Claims	\$0	\$900	\$3,300	\$5,900	\$8,000
		Open Claim Reserves	\$200	\$11,800	\$22,500	\$21,800	\$19,200
		Incurred But Not Reported Reserve	\$16,300	\$9,800	\$1,600	\$0	\$0
		Incurred Claims (Gross)	\$16,500	\$22,500	\$27,400	\$27,700	\$27,200
		Investment Credit @6%	\$0	\$100	\$100	\$100	\$100
		Accumulated Investment Credit	\$0	\$100	\$200	\$300	\$400
		Incurred Claims (Net)	\$16,500	\$22,400	\$27,200	\$27,400	\$26,800
		Interest Adjusted Incurred Loss Ratio	70.8%	96.1%	116.7%	117.6%	115.0%
							113.7%
4Q01	\$24,200	Claims Paid in Quarter	\$0	\$900	\$2,300	\$2,500	\$2,100
		Accumulated Paid Claims	\$0	\$900	\$3,200	\$5,700	\$7,800
		Open Claim Reserves	\$200	\$12,100	\$22,600	\$22,400	\$18,700
		Incurred But Not Reported Reserve	\$16,900	\$10,100	\$1,700	\$0	\$0
		Incurred Claims (Gross)	\$17,100	\$23,100	\$27,500	\$28,100	\$26,500
		Investment Credit @6%	\$0	\$100	\$100	\$100	\$100
		Accumulated Investment Credit	\$0	\$100	\$200	\$300	\$400
		Incurred Claims (Net)	\$17,100	\$23,000	\$27,300	\$27,800	\$26,100
		Interest Adjusted Incurred Loss Ratio	70.7%	95.0%	112.8%	114.9%	107.9%
							104.7%

TABLE GLD-4b
GROUP LTD CLAIM RUNOUT TRIANGLE AT 12/31/2004
(in \$1,000's)

<i>Incurral Quarter</i>	<i>Earned Premium</i>	<i>Item</i>	Quarter of Duration							
			8	9	10	11	12	13	14	15
1Q01	\$21,700	Claims Paid in Quarter	\$1,300	\$1,200	\$1,000	\$1,000	\$900	\$700	\$600	\$600
		Accumulated Paid Claims	\$12,400	\$13,600	\$14,600	\$15,600	\$16,500	\$17,300	\$18,000	\$18,600
		Open Claim Reserves	\$7,700	\$5,300	\$4,300	\$3,300	\$2,400	\$1,600	\$800	\$200
		Incurred But Not Reported Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Incurred Claims (Gross)	\$20,100	\$18,900	\$18,900	\$18,900	\$18,900	\$18,900	\$18,800	\$18,800
		Investment Credit @6%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Accumulated Investment Credit	\$700	\$700	\$700	\$700	\$700	\$700	\$700	\$700
		Incurred Claims (Net)	\$19,400	\$18,200	\$18,200	\$18,200	\$18,200	\$18,200	\$18,100	\$18,100
		Interest Adjusted Incurred Loss Ratio	89.4%	83.9%	83.9%	83.9%	83.9%	83.9%	83.4%	83.4%
2Q01	\$22,500	Claims Paid in Quarter	\$1,400	\$1,300	\$1,100	\$1,100	\$1,000	\$900	\$800	\$800
		Accumulated Paid Claims	\$13,300	\$14,600	\$15,700	\$16,800	\$17,800	\$18,700	\$19,500	\$19,500
		Open Claim Reserves	\$8,600	\$5,700	\$4,900	\$3,700	\$2,600	\$1,800	\$900	\$900
		Incurred But Not Reported Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Incurred Claims (Gross)	\$21,900	\$20,300	\$20,600	\$20,500	\$20,400	\$20,500	\$20,400	\$20,400
		Investment Credit @6%	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Accumulated Investment Credit	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800
		Incurred Claims (Net)	\$21,100	\$19,500	\$19,800	\$19,700	\$19,600	\$19,700	\$19,600	\$19,600
		Interest Adjusted Incurred Loss Ratio	93.8%	86.7%	88.0%	87.6%	87.6%	87.1%	87.1%	87.1%
3Q01	\$23,300	Claims Paid in Quarter	\$1,500	\$1,500	\$1,200	\$1,200	\$1,100	\$1,100	\$1,000	\$1,000
		Accumulated Paid Claims	\$14,500	\$16,000	\$17,200	\$18,400	\$19,500	\$20,500	\$20,500	\$20,500
		Open Claim Reserves	\$9,500	\$6,400	\$5,300	\$3,900	\$2,800	\$1,900	\$1,900	\$1,900
		Incurred But Not Reported Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Incurred Claims (Gross)	\$24,000	\$22,400	\$22,500	\$22,300	\$22,300	\$22,300	\$22,400	\$22,400
		Investment Credit @6%	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Accumulated Investment Credit	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800
		Incurred Claims (Net)	\$23,200	\$21,600	\$21,700	\$21,500	\$21,500	\$21,500	\$21,600	\$21,600
		Interest Adjusted Incurred Loss Ratio	99.6%	92.7%	93.1%	92.3%	92.3%	92.3%	92.7%	92.7%
4Q01	\$24,200	Claims Paid in Quarter	\$1,500	\$1,500	\$1,200	\$1,200	\$1,100	\$1,100	\$1,000	\$1,000
		Accumulated Paid Claims	\$14,300	\$15,800	\$17,000	\$18,200	\$19,300	\$19,300	\$19,300	\$19,300
		Open Claim Reserves	\$9,600	\$6,400	\$5,400	\$3,900	\$2,800	\$1,900	\$1,900	\$1,900
		Incurred But Not Reported Reserve	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Incurred Claims (Gross)	\$23,900	\$22,200	\$22,400	\$22,100	\$22,100	\$22,100	\$22,100	\$22,100
		Investment Credit @6%	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Accumulated Investment Credit	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800
		Incurred Claims (Net)	\$23,100	\$21,400	\$21,600	\$21,300	\$21,300	\$21,300	\$21,300	\$21,300
		Interest Adjusted Incurred Loss Ratio	95.5%	88.4%	89.3%	88.0%	88.0%	88.0%	88.0%	88.0%

TABLE GLD-4c
GROUP LTD CLAIM RUNOUT TRIANGLE AT 12/31/2004
 (in \$1,000s)

<i>Incurral Quarter</i>	<i>Earned Premium</i>	<i>Item</i>	Quarter of Duration				<i>7</i>
			<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	
1Q02	\$23,600	Claims Paid in Quarter	\$0	\$900	\$2,200	\$2,500	\$1,700
		Accumulated Paid Claims	\$0	\$900	\$3,100	\$5,600	\$9,300
		Open Claim Reserves	\$200	\$10,000	\$18,600	\$16,500	\$12,600
		Incurred But Not Reported Reserve	\$16,500	\$9,900	\$1,700	\$0	\$0
		Incurred Claims (Gross)	\$16,700	\$20,800	\$23,400	\$22,100	\$20,200
		Investment Credit @6%	\$0	\$100	\$100	\$100	\$0
		Accumulated Investment Credit	\$0	\$100	\$200	\$300	\$500
		Incurred Claims (Net)	\$16,700	\$20,700	\$23,200	\$19,800	\$18,800
		Interest Adjusted Incurred Loss Ratio	70.8%	98.3%	92.4%	83.9%	83.5%
2Q02	\$24,500	Claims Paid in Quarter	\$0	\$900	\$2,300	\$2,700	\$2,200
		Accumulated Paid Claims	\$0	\$900	\$3,200	\$5,900	\$8,100
		Open Claim Reserves	\$200	\$10,700	\$20,600	\$17,800	\$13,800
		Incurred But Not Reported Reserve	\$17,200	\$10,300	\$1,700	\$0	\$0
		Incurred Claims (Gross)	\$17,400	\$21,900	\$25,500	\$23,700	\$21,900
		Investment Credit @6%	\$0	\$100	\$100	\$100	\$100
		Accumulated Investment Credit	\$0	\$100	\$200	\$300	\$400
		Incurred Claims (Net)	\$17,400	\$21,800	\$25,300	\$23,400	\$21,500
		Interest Adjusted Incurred Loss Ratio	71.0%	89.0%	103.3%	95.5%	87.8%
3Q02	\$25,400	Claims Paid in Quarter	\$0	\$900	\$2,500	\$3,000	\$2,300
		Accumulated Paid Claims	\$0	\$900	\$3,400	\$6,400	\$8,700
		Open Claim Reserves	\$200	\$11,400	\$22,200	\$19,400	\$15,500
		Incurred But Not Reported Reserve	\$17,800	\$10,700	\$1,800	\$0	\$0
		Incurred Claims (Gross)	\$18,000	\$23,000	\$27,400	\$25,800	\$24,200
		Investment Credit @6%	\$0	\$100	\$100	\$100	\$100
		Accumulated Investment Credit	\$0	\$100	\$200	\$300	\$400
		Incurred Claims (Net)	\$18,000	\$22,900	\$27,200	\$25,500	\$23,800
		Interest Adjusted Incurred Loss Ratio	70.9%	90.2%	107.1%	100.4%	93.7%
4Q02	\$26,400	Claims Paid in Quarter	\$0	\$900	\$2,300	\$2,900	\$2,200
		Accumulated Paid Claims	\$0	\$900	\$3,200	\$6,100	\$8,300
		Open Claim Reserves	\$200	\$11,200	\$22,800	\$19,900	\$15,300
		Incurred But Not Reported Reserve	\$18,500	\$11,100	\$1,900	\$0	\$0
		Incurred Claims (Gross)	\$18,700	\$23,200	\$27,900	\$26,000	\$23,600
		Investment Credit @6%	\$0	\$100	\$100	\$100	\$100
		Accumulated Investment Credit	\$0	\$100	\$200	\$300	\$400
		Incurred Claims (Net)	\$18,700	\$23,100	\$27,700	\$25,700	\$21,900
		Interest Adjusted Incurred Loss Ratio	70.8%	87.5%	104.9%	97.3%	83.0%

TABLE GLD-4d
GROUP LTD CLAIM RUNOUT TRIANGLE AT 12/31/2004
 (in \$1,000s)

<i>Incurral Quarter</i>	<i>Earned Premium</i>	<i>Item</i>	Quarter of Duration		
			8	9	10
1Q02	\$23,600	Claims Paid in Quarter	\$1,400	\$1,400	\$1,100
		Accumulated Paid Claims	\$13,800	\$15,200	\$16,300
		Open Claim Reserves	\$4,300	\$2,700	\$2,100
		Incurred But Not Reported Reserve	\$0	\$0	\$0
		Incurred Claims (Gross)	\$18,100	\$17,900	\$18,400
		Investment Credit @6%	\$0	\$0	\$0
		Accumulated Investment Credit	\$500	\$500	\$500
		Incurred Claims (Net)	\$17,600	\$17,400	\$17,900
		Interest Adjusted Incurred Loss Ratio	74.6%	73.7%	75.8%
					77.5%
2Q02	\$24,500	Claims Paid in Quarter	\$1,500	\$1,500	\$1,200
		Accumulated Paid Claims	\$14,700	\$16,200	\$17,400
		Open Claim Reserves	\$4,800	\$2,900	\$2,000
		Incurred But Not Reported Reserve	\$0	\$0	\$0
		Incurred Claims (Gross)	\$19,500	\$19,100	\$19,400
		Investment Credit @6%	\$0	\$0	\$0
		Accumulated Investment Credit	\$600	\$600	\$600
		Incurred Claims (Net)	\$18,900	\$18,500	\$18,800
		Interest Adjusted Incurred Loss Ratio	77.1%	75.5%	76.7%
3Q02	\$25,400	Claims Paid in Quarter	\$1,700	\$1,600	\$1,600
		Accumulated Paid Claims	\$16,100	\$17,700	\$17,700
		Open Claim Reserves	\$5,400	\$2,700	\$2,700
		Incurred But Not Reported Reserve	\$0	\$0	\$0
		Incurred Claims (Gross)	\$21,500	\$20,400	\$20,400
		Investment Credit @6%	\$0	\$0	\$0
		Accumulated Investment Credit	\$600	\$600	\$600
		Incurred Claims (Net)	\$20,900	\$19,800	\$19,800
		Interest Adjusted Incurred Loss Ratio	82.3%	78.0%	78.0%
4Q02	\$26,400	Claims Paid in Quarter	\$1,600	\$1,600	\$1,600
		Accumulated Paid Claims	\$15,500	\$15,500	\$15,500
		Open Claim Reserves	\$4,700	\$4,700	\$4,700
		Incurred But Not Reported Reserve	\$0	\$0	\$0
		Incurred Claims (Gross)	\$20,200	\$20,200	\$20,200
		Investment Credit @6%	\$0	\$0	\$0
		Accumulated Investment Credit	\$600	\$600	\$600
		Incurred Claims (Net)	\$19,600	\$19,600	\$19,600
		Interest Adjusted Incurred Loss Ratio	74.2%	74.2%	74.2%

TABLE GLD-4e
GROUP LTD CLAIM RUNOUT TRIANGLE AT 12/31/2004
 (in \$,000s)

<i>Incurral Quarter</i>	<i>Earned Premium</i>	<i>Item</i>	Quarter of Duration				<i>7</i>
			<i>0</i>	<i>1</i>	<i>2</i>	<i>5</i>	
1Q03	\$27,100	Claims Paid in Quarter	\$0	\$700	\$1,900	\$2,500	\$2,000
		Accumulated Paid Claims	\$0	\$700	\$2,600	\$5,100	\$7,300
		Open Claim Reserves	\$200	\$11,900	\$23,800	\$21,800	\$17,200
		Incurred But Not Reported Reserve	\$19,000	\$11,400	\$1,900	\$0	\$14,000
		Incurred Claims (Gross)	\$19,200	\$24,000	\$28,300	\$26,900	\$24,500
		Investment Credit @6%	\$0	\$100	\$100	\$100	\$100
		Accumulated Investment Credit	\$0	\$100	\$200	\$300	\$400
		Incurred Claims (Net)	\$19,200	\$23,900	\$28,100	\$26,600	\$24,100
		Interest Adjusted Incurred Loss Ratio	70.8%	88.2%	103.7%	98.2%	88.9%
							84.5%
							72.3%
2Q03	\$28,100	Claims Paid in Quarter	\$0	\$700	\$1,900	\$2,500	\$2,200
		Accumulated Paid Claims	\$0	\$700	\$2,600	\$5,100	\$7,300
		Open Claim Reserves	\$200	\$11,600	\$22,700	\$20,400	\$15,900
		Incurred But Not Reported Reserve	\$19,700	\$11,800	\$24,000	\$0	\$0
		Incurred Claims (Gross)	\$19,900	\$24,100	\$27,300	\$25,500	\$23,200
		Investment Credit @6%	\$0	\$100	\$100	\$100	\$100
		Accumulated Investment Credit	\$0	\$100	\$200	\$300	\$400
		Incurred Claims (Net)	\$19,900	\$24,000	\$27,100	\$25,200	\$22,800
		Interest Adjusted Incurred Loss Ratio	70.8%	85.4%	96.4%	89.7%	81.1%
							76.9%
							69.0%
3Q03	\$29,200	Claims Paid in Quarter	\$0	\$800	\$2,100	\$2,700	\$2,300
		Accumulated Paid Claims	\$0	\$800	\$2,900	\$5,600	\$7,900
		Open Claim Reserves	\$200	\$11,800	\$23,300	\$21,300	\$16,900
		Incurred But Not Reported Reserve	\$20,400	\$12,200	\$20,000	\$0	\$0
		Incurred Claims (Gross)	\$20,600	\$24,800	\$28,200	\$26,900	\$24,800
		Investment Credit @6%	\$100	\$100	\$200	\$100	\$100
		Accumulated Investment Credit	\$100	\$200	\$300	\$400	\$500
		Incurred Claims (Net)	\$20,500	\$24,600	\$27,900	\$26,500	\$24,300
		Interest Adjusted Incurred Loss Ratio	70.2%	84.2%	95.5%	90.8%	83.2%
							68.2%
4Q03	\$30,300	Claims Paid in Quarter	\$0	\$1,000	\$2,400	\$3,200	\$2,700
		Accumulated Paid Claims	\$0	\$1,000	\$3,400	\$6,600	\$9,300
		Open Claim Reserves	\$200	\$13,400	\$26,000	\$21,600	\$14,500
		Incurred But Not Reported Reserve	\$21,200	\$12,700	\$21,100	\$0	\$0
		Incurred Claims (Gross)	\$21,400	\$27,100	\$31,500	\$28,200	\$23,800
		Investment Credit @6%	\$100	\$100	\$200	\$100	\$100
		Accumulated Investment Credit	\$100	\$200	\$300	\$400	\$500
		Incurred Claims (Net)	\$21,300	\$26,900	\$31,200	\$27,800	\$23,300
		Interest Adjusted Incurred Loss Ratio	70.3%	88.8%	103.0%	91.7%	76.9%

TABLE GLD-5
INCIDENCE OF GROUP LTD CLAIMS STATISTICS BY INCURRAL QUARTER

		1Q02	2Q02	3Q02	4Q02
# Incurred Claims	443	483	526	601	
Annualized Exposure in Lives	600,150	622,656	646,005	670,230	
Annualized Claims per 1,000 Lives	2.95	3.10	3.26	3.58	
Expected Claims Per 1,000 Lives	3.50	3.50	3.50	3.50	
Actual/Expected	84.4%	88.6%	93.1%	102.6%	

		1Q03	2Q03	3Q03	4Q03
# Incurred Claims	748	853	841	916	
Annualized Exposure in Lives	695,364	721,440	748,494	776,563	
Annualized Claims per 1,000 Lives	4.30	4.73	4.49	4.72	
Expected Claims Per 1,000 Lives	3.50	3.50	3.50	3.50	
Actual/Expected	123.0%	135.2%	128.4%	134.9%	

		1Q04	2Q04	3Q04	4Q04
# Incurred Claims	998	984	714	185	
Annualized Exposure in Lives	805,684	835,897	867,243	899,765	
Annualized Claims per 1,000 Lives	4.96	4.71	3.30	0.82	
Expected Claims Per 1,000 Lives	3.50	3.50	3.50	3.50	
Actual/Expected	141.6%	134.6%	94.1%	23.5%	

TABLE GLD-6a
EXPECTED GROUP LTD INCIDENCE RATES

Group LTD Pricing Model
GLTD Annual incidence Rates /1,000 Lives

Age	Male				Female		
	3-month	6-month	12-month		3-month	6-month	12-month
22	1.48	0.80	0.51		1.88	1.00	0.76
27	1.57	0.89	0.59		2.04	1.16	0.98
32	1.80	1.05	0.75		2.66	1.55	1.34
37	2.34	1.37	1.03		3.95	2.32	2.21
42	3.33	2.02	1.59		5.02	3.05	3.35
47	5.38	3.56	2.92		7.00	4.63	3.79
52	8.97	6.62	5.57		9.87	7.28	6.68
57	15.04	11.87	10.01		13.54	10.68	9.51
62	21.33	16.71	13.45		16.00	12.53	10.09

TABLE GLD-6b
EXPECTED IDI INCIDENCE RATES

IDI Pricing Model
IDI Annual incidence Rates /1,000 Lives

Age	Male				Female		
	3-month	6-month	12-month		3-month	6-month	12-month
22	4.19	N/A	N/A		6.11	N/A	N/A
27	4.37	N/A	N/A		7.52	N/A	N/A
32	4.54	N/A	N/A		8.93	N/A	N/A
37	5.38	N/A	N/A		10.66	N/A	N/A
42	7.23	N/A	N/A		12.85	N/A	N/A
47	10.25	N/A	N/A		15.07	N/A	N/A
52	15.03	N/A	N/A		17.30	N/A	N/A
57	20.92	N/A	N/A		19.96	N/A	N/A
62	28.44	N/A	N/A		23.24	N/A	N/A

TABLE GLD-7
TERMINATION OF GROUP LTD CLAIM EXPERIENCE

Incurral Quarter	Actual Number of Claims at Calendar Quarter															
	1Q01	2Q01	3Q01	4Q01	1Q02	2Q02	3Q02	4Q02	1Q03	2Q03	3Q03	4Q03	1Q04	2Q04	3Q04	4Q04
1Q01	385	322	268	281	240	221	215	206	176	162	161	158	154	144	142	139
2Q01		399	316	278	263	243	222	210	202	177	175	168	161	155	151	146
3Q01		414	383	337	319	316	285	257	234	177	170	169	165	165	161	161
4Q01			-	425	393	379	358	324	306	277	253	211	205	201	191	187
1Q02			-	443	429	395	380	353	348	329	316	253	230	219	215	215
2Q02			-	483	468	430	425	385	364	359	345	303	291	266	266	266
3Q02			-	-	526	486	448	443	401	396	391	375	300	298	298	298
4Q02			-	-	-	601	565	535	528	521	473	447	429	377	377	377
1Q03			-	-	-	748	724	637	575	570	539	533	489	489	489	489
2Q03			-	-	-	853	788	727	719	719	680	643	608	608	608	608
3Q03			-	-	-	-	841	814	749	749	709	641	551	551	551	551
4Q03			-	-	-	-	-	916	887	745	738	738	841	883	839	839
1Q04			-	-	-	-	-	-	998	922	851	851	884	884	839	839
2Q04			-	-	-	-	-	-	-	984	922	883	883	839	839	839
3Q04			-	-	-	-	-	-	-	714	714	566	566	566	566	566
4Q04			-	-	-	-	-	-	-	-	185	185	185	185	185	185

Incurral Quarter	Expected Number of Claims at Calendar Quarter															
	1Q01	2Q01	3Q01	4Q01	1Q02	2Q02	3Q02	4Q02	1Q03	2Q03	3Q03	4Q03	1Q04	2Q04	3Q04	4Q04
1Q01	453	411	390	376	369	338	318	310	306	288	276	271	269	260	254	251
2Q01		470	427	405	391	383	351	331	323	318	299	287	282	280	270	264
3Q01			488	443	421	406	398	364	343	335	330	310	298	293	290	280
4Q01				506	459	436	420	412	377	355	346	342	322	309	304	301
1Q02					525	477	453	437	428	392	369	360	355	334	321	316
2Q02						545	495	470	453	444	407	384	375	369	347	333
3Q02							565	513	487	470	460	421	397	387	382	359
4Q02								586	532	505	487	478	438	413	403	397
1Q03									608	552	524	505	496	454	428	418
2Q03										631	573	544	525	514	471	444
3Q03											655	595	565	545	534	489
4Q03											679	616	585	564	563	586
1Q04											705	640	608	596	596	630
2Q04												731	664	630	630	630
3Q04												759	689	689	689	689
4Q04												787	787	787	787	787

Incurral Quarter	Actual to Expected															
	1Q01	2Q01	3Q01	4Q01	1Q02	2Q02	3Q02	4Q02	1Q03	2Q03	3Q03	4Q03	1Q04	2Q04	3Q04	4Q04
1Q01	85.0%	78.3%	68.7%	69.4%	65.0%	65.4%	67.6%	66.5%	57.5%	56.3%	58.3%	58.3%	57.2%	55.4%	55.9%	55.4%
2Q01		84.9%	74.0%	68.3%	67.3%	63.4%	63.2%	63.4%	62.5%	55.7%	58.5%	58.5%	57.1%	55.4%	55.9%	55.3%
3Q01			84.8%	86.5%	80.0%	78.6%	79.4%	78.3%	74.9%	69.9%	73.6%	73.6%	56.7%	57.7%	56.9%	57.5%
4Q01				84.0%	85.6%	86.9%	85.2%	79.6%	81.2%	78.0%	73.1%	61.7%	63.7%	65.0%	62.8%	62.1%
1Q02					84.4%	89.9%	87.2%	85.2%	82.5%	88.8%	89.2%	87.8%	71.3%	68.9%	68.2%	68.0%
2Q02						88.6%	94.5%	91.5%	93.8%	86.7%	89.4%	93.5%	92.0%	82.1%	83.9%	79.9%
3Q02							93.1%	94.7%	92.0%	94.3%	87.2%	94.1%	98.5%	78.5%	83.0%	83.0%
4Q02								102.5%	104.3%	105.9%	108.4%	109.0%	108.5%	106.5%	95.0%	95.0%
1Q03									123.0%	131.2%	121.6%	113.9%	114.9%	118.7%	124.5%	117.0%
2Q03										135.2%	137.5%	135.6%	137.0%	132.3%	136.5%	136.9%
3Q03											128.4%	135.8%	132.6%	130.1%	112.7%	120.0%
4Q03												134.9%	144.0%	127.4%	130.9%	132.0%
1Q04												141.6%	144.1%	140.0%	143.5%	143.5%
2Q04												134.6%	133.0%	133.2%	133.2%	133.2%
3Q04												94.1%	94.1%	82.1%	82.1%	82.1%
4Q04												787	787	23.5%	23.5%	23.5%

TABLE GLD-8a
BASIC GLTD TABLE - TERMINATION FROM DISABLEMENT RATES

Death & Recovery - Males

Duration of Disablement	Age at Disablement								
	22	27	32	37	42	47	52	57	62
<i>6-month elimination period</i>									
6 months *	0.80	0.89	1.05	1.37	2.02	3.56	6.62	11.87	16.71
7 months	0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.02	0.02
8 months	0.07	0.06	0.05	0.05	0.04	0.04	0.03	0.02	0.02
9 months	0.06	0.06	0.05	0.04	0.04	0.03	0.03	0.02	0.01
10 months	0.06	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.01
11 months	0.05	0.05	0.04	0.03	0.03	0.03	0.02	0.02	0.01
12 months	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.01
First Year Annualized	0.31	0.28	0.24	0.21	0.19	0.17	0.14	0.11	0.07
13 months	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.01
14 months	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.01
15 months	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.01
16 months	0.03	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.01
17 months	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01
18 months	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
19 months	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
20 months	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00
21 months	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.00
22 months	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.00
23 months	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.00
24 months	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.00
Second Year Annualized	0.30	0.27	0.24	0.22	0.19	0.17	0.14	0.11	0.06
3rd year	0.20	0.18	0.16	0.14	0.12	0.10	0.09	0.07	0.06
4th year	0.14	0.12	0.10	0.08	0.07	0.06	0.05	0.05	0.05
5th year	0.11	0.09	0.08	0.06	0.05	0.05	0.05	0.05	0.05
6th year	0.08	0.07	0.06	0.05	0.05	0.04	0.04	0.05	0.05
7th year	0.06	0.06	0.05	0.05	0.04	0.04	0.04	0.04	0.05
8th year	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
9th year	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
10th year	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.06
11th year	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.07
12th year	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.07
13th year	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.06	0.08
14th year	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.06	0.08
15th year	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.06	0.09
16th year	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.07	0.10
17th year	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.07	0.11
18th year	0.03	0.03	0.03	0.04	0.04	0.04	0.06	0.08	0.11
19th year	0.03	0.03	0.03	0.04	0.04	0.04	0.06	0.08	0.12
20th year	0.03	0.03	0.03	0.04	0.04	0.05	0.06	0.09	0.13
21st year	0.03	0.03	0.04	0.04	0.04	0.05	0.07	0.10	0.14
22nd year	0.03	0.03	0.04	0.04	0.04	0.05	0.07	0.11	0.15
23rd year	0.03	0.03	0.04	0.04	0.04	0.06	0.08	0.11	0.16
24th year	0.03	0.03	0.04	0.04	0.04	0.06	0.08	0.12	0.18
25th year	0.03	0.03	0.04	0.04	0.05	0.06	0.09	0.13	0.19
26th year	0.03	0.04	0.04	0.04	0.05	0.07	0.10	0.14	0.20
27th year	0.03	0.04	0.04	0.04	0.05	0.07	0.11	0.15	0.22
28th year	0.03	0.04	0.04	0.04	0.06	0.08	0.11	0.16	0.24
29th year	0.03	0.04	0.04	0.04	0.06	0.08	0.12	0.18	0.25
30th year	0.03	0.04	0.04	0.05	0.06	0.09	0.13	0.19	0.27
31st year	0.04	0.04	0.04	0.05	0.07	0.10	0.14	0.20	0.29
32nd year	0.04	0.04	0.04	0.05	0.07	0.11	0.15	0.22	0.31
33rd year	0.04	0.04	0.04	0.06	0.08	0.11	0.16	0.24	0.33
34th year	0.04	0.04	0.04	0.06	0.08	0.12	0.18	0.25	0.35
35th year	0.04	0.04	0.05	0.06	0.09	0.13	0.19	0.27	0.37
36th year	0.04	0.04	0.05	0.07	0.10	0.14	0.20	0.29	0.39
37th year	0.04	0.04	0.05	0.07	0.11	0.15	0.22	0.31	0.41
38th year	0.04	0.04	0.06	0.08	0.11	0.16	0.24	0.33	0.44

* rate of disablement after a six-month elimination period per 1,000 covered lives

TABLE GLD-8b
BASIC IDI TABLE - TERMINATION FROM DISABLEMENT RATES

Death & Recovery - Males

Duration of Disablement	Age at Disablement								
	22	27	32	37	42	47	52	57	62
	3-month elimination period								
3 months *	4.19	4.37	4.54	5.38	7.23	10.25	15.03	20.92	28.44
4 months	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.06
5 months	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.05
6 months	0.08	0.08	0.08	0.08	0.07	0.07	0.06	0.06	0.06
7 months	0.08	0.08	0.08	0.08	0.07	0.07	0.06	0.06	0.05
8 months	0.08	0.08	0.08	0.07	0.07	0.06	0.06	0.05	0.04
9 months	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.04	0.03
10 months	0.06	0.06	0.06	0.05	0.05	0.04	0.04	0.03	0.03
11 months	0.06	0.06	0.05	0.05	0.05	0.04	0.03	0.03	0.02
12 months	0.06	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.02
First Year Annualized	0.49	0.48	0.47	0.45	0.43	0.41	0.38	0.35	0.31
13 months	0.06	0.06	0.05	0.05	0.04	0.04	0.03	0.02	0.02
14 months	0.06	0.06	0.05	0.05	0.04	0.03	0.03	0.02	0.02
15 months	0.06	0.06	0.05	0.04	0.04	0.03	0.03	0.02	0.02
16 months	0.06	0.06	0.05	0.04	0.03	0.03	0.02	0.02	0.02
17 months	0.05	0.05	0.04	0.04	0.03	0.02	0.02	0.02	0.01
18 months	0.05	0.05	0.04	0.03	0.03	0.02	0.02	0.01	0.01
19 months	0.05	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01
20 months	0.05	0.04	0.03	0.03	0.02	0.02	0.01	0.01	0.01
21 months	0.04	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01
22 months	0.04	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01
23 months	0.04	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01
24 months	0.04	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.01
Second Year Annualized	0.46	0.44	0.39	0.33	0.28	0.23	0.19	0.16	0.16
3rd year	0.38	0.35	0.26	0.20	0.16	0.13	0.11	0.10	0.09
4th year	0.21	0.19	0.15	0.12	0.10	0.08	0.08	0.07	0.08
5th year	0.14	0.13	0.10	0.08	0.07	0.07	0.06	0.07	0.08
6th year	0.08	0.07	0.06	0.05	0.05	0.05	0.05	0.06	0.07
7th year	0.05	0.05	0.05	0.04	0.04	0.04	0.05	0.06	0.08
8th year	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.06	0.09
9th year	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.07	0.09
10th year	0.03	0.03	0.03	0.03	0.04	0.04	0.06	0.07	0.10
11th year	0.03	0.03	0.03	0.03	0.04	0.05	0.06	0.09	0.14
12th year	0.03	0.03	0.03	0.03	0.04	0.05	0.07	0.10	0.15
13th year	0.03	0.03	0.03	0.03	0.04	0.05	0.07	0.10	0.16
14th year	0.03	0.03	0.03	0.04	0.04	0.06	0.07	0.11	0.17
15th year	0.03	0.03	0.03	0.04	0.05	0.06	0.08	0.12	0.19
16th year	0.03	0.03	0.03	0.04	0.05	0.06	0.08	0.13	0.20
17th year	0.03	0.03	0.03	0.04	0.05	0.07	0.09	0.14	0.22
18th year	0.03	0.03	0.03	0.04	0.05	0.07	0.10	0.15	0.23
19th year	0.03	0.03	0.04	0.04	0.06	0.07	0.10	0.16	0.25
20th year	0.03	0.03	0.04	0.05	0.06	0.08	0.11	0.17	0.27
21st year	0.03	0.03	0.04	0.05	0.06	0.08	0.12	0.18	0.29
22nd year	0.03	0.03	0.04	0.05	0.07	0.09	0.13	0.20	0.31
23rd year	0.03	0.03	0.04	0.05	0.07	0.10	0.14	0.21	0.34
24th year	0.03	0.04	0.04	0.06	0.07	0.10	0.15	0.23	0.36
25th year	0.03	0.04	0.05	0.06	0.08	0.11	0.16	0.24	0.39
26th year	0.03	0.04	0.05	0.06	0.08	0.12	0.17	0.26	0.41
27th year	0.04	0.04	0.05	0.07	0.09	0.13	0.18	0.28	0.44
28th year	0.04	0.04	0.05	0.07	0.10	0.14	0.20	0.30	0.47
29th year	0.04	0.04	0.06	0.07	0.10	0.15	0.21	0.32	0.50
30th year	0.04	0.05	0.06	0.08	0.11	0.16	0.23	0.35	0.54
31st year	0.04	0.05	0.06	0.08	0.12	0.17	0.25	0.37	0.57
32nd year	0.04	0.05	0.07	0.09	0.13	0.18	0.26	0.40	0.60
33rd year	0.05	0.05	0.07	0.10	0.14	0.20	0.28	0.42	0.64
34th year	0.05	0.06	0.07	0.10	0.15	0.21	0.31	0.45	0.67
35th year	0.05	0.06	0.08	0.11	0.16	0.23	0.33	0.48	0.73
36th year	0.05	0.06	0.08	0.12	0.17	0.24	0.35	0.52	0.81
37th year	0.06	0.07	0.09	0.13	0.18	0.26	0.38	0.56	0.90
38th year	0.06	0.07	0.10	0.14	0.20	0.28	0.40	0.59	1.00

* rate of disablement after a three-month elimination period per 1,000 covered lives