



69,000,000 Shares

The Goldman Sachs Group, Inc.
Common Stock

This is an initial public offering of shares of common stock of The Goldman Sachs Group, Inc. This prospectus relates to an offering of 55,200,000 shares in the United States and Canada. In addition, 9,200,000 shares are being offered outside the United States, Canada and the Asia/Pacific region and 4,600,000 shares are being offered in the Asia/Pacific region.

Goldman Sachs is offering 51,000,000 of the shares to be sold in the offerings. Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association are each offering an additional 9,000,000 shares.

Prior to this offering, there has been no public market for the common stock. Goldman Sachs will list the common stock on the New York Stock Exchange under the symbol "GS".

See "Risk Factors" beginning on page 11 to read about factors you should consider before buying shares of the common stock.

Neither the Securities and Exchange Commission nor any other regulatory body has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

	<u>Per Share</u>	<u>Total</u>
Initial public offering price	\$53.00	\$3,657,000,000
Underwriting discount	\$ 2.25	\$ 155,250,000
Proceeds, before expenses, to Goldman Sachs	\$50.75	\$2,588,250,000
Proceeds, before expenses, to the selling shareholders	\$50.75	\$ 913,500,000

This offering includes 9,000,000 shares of common stock purchased by the underwriters pursuant to options granted by The Goldman Sachs Group, Inc. See "Underwriting".

The underwriters expect to deliver the shares in New York, New York on May 7, 1999.

Global Coordinator

Goldman, Sachs & Co.

Goldman, Sachs & Co.

Bear, Stearns & Co. Inc.	Credit Suisse First Boston	Donaldson, Lufkin & Jenrette
Lehman Brothers	Merrill Lynch & Co.	J.P. Morgan & Co.
Morgan Stanley Dean Witter	PaineWebber Incorporated	Prudential Securities
Salomon Smith Barney	Sanford C. Bernstein & Co., Inc.	Schroder & Co. Inc.

Our Business Principles

1.

Our clients' interests always come first. Our experience shows that if we serve our clients well, our own success will follow.

2.

Our assets are our people, capital and reputation. If any of these is ever diminished, the last is the most difficult to restore. We are dedicated to complying fully with the letter and spirit of the laws, rules and ethical principles that govern us. Our continued success depends upon unswerving adherence to this standard.

3.

Our goal is to provide superior returns to our shareholders. Profitability is critical to achieving superior returns, building our capital, and attracting and keeping our best people. Significant employee stock ownership aligns the interests of our employees and our shareholders.

4.

We take great pride in the professional quality of our work. We have an uncompromising determination to achieve excellence in everything we undertake. Though we may be involved in a wide variety and heavy volume of activity, we would, if it came to a choice, rather be best than biggest.

5.

We stress creativity and imagination in everything we do. While recognizing that the old way may still be the best way, we constantly strive to find a better solution to a client's problems. We pride ourselves on having pioneered many of the practices and techniques that have become standard in the industry.

6.

We make an unusual effort to identify and recruit the very best person for every job. Although our activities are measured in billions of dollars, we select our people one by one. In a service business, we know that without the best people, we cannot be the best firm.

7.

We offer our people the opportunity to move ahead more rapidly than is possible at most other places. We have yet to find the limits to the responsibility that our best people are able to assume. Advancement depends solely on ability, performance and contribution to the Firm's success, without regard to race, color, religion, sex, age, national origin, disability, sexual orientation, or any other impermissible criterion or circumstance.

8.

We stress teamwork in everything we do. While individual creativity is always encouraged, we have found that team effort often produces the best results. We have no room for those who put their personal interests ahead of the interests of the Firm and its clients.

9.

The dedication of our people to the Firm and the intense effort they give their jobs are greater than one finds in most other organizations. We think that this is an important part of our success.

10.

We consider our size an asset that we try hard to preserve. We want to be big enough to undertake the largest project that any of our clients could contemplate, yet small enough to maintain the loyalty, the intimacy and the esprit de corps that we all treasure and that contribute greatly to our success.

11.

We constantly strive to anticipate the rapidly changing needs of our clients and to develop new services to meet those needs. We know that the world of finance will not stand still and that complacency can lead to extinction.

12.

We regularly receive confidential information as part of our normal client relationships. To breach a confidence or to use confidential information improperly or carelessly would be unthinkable.

13.

Our business is highly competitive, and we aggressively seek to expand our client relationships. However, we must always be fair competitors and must never denigrate other firms.

14.

Integrity and honesty are at the heart of our business. We expect our people to maintain high ethical standards in everything they do, both in their work for the Firm and in their personal lives.

PROSPECTUS SUMMARY

This summary highlights information contained elsewhere in this prospectus. This summary does not contain all of the information that you should consider before investing in the common stock. You should read the entire prospectus carefully, especially the risks of investing in the common stock discussed under "Risk Factors" on pages 11-21.

The Goldman Sachs Group, Inc.

Goldman Sachs is a leading global investment banking and securities firm with three principal business lines:

- Investment Banking;
- Trading and Principal Investments; and
- Asset Management and Securities Services.

Our goal is to be the advisor of choice for our clients and a leading participant in global financial markets. We provide services worldwide to a substantial and diversified client base, which includes corporations, financial institutions, governments and high net worth individuals.

For our fiscal year ended November 27, 1998, our net revenues were \$8.5 billion and our pre-tax earnings were \$2.9 billion, and for our fiscal quarter ended February 26, 1999, our net revenues were \$3.0 billion and our pre-tax earnings were \$1.2 billion. As of February 26, 1999, our total assets were \$230.6 billion and our partners' capital was \$6.6 billion.

We have over time produced strong earnings growth and attractive returns on partners' capital through different economic and market conditions. Over the last 15 years, our pre-tax earnings have grown from \$462 million in 1983 to \$2.9 billion in 1998, representing a compound annual growth rate of 13%. Economic and market conditions can, however, significantly affect our performance. For example, in the second half of fiscal 1998, our performance was adversely affected by turbulence in global financial markets.

We have achieved this growth, which has been generated without the benefit of a large acquisition, by maintaining an intense commitment to our clients, focusing on our core businesses and key opportunities, and operating as an integrated franchise.

Because we believe that the needs of our clients are global and that international markets have high growth potential, we have built upon our strength in the United States to achieve leading positions in other parts of the world. Today, we have a strong global presence as evidenced by the geographic breadth of our transactions, leadership in our core products and the size of our international operations. As of February 26, 1999, we operated offices in 23 countries and 36% of our 13,000 employees were based outside the United States.

We are committed to a distinctive culture and set of core values. These values are reflected in our Business Principles, which emphasize placing our clients' interests first, integrity, commitment to excellence and innovation, and teamwork.

Goldman Sachs is managed by its principal owners. Simultaneously with the offerings, we will grant restricted stock units, stock options or interests in a defined contribution plan to substantially all of our employees. Following the offerings, our employees, including former partners, will own approximately 65% of Goldman Sachs. None of our employees are selling shares in the offerings.

Why We Are Going Public

We have decided to become a public company for three principal reasons:

- to secure permanent capital to grow;
- to share ownership broadly among our employees now and through future compensation; and
- to permit us to use publicly traded securities to finance strategic acquisitions that we may elect to make in the future.

Summary Financial Data

(\$ in millions)

	As of or for Year Ended November			As of or for Three Months Ended February	
	1996	1997	1998	1998	1999
Net revenues:					
Investment Banking	\$ 2,113	\$ 2,587	\$ 3,368	\$ 633	\$ 902
Trading and Principal Investments	2,693	2,926	2,379	1,182	1,357
Asset Management and Securities Services ..	<u>1,323</u>	<u>1,934</u>	<u>2,773</u>	<u>657</u>	<u>736</u>
Total net revenues	<u>\$ 6,129</u>	<u>\$ 7,447</u>	<u>\$ 8,520</u>	<u>\$ 2,472</u>	<u>\$ 2,995</u>
Pre-tax earnings (1)	\$ 2,606	\$ 3,014	\$ 2,921	\$ 1,022	\$ 1,188
Total assets	152,046	178,401	217,380	—	230,624
Partners' capital	5,309	6,107	6,310	—	6,612
Pre-tax return on average partners' capital (1) ..	51%	53%	47%	—	—

Read the table above in conjunction with the footnotes to "Selected Consolidated Financial Data" as well as the following footnote:

(1) Since we have historically operated in partnership form, payments to our profit participating limited partners have been accounted for as distributions of partners' capital rather than as compensation expense. As a result, our pre-tax earnings and compensation and benefits expense have not reflected any payments for services rendered by our managing directors who were profit participating limited partners. Accordingly, our historical pre-tax earnings understate the expected operating costs to be incurred by us after the offerings. As a corporation, we will include payments for services rendered by our managing directors who were profit participating limited partners in compensation and benefits expense. For financial information that reflects pro forma compensation and benefits expense as if we had been a corporation, see "Pro Forma Consolidated Financial Information".

Strategy and Principal Business Lines

Our strategy is to grow our three core businesses — Investment Banking, Trading and Principal Investments, and Asset Management and Securities Services — in markets throughout the world. Our leadership position in investment banking provides us with access to governments, financial institutions and corporate clients globally. Trading and principal investing has been an important part of our culture and earnings, and we remain committed to these businesses irrespective of their volatility. Managing wealth is one of the fastest growing segments of the financial services industry and we are positioning our asset management and securities services businesses to take advantage of that growth.

Investment Banking

Investment Banking represented 39% of fiscal 1998 net revenues and 35% of fiscal 1997 net revenues. We are a market leader in both the financial advisory and underwriting businesses, serving over 3,000 clients worldwide. For the period January 1, 1994 to December 31, 1998, we had the industry-leading market share of 25.3% in worldwide mergers and acquisitions advisory services, having advised on over \$1.7 trillion of transactions. Over the same period, we also achieved number one market shares of 15.2% in underwriting worldwide initial public offerings and 14.4% in underwriting worldwide common stock issues. The source for this market share information is Securities Data Company.

Trading and Principal Investments

Trading and Principal Investments represented 28% of fiscal 1998 net revenues and 39% of fiscal 1997 net revenues. We make markets in equity and fixed income products, currencies and commodities; enter into swaps and other derivative transactions; engage in proprietary trading and arbitrage; and make principal investments. In trading, we focus on building lasting relationships with our most active clients while maintaining leadership positions in our key markets. We believe our research, market-making and proprietary activities enhance our understanding of markets and ability to serve our clients.

Asset Management and Securities Services

Asset Management and Securities Services represented 33% of fiscal 1998 net revenues and 26% of fiscal 1997 net revenues. We provide global investment management and advisory services; earn commissions on agency transactions; manage merchant banking funds; and provide prime brokerage, securities lending and financing services. Our asset management business has grown rapidly, with assets under supervision increasing from \$92.7 billion as of November 25, 1994 to \$369.7 billion as of February 26, 1999, representing a compound annual growth rate of 38%. As of February 26, 1999, we had \$206.4 billion of assets under management. We manage merchant banking funds that had \$15.5 billion of capital commitments as of the end of fiscal 1998.

Assets under supervision are comprised of assets under management and other client assets. Assets under management typically generate fees based on a percentage of their value. Other client assets are comprised of assets in brokerage accounts of primarily high net worth individuals, on which we earn commissions.

We pursue our strategy to grow our three core businesses through an emphasis on:

Expanding High Value-Added Businesses

To achieve strong growth and high returns, we seek to build leadership positions in high value-added services such as mergers

and acquisitions, executing large and complex transactions for institutional investors and asset management.

Increasing the Stability of Our Earnings

While we plan to continue to grow each of our core businesses, our goal is to gradually increase the stability of our earnings by emphasizing growth in Investment Banking and Asset Management and Securities Services.

Pursuing International Opportunities

We believe that our global reach will allow us to take advantage of international growth opportunities. For example, we expect increased business activity as a result of the establishment of the European Economic and Monetary Union, the shift we anticipate toward privatization of pension systems and the changing demographics around the world.

Leveraging the Franchise

We believe our various businesses are generally stronger and more successful because they are part of the Goldman Sachs franchise. Our culture of teamwork fosters cooperation among our businesses, which allows us to provide our clients with a full range of products and services on a coordinated basis.

Competitive Strengths

Strong Client Relationships

We focus on building long-term client relationships. For example, in fiscal 1998, over 75% of our Investment Banking revenues represented business from existing clients.

Distinctive People and Culture

Our most important asset is our people. We seek to reinforce our employees' commitment to our culture and values through recruiting, training, a comprehensive review system and a compensation philosophy that rewards teamwork.

Global Reach

We have achieved leading positions in major international markets by capitalizing on

our product knowledge and global research, as well as by building a local presence where appropriate. As a result, we are one of the few truly global investment banking and securities firms with the ability to execute large and complex cross-border transactions.

Industry and Economic Outlook

We believe that significant growth and profit opportunities exist in the financial services industry over the long term. These opportunities derive from long-term trends, including financial market deregulation, the globalization of the world economy, the increasing focus of companies on shareholder value, consolidations in various industries, growth in investable funds and accelerating

technology and financial product innovation. We believe that over the last 15 years these trends, coupled with generally declining interest rates and favorable market conditions, have contributed to a substantially higher rate of growth in activity in the financial services industry than the growth in overall economic activity. While the future economic environment may not be as favorable as that experienced in the last 15 years and there may be periods of adverse economic and market conditions, we believe that these trends should continue to affect the financial services industry positively over the long term.

The following table sets forth selected key industry indicators:

Key Industry Indicators
(\$ in billions, except gross domestic product)
(volume in millions of shares)

	As of or for Year Ended December 31,				CAGR(6) '83-'98
	1983	1988	1993	1998	
Worldwide gross domestic product (in trillions) (1)	\$ 10	\$ 18	\$ 24	\$ 29(7)	8%(7)
Worldwide mergers and acquisitions(2) ...	96	527	460	2,522	24
Worldwide equity issued(2)	50	51	172	269	12
Worldwide debt issued(2)	146	631	1,546	2,932	22
Worldwide equity market capitalization(3) ..	3,384	9,728	14,016	27,459	15
NYSE average daily volume	85	162	265	674	15
Worldwide pension assets(4)	\$1,900	\$3,752	\$ 6,560	\$10,975	12
U.S. mutual fund assets(5)	293	810	2,075	5,530	22

(1) Source: The Economist Intelligence Unit, January 1999.

(2) Source: Securities Data Company.

(3) Source: International Finance Corporation.

(4) Source: InterSec Research Corp.

(5) Source: Investment Company Institute.

(6) Compound annual growth rate.

(7) Data as of December 31, 1997; compound annual growth rate 1983-1997.

Our Headquarters

Our headquarters are located at 85 Broad Street, New York, New York 10004, telephone (212) 902-1000.

The Offerings

Common stock:

Offered by Goldman Sachs (1)	51,000,000 shares
Offered by Sumitomo Bank Capital Markets, Inc.	9,000,000 shares
Offered by Kamehameha Activities Association (2)	<u>9,000,000 shares</u>
Total	<u>69,000,000 shares</u>
U.S. offering	55,200,000 shares
International offering	9,200,000 shares
Asia/Pacific offering	<u>4,600,000 shares</u>
Total	<u>69,000,000 shares</u>

Shares outstanding as adjusted for the offerings (3):

Shares issued in the incorporation transactions (4)	381,130,459
Shares contributed to the defined contribution plan	<u>12,555,866</u>
Shares outstanding prior to the offerings (5)	393,686,325
Shares offered by Goldman Sachs	<u>51,000,000</u>
Shares outstanding as adjusted for the offerings (6)	<u>444,686,325</u>

- (1) Includes 9,000,000 shares of common stock purchased by the underwriters pursuant to the exercise, in full, of options to purchase additional shares granted by The Goldman Sachs Group, Inc. The information in this prospectus gives effect to this exercise.
- (2) Kamehameha Activities Association is the owner of the shares to be offered. The Estate of Bernice Pauahi Bishop, an affiliate of Kamehameha Activities Association, is joining in and consenting to the sale.
- (3) Excludes 30,025,946 shares of common stock underlying the restricted stock units awarded to employees based on a formula, 33,292,869 shares of common stock underlying the restricted stock units awarded to employees on a discretionary basis and 40,127,592 shares of common stock underlying the stock options awarded to employees on a discretionary basis.
- (4) Includes 7,440,362 shares of nonvoting common stock issued to Sumitomo Bank Capital Markets, Inc. that are convertible into shares of common stock on a one-for-one basis.
- (5) Shares outstanding, including the shares of common stock underlying the restricted stock units awarded to employees based on a formula, are 423,712,271 prior to the offerings.
- (6) For the purpose of calculating basic earnings per share and book value per share, shares of common stock and nonvoting common stock outstanding include 30,025,946 shares of common stock underlying the restricted stock units awarded to employees based on a formula since future service is not required as a condition to the delivery of the underlying shares of common stock. The shares of common stock underlying these restricted stock units generally will be issuable and deliverable in equal installments on or about the first, second and third anniversaries of the consummation of the offerings, assuming the relevant conditions are satisfied.

Voting Rights The holders of common stock will have one vote per share.

Dividend Policy The holders of common stock, as well as the holders of nonvoting common stock, will share proportionately on a per share basis in all dividends and other distributions declared by our board of directors. Our board of directors currently intends to declare quarterly dividends on all outstanding shares and expects that the first quarterly dividend will be \$0.12 per share, and that it will be declared during the third quarter of fiscal 1999. For a discussion of the factors that affect the determination by our board of directors to declare dividends, as well as other matters concerning our dividend policy, see "Dividend Policy" and "Business — Regulation".

Use of Proceeds We will receive net proceeds from our sales of common stock in the offerings of \$2.6 billion. We will use the net proceeds to provide additional funds for our operations and for other general corporate purposes, although we have not yet determined a specific use. Pending

specific application of the net proceeds, we expect to use them to purchase short-term marketable securities.

We will not receive any of the proceeds from sales of common stock by Sumitomo Bank Capital Markets, Inc. or Kamehameha Activities Association in the offerings.

Risk Factors For a discussion of factors you should consider before buying shares of common stock, see “Risk Factors”.

New York Stock
Exchange Symbol .. GS

Summary Consolidated Financial Data

The summary historical consolidated income statement and balance sheet data set forth below have been derived from our consolidated financial statements and their notes. Our consolidated financial statements have been audited by PricewaterhouseCoopers LLP, independent accountants, as of November 28, 1997 and November 27, 1998 and for the years ended November 29, 1996, November 28, 1997 and November 27, 1998. Our condensed consolidated financial statements have been reviewed by PricewaterhouseCoopers LLP as of February 26, 1999 and for the three months ended February 26, 1999. These financial statements are included elsewhere in this prospectus, together with the reports thereon of PricewaterhouseCoopers LLP.

The summary historical consolidated income statement and balance sheet data set forth below as of November 25, 1994, November 24, 1995 and November 29, 1996 and for the years ended November 25, 1994 and November 24, 1995 have been derived from our audited consolidated financial statements that are not included in this prospectus.

The summary historical consolidated income statement and balance sheet data set forth below as of and for the three months ended February 26, 1999 have been derived from our unaudited condensed consolidated financial statements that, in the opinion of management, include all adjustments, consisting only of normal recurring adjustments, necessary for a fair presentation. The interim results set forth below

for the three months ended February 26, 1999 may not be indicative of results for the full year.

The pro forma data set forth below for the year ended November 27, 1998 and as of and for the three months ended February 26, 1999 have been derived from the pro forma data set forth in "Pro Forma Consolidated Financial Information" included elsewhere in this prospectus. The pro forma consolidated income statement information set forth in "Pro Forma Consolidated Financial Information" for the year ended November 27, 1998 has been examined by PricewaterhouseCoopers LLP. The pro forma consolidated financial information as of and for the three months ended February 26, 1999 has been reviewed by PricewaterhouseCoopers LLP.

In addition to the offerings of common stock, the pro forma adjustments reflect the transactions described under "Certain Relationships and Related Transactions", compensation and benefits related to services rendered by our managing directors who were profit participating limited partners, the provision for corporate income taxes and the other transactions described under "Pro Forma Consolidated Financial Information".

The summary consolidated financial data should be read in conjunction with "Management's Discussion and Analysis of Financial Condition and Results of Operations", "Pro Forma Consolidated Financial Information" and the consolidated financial statements and their notes.

Summary Consolidated Financial Data

	As of or for Year Ended November					As of or for Three Months Ended February 1999
	1994	1995	1996	1997	1998	(unaudited)
(in millions, except per share amounts)						
Income Statement Data:						
Net revenues	\$ 3,537	\$ 4,483	\$ 6,129	\$ 7,447	\$ 8,520	\$ 2,995
Pre-tax earnings (1)	508	1,368	2,606	3,014	2,921	1,188
Balance Sheet Data:						
Total assets (2)	\$95,296	\$100,066	\$152,046	\$178,401	\$217,380	\$230,624
Long-term borrowings	14,418	13,358	12,376	15,667	19,906	20,405
Partners' capital	4,771	4,905	5,309	6,107	6,310	6,612
Pro Forma Data (3):						
Pro forma net earnings	—	—	—	—	\$ 1,256	\$ 516
Pro forma diluted earnings per share as adjusted for the offerings (4)	—	—	—	—	2.62	1.06
Pro forma stockholders' equity as adjusted for the offerings	—	—	—	—	—	7,627
Pro forma book value per share as adjusted for the offerings	—	—	—	—	—	16.07
Selected Data and Ratios (unaudited):						
Pre-tax return on average partners' capital (1) ..	10%	28%	51%	53%	47%	—
Ratio of compensation and benefits to net revenues (1)	51	45	40	42	45	43%
Assets under supervision:						
Assets under management	\$43,671	\$ 52,358	\$ 94,599	\$135,929	\$194,821	\$206,380
Other client assets	49,061	57,716	76,892	102,033	142,018	163,315
Total assets under supervision	<u>\$92,732</u>	<u>\$110,074</u>	<u>\$171,491</u>	<u>\$237,962</u>	<u>\$336,839</u>	<u>\$369,695</u>

- (1) Since we have historically operated in partnership form, payments to our profit participating limited partners have been accounted for as distributions of partners' capital rather than as compensation expense. As a result, our pre-tax earnings and compensation and benefits expense have not reflected any payments for services rendered by our managing directors who were profit participating limited partners. Accordingly, our historical pre-tax earnings understate the expected operating costs to be incurred by us after the offerings. As a corporation, we will include payments for services rendered by our managing directors who were profit participating limited partners in compensation and benefits expense. For financial information that reflects pro forma compensation and benefits expense as if we had been a corporation, see "Pro Forma Consolidated Financial Information".
- (2) Total assets and liabilities were increased by \$11.64 billion as of November 27, 1998 and \$8.99 billion as of February 26, 1999 due to the adoption of the provisions of Statement of Financial Accounting Standards No. 125 that were deferred by Statement of Financial Accounting Standards No. 127. For a discussion of Statement of Financial Accounting Standards Nos. 125 and 127, see "Accounting Developments" in Note 2 to the audited consolidated financial statements.
- (3) Reflects such adjustments as are necessary, in the opinion of management, for a fair presentation of the results of operations and stockholders' equity of Goldman Sachs on a pro forma basis. See "Pro Forma Consolidated Financial Information" for more detailed information concerning these adjustments.
- (4) Calculated based on weighted-average diluted shares outstanding after giving effect to the pro forma adjustments and as adjusted to reflect the issuance of 51,000,000 shares of common stock offered by Goldman Sachs at the initial public offering price set forth on the cover page of this prospectus. See "Pro Forma Consolidated Financial Information" for more detailed information concerning these adjustments and the calculation of pro forma earnings per share.

RISK FACTORS

An investment in the common stock involves a number of risks, some of which, including market, liquidity, credit, operational, legal and regulatory risks, could be substantial and are inherent in our businesses. You should carefully consider the following information about these risks, together with the other information in this prospectus, before buying shares of common stock.

Market Fluctuations Could Adversely Affect Our Businesses in Many Ways

As an investment banking and securities firm, our businesses are materially affected by conditions in the financial markets and economic conditions generally, both in the United States and elsewhere around the world. The equity and debt markets in the United States and elsewhere have achieved record or near record levels, and this favorable business environment will not continue indefinitely. In the event of a market downturn, our businesses could be adversely affected in many ways, including those described below. Our revenues are likely to decline in such circumstances and, if we were unable to reduce expenses at the same pace, our profit margins would erode. For example, in the second half of fiscal 1998, we recorded negative net revenues from our Trading and Principal Investments business and from mid-August to mid-October the number of equity underwritings and announced mergers and acquisitions transactions in which we participated declined substantially due to adverse economic and market conditions. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Business Environment” for a discussion of the market environment in which we operated during that period. Even in the absence of a market downturn, we are exposed to substantial risk of loss due to market volatility.

We May Incur Significant Losses from Our Trading and Investment Activities Due to Market Fluctuations and Volatility

We generally maintain large trading and investment positions in the fixed income, currency, commodity and equity markets. To

the extent that we own assets, *i.e.*, have long positions, in any of those markets, a downturn in those markets could result in losses from a decline in the value of those long positions. Conversely, to the extent that we have sold assets we do not own, *i.e.*, have short positions, in any of those markets, an upturn in those markets could expose us to potentially unlimited losses as we attempt to cover our short positions by acquiring assets in a rising market. We may from time to time have a trading strategy consisting of holding a long position in one asset and a short position in another, from which we expect to earn revenues based on changes in the relative value of the two assets. If, however, the relative value of the two assets changes in a direction or manner that we did not anticipate or against which we are not hedged, we might realize a loss in those paired positions. We incurred significant losses in our Trading and Principal Investments business in the second half of fiscal 1998 from this type of “relative value” trade. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Business Environment” for a discussion of those losses and the market environment in which we operated during that period. In addition, we maintain substantial trading positions that can be adversely affected by the level of volatility in the financial markets, *i.e.*, the degree to which trading prices fluctuate over a particular period, in a particular market, regardless of market levels.

Our Investment Banking Revenues May Decline in Adverse Market or Economic Conditions

Unfavorable financial or economic conditions would likely reduce the number and size of transactions in which we provide underwriting, mergers and acquisitions advisory and other services. Our Investment Banking revenues, in the form of financial advisory and underwriting fees, are directly related to the number and size of the transactions in which we participate and would therefore be adversely affected by a sustained market downturn. In particular, our results of operations would be adversely affected by a significant

reduction in the number or size of mergers and acquisitions transactions.

We May Generate Lower Revenues from Commissions and Asset Management Fees in a Market Downturn

A market downturn could lead to a decline in the volume of transactions that we execute for our customers and, therefore, to a decline in the revenues we receive from commissions and spreads. In addition, because the fees that we charge for managing our clients' portfolios are in many cases based on the value of those portfolios, a market downturn that reduces the value of our clients' portfolios or increases the amount of withdrawals would reduce the revenue we receive from our asset management business.

Holding Large and Concentrated Positions May Expose Us to Large Losses

Concentration of risk in the past has increased the losses that we have incurred in our arbitrage, market-making, block trading, underwriting and lending businesses and may continue to do so in the future. Goldman Sachs has committed substantial amounts of capital to these businesses, which often require Goldman Sachs to take large positions in the securities of a particular issuer or issuers in a particular industry, country or region. Moreover, the trend in all major capital markets is towards larger and more frequent commitments of capital in many of these activities. For example, as described under "Business — Trading and Principal Investments — Equities", we are experiencing an increase in the number and size of block trades that we execute, and we expect this trend to continue.

Our Hedging Strategies May Not Prevent Losses

If any of the variety of instruments and strategies we utilize to hedge our exposure to various types of risk are not effective, we may incur losses. Many of our strategies are based on historical trading patterns and correlations. For example, if we hold a long position in an asset, we may hedge this position by taking a short position in an asset

where the short position has, historically, moved in a direction that would offset a change in value in the long position. However, these strategies may not be fully effective in mitigating our risk exposure in all market environments or against all types of risk. We have often hedged our exposure to corporate fixed income securities by taking a short position in U.S. Treasury securities, since historically the value of U.S. Treasury securities has changed in a manner similar to changes in the value of corporate fixed income securities. Due to the move by investors to higher credit quality fixed income securities in mid-August to mid-October 1998, however, the prices for corporate fixed income securities declined while the prices for U.S. Treasury securities increased and, as a result, we incurred losses on both positions. Unexpected market developments also affected other hedging strategies during this time, and unanticipated developments could impact these or different hedging strategies in the future. See "Management's Discussion and Analysis of Financial Condition and Results of Operations — Risk Management" for a discussion of the policies and procedures we use to identify, monitor and manage the risks we assume in conducting our businesses and of refinements we have made to our risk management policies and procedures as a result of our recent experience.

A Prolonged Market Downturn Could Impair Our Operating Results

While we encountered extremely difficult market conditions in mid-August to mid-October 1998, the financial markets rebounded late in the fourth quarter of fiscal 1998. At some time in the future, there may be a more sustained period of market decline or weakness that will leave us operating in a difficult market environment and subject us to the risks that we describe in this section for a longer period of time.

Market Risk May Increase the Other Risks That We Face

In addition to the potentially adverse effects on our businesses described above, market risk could exacerbate other risks that we face. For example, if we incur substantial

trading losses, our need for liquidity could rise sharply while our access to liquidity could be impaired. In addition, in conjunction with a market downturn, our customers and counterparties could incur substantial losses of their own, thereby weakening their financial condition and increasing our credit risk to them. Our liquidity risk and credit risk are described below.

Our Risk Management Policies and Procedures May Leave Us Exposed to Unidentified or Unanticipated Risk

We have devoted significant resources to develop our risk management policies and procedures and expect to continue to do so in the future. Nonetheless, our policies and procedures to identify, monitor and manage risks may not be fully effective. Some of our methods of managing risk are based upon our use of observed historical market behavior. As a result, these methods may not predict future risk exposures, which could be significantly greater than the historical measures indicate. For example, the market movements of the late third and early fourth quarters of fiscal 1998 were larger and involved greater divergences in relative asset values than we anticipated. This caused us to experience trading losses that were greater and recurred more frequently than some of our risk measures indicated were likely to occur. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Business Environment” for a discussion of the market environment in which we operated during the second half of fiscal 1998 and “— Risk Management” for a discussion of the policies and procedures we use to identify, monitor and manage the risks we assume in conducting our businesses and of refinements we have made to our risk management policies and procedures as a result of our recent experience.

Other risk management methods depend upon evaluation of information regarding markets, clients or other matters that is publicly available or otherwise accessible by Goldman Sachs. This information may not in all cases be accurate, complete, up-to-date or properly evaluated. Management of operational, legal and regulatory risk requires, among other

things, policies and procedures to record properly and verify a large number of transactions and events, and these policies and procedures may not be fully effective.

Liquidity Risk Could Impair Our Ability to Fund Operations and Jeopardize Our Financial Condition

Liquidity, *i.e.*, ready access to funds, is essential to our businesses. In addition to maintaining a cash position, we rely on three principal sources of liquidity: borrowing in the debt markets; access to the repurchase and securities lending markets; and selling securities and other assets. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Liquidity” for a discussion of our sources of liquidity.

An Inability to Access the Debt Capital Markets Could Impair Our Liquidity

We depend on continuous access to the debt capital markets to finance our day-to-day operations. An inability to raise money in the long-term or short-term debt markets, or to engage in repurchase agreements or securities lending, could have a substantial negative effect on our liquidity. Our access to debt in amounts adequate to finance our activities could be impaired by factors that affect Goldman Sachs in particular or the financial services industry in general. For example, lenders could develop a negative perception of our long-term or short-term financial prospects if we incurred large trading losses, if the level of our business activity decreased due to a market downturn, if regulatory authorities took significant action against us or if we discovered that one of our employees had engaged in serious unauthorized or illegal activity. Our ability to borrow in the debt markets also could be impaired by factors that are not specific to Goldman Sachs, such as a severe disruption of the financial markets or negative views about the prospects for the investment banking, securities or financial services industries generally.

We also depend on banks to finance our day-to-day operations. As a result of the recent consolidation in the banking industry,

some of our lenders have merged or consolidated with other banks and financial institutions. While we have not been materially adversely affected to date, it is possible that further consolidation could lead to a loss of a number of our key banking relationships and a reduction in the amount of credit extended to us.

An Inability to Access the Short-Term Debt Markets Could Impair Our Liquidity

We depend on the issuance of commercial paper and promissory notes as a principal source of unsecured short-term funding for our operations. As of February 26, 1999, Goldman Sachs had \$21.63 billion of outstanding commercial paper and promissory notes with a weighted-average maturity of approximately 75 days. Our liquidity depends to an important degree on our ability to refinance these borrowings on a continuous basis. Investors who hold our outstanding commercial paper and promissory notes have no obligation to purchase new instruments when the outstanding instruments mature.

Our Liquidity Could Be Adversely Affected If Our Ability to Sell Assets Is Impaired

If we were unable to borrow in the debt capital markets, we would need to liquidate assets in order to meet our maturing liabilities. In certain market environments, such as times of market volatility or uncertainty, overall market liquidity may decline. In a time of reduced liquidity, we may be unable to sell some of our assets, or we may have to sell assets at depressed prices, which could adversely affect our results of operations and financial condition.

Our ability to sell our assets may be impaired by other market participants seeking to sell similar assets into the market at the same time. In the late third and early fourth quarters of fiscal 1998, for example, the markets for some assets were adversely affected by simultaneous attempts by a number of institutions to sell similar assets.

A Reduction in Our Credit Ratings Could Adversely Affect Our Liquidity and Competitive Position and Increase Our Borrowing Costs

Our borrowing costs and our access to the debt capital markets depend significantly on our credit ratings. These ratings are assigned by rating agencies, which may reduce or withdraw their ratings or place Goldman Sachs on “credit watch” with negative implications at any time. Credit ratings are also important to Goldman Sachs when competing in certain markets and when seeking to engage in longer-term transactions, including over-the-counter derivatives. A reduction in our credit ratings could increase our borrowing costs and limit our access to the capital markets. This, in turn, could reduce our earnings and adversely affect our liquidity. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Liquidity — Credit Ratings” for additional information concerning our credit ratings.

Credit Risk Exposes Us to Losses Caused by Financial or Other Problems Experienced by Third Parties

We are exposed to the risk that third parties that owe us money, securities or other assets will not perform their obligations. These parties include our trading counterparties, customers, clearing agents, exchanges, clearing houses and other financial intermediaries as well as issuers whose securities we hold. These parties may default on their obligations to us due to bankruptcy, lack of liquidity, operational failure or other reasons. This risk may arise, for example, from holding securities of third parties; entering into swap or other derivative contracts under which counterparties have long-term obligations to make payments to us; executing securities, futures, currency or commodity trades that fail to settle at the required time due to non-delivery by the counterparty or systems failure by clearing agents, exchanges, clearing houses or other financial intermediaries; and extending credit to our clients through bridge or margin loans or other arrangements. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Risk Manage-

ment — Credit Risk” for a further discussion of the credit risks to which we are exposed.

We May Suffer Significant Losses from Our Credit Exposures

In recent years, we have significantly expanded our swaps and other derivatives businesses and placed a greater emphasis on providing credit and liquidity to our clients. As a result, our credit exposures have increased in amount and in duration. In addition, as competition in the financial services industry has increased, we have experienced pressure to assume longer-term credit risk, extend credit against less liquid collateral and price more aggressively the credit risks that we take.

Our Clients and Counterparties May Be Unable to Perform Their Obligations to Us as a Result of Economic or Political Conditions

Country, regional and political risks are components of credit risk, as well as market risk. Economic or political pressures in a country or region, including those arising from local market disruptions or currency crises, may adversely affect the ability of clients or counterparties located in that country or region to obtain foreign exchange or credit and, therefore, to perform their obligations to us. See “— We Are Exposed to Special Risks in Emerging and Other Markets” for a further discussion of our exposure to these risks.

Defaults by a Large Financial Institution Could Adversely Affect Financial Markets Generally and Us Specifically

The commercial soundness of many financial institutions may be closely interrelated as a result of credit, trading, clearing or other relationships between the institutions. As a result, concerns about, or a default by, one institution could lead to significant liquidity problems or losses in, or defaults by, other institutions. This is sometimes referred to as “systemic risk” and may adversely affect financial intermediaries, such as clearing agencies, clearing houses, banks, securities firms and exchanges, with which we interact on a daily basis.

The possibility of default by a major market participant in the second half of fiscal 1998 and concerns throughout the financial industry regarding the resulting impact on markets led us to participate in an industry-wide consortium that invested in Long-Term Capital Portfolio, L.P., which is described under “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Liquidity — The Balance Sheet”. Actual defaults, increases in perceived default risk and other similar events could arise in the future and could have an adverse effect on the financial markets and on Goldman Sachs.

The Information That We Use in Managing Our Credit Risk May Be Inaccurate or Incomplete

Although we regularly review our credit exposure to specific clients and counterparties and to specific industries, countries and regions that we believe may present credit concerns, default risk may arise from events or circumstances that are difficult to detect, such as fraud. We may also fail to receive full information with respect to the trading risks of a counterparty. In addition, in cases where we have extended credit against collateral, we may find that we are undersecured, for example, as a result of sudden declines in market values that reduce the value of collateral.

Our Computer Systems and Those of Third Parties May Not Achieve Year 2000 Readiness — Year 2000 Readiness Disclosure

With the year 2000 approaching, many institutions around the world are reviewing and modifying their computer systems to ensure that they are Year 2000 compliant. The issue, in general terms, is that many existing computer systems and microprocessors (including those in non-information technology equipment and systems) use only two digits to identify a year in the date field with the assumption that the first two digits of the year are always “19”. Consequently, on January 1, 2000, computers that are not Year 2000 compliant may read the year as 1900. Systems that calculate, compare or sort using the incorrect date may malfunction.

Our Computer Systems May Fail

Because we are dependent, to a very substantial degree, upon the proper functioning of our computer systems, a failure of our systems to be Year 2000 compliant would have a material adverse effect on us. Failure of this kind could, for example, cause settlement of trades to fail, lead to incomplete or inaccurate accounting, recording or processing of trades in securities, currencies, commodities and other assets, result in generation of erroneous results or give rise to uncertainty about our exposure to trading risks and our need for liquidity. If not remedied, potential risks include business interruption or shutdown, financial loss, regulatory actions, reputational harm and legal liability.

The Computer Systems of Third Parties on Which We Depend May Fail

We depend upon the proper functioning of third-party computer and non-information technology systems. These parties include trading counterparties, financial intermediaries such as securities and commodities exchanges, depositories, clearing agencies, clearing houses and commercial banks and vendors such as providers of telecommunication services and other utilities. We continue to assess counterparties, intermediaries and vendors with whom we have important financial or operational relationships to determine the extent of their Year 2000 preparedness. We have not yet received sufficient information from all parties about their Year 2000 preparedness to assess the effectiveness of their efforts. Moreover, in many cases, we are not in a position to verify the accuracy or completeness of the information we receive from third parties and as a result are dependent on their willingness and ability to disclose, and to address, their Year 2000 problems. In addition, in some international markets in which we do business, the level of awareness and remediation efforts relating to the Year 2000 issue may be less advanced than in the United States.

If third parties with whom we interact have Year 2000 problems that are not remedied, problems could include the following:

- in the case of vendors, disruption of important services upon which Goldman Sachs depends, such as telecommunications and electrical power;
- in the case of third-party data providers, receipt of inaccurate or out-of-date information that would impair our ability to perform critical data functions, such as pricing our securities or other assets;
- in the case of financial intermediaries, such as exchanges and clearing agents, failed trade settlements, inability to trade in certain markets and disruption of funding flows;
- in the case of banks and other lenders, disruption of capital flows potentially resulting in liquidity stress; and
- in the case of counterparties and customers, financial and accounting difficulties for those parties that expose Goldman Sachs to increased credit risk and lost business.

Disruption or suspension of activity in the world's financial markets is also possible.

Our Revenues May Be Adversely Affected If Market Activity Decreases Shortly Before and After the Year 2000

We believe that uncertainty about the success of remediation efforts generally may cause many market participants to reduce the level of their market activities temporarily as they assess the effectiveness of these efforts during a "phase-in" period beginning in late 1999. We believe that lenders are likely to take similar steps, which will result in a reduction in available funding sources. Consequently, there may be a downturn in customer and general market activity for a short period of time before and after January 1, 2000. If this occurs, our net revenues may be adversely affected, possibly materially, depending on how long the reduction in activity continues and how broadly it affects the markets. In addition, we expect to reduce our own trading activities and the size of our balance sheet in order to manage the number and type of our transactions that settle during

this period and our related funding needs. This also could reduce our net revenues. We cannot predict the magnitude of the impact that these kinds of reductions would have on our businesses.

We May Be Exposed to Litigation as a Result of Year 2000 Problems

We may be exposed to litigation with our customers and counterparties as a result of Year 2000 problems. For example, litigation could arise from problems relating to our internal systems or to external systems on which we depend, as well as from problems involving companies in which our clients or the funds we manage hold investments.

Our Year 2000 Program May Not Be Effective and Our Estimates of Timing and Cost May Not Be Accurate

Our Year 2000 program may not be effective and our estimates about the timing and cost of completing our program may not be accurate. For a description of our program and the steps that remain to be taken, see “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Risk Management — Operational and Year 2000 Risks — Year 2000 Readiness Disclosure”.

Other Operational Risks May Disrupt Our Businesses, Result in Regulatory Action Against Us or Limit Our Growth

We face operational risk arising from mistakes made in the confirmation or settlement of transactions or from transactions not being properly recorded, evaluated or accounted for. Our businesses are highly dependent on our ability to process, on a daily basis, a large number of transactions across numerous and diverse markets in many currencies, and the transactions we process have become increasingly complex. Consequently, we rely heavily on our financial, accounting and other data processing systems. If any of these systems do not operate properly or are disabled, we could suffer financial loss, a disruption of our businesses, liability to clients, regulatory intervention or reputational damage. The inability of our systems to accommodate an increasing volume

of transactions could also constrain our ability to expand our businesses. In recent years, we have substantially upgraded and expanded the capabilities of our data processing systems and other operating technology, and we expect that we will need to continue to upgrade and expand in the future to avoid disruption of, or constraints on, our operations.

Legal and Regulatory Risks Are Inherent and Substantial in Our Businesses

Substantial legal liability or a significant regulatory action against Goldman Sachs could have a material financial effect or cause significant reputational harm to Goldman Sachs, which in turn could seriously harm our business prospects.

Our Exposure to Legal Liability Is Significant

We face significant legal risks in our businesses and the volume and amount of damages claimed in litigation against financial intermediaries are increasing. These risks include potential liability under securities or other laws for materially false or misleading statements made in connection with securities and other transactions, potential liability for the “fairness opinions” and other advice we provide to participants in corporate transactions and disputes over the terms and conditions of complex trading arrangements. We also face the possibility that counterparties in complex or risky trading transactions will claim that we improperly failed to tell them of the risks or that they were not authorized or permitted to enter into these transactions with us and that their obligations to Goldman Sachs are not enforceable. Particularly in our rapidly growing business focused on high net worth individuals, we are increasingly exposed to claims against Goldman Sachs for recommending investments that are not consistent with a client’s investment objectives or engaging in unauthorized or excessive trading. During a prolonged market downturn, we would expect these types of claims to increase. We are also subject to claims arising from disputes with employees for alleged discrimination or harassment, among other things. These risks often may be difficult to assess or quantify and their existence and

magnitude often remain unknown for substantial periods of time. We incur significant legal expenses every year in defending against litigation, and we expect to continue to do so in the future. See “Business — Legal Matters” for a discussion of some of the legal matters in which we are currently involved.

Extensive Regulation of Our Businesses Limits Our Activities and May Subject Us to Significant Penalties

The financial services industry is subject to extensive regulation. Goldman Sachs is subject to regulation by governmental and self-regulatory organizations in the United States and in virtually all other jurisdictions in which it operates around the world.

The requirements imposed by our regulators are designed to ensure the integrity of the financial markets and to protect customers and other third parties who deal with Goldman Sachs and are not designed to protect our shareholders. Consequently, these regulations often serve to limit our activities, including through net capital, customer protection and market conduct requirements. We face the risk of significant intervention by regulatory authorities, including extended investigation and surveillance activity, adoption of costly or restrictive new regulations and judicial or administrative proceedings that may result in substantial penalties. Among other things, we could be fined or prohibited from engaging in some of our business activities. See “Business — Regulation” for a further discussion of the regulatory environment in which we conduct our businesses.

Legal Restrictions on Our Clients May Reduce the Demand for Our Services

New laws or regulations or changes in enforcement of existing laws or regulations applicable to our clients may also adversely affect our businesses. For example, changes in antitrust enforcement could affect the level of mergers and acquisitions activity and changes in regulation could restrict the activities of our clients and, therefore, the services we provide on their behalf.

Employee Misconduct Could Harm Goldman Sachs and Is Difficult to Detect and Deter

There have been a number of highly publicized cases involving fraud or other misconduct by employees in the financial services industry in recent years, and we run the risk that employee misconduct could occur. Misconduct by employees could include binding Goldman Sachs to transactions that exceed authorized limits or present unacceptable risks, or hiding from Goldman Sachs unauthorized or unsuccessful activities, which, in either case, may result in unknown and unmanaged risks or losses. Employee misconduct could also involve the improper use or disclosure of confidential information, which could result in regulatory sanctions and serious reputational or financial harm. It is not always possible to deter employee misconduct and the precautions we take to prevent and detect this activity may not be effective in all cases.

The Financial Services Industry Is Intensely Competitive and Rapidly Consolidating

The financial services industry — and all of our businesses — are intensely competitive, and we expect them to remain so. We compete on the basis of a number of factors, including transaction execution, our products and services, innovation, reputation and price. We have experienced intense price competition in some of our businesses in recent years, such as underwriting fees on investment grade debt offerings and privatizations. We believe we may experience pricing pressures in these and other areas in the future as some of our competitors seek to obtain market share by reducing prices.

We Face Increased Competition Due to a Trend Toward Consolidation

In recent years, there has been substantial consolidation and convergence among companies in the financial services industry. In particular, a number of large commercial banks, insurance companies and other broad-based financial services firms have established or acquired broker-dealers or have merged with other financial institutions. Many of these firms have the ability to offer a wide

range of products, from loans, deposit-taking and insurance to brokerage, asset management and investment banking services, which may enhance their competitive position. They also have the ability to support investment banking and securities products with commercial banking, insurance and other financial services revenues in an effort to gain market share, which could result in pricing pressure in our businesses.

Consolidation Has Increased Our Need for Capital

This trend toward consolidation and convergence has significantly increased the capital base and geographic reach of our competitors. This trend has also hastened the globalization of the securities and other financial services markets. As a result, we have had to commit capital to support our international operations and to execute large global transactions.

Our Ability to Expand Internationally Will Depend on Our Ability to Compete Successfully with Local Financial Institutions

We believe that some of our most significant challenges and opportunities will arise outside the United States, as described under "Industry and Economic Outlook". In order to take advantage of these opportunities, we will have to compete successfully with financial institutions based in important non-U.S. markets, particularly in Europe. Some of these institutions are larger, better capitalized and have a stronger local presence and a longer operating history in these markets.

Our Revenues May Decline Due to Competition from Alternative Trading Systems

Securities and futures transactions are now being conducted through the Internet and other alternative, non-traditional trading systems, and it appears that the trend toward alternative trading systems will continue and probably accelerate. A dramatic increase in computer-based or other electronic trading may adversely affect our commission and trading revenues, reduce our participation in the trading markets and associated access to market information and lead to the creation of new and stronger competitors.

We Are Exposed to Special Risks in Emerging and Other Markets

In conducting our businesses in major markets around the world, including many developing markets in Asia, Latin America and Eastern Europe, we are subject to political, economic, legal, operational and other risks that are inherent in operating in other countries. These risks range from difficulties in settling transactions in emerging markets to possible nationalization, expropriation, price controls and other restrictive governmental actions. We also face the risk that exchange controls or similar restrictions imposed by foreign governmental authorities may restrict our ability to convert local currency received or held by us in their countries into U.S. dollars or other currencies, or to take those dollars or other currencies out of those countries.

To date, a relatively small part of our businesses has been conducted in emerging and other markets. As we expand our businesses in these areas, our exposure to these risks will increase.

Turbulence in Emerging Markets May Adversely Affect Our Businesses

In the last several years, various emerging market countries have experienced severe economic and financial disruptions, including significant devaluations of their currencies and low or negative growth rates in their economies. The possible effects of these conditions include an adverse impact on our businesses and increased volatility in financial markets generally. Moreover, economic or market problems in a single country or region are increasingly affecting other markets generally. For example, the economic crisis in Russia in August 1998 adversely affected other emerging markets and led to turmoil in financial markets worldwide. See "Management's Discussion and Analysis of Financial Condition and Results of Operations — Business Environment" for a discussion of the business environment in which we operated during the second half of fiscal 1998. A continuation of these situations could adversely affect global economic conditions and world markets and, in turn, could adversely affect our businesses. Among the risks are

regional or global market downturns and, as noted above, increasing liquidity and credit risks, particularly in Japan where the economy continues to be weak and we have significant exposure.

Compliance with Local Laws and Regulations May Be Difficult

In many countries, the laws and regulations applicable to the securities and financial services industries are uncertain and evolving, and it may be difficult for us to determine the exact requirements of local laws in every market. Our inability to remain in compliance with local laws in a particular foreign market could have a significant and negative effect not only on our businesses in that market but also on our reputation generally. These uncertainties may also make it difficult for us to structure our transactions in such a way that the results we expect to achieve are legally enforceable in all cases. See “— Legal and Regulatory Risks Are Inherent and Substantial in Our Businesses — Our Exposure to Legal Liability Is Significant” for additional information concerning these matters and “Business — Regulation” for a discussion of the regulatory environment in which we conduct our businesses.

Our Conversion to Corporate Form May Adversely Affect Our Ability to Recruit, Retain and Motivate Key Employees

Our performance is largely dependent on the talents and efforts of highly skilled individuals. Competition in the financial services industry for qualified employees is intense. Our continued ability to compete effectively in our businesses depends on our ability to attract new employees and to retain and motivate our existing employees.

In connection with the offerings and the conversion of Goldman Sachs from partnership to corporate form, the managing directors who were profit participating limited partners will receive substantial amounts of common stock in exchange for their interests in Goldman Sachs. Because these shares of common stock will be received in exchange for partnership interests, ownership of these shares will not be dependent upon these partners’ continued employment. However, these shares will be sub-

ject to certain restrictions on transfer under a shareholders’ agreement and a portion may be pledged to support these partners’ obligations under noncompetition agreements. The transfer restrictions under the shareholders’ agreement may, however, be waived, as described under “Certain Relationships and Related Transactions — Shareholders’ Agreement — Transfer Restrictions” and “— Waivers”. The steps we have taken to encourage the continued service of these individuals after the offerings may not be effective. For a description of the compensation plan for our senior professionals to be implemented after the offerings, see “Management — The Partner Compensation Plan”.

In connection with the offerings and conversion of Goldman Sachs from partnership to corporate form, employees, other than the managing directors who were profit participating limited partners, will receive grants of restricted stock units, stock options or interests in a defined contribution plan. The incentives to attract, retain and motivate employees provided by these awards or by future arrangements may not be as effective as the opportunity, which existed prior to conversion, to become a partner of Goldman Sachs. See “Management — The Employee Initial Public Offering Awards” for a description of these awards.

Goldman Sachs Will Be Controlled by Its Managing Directors Whose Interests May Differ from Those of Other Shareholders

Upon completion of the offerings, our managing directors will collectively own not less than 281,000,000 shares of common stock, or 60% of the total shares of common stock outstanding, which includes the shares of common stock underlying the restricted stock units to be awarded based on a formula. These shares will be subject to a shareholders’ agreement, which will provide for coordinated voting by the parties. Further, both Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association, which together will own 43,400,473 shares of common stock, or 9.3% of the total shares of common stock outstanding after consummation of the offerings, have agreed to vote their shares of common stock in the same manner as a majority of the shares held by our

managing directors are voted. See “Certain Relationships and Related Transactions — Shareholders’ Agreement — Voting” and “— Voting Agreement” for a discussion of these voting arrangements.

As a result of these arrangements, the managing directors initially will be able to elect our entire board of directors, control the management and policies of Goldman Sachs and, in general, determine, without the consent of the other shareholders, the outcome of any corporate transaction or other matter submitted to the shareholders for approval, including mergers, consolidations and the sale of all or substantially all of the assets of Goldman Sachs. The managing directors initially will be able to prevent or cause a change in control of Goldman Sachs.

Provisions of Our Organizational Documents May Discourage an Acquisition of Goldman Sachs

Our organizational documents contain provisions that will impede the removal of directors and may discourage a third party from making a proposal to acquire us. For example, our board of directors may, without the consent of shareholders, issue preferred stock with greater voting rights than the common stock. See “Description of Capital Stock — Certain Anti-Takeover Matters” for a discussion of these anti-takeover provisions.

Our Share Price May Decline Due to the Large Number of Shares Eligible for Future Sale

Sales of substantial amounts of common stock, or the possibility of such sales, may adversely affect the price of the common stock and impede our ability to raise capital through the issuance of equity securities. See “Shares Eligible for Future Sale” for a discussion of possible future sales of common stock.

Upon consummation of the offerings, there will be 467,271,909 shares of common stock outstanding. Of these shares, the 69,000,000 shares of common stock sold in the offerings will be freely transferable without restriction or further registration under the Securities Act of 1933. The remaining 398,271,909 shares of common stock will be available for future sale upon the expiration

or the waiver of transfer restrictions or in accordance with registration rights. See “Shares Eligible for Future Sale” for a discussion of the shares of common stock that may be sold into the public market in the future.

Our Common Stock May Trade at Prices Below the Initial Public Offering Price

The price of the common stock after the offerings may fluctuate widely, depending upon many factors, including the perceived prospects of Goldman Sachs and the securities and financial services industries in general, differences between our actual financial and operating results and those expected by investors and analysts, changes in analysts’ recommendations or projections, changes in general economic or market conditions and broad market fluctuations. The common stock may trade at prices significantly below the initial public offering price.

The Liquidity of Our Common Stock May Be Adversely Affected by an Inability of Goldman, Sachs & Co. to Act as a Market-Maker in the Common Stock

We will list the common stock on the NYSE. The NYSE listing does not, however, guarantee that a trading market for the common stock will develop or, if a market does develop, the liquidity of that market for the common stock.

After the offerings, because Goldman, Sachs & Co. is a member of the NYSE and because of Goldman, Sachs & Co.’s relationship to us, it will not be permitted under the rules of the NYSE to make markets in, or recommendations regarding the purchase or sale of, the common stock. This may adversely affect the trading market for the common stock.

We Expect to Record a Substantial Pre-Tax Loss in the Second Quarter of Fiscal 1999

We expect to record a substantial pre-tax loss in the second quarter of fiscal 1999 due to a number of nonrecurring items described under “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Results of Operations”.

USE OF PROCEEDS

Based upon the initial public offering price of \$53.00 per share, Goldman Sachs will receive net proceeds from the U.S., international and Asia/Pacific offerings of \$2.6 billion, after deducting the underwriting discounts and estimated expenses that are payable by Goldman Sachs in the offerings. The above amounts do not include underwriting discounts that will be received by Goldman, Sachs & Co., Goldman Sachs International and Goldman Sachs (Asia) L.L.C. as underwriters in the offerings. We will use the

net proceeds to provide additional funds for our operations and for other general corporate purposes, although we have not yet determined a specific use. Pending specific application of the net proceeds, we intend to use them to purchase short-term marketable securities.

We will not receive any of the proceeds from the sale of shares of our common stock by Sumitomo Bank Capital Markets, Inc. or Kamehameha Activities Association.

DIVIDEND POLICY

The holders of common stock and non-voting common stock of Goldman Sachs will share proportionately on a per share basis in all dividends and other distributions declared by our board of directors. Our board of directors currently intends to declare quarterly dividends on all outstanding shares of common stock and nonvoting common stock and expects that the first quarterly dividend will be \$0.12 per share, and that it will be declared during the third quarter of fiscal 1999.

The declaration of dividends by Goldman Sachs is subject to the discretion of our

board of directors. Our board of directors will take into account such matters as general business conditions, our financial results, capital requirements, contractual, legal and regulatory restrictions on the payment of dividends by us to our shareholders or by our subsidiaries to us, the effect on our debt ratings and such other factors as our board of directors may deem relevant. See "Business — Regulation" for a discussion of potential regulatory limitations on our receipt of funds from our regulated subsidiaries.

**REPORT OF INDEPENDENT ACCOUNTANTS ON
PRO FORMA CONSOLIDATED INCOME STATEMENT INFORMATION**

To the Partners,
The Goldman Sachs Group, L.P.:

We have examined the pro forma adjustments reflecting (i) the incorporation transactions and the related transactions described under “Certain Relationships and Related Transactions — Incorporation and Related Transactions”; (ii) compensation to managing directors who were profit participating limited partners; (iii) compensation in the form of restricted stock units awarded to employees in lieu of ongoing cash compensation; and (iv) the provision for corporate income taxes (collectively, the “Pro Forma Adjustments”), and the offerings, all as described in Note 2 to the Pro Forma Consolidated Financial Information (included on pages 25 to 31 of this prospectus) and the application of those adjustments to the historical amounts in the Pro Forma Consolidated Income Statement Information for the year ended November 27, 1998. The historical consolidated income statement information is derived from the historical consolidated financial statements of Goldman Sachs, which were audited by us and which are included elsewhere in this prospectus. The Pro Forma Adjustments are based upon management’s assumptions described in Note 2 to the Pro Forma Consolidated Financial Information. Our examination was made in accordance with standards established by the American Institute of Certified Public Accountants and, accordingly, included such procedures as we considered necessary in the circumstances.

The objective of this pro forma consolidated financial information is to show what the significant effects on the historical income statement information of Goldman Sachs might have been had the Pro Forma Adjustments and the offerings occurred at an earlier date. However, the Pro Forma Consolidated Income Statement Information is not necessarily indicative of the results of operations that would have been attained had the above-mentioned Pro Forma Adjustments and the offerings actually occurred earlier.

In our opinion, management’s assumptions provide a reasonable basis for presenting the significant effects directly attributable to the above-mentioned Pro Forma Adjustments and the offerings, all as described in Note 2 to the Pro Forma Consolidated Financial Information, the related pro forma adjustments give appropriate effect to those assumptions, and the “Pro Forma” and “Pro Forma as Adjusted for Offerings” columns reflect the proper application of those adjustments to the historical consolidated income statement amounts in the Pro Forma Consolidated Income Statement Information for the year ended November 27, 1998.

PricewaterhouseCoopers LLP

New York, New York
May 3, 1999.

**REVIEW REPORT OF INDEPENDENT ACCOUNTANTS ON
PRO FORMA CONSOLIDATED FINANCIAL INFORMATION**

To the Partners,
The Goldman Sachs Group, L.P.:

We have reviewed the pro forma adjustments reflecting (i) the incorporation transactions and the related transactions described under “Certain Relationships and Related Transactions — Incorporation and Related Transactions”; (ii) compensation to managing directors who were profit participating limited partners; (iii) compensation in the form of restricted stock units awarded to employees in lieu of ongoing cash compensation; (iv) the provision for corporate income taxes; (v) the redemption of Goldman Sachs’ senior limited partnership interests; (vi) cash distributions by The Goldman Sachs Group, L.P. to its partners in the second quarter of fiscal 1999 in accordance with the Goldman Sachs partnership agreement, including distributions for partner income taxes related to Goldman Sachs’ earnings in the first quarter of fiscal 1999, capital withdrawals by the managing directors who were profit participating limited partners, Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association and distributions to satisfy obligations to retired limited partners; and (vii) the recognition of net tax assets (collectively, the “Pro Forma Adjustments”), and the offerings, all as described in Note 2 to the Pro Forma Consolidated Financial Information (included on pages 25 to 31 of this prospectus) and the application of those adjustments to the historical amounts in the Pro Forma Consolidated Balance Sheet Information as of February 26, 1999 and the Pro Forma Consolidated Income Statement Information for the three months then ended. The historical consolidated financial statement information is derived from the historical condensed consolidated financial statements of Goldman Sachs, which were reviewed by us and which are included elsewhere in this prospectus. The Pro Forma Adjustments are based upon management’s assumptions described in Note 2 to the Pro Forma Consolidated Financial Information. Our review was made in accordance with standards established by the American Institute of Certified Public Accountants.

A review is substantially less in scope than an examination, the objective of which is the expression of an opinion on management’s assumptions, the pro forma adjustments and the application of those adjustments to historical financial information. Accordingly, we do not express such an opinion.

The objective of this pro forma consolidated financial information is to show what the significant effects on the historical financial information of Goldman Sachs might have been had the Pro Forma Adjustments and the offerings occurred at an earlier date. However, the Pro Forma Consolidated Income Statement Information and the Pro Forma Consolidated Balance Sheet Information are not necessarily indicative of the results of operations or related effects on financial position that would have been attained had the above-mentioned Pro Forma Adjustments and the offerings actually occurred earlier.

Based on our review, nothing came to our attention that caused us to believe that management’s assumptions do not provide a reasonable basis for presenting the significant effects directly attributable to the above-mentioned Pro Forma Adjustments and the offerings, all as described in Note 2 to the Pro Forma Consolidated Financial Information, that the related pro forma adjustments do not give appropriate effect to those assumptions, or that the “Pro Forma” and “Pro Forma as Adjusted for Offerings” columns do not reflect the proper application of those adjustments to the historical consolidated financial statement amounts in the Pro Forma Consolidated Balance Sheet Information as of February 26, 1999 and the Pro Forma Consolidated Income Statement Information for the three months then ended.

PricewaterhouseCoopers LLP
New York, New York
May 3, 1999.

PRO FORMA CONSOLIDATED FINANCIAL INFORMATION

The following Pro Forma Consolidated Financial Information is based upon the historical consolidated financial statements of Goldman Sachs. In addition to the offerings, this information reflects the pro forma effects of the following items:

- the incorporation transactions and the related transactions described under “Certain Relationships and Related Transactions — Incorporation and Related Transactions”;
- compensation to managing directors who were profit participating limited partners;
- compensation in the form of restricted stock units awarded to employees in lieu of ongoing cash compensation;
- the provision for corporate income taxes;
- the redemption of our senior limited partnership interests;
- cash distributions by The Goldman Sachs Group, L.P. to its partners in the second quarter of fiscal 1999 in accordance with its partnership agreement, including distributions for partner income taxes related to earnings in the first quarter of fiscal 1999, capital withdrawals by the managing directors who were profit participating limited partners, Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association and distributions to satisfy obligations to retired limited partners; and
- the recognition of net tax assets.

These items are collectively referred to as the “Pro Forma Adjustments”.

The Pro Forma Consolidated Income Statement Information does not give effect to the following items because of their non-recurring nature:

- the restricted stock units awarded to employees based on a formula;
- the initial irrevocable contribution of shares of common stock to the defined contribution plan;
- the recognition of net tax assets; and
- a contribution to the Goldman Sachs Fund, a charitable foundation.

The Pro Forma Consolidated Balance Sheet Information, however, does give effect to these non-recurring items.

The Pro Forma Adjustments are based upon available information and certain assumptions that management believes are reasonable. The Pro Forma Consolidated Financial Information and accompanying notes should be read in conjunction with the consolidated financial statements and their notes.

The Pro Forma Consolidated Financial Information presented is not necessarily indicative of the results of operations or financial position that might have occurred had the Pro Forma Adjustments actually taken place as of the dates specified, or that may be expected to occur in the future.

Pro Forma Consolidated Income Statement Information
(in millions, except per share data)

Year Ended November 27, 1998

	Historical	Pro Forma Adjustments	Pro Forma	Adjustment for Offerings	Pro Forma as Adjusted for Offerings
Total revenues	\$22,478	\$ —	\$22,478	\$ —	\$22,478
Interest expense, principally on short-term funding	13,958	28 (a)	13,986	—	13,986
Revenues, net of interest expense	8,520	(28)	8,492	—	8,492
Compensation and benefits, excluding employee initial public offering awards	3,838	303 (b)	4,141	—	4,141
Employee initial public offering awards	—	461 (c)	461	—	461
Other operating expenses	1,761	—	1,761	—	1,761
Total operating expenses	5,599	764	6,363	—	6,363
Pre-tax earnings	2,921	(792)	2,129	—	2,129
Provision for taxes	493	380 (d)	873	—	873
Net earnings	<u>\$ 2,428</u>	<u>\$ (1,172)</u>	<u>\$ 1,256</u>	<u>\$ —</u>	<u>\$ 1,256</u>
Shares outstanding:					
Basic			424 (e)	51 (f)	475
Diluted			428 (e)	51 (f)	479
Earnings per share:					
Basic			\$ 2.96		\$ 2.65
Diluted			2.93		2.62

Pro Forma Consolidated Income Statement Information
(unaudited)
(in millions, except per share data)

Three Months Ended February 26, 1999

	Historical	Pro Forma Adjustments	Pro Forma	Adjustment for Offerings	Pro Forma as Adjusted for Offerings
Total revenues	\$ 5,856	\$ —	\$ 5,856	\$ —	\$ 5,856
Interest expense, principally on short-term funding	2,861	7 (a)	2,868	—	2,868
Revenues, net of interest expense	2,995	(7)	2,988	—	2,988
Compensation and benefits, excluding employee initial public offering awards	1,275	191 (b)	1,466	—	1,466
Employee initial public offering awards	—	115 (c)	115	—	115
Other operating expenses	532	—	532	—	532
Total operating expenses	1,807	306	2,113	—	2,113
Pre-tax earnings	1,188	(313)	875	—	875
Provision for taxes	181	178 (d)	359	—	359
Net earnings	<u>\$ 1,007</u>	<u>\$ (491)</u>	<u>\$ 516</u>	<u>\$ —</u>	<u>\$ 516</u>
Shares outstanding:					
Basic			427 (e)	51 (f)	478
Diluted			437 (e)	51 (f)	488
Earnings per share:					
Basic			\$ 1.21		\$ 1.08
Diluted			1.18		1.06

The accompanying notes are an integral part of the Pro Forma Consolidated Financial Information.

Pro Forma Consolidated Balance Sheet Information
(unaudited)
(in millions, except per share data)

As of February 26, 1999

	<u>Historical</u>	<u>Pro Forma Adjustments</u>	<u>Pro Forma</u>	<u>Adjustment for Offerings</u>	<u>Pro Forma as Adjusted for Offerings</u>
Cash and cash equivalents	\$ 3,345	\$ (200) (g) (891) (h) (888) (i) (1,232) (k)	\$ 134	\$2,568 (f)	\$ 2,702
Other	227,279	1,815 (l)	229,094	—	229,094
Total assets	<u>\$230,624</u>	<u>\$ (1,396)</u>	<u>\$229,228</u>	<u>\$2,568</u>	<u>\$231,796</u>
Long-term borrowings	\$ 20,405	\$ 371 (a)	\$ 20,776	\$ —	\$ 20,776
Other	203,228	165 (b)	203,393	—	203,393
Total liabilities	223,633	536	224,169	—	224,169
Partners' capital, partners' capital allocated for income taxes and potential withdrawals, and accumulated other comprehensive income ...	6,991	(371) (a) (891) (h) (888) (i) (3,609) (j) (1,232) (k)			
Total partnership capital	6,991	(6,991)	—	—	—
Common stock and nonvoting common stock, par value \$0.01 per share	—	4 (j)	4	—	4
Restricted stock units	—	3,356 (m)	3,356	—	3,356
Additional paid-in capital	—	3,605 (j) 666 (m)	4,271	2,568 (f)	6,839
Retained earnings	—	(165) (b) (200) (g) 1,815 (l) (2,257) (m)	(807)	—	(807)
Unearned compensation	—	(1,765) (m)	(1,765)	—	(1,765)
Total stockholders' equity	—	5,059	5,059	2,568	7,627
Total liabilities, partnership capital and stockholders' equity	<u>\$230,624</u>	<u>\$ (1,396)</u>	<u>\$229,228</u>	<u>\$2,568</u>	<u>\$231,796</u>
Book value per share			\$ 11.94		\$ 16.07

The accompanying notes are an integral part of the Pro Forma Consolidated Financial Information.

NOTES TO PRO FORMA CONSOLIDATED FINANCIAL INFORMATION

Note 1: Basis of Presentation

As permitted by the rules and regulations of the SEC, the Pro Forma Consolidated Financial Information is presented on a condensed basis. The Pro Forma Consolidated Balance Sheet Information was prepared as if the Pro Forma Adjustments had occurred as of February 26, 1999. Book value per share equals stockholders' equity divided by the shares of common stock and nonvoting common stock outstanding, including the shares of common stock underlying the restricted stock units awarded to employees based on a formula, of 423,712,271 prior to the offerings and 474,712,271 as adjusted for the offerings. See Note 2(e) below for a further discussion of shares outstanding.

The Pro Forma Consolidated Income Statement Information for the fiscal year ended November 27, 1998 and the three-month fiscal period ended February 26, 1999 was prepared as if the Pro Forma Adjustments had taken place at the beginning of fiscal 1998.

For pro forma purposes, the offerings and, where applicable, the related transactions reflect the initial public offering price of \$53.00 per share.

Note 2: Pro Forma Adjustments and Adjustment for Offerings

(a) **Retired limited partners exchange of interests for debentures.** Adjustment to reflect the issuance of junior subordinated debentures to the retired limited partners in exchange for their interests in The Goldman Sachs Group, L.P. and certain affiliates. These junior subordinated debentures will have a principal amount of \$295 million, an initial carrying value of \$371 million and an effective interest rate of 7.5%. The annual interest expense to be recorded on these debentures in the first year will be \$28 million.

(b) **Compensation and benefits, excluding employee initial public offering awards.** Since Goldman Sachs has operated as a partnership, there is no meaningful historical measure of the compensation and benefits

that would have been paid, in corporate form, to the managing directors who were profit participating limited partners for services rendered in fiscal 1998 and in the three months ended February 26, 1999. Accordingly, management has estimated these amounts, which are substantially performance-based, by reference to a pro forma ratio of total compensation and benefits to net revenues that it deemed appropriate for Goldman Sachs as a whole, given the historical operating results in these periods. As a result, additional compensation and benefits expense related to the managing directors who were profit participating limited partners of \$427 million in fiscal 1998 and \$242 million in the three months ended February 26, 1999 has been recorded on the Pro Forma Consolidated Income Statement Information.

The future compensation and benefits related to services rendered by the managing directors who were profit participating limited partners will be based upon measures of financial performance, including net revenues, pre-tax earnings and the ratio of compensation and benefits to net revenues, as described under "Management — The Partner Compensation Plan — Determination of Salary and Bonus". Management anticipates that, consistent with industry practice, it will adjust the form and structure of its compensation arrangements to achieve a relationship of compensation and benefits to net revenues within a range that it believes is appropriate given prevailing market conditions.

In addition to the employee initial public offering awards, restricted stock units will also be granted to employees in lieu of a portion of ongoing cash compensation. Of the total restricted stock units assumed to be granted in lieu of cash compensation, 50% will require future service as a condition to the delivery of the underlying shares of common stock. In accordance with Accounting Principles Board Opinion No. 25, the restricted stock units with future service requirements will be recorded as compensation expense over the four-year service period

NOTES TO PRO FORMA CONSOLIDATED FINANCIAL INFORMATION — (Continued)

following the date of grant. Goldman Sachs expects to record this expense over the service period as follows: 52%, 28%, 14% and 6% in years one, two, three and four, respectively. If these stock-based awards had been made from the beginning of fiscal 1998, historical compensation expense would have been reduced by \$124 million in fiscal 1998 and \$51 million in the three months ended February 26, 1999 because a portion of cash compensation recorded in these periods would have been replaced by restricted stock units with future service requirements. These reductions are reflected in the Pro Forma Consolidated Income Statement Information.

The adjustment of \$165 million to the Pro Forma Consolidated Balance Sheet Information reflects the additional compensation and benefits that we would have recorded assuming the Pro Forma Adjustments had occurred as of February 26, 1999. This adjustment includes \$232 million in compensation and benefits related to the managing directors who were profit participating limited partners offset by a reduction of \$67 million related to the issuance of restricted stock units to employees, in lieu of a portion of cash compensation, for which future service is required as a condition to the delivery of the underlying shares of common stock. This adjustment to the Pro Forma Consolidated Balance Sheet Information excludes the compensation expense of \$26 million in the first quarter of fiscal 1999 related to the portion of restricted stock units that, for pro forma income statement purposes only, were assumed to be awarded in fiscal 1998. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Results of Operations — Operating Expenses” for a discussion of the actual expense we expect to record in the second quarter of fiscal 1999.

(c) Expense related to employee initial public offering awards. Adjustment to reflect the amortization of the 33,292,869 restricted stock units awarded to employees on a discretionary basis. These restricted stock units will have a value of \$1,765 million, approximately 26% of which will be amortized

as a non-cash expense in the twelve months following the date of grant. The remaining 74% of the value of these restricted stock units will be amortized over the next four years as follows: 26%, 26%, 15% and 7% in years two, three, four and five, respectively.

The options to purchase 40,127,592 shares of common stock awarded to employees on a discretionary basis will be accounted for pursuant to Accounting Principles Board Opinion No. 25, as permitted by paragraph 5 of Statement of Financial Accounting Standards No. 123. Since these options will have no intrinsic value on the date of grant, no compensation expense will be recognized.

The estimated fair value of these discretionary options on the date of grant is \$709 million using a Black-Scholes option pricing model. If Statement of Financial Accounting Standards No. 123 had been applied, compensation expense of \$185 million and \$46 million would have been included in the Pro Forma Consolidated Income Statement Information in fiscal 1998 and the three months ended February 26, 1999, respectively. See “Management — The Employee Initial Public Offering Awards” for a description of these awards.

(d) Pro forma provision for income taxes. Adjustment to reflect a pro forma provision for income taxes for Goldman Sachs in corporate form at an effective tax rate of 41%.

(e) Pro forma common stock and non-voting common stock. Shares outstanding, computed on a weighted-average basis, after giving effect to the Pro Forma Adjustments. For the purpose of calculating basic earnings per share and book value per share, shares outstanding prior to the offerings includes the nonvoting common stock, the shares of common stock irrevocably contributed to the defined contribution plan and, pursuant to Statement of Financial Accounting Standards No. 128, the shares of common stock underlying the restricted stock units awarded to employees based on a formula since future service is not required as a condition to the

NOTES TO PRO FORMA CONSOLIDATED FINANCIAL INFORMATION — (Continued)

delivery of the underlying shares of common stock.

With respect to the three months ended February 26, 1999, pro forma basic shares outstanding also includes the shares of common stock underlying the restricted stock units assumed to be awarded in lieu of ongoing cash compensation in fiscal 1998 for which future service would not have been required as a condition to the delivery of the underlying shares of common stock.

Pro forma diluted shares outstanding prior to the offerings reflects the dilutive effect of the common stock deliverable pursuant to the restricted stock units awarded to employees on a discretionary basis, and, with respect to the three months ended February 26, 1999, the dilutive effect of the shares of common stock underlying the restricted stock units assumed to be awarded in lieu of ongoing cash compensation in fiscal 1998 for which future service would have been required as a condition to the delivery of the underlying shares of common stock.

(f) Adjustment for the offerings.

Shares as adjusted to reflect the issuance of 51,000,000 shares of common stock offered by The Goldman Sachs Group, Inc., which reflects the exercise, in full, of the underwriters' options to purchase 9,000,000 shares of common stock. Net proceeds from the offerings reflect the deduction of underwriting discounts and of estimated expenses payable by Goldman Sachs in connection with the offerings.

(g) Charitable contribution. Adjustment to reflect the charitable contribution of \$200 million.

(h) Retired limited partner exchanges of interests for cash. Adjustment to reflect the payment of \$891 million in cash to the retired limited partners in exchange for their interests in The Goldman Sachs Group, L.P. and certain affiliates.

(i) Redemption of senior limited partnership interests for cash. Adjustment to reflect the redemption of the senior limited

partnership interests for cash of \$888 million by The Goldman Sachs Group, L.P. prior to the incorporation transactions described under "Certain Relationships and Related Transactions — Incorporation and Related Transactions — Incorporation Transactions".

(j) Partner exchanges of interests for shares. Adjustment of \$3,609 million to reflect the issuance of 265,019,073 shares of common stock to the managing directors who were profit participating limited partners, 47,270,551 shares of common stock to retired limited partners, 30,425,052 shares of common stock and 7,440,362 shares of nonvoting common stock to Sumitomo Bank Capital Markets, Inc. and 30,975,421 shares of common stock to Kamehameha Activities Association, in exchange for their respective interests in The Goldman Sachs Group, L.P. and certain affiliates.

(k) Cash distributions. Adjustment to reflect cash distributions of \$1,232 million by The Goldman Sachs Group, L.P. to its partners, including Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association, in the second quarter of fiscal 1999 in accordance with its partnership agreement, including distributions for partner income taxes related to earnings in the first quarter of fiscal 1999, capital withdrawals by the managing directors who were profit participating limited partners, Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association and distributions to satisfy obligations to certain retired limited partners.

Goldman Sachs expects that additional cash distributions for partner income taxes related to earnings in the second quarter of fiscal 1999 will be significant due, in part, to certain expenses that are not deductible by the partners. Goldman Sachs expects to record a substantial tax asset on the consummation of the offerings related to these expenses. These cash distributions and the related tax asset are not reflected in the Pro Forma Consolidated Balance Sheet Information.

NOTES TO PRO FORMA CONSOLIDATED FINANCIAL INFORMATION — (Continued)

(l) **Net tax assets.** Adjustment to reflect the addition to retained earnings related to the recognition of a net tax asset of \$1,815 million under Statement of Financial Accounting Standards No. 109 at an effective tax rate of 41%. The components of this net tax asset, which will be included in "Other assets" on the consolidated statement of financial condition, are (i) a net benefit of \$808 million related to the conversion of The Goldman Sachs Group, L.P. to corporate form, (ii) a benefit of \$925 million related to the 30,025,946 restricted stock units awarded to employees based on a formula and the initial irrevocable contribution of 12,555,866 shares of common stock to the defined contribution plan and (iii) a benefit of \$82 million related to the charitable contribution.

As discussed in Note 2(k) above, Goldman Sachs expects to record a substan-

tial tax asset on the consummation of the offerings related to certain expenses that are not deductible by the partners in fiscal 1999. The tax asset associated with these expenses in the second quarter of fiscal 1999 is not reflected in the Pro Forma Consolidated Balance Sheet Information.

(m) **Effect on stockholders' equity of employee initial public offering awards.** Adjustment to reflect the effect on the components of stockholders' equity, excluding the tax benefit described in Note 2(l) above, of (i) the restricted stock units awarded to employees based on a formula, (ii) the initial irrevocable contribution of shares of common stock to the defined contribution plan and (iii) the restricted stock units awarded to employees on a discretionary basis.

The following table sets forth each of these components as of February 26, 1999:

	<u>Common Stock and Nonvoting Common Stock</u>	<u>Restricted Stock Units</u>	<u>Additional Paid-In Capital</u>	<u>Retained Earnings</u>	<u>Unearned Compensation</u>
			(in millions)		
Restricted stock units awarded based on a formula	\$ —	\$1,591	\$ —	\$(1,591)	\$ —
Contribution of shares of common stock to the defined contribution plan	—	—	666	(666)	—
Restricted stock units awarded on a discretionary basis	<u>—</u>	<u>1,765</u>	<u>—</u>	<u>—</u>	<u>(1,765)</u>
Total Adjustment	<u>\$ —</u>	<u>\$3,356</u>	<u>\$666</u>	<u>\$(2,257)</u>	<u>\$(1,765)</u>

DILUTION

As of February 26, 1999, the pro forma net tangible book value of Goldman Sachs was approximately \$4.89 billion, or approximately \$11.55 per share (which includes the shares of nonvoting common stock, the shares of common stock irrevocably contributed to the defined contribution plan and the shares of common stock underlying the restricted stock units awarded to employees based on a formula). "Pro forma net tangible book value" per share represents the amount of Goldman Sachs' total consolidated tangible assets minus total consolidated liabilities, divided by the 423,712,271 shares outstanding on a pro forma basis after giving effect to the Pro Forma Adjustments described under "Pro Forma Consolidated Financial Information". After giving effect to the sale by The Goldman Sachs Group, Inc. of 51,000,000 shares of

common stock in the offerings at the initial public offering price of \$53.00 per share and after deducting the underwriting discounts and estimated expenses payable by Goldman Sachs in the offerings, the pro forma net tangible book value of Goldman Sachs as of February 26, 1999 would have been approximately \$7.46 billion, or approximately \$15.72 per share. This represents an immediate increase in net tangible book value of \$4.17 per share to existing shareholders and an immediate dilution in net tangible book value of \$37.28 per share to new investors purchasing shares of common stock at the initial public offering price.

The following table illustrates this dilution on a per share basis:

Initial public offering price per share of common stock	\$53.00
Pro forma net tangible book value per share before giving effect to the offerings(1)	\$11.55
Increase in net tangible book value per share attributable to the sale of common stock in the offerings(2)	<u>4.17</u>
Pro forma net tangible book value per share after giving effect to the offerings(1)	<u>15.72</u>
Dilution in net tangible book value per share to new investors(3)	<u>\$37.28</u>

(1) Goldman Sachs' intangible assets as of February 26, 1999 were \$166 million, comprised primarily of goodwill, equivalent to \$0.39 per share, after giving effect to the Pro Forma Adjustments described under "Pro Forma Consolidated Financial Information", and \$0.35 per share after giving effect to the offerings.

(2) After deducting the underwriting discounts and estimated expenses payable by Goldman Sachs in the offerings.

(3) Dilution is determined by subtracting pro forma net tangible book value per share after giving effect to the offerings from the initial public offering price per share paid by a new investor.

Shares outstanding excludes 40,127,592 shares of common stock deliverable pursuant to the options awarded to employees on a discretionary basis, 33,292,869 shares of common stock deliverable pursuant to the restricted stock units awarded to employees

on a discretionary basis and shares of common stock that may be awarded in the future under the stock incentive plan. See "Management — The Employee Initial Public Offering Awards" for a description of these awards and the stock incentive plan.

CAPITALIZATION

The following table sets forth the consolidated capitalization of Goldman Sachs as of February 26, 1999:

- on an historical basis;
- on a pro forma basis after giving effect to the Pro Forma Adjustments described under “Pro Forma Consolidated Financial Information”; and
- as adjusted for the sale of 51,000,000 shares of common stock by The Goldman

Sachs Group, Inc. in the offerings at the initial public offering price of \$53.00 per share, after deduction of the underwriting discounts and estimated expenses payable by Goldman Sachs in the offerings.

This table should be read in conjunction with the consolidated financial statements and their notes and the Pro Forma Consolidated Financial Information and their notes.

	As of February 26, 1999		
	Historical	Pro Forma	Pro Forma as Adjusted for the Offerings
	(\$ in millions)		
Short-term borrowings (including commercial paper) (1)	\$33,863	\$33,863	\$33,863
Long-term borrowings (2):			
Senior debt (3)	\$20,405	\$20,405	\$20,405
Junior subordinated debentures (4)	—	371	371
Total long-term borrowings	20,405	20,776	20,776
Partners' capital	6,612	—	—
Stockholders' equity:			
Preferred stock, par value \$0.01 per share; 150,000,000 shares authorized, no shares issued and outstanding	—	—	—
Common stock, par value \$0.01 per share; 4,000,000,000 shares authorized, 386,245,963 shares issued and outstanding (437,245,963 shares issued and outstanding as adjusted) (5)	—	4	4
Restricted stock units; 63,318,815 units issued and outstanding (6) ...	—	3,356	3,356
Nonvoting common stock, par value \$0.01 per share; 200,000,000 shares authorized, 7,440,362 shares issued and outstanding	—	0	0
Additional paid-in capital	—	4,271	6,839
Retained earnings	—	(807)	(807)
Unearned compensation (7)	—	(1,765)	(1,765)
Total stockholders' equity	—	5,059	7,627
Total capitalization	\$27,017	\$25,835	\$28,403

- (1) Includes current portion of long-term borrowings of \$6,285 million. See Note 4 to the unaudited condensed consolidated financial statements as of February 26, 1999 for further information regarding Goldman Sachs' short-term borrowings.
- (2) After the offerings and subject to market conditions, we intend to raise additional funds in the public debt securities market, including through an anticipated \$1 billion offering of long-term debt securities and an anticipated €1 billion offering of long-term debt securities payable in euros.
- (3) Includes subordinated debt of Goldman, Sachs & Co. of \$275 million.
- (4) Consists of junior subordinated debentures issued to the retired limited partners as part of the incorporation transactions. See “Certain Relationships and Related Transactions — Incorporation and Related Transactions” for further information regarding the issuance of the debentures.
- (5) Common stock outstanding includes 12,555,866 shares of common stock irrevocably contributed to the defined contribution plan. Common stock outstanding excludes 40,127,592 shares of common stock deliverable pursuant to the options awarded to employees on a discretionary basis. See “Management — The Employee Initial Public Offering Awards” for more detailed information regarding these awards.
- (6) Restricted stock units include 30,025,946 shares of common stock underlying the restricted stock units awarded to employees based on a formula and 33,292,869 shares of common stock underlying the restricted stock units awarded to employees on a discretionary basis.
- (7) Unearned compensation relates to the award of the restricted stock units awarded to employees on a discretionary basis.

SELECTED CONSOLIDATED FINANCIAL DATA

The selected historical consolidated income statement and balance sheet data set forth below have been derived from Goldman Sachs' consolidated financial statements and their notes. Goldman Sachs' consolidated financial statements have been audited by PricewaterhouseCoopers LLP, independent public accountants, as of November 28, 1997 and November 27, 1998 and for the years ended November 29, 1996, November 28, 1997 and November 27, 1998. Goldman Sachs' condensed consolidated financial statements have been reviewed by PricewaterhouseCoopers LLP as of February 26, 1999 and for the three months ended February 27, 1998 and February 26, 1999. These financial statements are included elsewhere in this prospectus, together with the reports thereon of PricewaterhouseCoopers LLP.

The selected historical consolidated income statement and balance sheet data set forth below as of November 25, 1994, November 24, 1995 and November 29, 1996 and for the years ended November 25, 1994 and November 24, 1995 have been derived from audited consolidated financial statements of Goldman Sachs not included in this prospectus.

The selected historical consolidated income statement and balance sheet data set forth below as of and for the three months ended February 26, 1999 and for the three months

ended February 27, 1998 have been derived from Goldman Sachs' unaudited condensed consolidated financial statements that, in the opinion of management, include all adjustments, consisting only of normal recurring adjustments, necessary for a fair presentation. The interim results set forth below for the three months ended February 26, 1999 may not be indicative of results for the full year.

The pro forma data set forth below for the year ended November 27, 1998 and as of and for the three months ended February 26, 1999 have been derived from the pro forma data set forth in "Pro Forma Consolidated Financial Information" included elsewhere in this prospectus. The pro forma consolidated income statement information set forth in "Pro Forma Consolidated Financial Information" for the year ended November 27, 1998 have been examined by PricewaterhouseCoopers LLP. The pro forma consolidated financial information as of and for the three months ended February 26, 1999 has been reviewed by PricewaterhouseCoopers LLP.

The selected consolidated financial data should be read in conjunction with "Management's Discussion and Analysis of Financial Condition and Results of Operations", "Pro Forma Consolidated Financial Information" and the consolidated financial statements and their notes.

	As of or for Year Ended November					As of or for Three Months Ended February	
	1994	1995	1996	1997	1998	1998	1999
	(in millions, except per share amounts)						
Income Statement Data:							
Total revenues	\$12,452	\$ 14,324	\$ 17,289	\$ 20,433	\$ 22,478	\$ 5,903	\$ 5,856
Interest expense	8,915	9,841	11,160	12,986	13,958	3,431	2,861
Net revenues	3,537	4,483	6,129	7,447	8,520	2,472	2,995
Compensation and benefits (1)	1,789	2,005	2,421	3,097	3,838	1,100	1,275
Other operating expenses	1,240	1,110	1,102	1,336	1,761	350	532
Pre-tax earnings (1)	<u>\$ 508</u>	<u>\$ 1,368</u>	<u>\$ 2,606</u>	<u>\$ 3,014</u>	<u>\$ 2,921</u>	<u>\$ 1,022</u>	<u>\$ 1,188</u>
Balance Sheet Data:							
Total assets (2)	\$95,296	\$100,066	\$152,046	\$178,401	\$217,380	—	\$230,624
Long-term borrowings	14,418	13,358	12,376	15,667	19,906	—	20,405
Total liabilities (2)	89,981	94,686	145,753	171,864	210,996	—	223,633
Partners' capital	4,771	4,905	5,309	6,107	6,310	—	6,612
Pro Forma Data: (3)							
Pro forma net earnings	—	—	—	—	\$ 1,256	—	\$ 516
Pro forma diluted earnings per share (4)	—	—	—	—	2.93	—	1.18
Pro forma diluted earnings per share as adjusted for the offerings (5)	—	—	—	—	2.62	—	1.06
Pro forma diluted shares as adjusted for the offerings (5)	—	—	—	—	479	—	488
Pro forma stockholders' equity as adjusted for the offerings	—	—	—	—	—	—	\$ 7,627
Pro forma book value per share as adjusted for the offerings	—	—	—	—	—	—	16.07

SELECTED CONSOLIDATED FINANCIAL DATA

	As of or for Year Ended November					As of or for Three Months Ended February	
	1994	1995	1996	1997	1998	1998	1999
	(\$ in millions)						
Selected Data and Ratios (unaudited):							
Pre-tax return on average partners' capital(1)	10%	28%	51%	53%	47%	—	—
Ratio of compensation and benefits to net revenues(1)	51	45	40	42	45	44%	43%
Employees:							
United States	5,822	5,356	5,818	6,879	8,349	7,008	8,244
International	3,176	2,803	3,159	3,743	4,684	3,891	4,634
Total employees(6)	<u>8,998</u>	<u>8,159</u>	<u>8,977</u>	<u>10,622</u>	<u>13,033</u>	<u>10,899</u>	<u>12,878</u>
Assets under supervision:							
Assets under management	\$43,671	\$ 52,358	\$ 94,599	\$135,929	\$194,821	\$151,189	\$206,380
Other client assets	49,061	57,716	76,892	102,033	142,018	114,928	163,315
Total assets under supervision	<u>\$92,732</u>	<u>\$110,074</u>	<u>\$171,491</u>	<u>\$237,962</u>	<u>\$336,839</u>	<u>\$266,117</u>	<u>\$369,695</u>

- (1) Since we have historically operated in partnership form, payments to our profit participating limited partners have been accounted for as distributions of partners' capital rather than as compensation expense. As a result, our pre-tax earnings and compensation and benefits expense have not reflected any payments for services rendered by our managing directors who were profit participating limited partners. Accordingly, our historical pre-tax earnings understate the expected operating costs to be incurred by us after the offerings. As a corporation, we will include payments for services rendered by our managing directors who were profit participating limited partners in compensation and benefits expense. For financial information that reflects pro forma compensation and benefits expense as if we had been a corporation, see "Pro Forma Consolidated Financial Information".
- (2) Total assets and liabilities were increased by \$11.64 billion as of November 27, 1998 and \$8.99 billion as of February 26, 1999 due to the adoption of the provisions of Statement of Financial Accounting Standards No. 125 that were deferred by Statement of Financial Accounting Standards No. 127. For a discussion of Statement of Financial Accounting Standards Nos. 125 and 127, see "Accounting Developments" in Note 2 to the audited consolidated financial statements.
- (3) Reflects such adjustments as are necessary, in the opinion of management, for a fair presentation of the results of operations and stockholders' equity of Goldman Sachs on a pro forma basis. See "Pro Forma Consolidated Financial Information" for more detailed information concerning these adjustments.
- (4) Calculated based on weighted-average diluted shares outstanding after giving effect to the Pro Forma Adjustments. See "Pro Forma Consolidated Financial Information" for more detailed information concerning these adjustments and the calculation of pro forma earnings per share.
- (5) Calculated based on weighted-average diluted shares outstanding after giving effect to the Pro Forma Adjustments and as adjusted to reflect the issuance of 51,000,000 shares of common stock offered by The Goldman Sachs Group, Inc. at the initial public offering price set forth on the cover page of this prospectus. See "Pro Forma Consolidated Financial Information" for more detailed information concerning these adjustments and the calculation of pro forma earnings per share.
- (6) Excludes employees of Goldman Sachs' two property management subsidiaries, The Archon Group, L.P. and Archon Group (France) S.C.A. Substantially all of the costs of these employees are reimbursed to Goldman Sachs by the real estate investment funds to which the two companies provide property management services. In addition, as of February 26, 1999, we had 3,400 temporary staff and consultants. For more detailed information regarding our employees, see "Business — Employees".

**REPORT OF INDEPENDENT ACCOUNTANTS ON MANAGEMENT'S DISCUSSION AND
ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

To the Partners,
The Goldman Sachs Group, L.P.:

We have examined Management's Discussion and Analysis of Financial Condition and Results of Operations, except as discussed in the third paragraph below ("MD&A"), taken as a whole, of The Goldman Sachs Group, L.P. and Subsidiaries (the "Firm") for the three-year period ended November 27, 1998, included on pages 37 to 62 of this prospectus. Management is responsible for the preparation of the Firm's MD&A pursuant to the rules and regulations adopted by the Securities and Exchange Commission. Our responsibility is to express an opinion on the presentation based on our examination. We have audited, in accordance with generally accepted auditing standards, the consolidated financial statements of the Firm as of November 27, 1998 and November 28, 1997, and for each of the three years in the period ended November 27, 1998, and in our report dated January 22, 1999, we expressed an unqualified opinion on those financial statements.

Our examination of MD&A was made in accordance with attestation standards established by the American Institute of Certified Public Accountants and, accordingly, included examining, on a test basis, evidence supporting the historical amounts and disclosures in the presentation. An examination also includes assessing the significant determinations made by management as to the relevance of information to be included and the estimates and assumptions that affect reported information. We believe that our examination provides a reasonable basis for our opinion.

The preparation of MD&A requires management to interpret the criteria, make determinations as to the relevance of information to be included, and make estimates and assumptions that affect reported information. MD&A includes information regarding the estimated future impact of transactions and events that have occurred or are expected to occur, expected sources of liquidity and capital resources, operating trends, commitments, and uncertainties, including those related to the Year 2000 readiness issue. Actual results in the future may differ materially from management's present assessment of this information because events and circumstances frequently do not occur as expected.

Our examination of MD&A of the Firm did not include (i) the information presented under the headings "VaR" or "VaR Methodology, Assumptions and Limitations" or (ii) information for the three months ended February 26, 1999 and February 27, 1998. Accordingly, we express no opinion on such information.

In our opinion, the Firm's presentation of MD&A for the three-year period ended November 27, 1998 includes, in all material respects, the required elements of the rules and regulations adopted by the Securities and Exchange Commission; the historical financial amounts included therein have been accurately derived, in all material respects, from the Firm's financial statements; and the underlying information, determinations, estimates, and assumptions of the Firm provide a reasonable basis for the disclosures contained therein.

PricewaterhouseCoopers LLP

New York, New York
March 15, 1999.

MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Goldman Sachs is a global investment banking and securities firm that provides a wide range of services worldwide to a substantial and diversified client base.

Our activities are divided into three principal business lines:

- Investment Banking, which includes financial advisory services and underwriting;
- Trading and Principal Investments, which includes fixed income, currency and commodities ("FICC"), equities and principal investments (principal investments reflect primarily our investments in our merchant banking funds); and
- Asset Management and Securities Services, which includes asset management, securities services and commissions.

All references to 1996, 1997 and 1998 refer to our fiscal year ended, or the date, as the context requires, November 29, 1996, November 28, 1997 and November 27, 1998, respectively, and all references to February 1998 and February 1999 refer to our three-month fiscal period ended, or the date, as the context requires, February 27, 1998 and February 26, 1999, respectively.

When we use the terms "Goldman Sachs", "we" and "our", we mean, prior to the principal incorporation transactions that are described under "Certain Relationships and Related Transactions — Incorporation and Related Transactions — Incorporation Transactions", The Goldman Sachs Group, L.P., a Delaware limited partnership, and its consolidated subsidiaries and, after the incorporation transactions, The Goldman Sachs Group, Inc., a Delaware corporation, and its consolidated subsidiaries.

Business Environment

Economic and market conditions can significantly affect our performance. For a number of years leading up to the second half of 1998, we operated in a generally favorable macroeconomic environment characterized by low inflation, low interest rates and strong equity markets in the United States and many

international markets. This favorable economic environment provided a positive climate for our investment banking activities, as well as for our customer-driven and proprietary trading activities. Economic conditions were also favorable for wealth creation which contributed positively to growth in our asset management businesses.

From mid-August to mid-October 1998, the Russian economic crisis, the turmoil in Asian and Latin American emerging markets and the resulting move to higher credit quality fixed income securities by many investors led to substantial declines in global financial markets. Investors broadly sold credit-sensitive products, such as corporate and high-yield debt, and bought higher-rated instruments, such as U.S. Treasury securities, which caused credit spreads to widen dramatically. This market turmoil also caused a widespread decline in global equity markets.

As a major dealer in fixed income securities, Goldman Sachs maintains substantial inventories of corporate and high-yield debt. Goldman Sachs regularly seeks to hedge the interest rate risk on these positions through, among other strategies, short positions in U.S. Treasury securities. In the second half of 1998, we suffered losses from both the decline in the prices of corporate and high-yield debt instruments that we owned and the increase in the prices of the U.S. Treasury securities in which we had short positions.

This market turmoil also led to trading losses in our fixed income relative value trading positions. Relative value trading positions are intended to profit from a perceived temporary dislocation in the relationship between the values of different financial instruments. From mid-August to mid-October 1998, the components of these relative value positions moved in directions that we did not anticipate and the volatilities of some of our positions increased to three times prior levels. When Goldman Sachs and other market participants with similar positions simultaneously sought to reduce positions and exposures, this caused a substantial reduction in market liquidity and a continuing decline in prices.

In the second half of 1998, we also experienced losses in equity arbitrage and in the value of a number of merchant banking investments.

Later in the fourth quarter of 1998, market conditions improved as the U.S. Federal Reserve cut interest rates, the International Monetary Fund finalized a credit agreement with Brazil and a consortium of 14 financial institutions, including Goldman Sachs, recapitalized Long-Term Capital Portfolio, L.P. For a further discussion of Long-Term Capital Portfolio, L.P., see “— Liquidity — The Balance Sheet” below.

Our earnings in the second half of 1998 were adversely affected by market conditions from mid-August to mid-October. In this difficult business environment, Trading and Principal Investments recorded net revenues of \$464 million in the third quarter of 1998 and net revenues of negative \$663 million in the fourth quarter of 1998. As a result, Trading and Principal Investments did not make a significant contribution to pre-tax earnings in 1998.

In the first quarter of 1999, we operated in a generally favorable macroeconomic environment characterized by low inflation and low interest rates. Global financial markets recovered from the turbulent conditions of the second half of 1998, leading to narrowing credit spreads and an increase in mergers and acquisitions and other corporate activity.

The macroeconomic environment in the first quarter of 1999 was particularly favorable in the United States, where inflationary pressures were minimal and interest rates were left unchanged by the U.S. Federal Reserve. Economic growth in Europe was sluggish despite a simultaneous cut in interest rates by 11 European central banks in December and the successful establishment of the European Economic and Monetary Union in January. Markets in Asia and Latin America were generally characterized by continuing economic and financial difficulties, particularly in Japan and Brazil. In a number of Asian emerging markets, however, economic and market conditions stabilized in the first quarter of 1999.

Results of Operations

Management believes that the best measure by which to assess Goldman Sachs' historical profitability is pre-tax earnings because, as a partnership, we generally have not been subject to U.S. federal or state income taxes. See “— Provision for Taxes” below and Note 2 to the audited consolidated financial statements for a further discussion of our provision for taxes.

Since historically we have operated as a partnership, payments to our profit participating limited partners have been accounted for as distributions of partners' capital rather than as compensation expense. As a result, our compensation and benefits expense has not reflected any payments for services rendered by managing directors who were profit participating limited partners and has therefore understated the expected operating costs to be incurred by us after the offerings. As a corporation, we will include these payments to managing directors who were profit participating limited partners in compensation and benefits expense, as discussed under “Pro Forma Consolidated Financial Information”. See “Management — The Partner Compensation Plan” for a further discussion of the plan to be adopted for the purpose of compensating our managing directors who were profit participating limited partners.

Moreover, in connection with the offerings, we will record the effect of the following non-recurring items in the second quarter of 1999:

- the award of the restricted stock units to employees based on a formula;
- the initial irrevocable contribution of shares of common stock to the defined contribution plan;
- the recognition of net tax assets; and
- the contribution to the Goldman Sachs Fund, a charitable foundation.

We also expect to record additional expense in the second quarter of 1999 equal to (i) 50% of the estimated compensation and benefits of the managing directors who were profit participating limited partners in 1999 based on the annualized results for the first half of 1999 offset by (ii) the effect of issuing

restricted stock units to employees, in lieu of cash compensation, for which future service is required as a condition to the delivery of the underlying shares of common stock. In accordance with Accounting Principles Board Opinion No. 25, these restricted stock units will be recorded as compensation expense over the four-year vesting period following the date of grant.

As a result, we expect to record a substantial pre-tax loss in the second quarter of 1999. See “Risk Factors — We Expect to Record a Substantial Pre-Tax Loss in the Second Quarter of Fiscal 1999”.

The composition of our historical net revenues has varied over time as financial markets and the scope of our operations have changed. The composition of net revenues can also vary over the shorter term due to fluctuations in economic and market conditions. As a result, period-to-period comparisons may not be meaningful. See “Risk Factors” for a discussion of factors that could affect our future performance.

Overview

The following table sets forth our net revenues and pre-tax earnings:

Financial Overview
(in millions)

	Year Ended November			Three Months Ended February	
	1996	1997	1998	1998	1999
Net revenues	\$6,129	\$7,447	\$8,520	\$2,472	\$2,995
Pre-tax earnings	2,606	3,014	2,921	1,022	1,188

February 1999 versus February 1998.

Our net revenues were \$2.99 billion in the three-month period ended February 1999, an increase of 21% compared to the same period in 1998. Net revenue growth was strong in Investment Banking, which increased 42%, primarily due to higher market levels of mergers and acquisitions and underwriting activity. Net revenues in Trading and Principal Investments increased 15% as higher net revenues in FICC and equities more than offset a reduction in principal investments. Net revenues in Asset Management and Securities Services increased 12% due to increased assets under management and higher customer balances in securities services. Pre-tax earnings increased 16% to \$1.19 billion for the period.

1998 versus 1997. Our net revenues were \$8.52 billion in 1998, an increase of 14% compared to 1997. Net revenue growth was strong in Investment Banking, which increased 30%, due to higher levels of mergers and acquisitions activity, and in Asset Management and Securities Services, which increased 43%, due to increased commissions,

higher customer balances in securities services and increased assets under management. Net revenues in Trading and Principal Investments decreased 19% compared to the prior year, due primarily to a 30% reduction of net revenues in FICC. Pre-tax earnings in 1998 were \$2.92 billion compared to \$3.01 billion in the prior year.

1997 versus 1996. Our net revenues were \$7.45 billion in 1997, an increase of 22% compared to 1996. Net revenue growth was strong in Asset Management and Securities Services, which increased 46%, due to increased commissions and asset management fees and higher assets under management and customer balances in securities services. Net revenues in Investment Banking increased 22% due to increased levels of mergers and acquisitions and debt underwriting activity. Net revenues in Trading and Principal Investments increased 9% over the prior year, due to higher net revenues in FICC and principal investments. Pre-tax earnings were \$3.01 billion in 1997, an increase of 16% over the prior year.

The following table sets forth the net revenues of our principal business lines:

Net Revenues by Principal Business Line
(in millions)

	Year Ended November			Three Months Ended February	
	1996	1997	1998	1998	1999
				(unaudited)	
Investment Banking	\$2,113	\$2,587	\$3,368	\$ 633	\$ 902
Trading and Principal Investments	2,693	2,926	2,379	1,182	1,357
Asset Management and Securities Services	1,323	1,934	2,773	657	736
Total net revenues	<u>\$6,129</u>	<u>\$7,447</u>	<u>\$8,520</u>	<u>\$2,472</u>	<u>\$2,995</u>

Net revenues in our principal business lines represent total revenues less allocations of interest expense to specific securities, commodities and other positions in relation to the level of financing incurred by each position. Interest expense is allocated to Trading and Principal Investments and the securities services component of Asset Management and Securities Services. Net revenues may not be indicative of the relative profitability of any principal business line.

Investment Banking

Goldman Sachs provides a broad range of investment banking services to a diverse group of corporations, financial institutions, governments and individuals. Our investment

banking activities are divided into two categories:

- **Financial Advisory.** Financial advisory includes advisory assignments with respect to mergers and acquisitions, divestitures, corporate defense activities, restructurings and spin-offs; and
- **Underwriting.** Underwriting includes public offerings and private placements of equity and debt securities.

The following table sets forth the net revenues of our Investment Banking business:

Investment Banking Net Revenues
(in millions)

	Year Ended November			Three Months Ended February	
	1996	1997	1998	1998	1999
				(unaudited)	
Financial advisory	\$ 931	\$1,184	\$1,774	\$363	\$522
Underwriting	1,182	1,403	1,594	270	380
Total Investment Banking	<u>\$2,113</u>	<u>\$2,587</u>	<u>\$3,368</u>	<u>\$633</u>	<u>\$902</u>

February 1999 versus February 1998. The Investment Banking business achieved net revenues of \$902 million in the three-month period ended February 1999, an in-

crease of 42% compared to the same period in 1998. Net revenue growth was strong in both financial advisory and underwriting, particularly in the communications, media and

entertainment, healthcare and financial institutions groups. Our Investment Banking business was particularly strong in Europe and the United States.

Financial advisory revenues increased 44% compared to the same period in 1998, primarily due to higher market levels of mergers and acquisitions activity as the trend toward consolidation continued in various industries. Underwriting revenues increased 41%, primarily due to increased levels of equity underwriting activity in Europe.

1998 versus 1997. The Investment Banking business achieved net revenues of \$3.37 billion in 1998, an increase of 30% compared to 1997. Net revenue growth was strong in financial advisory and, to a lesser extent, in underwriting as Goldman Sachs' global presence and strong client base enabled it to capitalize on higher levels of activity in many industry groups, including communications, media and entertainment, financial institutions, general industrials and retail. Net revenue growth in our Investment Banking business was strong in all major regions in 1998 compared to the prior year.

Financial advisory revenues increased 50% compared to 1997 due to increased revenues from mergers and acquisitions advisory assignments, which principally resulted from consolidation within various industries and generally favorable U.S. and European stock markets. Despite a substantial decrease in the number of industry-wide underwriting transactions in August and September of 1998, underwriting revenues increased 14% for the year, primarily due to increased revenues from equity and high-yield corporate debt underwriting activities.

1997 versus 1996. The Investment Banking business achieved net revenues of \$2.59 billion in 1997, an increase of 22% compared to 1996. Net revenue growth was strong in both financial advisory and underwriting, particularly in the financial institutions, general industrials and real estate groups.

Financial advisory revenues increased 27% compared to 1996 primarily due to increased revenues from mergers and acquisitions activity in the market as a whole.

Underwriting revenues increased 19% primarily due to increased revenues from investment grade and high-yield debt underwriting, which resulted from lower interest rates. Revenues from equity underwriting activities increased modestly over 1996 levels.

Trading and Principal Investments

Our Trading and Principal Investments business facilitates customer transactions and takes proprietary positions through market-making in and trading of fixed income and equity products, currencies, commodities, and swaps and other derivatives. The Trading and Principal Investments business includes the following:

- **FICC.** We make markets in and trade fixed income products, currencies and commodities, structure and enter into a wide variety of derivative transactions and engage in proprietary trading and arbitrage activities;
- **Equities.** We make markets in and trade equities and equity-related products, structure and enter into equity derivative transactions and engage in proprietary trading and equity arbitrage; and
- **Principal Investments.** Principal investments primarily represents net revenues from our investments in our merchant banking funds.

Net revenues from principal investments do not include management fees and the increased share of the income and gains from our merchant banking funds to which Goldman Sachs is entitled when the return on investments exceeds certain threshold returns to fund investors. These management fees and increased shares of income and gains are included in the net revenues of Asset Management and Securities Services.

Substantially all of our inventory is marked-to-market daily and, therefore, its value and our net revenues are subject to fluctuations based on market movements. In addition, net revenues derived from our principal investments in privately held concerns and in real estate may fluctuate significantly depending on the revaluation or sale of these investments in any given period.

The following table sets forth the net revenues of our Trading and Principal Investments business:

Trading and Principal Investments Net Revenues
(in millions)

	Year Ended November			Three Months Ended February	
	1996	1997	1998	1998	1999
				(unaudited)	
FICC	\$1,749	\$2,055	\$1,438	\$ 741	\$ 876
Equities	730	573	795	365	455
Principal investments	<u>214</u>	<u>298</u>	<u>146</u>	<u>76</u>	<u>26</u>
Total Trading and Principal Investments	<u>\$2,693</u>	<u>\$2,926</u>	<u>\$2,379</u>	<u>\$1,182</u>	<u>\$1,357</u>

February 1999 versus February 1998.

The Trading and Principal Investments business achieved net revenues of \$1.36 billion in the three-month period ended February 1999, an increase of 15% compared to the same period in 1998. Strong performances in FICC and equities more than offset a net revenue reduction in principal investments.

Net revenues in FICC increased 18% compared to the same period in 1998, primarily due to higher net revenues from market-making and trading of currencies, corporate bonds and mortgage-backed securities, partially offset by lower net revenues from fixed income derivatives.

Net revenues in equities increased 25% compared to the same period in 1998, primarily due to increased market-making net revenues resulting from strong over-the-counter transaction volume in Europe and the United States.

Net revenues from principal investments decreased 66%, due to lower gains on the disposition of investments and a reduction in net revenues related to the mark-to-market of our principal investments.

1998 versus 1997. Net revenues in Trading and Principal Investments were \$2.38 billion in 1998, a decrease of 19% compared to 1997. This decrease in net revenues was concentrated in the second half of the year. See “— Business Environment” above for a discussion of the losses suffered

in Trading and Principal Investments in the second half of 1998. For the full year, significant net revenue reductions in FICC and principal investments were partially offset by increased net revenues in equities.

Net revenues in FICC decreased 30% compared to 1997 due to an extraordinarily difficult environment in the second half of 1998. The net revenue reduction in FICC was concentrated in fixed income arbitrage and high-yield debt trading, which experienced losses in 1998 due to a reduction in liquidity and widening credit spreads in the second half of the year. An increase in net revenues from market-making and trading in fixed income derivatives, currencies and commodities partially offset this decline.

Net revenues in equities increased 39% compared to 1997 as higher net revenues in derivatives and European shares were partially offset by losses in equity arbitrage. The derivatives business generated significantly higher net revenues due, in part, to strong customer demand for over-the-counter products, particularly in Europe. Net revenues from European shares increased as Goldman Sachs benefited from generally favorable equity markets and increased customer demand. The equity arbitrage losses were due principally to the underperformance of various equity positions versus their benchmark hedges, to widening of spreads in a variety of relative value trades and to lower prices for event-oriented securities resulting from a re-

duction in announced mergers and acquisitions and other corporate activity in the second half of 1998.

Net revenues from principal investments declined 51% compared to 1997 as investments in certain publicly held companies decreased in value during the second half of 1998. This decrease was partially offset by an increase in gains on the disposition of investments compared to the prior year.

1997 versus 1996. The Trading and Principal Investments business achieved net revenues of \$2.93 billion in 1997, an increase of 9% compared to 1996. Strong performances in FICC and principal investments more than offset a net revenue reduction in equities.

Net revenues in FICC increased 17% compared to 1996 due principally to higher net revenues from market-making and trading in currencies, fixed income derivatives and commodities. Fixed income arbitrage activities also contributed to net revenue growth in FICC. Net revenues from market-making in and trading of emerging market debt securities and corporate bonds declined in 1997 compared to 1996.

Net revenues in equities decreased 22% in 1997 compared to 1996 due principally to reductions in net revenues from derivatives and convertibles resulting from volatility in the global equity markets in October and November 1997 and declining asset values in Japan in late November 1997. This reduction was

partially offset by increased net revenues from higher customer trading volume in certain European over-the-counter markets.

Net revenues from principal investments increased 39% in 1997 compared to 1996, as certain companies in which we invested through our merchant banking funds completed initial public offerings and our positions in other publicly held companies increased in value.

Asset Management and Securities Services

Asset Management and Securities Services is comprised of the following:

- **Asset Management.** Asset management generates management fees by providing investment advisory services to a diverse and rapidly growing client base of institutions and individuals;
- **Securities Services.** Securities services includes prime brokerage, financing services and securities lending and our matched book businesses, all of which generate revenue primarily in the form of fees or interest rate spreads; and
- **Commissions.** Commission-based businesses include agency transactions for clients on major stock and futures exchanges. Revenues from the increased share of the income and gains derived from our merchant banking funds are also included in commissions.

The following table sets forth the net revenues of our Asset Management and Securities Services business:

Asset Management and Securities Services Net Revenues
(in millions)

	<u>Year Ended November</u>			<u>Three Months Ended February</u>	
	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1998</u>	<u>1999</u>
				(unaudited)	
Asset management	\$ 242	\$ 458	\$ 675	\$139	\$202
Securities services	354	487	730	170	207
Commissions	<u>727</u>	<u>989</u>	<u>1,368</u>	<u>348</u>	<u>327</u>
Total Asset Management and Securities Services	<u>\$1,323</u>	<u>\$1,934</u>	<u>\$2,773</u>	<u>\$657</u>	<u>\$736</u>

Goldman Sachs' assets under supervision are comprised of assets under management and other client assets. Assets under management typically generate fees based on a percentage of their value and include our mutual funds, separate accounts managed for institutional and individual investors, our

merchant banking funds and other alternative investment funds. Other client assets are comprised of assets in brokerage accounts of primarily high net worth individuals, on which we earn commissions. The following table sets forth our assets under supervision:

Assets Under Supervision
(in millions)

	<u>Year Ended November</u>			<u>Three Months Ended February</u>	
	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1998</u>	<u>1999</u>
				(unaudited)	
Assets under management	\$ 94,599	\$135,929	\$194,821	\$151,189	\$206,380
Other client assets	<u>76,892</u>	<u>102,033</u>	<u>142,018</u>	<u>114,928</u>	<u>163,315</u>
Total assets under supervision	<u>\$171,491</u>	<u>\$237,962</u>	<u>\$336,839</u>	<u>\$266,117</u>	<u>\$369,695</u>

February 1999 versus February 1998.

The Asset Management and Securities Services business achieved net revenues of \$736 million in the three-month period ended February 1999, an increase of 12% compared to the same period in 1998. Strong performances in asset management and securities services more than offset a net revenue reduction in commissions.

Asset management revenues increased 45% compared to the same period in 1998, primarily reflecting a 43% increase in average

assets under management. In the 1999 period, approximately half of the increase in assets under management was attributable to net asset inflows, with the balance reflecting market appreciation. Net revenues from securities services increased 22% during the period, primarily due to growth in our securities borrowing and lending businesses. Commission revenues decreased 6%, as an increase in equity commissions was more than offset by a reduction in revenues from the increased share of income and gains from our merchant

banking funds compared to a particularly strong period in the prior year.

1998 versus 1997. The Asset Management and Securities Services business achieved net revenues of \$2.77 billion in 1998, an increase of 43% compared to 1997. All major components of the business line exhibited strong net revenue growth.

Asset management revenues increased 47% during this period, reflecting a 41% increase in average assets under management over 1997. In 1998, approximately 80% of the increase in assets under management was attributable to net asset inflows, with the remaining 20% reflecting market appreciation. Net revenues from securities services increased 50%, primarily due to growth in our securities borrowing and lending businesses. Commission revenues increased 38% as generally strong and highly volatile equity markets resulted in increased transaction volumes in listed equity securities. Revenues from the increased share of income and gains from our merchant banking funds also contributed significantly to the increase in commission revenues.

1997 versus 1996. The Asset Management and Securities Services business achieved net revenues of \$1.93 billion in 1997, an increase of 46% compared to 1996. All major components of the business line exhibited strong net revenue growth.

Asset management revenues increased 89% during this period, reflecting a 73% increase in average assets under management due to strong net asset inflows, market appreciation and assets added through the acquisitions of Liberty Investment Management in January 1997 and Commodities Corporation in June 1997. Net revenue growth in securities services was 38%, principally reflecting growth in our securities borrowing and lending businesses. Commission revenues increased 36% as customer trading volumes increased significantly on many of the world's principal stock exchanges, including those in the United States where industry-wide volumes increased substantially in the third and fourth quarters of 1997. Revenues from the increased share of income and gains from our merchant banking funds also con-

tributed significantly to the increase in commission revenues.

Operating Expenses

In recent years, our operating expenses have increased as a result of numerous factors, including higher levels of compensation, expansion of our asset management business, increased worldwide activities, greater levels of business complexity and additional systems and consulting costs relating to various technology initiatives.

Since we have historically operated in partnership form, payments to our profit participating limited partners have been accounted for as distributions of partners' capital rather than as compensation expense. As a result, our compensation and benefits expense has not reflected any payments for services rendered by our managing directors who were profit participating limited partners. Accordingly, our historical compensation and benefits, the principal component of our operating expenses, will increase significantly after the offerings since, as a corporation, we will include these payments to our managing directors who were profit participating limited partners in compensation and benefits expense.

We expect to record additional expense in the second quarter of 1999 equal to (i) 50% of the estimated compensation and benefits of the managing directors who were profit participating limited partners in 1999 based on the annualized results for the first half of 1999 offset by (ii) the effect of issuing restricted stock units to employees, in lieu of cash compensation, for which future service is required as a condition to the delivery of the underlying shares of common stock. In accordance with Accounting Principles Board Opinion No. 25, these restricted stock units will be recorded as compensation expense over the four-year vesting period following the date of grant. In addition, we expect to record non-cash compensation expense related to the amortization of the restricted stock units awarded to employees on a discretionary basis over the five-year period following the consummation of the offerings. The non-cash expense related to these restricted stock units is a fixed amount that is not dependent on our

operating results in any given period. See “Pro Forma Consolidated Financial Information” for a further discussion of these items.

The following table sets forth our operating expenses and number of employees:

Operating Expenses and Employees
(\$ in millions)

	Year Ended November			Three Months Ended February	
	1996	1997	1998	1998 (unaudited)	1999
Compensation and benefits	\$2,421	\$ 3,097	\$ 3,838	\$ 1,100	\$ 1,275
Brokerage, clearing and exchange fees	278	357	424	93	111
Market development	137	206	287	54	77
Communications and technology	173	208	265	58	78
Depreciation and amortization . .	172	178	242	42	97
Occupancy	154	168	207	44	78
Professional services and other	188	219	336	59	91
Total operating expenses	<u>\$3,523</u>	<u>\$ 4,433</u>	<u>\$ 5,599</u>	<u>\$ 1,450</u>	<u>\$ 1,807</u>
Employees at period end (1) . . .	8,977	10,622	13,033	10,899	12,878

(1) Excludes employees of Goldman Sachs’ two property management subsidiaries, The Archon Group, L.P. and Archon Group (France) S.C.A. Substantially all of the costs of these employees are reimbursed to Goldman Sachs by the real estate investment funds to which the two companies provide property management services. In addition, as of February 1999, we had approximately 3,400 temporary staff and consultants. For more detailed information regarding our employees, see “Business — Employees”.

February 1999 versus February 1998.

Operating expenses were \$1.81 billion in the three-month period ended February 1999, an increase of 25% over the same period in 1998, primarily due to increased compensation and benefits and higher other operating expenses due to, among other things, Goldman Sachs’ increased worldwide activities.

Compensation and benefits decreased as a percentage of net revenues to 43% from 44% in the same period in 1998. Employment levels increased 18% compared to the same period in 1998, with particularly strong growth in investment banking and asset management. Expenses associated with our temporary staff and consultants were \$98 million for the three-month period ended February 1999, an increase of 55%, reflecting preparations for the Year 2000 and greater levels of business activity.

Brokerage, clearing and exchange fees increased 19%, primarily due to higher transaction volumes in fixed income derivatives and futures contracts. Market development expenses increased 43% and professional services and other expenses increased 54%, due to higher levels of business activity. Communications and technology expenses increased 34%, reflecting higher telecommunications and market data costs associated with higher employment levels and additional spending on technology initiatives. Depreciation and amortization increased significantly due to certain fixed asset write-offs and to capital expenditures on telecommunications and technology-related equipment and leasehold improvements in support of Goldman Sachs’ increased worldwide activities. Occupancy expenses increased 77%, reflecting additional office space needed to accommodate higher employment levels.

1998 versus 1997. Operating expenses were \$5.60 billion in 1998, an increase of 26% over 1997, primarily due to increased compensation and benefits expense.

Compensation and benefits increased as a percentage of net revenues to 45% from 42% in 1997, principally as a result of increases in employment levels and in expenses associated with temporary staff and consultants. Employment levels increased 23% during the year, with particularly strong growth in asset management. Expenses associated with our temporary staff and consultants were \$330 million in 1998, an increase of 85% compared to 1997, reflecting greater business activity, Goldman Sachs' global expansion and consulting costs associated with various technology initiatives, including preparations for the Year 2000 and the establishment of the European Economic and Monetary Union.

Brokerage, clearing and exchange fees increased 19%, primarily due to higher transaction volumes in European and U.S. equities and futures contracts. Market development expenses increased 39% and professional services and other expenses increased 53%, due to higher levels of business activity and Goldman Sachs' global expansion. Communications and technology expenses increased 27%, reflecting higher telecommunications and market data costs associated with higher employment levels and additional spending on technology initiatives. Depreciation and amortization increased 36%, principally due to capital expenditures on telecommunications and technology-related equipment and leasehold improvements. Occupancy expenses increased 23%, reflecting additional office space needed to accommodate higher employment levels.

1997 versus 1996. Operating expenses were \$4.43 billion in 1997, an increase of 26% over 1996, primarily due to increased compensation and benefits expense.

Compensation and benefits increased as a percentage of net revenues to 42% from 40% in 1996. This increase primarily reflected higher compensation due to higher profit levels and an 18% increase in employment levels across Goldman Sachs due to higher

levels of market activity and our global expansion into new businesses and markets. Expenses associated with our temporary staff and consultants also contributed to the increase in compensation and benefits as a percentage of net revenues. These expenses were \$178 million in 1997, an increase of 55% compared to 1996, reflecting greater business activity, Goldman Sachs' global expansion and consulting costs associated with various technology initiatives.

Brokerage, clearing and exchange fees increased 28%, primarily due to higher transaction volumes in global equities, derivatives and currencies. Market development expenses increased 50% and professional services and other expenses increased 16%, due to higher levels of business activity and Goldman Sachs' global expansion. Communications and technology expenses increased 20%, reflecting higher telecommunications and market data costs associated with higher employment levels and additional spending on technology initiatives. Depreciation and amortization increased 3%. Occupancy expenses increased 9%, reflecting additional office space needed to accommodate higher employment levels.

Provision for Taxes

The Goldman Sachs Group, L.P., as a partnership, generally has not been subject to U.S. federal and state income taxes. The earnings of The Goldman Sachs Group, L.P. and certain of its subsidiaries have been subject to the 4% New York City unincorporated business tax. In addition, certain of our non-U.S. subsidiaries have been subject to income taxes in their local jurisdictions. The amount of our provision for income and unincorporated business taxes has varied significantly from year to year depending on the mix of earnings among our subsidiaries. For information on the pro forma effective tax rate of Goldman Sachs under corporate form, see "Pro Forma Consolidated Financial Information".

Geographic Data

For a summary of the total revenues, net revenues, pre-tax earnings and identifiable

assets of Goldman Sachs by geographic region, see Note 9 to the audited consolidated financial statements.

Cash Flows

Our cash flows are primarily related to the operating and financing activities undertaken in connection with our trading and market-making transactions.

Year Ended November 1998

Cash and cash equivalents increased to \$2.84 billion in 1998. Cash of \$62 million was provided by operating activities. Cash of \$656 million was used for investing activities, primarily for leasehold improvements and the purchase of telecommunications and technology-related equipment and certain financial instruments. Financing activities provided \$2.10 billion of cash, reflecting an increase in the net issuance of long-term and short-term borrowings, partially offset by a decrease in net repurchase agreements, distributions to partners, cash outflows related to partners' capital allocated for income taxes and potential withdrawals and the termination of our profit participation plans. See Note 8 to the audited consolidated financial statements for a discussion of the termination of the profit participation plans.

Year Ended November 1997

Cash and cash equivalents decreased to \$1.33 billion in 1997. Operating activities provided cash of \$70 million. Cash of \$693 million was used for investing activities, primarily for the purchase of certain financial instruments and technology-related equipment. Cash of \$258 million was used for financing activities, principally due to a decrease in net repurchase agreements, distributions to partners and cash outflows related to partners' capital allocated for income taxes and potential withdrawals, partially offset by the net issuance of long-term and short-term borrowings.

Year Ended November 1996

Cash and cash equivalents increased to \$2.21 billion in 1996. Cash of \$14.63 billion was used for operating activities, primarily to

fund higher net trading assets due to increased levels of business activity. Cash of \$218 million was used for investing activities, primarily for the purchase of technology-related equipment and leasehold improvements. Financing activities provided \$16.10 billion of cash, reflecting an increase in net repurchase agreements and the net issuance of long-term borrowings, partially offset by distributions to partners and cash outflows related to partners' capital allocated for income taxes and potential withdrawals.

Liquidity

Management Oversight of Liquidity

Management believes that one of the most important issues for a company in the financial services sector is access to liquidity. Accordingly, Goldman Sachs has established a comprehensive structure to oversee its liquidity and funding policies.

The Finance Committee has responsibility for establishing and assuring compliance with our asset and liability management policies and has oversight responsibility for managing liquidity risk, the size and composition of our balance sheet and our credit ratings. See "— Risk Management — Risk Management Structure" below for a further description of the committees that participate in our risk management process. The Finance Committee meets monthly, and more often when necessary, to evaluate our liquidity position and funding requirements.

Our Treasury Department manages the capital structure, funding, liquidity and relationships with creditors and rating agencies on a global basis. The Treasury Department works jointly with our global funding desk in managing our borrowings. The global funding desk is primarily responsible for our transactional short-term funding activity.

Liquidity Policies

In order to maintain an appropriate level of liquidity, management has implemented several liquidity policies as outlined below.

Diversification of Funding Sources and Liquidity Planning. Goldman Sachs maintains diversified funding sources with both

banks and non-bank lenders globally. Management believes that Goldman Sachs' relationships with its lenders are critical to its liquidity. We maintain close contact with our primary lenders to keep them advised of significant developments that affect us.

Goldman Sachs also has access to diversified funding sources with over 800 creditors, including banks, insurance companies, mutual funds, bank trust departments and other asset managers. We monitor our creditors to maintain broad and diversified credit, and no single creditor represented more than 5% of our uncollateralized funding sources as of November 1998. Uncollateralized funding sources principally include our short-term and long-term borrowings and letters of credit.

We access liquidity in a variety of markets in the United States as well as in Europe and Asia. In addition, we make extensive use of the repurchase agreement market and have raised debt in the private placement, the SEC's Rule 144A and the commercial paper markets, as well as through Eurobonds, money broker loans, commodity-based financings, letters of credit and promissory notes. After the offerings and subject to market conditions, we intend to raise additional funds in the public debt securities market, including through an anticipated \$1 billion offering of long-term debt securities and an anticipated €1 billion offering of long-term debt securities payable in euros. We seek to structure our liabilities to avoid significant amounts of debt coming due on any one day or during any single week or year. In addition, we maintain and update annually a liquidity crisis plan that provides guidance in the event of a liquidity crisis. The annual update of this plan is reviewed and approved by our Finance Committee.

Asset Liquidity. Goldman Sachs maintains a highly liquid balance sheet. Many of our assets are readily funded in the repurchase agreement markets, which generally have proven to be a consistent source of funding, even in periods of market stress. Substantially all of our inventory turns over rapidly and is marked-to-market daily. We maintain long-term borrowings and partners'

capital substantially in excess of our less liquid assets.

Dynamic Liquidity Management.

Goldman Sachs seeks to manage the composition of its asset base and the maturity profile of its funding to ensure that it can liquidate its assets prior to its liabilities coming due, even in times of liquidity stress. We have traditionally been able to fund our liquidity needs through collateralized funding, such as repurchase transactions and securities lending, as well as short-term and long-term borrowings and partners' capital. To further evaluate the adequacy of our liquidity management policies and guidelines, we perform weekly "stress funding" simulations of disruptions to our access to unsecured credit.

Excess Liquidity. In addition to maintaining a highly liquid balance sheet and a significant portion of longer-term liabilities to assure liquidity even during adverse conditions, we seek to maintain a liquidity cushion that consists principally of unencumbered U.S. government and agency obligations to ensure the availability of immediate liquidity. This pool of highly liquid assets averaged \$14.17 billion during 1998 and \$12.54 billion during 1997.

Liquidity Ratio Maintenance. It is Goldman Sachs' policy to further manage its liquidity by maintaining a "liquidity ratio" of at least 100%. This ratio measures the relationship between the loan value of our unencumbered assets and our short-term unsecured liabilities. The maintenance of this liquidity ratio is intended to ensure that we could fund our positions on a fully secured basis in the event that we were unable to replace our unsecured debt maturing within one year. Under this policy, we seek to maintain unencumbered assets in an amount that, if pledged or sold, would provide the funds necessary to replace unsecured obligations that are scheduled to mature (or where holders have the option to redeem) within the coming year.

Intercompany Funding. Most of the liquidity of Goldman Sachs is raised by The Goldman Sachs Group, L.P., which then lends the necessary funds to its subsidiaries and affiliates. We carefully manage our intercom-

pany exposure by generally requiring intercompany loans to have maturities equal to or shorter than the maturities of the aggregate borrowings of The Goldman Sachs Group, L.P. This policy ensures that the subsidiaries' obligations to The Goldman Sachs Group, L.P. will generally mature in advance of The Goldman Sachs Group, L.P.'s third-party long-term borrowings. In addition, many of the advances made to our subsidiaries and affiliates are secured by marketable securities or other liquid collateral. We generally fund our equity investments in subsidiaries with partners' capital.

The Balance Sheet

Goldman Sachs maintains a highly liquid balance sheet that fluctuates significantly between financial statement dates. In the fourth quarter of 1998, we temporarily decreased our total assets to reduce risk and increase liquidity in response to difficult conditions in the global financial markets.

Our total assets were \$230.62 billion as of February 1999 and \$217.38 billion as of November 1998.

Our balance sheet size as of February 1999 and November 1998 increased by \$8.99 billion and \$11.64 billion, respectively, due to the adoption of the provisions of Statement of Financial Accounting Standards No. 125 that were deferred by Statement of Financial Accounting Standards No. 127. For a discussion of Statement of Financial Accounting Standards Nos. 125 and 127, see "— Accounting Developments" below and Note 2 to the audited consolidated financial statements.

As of February 1999 and November 1998, we held approximately \$999 million and \$1.04 billion, respectively, in high-yield debt securities and \$1.39 billion and \$1.49 billion, respectively, in bank loans, all of which are valued on a mark-to-market basis. These assets may be relatively illiquid during times of market stress. We seek to diversify our

holdings of these assets by industry and by geographic location.

As of February 1999 and November 1998, we held approximately \$1.04 billion and \$1.17 billion, respectively, of emerging market securities, and \$103 million and \$109 million, respectively, in emerging market loans, all of which are valued on a mark-to-market basis. Of the \$1.14 billion and \$1.28 billion in emerging market securities and loans, as of February 1999 and November 1998, respectively, approximately \$778 million and \$968 million were sovereign obligations, many of which are collateralized as to principal at stated maturity.

In September 1998, a consortium of 14 banks and brokerage firms, including Goldman Sachs, made an equity investment in Long-Term Capital Portfolio, L.P., a major market participant. The objectives of this investment were to provide sufficient capital to permit Long-Term Capital Portfolio, L.P. to continue active management of its positions and, over time, to reduce risk exposures and leverage, to return capital to the participants in the consortium and ultimately to realize the potential value of the portfolio. We invested \$300 million in Long-Term Capital Portfolio, L.P.

Credit Ratings

Goldman Sachs relies upon the debt capital markets to fund a significant portion of its day-to-day operations. The cost and availability of debt financing is influenced by our credit ratings. Credit ratings are also important to us when competing in certain markets and when seeking to engage in longer-term transactions, including over-the-counter derivatives. A reduction in our credit ratings could increase our borrowing costs and limit our access to the capital markets. This, in turn, could reduce our earnings and adversely affect our liquidity.

The following table sets forth our credit ratings as of November 1998:

	<u>Short-term debt</u>	<u>Long-term debt</u>
Moody's Investors Service, Inc.	P-1	A1
Standard & Poor's Ratings Services (1)	A-1+	A+
Fitch IBCA, Inc.	F1+	AA-
CBRS Inc.	A-1(High)	A+

(1) On September 25, 1998, Standard & Poor's Ratings Services affirmed Goldman Sachs' credit ratings but revised its outlook to "negative". On April 16, 1999, Standard & Poor's Ratings Services revised its outlook to "stable".

Long-Term Debt

As of November 1998, our consolidated long-term borrowings were \$19.91 billion. Substantially all of these borrowings were unsecured and consisted principally of senior borrowings with maturities extending to 2024. The weighted average maturity of our long-term borrowings as of November 1998 was approximately four years. Substantially all of our long-term borrowings are swapped into U.S. dollar obligations with short-term floating rates of interest in order to minimize our exposure to interest rates and foreign exchange movements. See Note 5 to the audited consolidated financial statements for further information regarding our long-term borrowings.

Regulated Subsidiaries

Many of our principal subsidiaries are subject to extensive regulation in the United States and elsewhere. Goldman, Sachs & Co., a registered U.S. broker-dealer, is regulated by the SEC, the Commodity Futures Trading Commission, the Chicago Board of Trade, the NYSE and the NASD. Goldman Sachs International, a registered United Kingdom broker-dealer, is subject to regulation by the Securities and Futures Authority Limited and the Financial Services Authority. Goldman Sachs (Japan) Ltd., a Tokyo-based broker-dealer, is subject to regulation by the Japanese Ministry of Finance, the Financial Supervisory Agency, the Tokyo Stock Exchange, the Tokyo International Financial Futures Exchange and the Japan Securities Dealers Association. Several other subsidiaries of Goldman Sachs are regulated by securities, investment advi-

sory, banking and other regulators and authorities around the world. Compliance with the rules of these regulators may prevent us from receiving distributions, advances or repayment of liabilities from these subsidiaries. See Note 8 to the audited consolidated financial statements and Note 5 to the unaudited condensed consolidated financial statements for further information regarding our regulated subsidiaries.

Risk Management

Goldman Sachs has a comprehensive risk management process to monitor, evaluate and manage the principal risks assumed in conducting its activities. These risks include market, credit, liquidity, operational, legal and reputational exposures.

Risk Management Structure

Goldman Sachs seeks to monitor and control its risk exposure through a variety of separate but complementary financial, credit, operational and legal reporting systems. We believe that we have effective procedures for evaluating and managing the market, credit and other risks to which we are exposed. Nonetheless, the effectiveness of our policies and procedures for managing risk exposure can never be completely or accurately predicted or fully assured. For example, unexpectedly large or rapid movements or disruptions in one or more markets or other unforeseen developments can have a material adverse effect on our results of operations and financial condition. The consequences of these developments can include losses due to adverse changes in inventory values, de-

creases in the liquidity of trading positions, higher volatility in our earnings, increases in our credit risk to customers and counterparties and increases in general systemic risk. See “Risk Factors — Market Fluctuations Could Adversely Affect Our Businesses in Many Ways” for a discussion of the effect that market fluctuations can have on our businesses.

Goldman Sachs has established risk control procedures at several levels throughout

the organization. Trading desk managers have the first line of responsibility for managing risk within prescribed limits. These managers have in-depth knowledge of the primary sources of risk in their individual markets and the instruments available to hedge our exposures. In addition, a number of committees described in the following table are responsible for establishing trading limits, monitoring adherence to these limits and for general oversight of our risk management process.

Committee	Function
Management Committee	<p>All risk control functions ultimately report to the Management Committee. Through both direct and delegated authority, the Management Committee approves all of Goldman Sachs’:</p> <ul style="list-style-type: none"> • operating activities; • trading risk parameters; and • customer review guidelines.
Risk Committees	<p>The Firmwide Risk Committee:</p> <ul style="list-style-type: none"> • periodically reviews the activities of existing businesses; • approves new businesses and products; • approves divisional market risk limits and reviews business unit market risk limits; • approves inventory position limits for selected country exposures and business units; • approves sovereign credit risk limits and credit risk limits by ratings group; and • reviews scenario analyses based on abnormal or “catastrophic” market movements. <p>The FICC Risk Committee sets market risk limits for individual business units and sets issuer-specific net inventory position limits.</p> <p>The Equities Risk Committee sets market risk limits for individual business units that consist of gross and net inventory position limits and, for equity derivatives, limits based on market move scenario analysis.</p> <p>The Asset Management Control Oversight Committee and Asset Management Risk Committee oversee various operational, credit, pricing and business practices issues.</p>
Global Compliance and Control Committee	<p>The Global Compliance and Control Committee provides oversight of our compliance and control functions, including internal audit, reviews our legal, reputational, operational and control risks, and periodically reviews the activities of existing businesses.</p>
Commitments Committee	<p>The Commitments Committee approves:</p> <ul style="list-style-type: none"> • equity and non-investment grade debt underwriting commitments; • loans extended by Goldman Sachs; and • unusual financing structures and transactions that involve significant capital exposure. <p>The Commitments Committee has delegated to the Credit Department the authority to approve underwriting commitments for investment grade debt and certain other products.</p>
Credit Policy Committee	<p>The Credit Policy Committee establishes and reviews broad credit policies and parameters that are implemented by the Credit Department.</p>
Finance Committee	<p>The Finance Committee is responsible for oversight of our capital, liquidity and funding needs and for setting certain inventory position limits.</p>

Segregation of duties and management oversight are fundamental elements of our risk management process. Accordingly, departments that are independent of the revenue producing units, such as the Firmwide Risk, Credit, Controllers, Global Operations, Central Compliance, Management Controls and Legal Departments, in part perform risk management functions, which include monitoring, analyzing and evaluating risk.

Market Risk

The potential for changes in the market value of our trading positions is referred to as “market risk”. Our trading positions result from underwriting, market-making and proprietary trading activities.

The broadly defined categories of market risk include exposures to interest rates, currency rates, equity prices and commodity prices.

- Interest rate risks primarily result from exposures to changes in the level, slope and curvature of the yield curve, the volatility of interest rates, mortgage prepayment speeds and credit spreads.
- Currency rate risks result from exposures to changes in spot prices, forward prices and volatilities of currency rates.
- Equity price risks result from exposures to changes in prices and volatilities of individual equities, equity baskets and equity indices.
- Commodity price risks result from exposures to changes in spot prices, forward prices and volatilities of commodities, such as electricity, natural gas, crude oil, petroleum products and precious and base metals.

We seek to manage these risk exposures through diversifying exposures, controlling position sizes and establishing hedges in related securities or derivatives. For example, we may hedge a portfolio of common stock by taking an offsetting position in a related equity-index futures contract. The ability to manage an exposure may, however, be limited by adverse changes in the liquidity of the security or the related hedge instrument and in the correlation of price movements be-

tween the security and related hedge instrument.

In addition to applying business judgment, senior management uses a number of quantitative tools to manage our exposure to market risk. These tools include:

- risk limits based on a summary measure of market risk exposure referred to as Value-at-Risk or “VaR”;
- risk limits based on a scenario analysis that measures the potential effect of a significant widening of credit spreads on our trading net revenues;
- inventory position limits for selected business units and country exposures; and
- scenario analyses which measure the potential effect on our trading net revenues of abnormal market movements.

We also estimate the broader potential impact of a sustained market downturn on our investment banking and merchant banking activities.

VaR. VaR is the potential loss in value of Goldman Sachs’ trading positions due to adverse movements in markets over a defined time horizon with a specified confidence level.

For the VaR numbers reported below, a one-day time horizon and a 95% confidence level were used. This means that there is a one in 20 chance that daily trading net revenues will fall below the expected daily trading net revenues by an amount at least as large as the reported VaR. Thus, shortfalls from expected trading net revenues on a single trading day greater than the reported VaR would be anticipated to occur, on average, about once a month. Shortfalls on a single day can exceed reported VaR by significant amounts. Shortfalls can also accumulate over a longer time horizon such as a number of consecutive trading days. For a discussion of the limitations of our risk measures, see “Risk Factors — Our Risk Management Policies and Procedures May Leave Us Exposed to Unidentified or Unanticipated Risk”.

The VaR numbers below are shown separately for interest rate, currency, equity and

commodity products, as well as for our overall trading positions.

These VaR numbers include the underlying product positions and related hedges, which may include positions in other product areas. For example, the hedge of a foreign exchange forward may include an interest rate futures position and the hedge of a long corporate bond position may include a short position in the related equity.

VaR Methodology, Assumptions and Limitations. The modeling of the risk characteristics of our trading positions involves a number of assumptions and approximations. While management believes that these assumptions and approximations are reasonable, there is no uniform industry methodology for estimating VaR, and different assumptions and/or approximations could produce materially different VaR estimates.

We use historical data to estimate our VaR and, to better reflect asset volatilities and correlations, these historical data are weighted to give greater importance to more recent observations. Given its reliance on historical data, VaR is most effective in estimating risk exposures in markets in which

there are no sudden fundamental changes or shifts in market conditions. An inherent limitation of VaR is that past changes in market risk factors, even when weighted toward more recent observations, may not produce accurate predictions of future market risk. For example, the asset volatilities to which we were exposed in the second half of 1998 were substantially larger than those reflected in the historical data used during that time period to estimate our VaR. Moreover, VaR calculated for a one-day time horizon does not fully capture the market risk of positions that cannot be liquidated or offset with hedges within one day.

VaR also should be evaluated in light of the methodology's other limitations. For example, when calculating the VaR numbers shown below, we assume that asset returns are normally distributed. Non-linear risk exposures on options and the potentially mitigating impact of intra-day changes in related hedges would likely produce non-normal asset returns. Different distributional assumptions could produce a materially different VaR.

The following table sets forth our daily VaR for substantially all of our trading positions:

Daily VaR
(in millions)

<u>Risk Categories</u>	<u>As of November 1998</u>
Interest rates	\$ 27.3
Currency rates	9.0
Equity prices	25.3
Commodity prices	7.0
Diversification effect (1)	<u>(25.7)</u>
Firmwide	<u>\$ 42.9</u>

(1) Equals the difference between firmwide daily VaR and the sum of the daily VaRs for the four risk categories. This effect arises because the four market risk categories are not perfectly correlated.

The daily VaR for substantially all of our trading positions as of February 1999 was not materially different from our daily VaR as of November 1998.

For a discussion of what our daily VaR would have been as of November 1998 had we used our volatility and correlation data as of May 29, 1998, see "Business — Trading and Principal Investments — Trading Risk Management — Risk Reduction".

Non-Trading Risk

The market risk associated with our non-trading financial instruments, including investments in our merchant banking funds, is measured using a sensitivity analysis that estimates the potential reduction in our net revenues associated with hypothetical market movements. As of February 1999 and November 1998, non-trading market risk was not material.

Recent Enhancements to Risk Management

While VaR continues to be a core tool in our risk management process, management has increased its emphasis on the supplemental measures described below:

- **Credit Spread Limits.** In addition to VaR, the Firmwide Risk Committee now sets market risk limits based on a scenario analysis of widening credit spreads similar to those experienced in the second half of 1998; and
- **Scenario Analyses.** Management is using scenario analyses that reflect more extreme market conditions, such as large increases in market volatility as well as substantial and sustained adverse movements in the volatility and correlation of our relative value positions.

Notwithstanding these measures, we continue to hold trading positions that are sub-

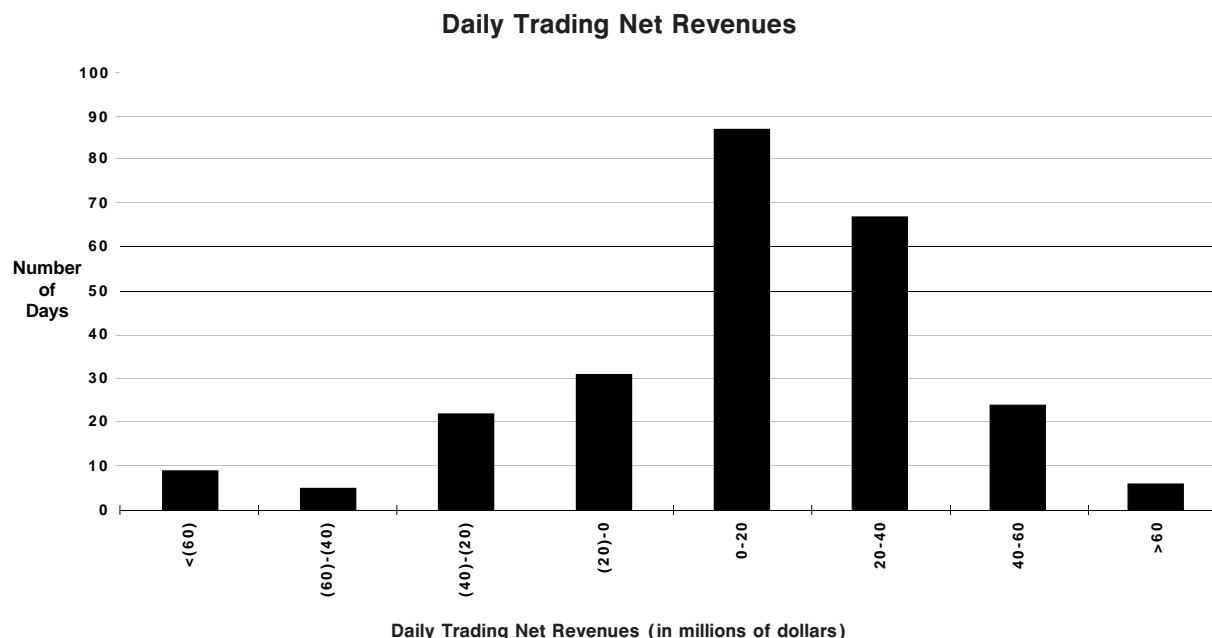
stantial in both number and size, and are subject to significant market risk. In addition, management may choose to increase Goldman Sachs' risk levels in the future. See "Risk Factors — Market Fluctuations Could Adversely Affect Our Businesses in Many Ways" and "— Our Risk Management Policies and Procedures May Leave Us Exposed to Unidentified or Unanticipated Risk" for a discussion of the risks associated with our trading positions.

Valuation of Trading Inventory

Substantially all of our inventory positions are marked-to-market on a daily basis and changes are recorded in net revenues. The individual business units are responsible for pricing the positions they manage. The Controllers Department, in conjunction with the Firmwide Risk Department, regularly performs pricing reviews.

Trading Net Revenues Distribution

The following chart sets forth the frequency distribution for substantially all of our daily trading net revenues for the year ended November 1998:



Credit Risk

Credit risk represents the loss that we would incur if a counterparty or issuer of securities or other instruments we hold fails to perform its contractual obligations to us. To reduce our credit exposures, we seek to enter into netting agreements with counterparties that permit us to offset receivables and payables with such counterparties. We do not take into account any such agreements when calculating credit risk, however, unless management believes a legal right of setoff exists under an enforceable master netting agreement.

For most businesses, counterparty credit limits are established by the Credit Department, which is independent of the revenue-producing departments, based on guidelines set by the Firmwide Risk and Credit Policy Committees. Our global credit management systems monitor current and potential credit exposure to individual counterparties and on an aggregate basis to counterparties and their affiliates. The systems also provide management with information regarding overall credit risk by product, industry sector, country and region.

Risk Limits

Business unit risk limits are established by the risk committees and may be further segmented by the business unit managers to individual trading desks.

Market risk limits are monitored on a daily basis by the Firmwide Risk Department and are reviewed regularly by the appropriate risk committee. Limit violations are reported to the appropriate risk committee and the appropriate business unit managers.

Inventory position limits are monitored by the Controllers Department and position limit violations are reported to the appropriate business unit managers and the Finance Committee. When inventory position limits are used to monitor market risk, they are also monitored by the Firmwide Risk Department and violations are reported to the appropriate risk committee.

Derivative Contracts

Derivative contracts are financial instruments, such as futures, forwards, swaps or option contracts, that derive their value from underlying assets, indices, reference rates or a combination of these factors. Derivative instruments may be entered into by Goldman Sachs in privately negotiated contracts, which are often referred to as over-the-counter derivatives, or they may be listed and traded on an exchange.

Most of our derivative transactions are entered into for trading purposes. We use derivatives in our trading activities to facilitate customer transactions, to take proprietary positions and as a means of risk management. We also enter into non-trading derivative contracts to manage the interest rate and currency exposure on our long-term borrowings.

Derivatives are used in many of our businesses, and we believe that the associated market risk can only be understood relative to the underlying assets or risks being hedged, or as part of a broader trading strategy. Accordingly, the market risk of derivative positions is managed with all of our other non-derivative risk.

Derivative contracts are reported on a net-by-counterparty basis on our consolidated statements of financial condition where management believes a legal right of setoff exists under an enforceable master netting agreement.

For an over-the-counter derivative, our credit exposure is directly with our counterparty and continues until the maturity or termination of such contract.

The following table sets forth the distribution, by credit rating, of substantially all of our exposure with respect to over-the-counter derivatives as of November 1998, after taking into consideration the effect of netting agreements. The categories shown reflect our internally determined public rating agency equivalents.

Over-the-Counter Derivative Credit Exposures
(\$ in millions)

<u>Credit Rating Equivalent</u>	<u>Amount</u>	<u>Percentage</u>
AAA/Aaa	\$ 2,170	12%
AA/Aa2.....	5,571	30
A/A2	4,876	26
BBB/Baa2	3,133	17
BB/Ba2 or lower	1,970	11
Unrated(1)	<u>730</u>	<u>4</u>
	<u>\$18,450</u>	<u>100%</u>

(1) In lieu of making an individual assessment of such counterparties' credit, we make a determination that the collateral held in respect of such obligations is sufficient to cover our exposure. In making this determination, we take into account various factors, including legal uncertainties and market volatility.

As of November 1998, we held approximately \$2.97 billion in collateral against these over-the-counter derivative exposures. This collateral consists predominantly of cash and U.S. government and agency securities and is usually received by us under agreements entitling us to require additional collateral upon specified increases in exposure or the occurrence of negative credit events.

In addition to obtaining collateral and seeking netting agreements, we attempt to mitigate default risk on derivatives by entering into agreements that enable us to terminate or reset the terms of transactions after specified time periods or upon the occurrence of credit-related events, and by seeking third-party guarantees of the obligations of some counterparties.

Derivatives transactions may also involve the legal risk that they are not authorized or appropriate for a counterparty, that documentation has not been properly executed or that executed agreements may not be enforceable against the counterparty. We attempt to minimize these risks by obtaining advice of counsel on the enforceability of agreements as well as on the authority of a counterparty to effect the derivative transaction.

Operational and Year 2000 Risks

Operational Risk. Goldman Sachs may face reputational damage, financial loss or regulatory risk in the event of an operational failure or error. A systems failure or failure to

enter a trade properly into our records may result in an inability to settle transactions in a timely manner or a breach of regulatory requirements. Settlement errors or delays may cause losses due to damages owed to counterparties or movements in prices. These operational and systems risks may arise in connection with our own systems or as a result of the failure of an agent acting on our behalf.

The Global Operations Department is responsible for establishing, maintaining and approving policies and controls with respect to the accurate inputting and processing of transactions, clearance and settlement of transactions, the custody of securities and other instruments and the detection and prevention of employee errors or improper or fraudulent activities. Its personnel work closely with the Information Technology Department in creating systems to enable appropriate supervision and management of its policies. The Global Operations Department is also responsible, together with other areas of Goldman Sachs, including the Legal and Compliance Departments, for ensuring compliance with applicable regulations with respect to the clearance and settlement of transactions and the margining of positions. The Network Management Department oversees our relationships with our clearance and settlement agents, regularly reviews agents' performance and meets with these agents to review operational issues.

Year 2000 Readiness Disclosure. Goldman Sachs has determined that it will be required to modify or replace portions of its information technology systems, both hardware and software, and its non-information technology systems so that they will properly recognize and utilize dates beyond December 31, 1999. We presently believe that with modifications to existing software, conversions to new software and replacement of some hardware, the Year 2000 issue will be satisfactorily resolved in our own systems worldwide. However, if such modifications and conversions are not made or are not completed on a timely basis, the Year 2000 issue would have a material adverse effect on Goldman Sachs. Moreover, even if these changes are successful, failure of third parties to which we are financially or operationally linked to address their own Year 2000 problems would also have a material adverse effect on Goldman Sachs. For a description of the Year 2000 issue and some of the related risks, including possible problems that could arise, see "Risk Factors — Our Computer Systems and Those of Third Parties May Not Achieve Year 2000 Readiness — Year 2000 Readiness Disclosure".

Recognizing the broad scope and complexity of the Year 2000 problem, we have established a Year 2000 Oversight Committee to promote awareness and ensure the active participation of senior management. This Committee, together with numerous subcommittees chaired by senior managers throughout Goldman Sachs and our Global Year 2000 Project Office, is responsible for planning, managing and monitoring our Year 2000 efforts on a global basis. Our Management Controls Department assesses the scope and sufficiency of our Year 2000 program and verifies that the principal aspects of our Year 2000 program are being implemented according to plan.

Our Year 2000 plans are based on a five-phase approach, which includes awareness; inventory, assessment and planning; remediation; testing; and implementation. The awareness phase (in which we defined the scope and components of the problem, our methodology and approach and obtained senior management support and funding) was

completed in September 1997. We also completed the inventory, assessment and planning phase for our systems in September 1997. By the end of March 1999, we completed the remediation, testing and implementation phases for 99% of our mission-critical systems, and we plan to complete these three phases for the remaining 1% by the end of June 1999. In March 1999, we completed the first cycle of our internal integration testing with respect to critical securities and transaction flows. This cycle, which related to U.S. products, was completed successfully with no material problem. The remaining cycle, which will relate primarily to non-U.S. products, is to be completed in June 1999. This testing is intended to validate that our systems can successfully perform critical business functions beginning in January 2000. With respect to our non-mission-critical systems, we expect to complete our Year 2000 efforts during calendar 1999.

For technology products that are supplied by third-party vendors, we have completed an inventory, ranked products according to their importance and developed a strategy for achieving Year 2000 readiness for substantially all non-compliant versions of software and hardware. While this process included collecting information from vendors, we are not relying solely on vendors' verifications that their products are Year 2000 compliant or ready. As of March 31, 1999, we had substantially completed testing and implementation of vendor-supplied technology products that we consider mission-critical. With respect to telecommunications carriers, we are relying on information provided by these vendors as to whether they are Year 2000 compliant because these vendors have indicated that they will not test with individual companies.

We are also addressing Year 2000 issues that may exist outside our own technology activities, including our facilities, external service providers and other third parties with which we interface. We have inventoried and ranked our customers, business and trading partners, utilities, exchanges, depositories, clearing and custodial banks and other third parties with which we have important financial and operational relationships. We are continuing to assess the Year 2000 preparedness of

these customers, business and trading partners and other third parties.

By the end of March 1999, we had participated in approximately 115 “external”, *i.e.*, industry-wide or point-to-point, tests with exchanges, clearing houses and other industry utilities, as well as the “Beta” test sponsored by the Securities Industry Association for its U.S. members in July 1998. We successfully completed all of these tests with no material problems. By the end of June 1999, we expect to have participated in approximately 60 additional external tests, including the Securities Industry Association “Streetwide” test scheduled to be completed in April 1999 and other major industry tests in those global markets where we conduct significant business.

Acknowledging that a Year 2000 failure, whether internal or external, could have an adverse effect on the ability to conduct day-to-day business, we are employing a comprehensive and global approach to contingency planning. Our contingency planning objective is to identify potential system failure points that support processes that are critical to our mission and to develop contingency plans for those failures that may reasonably be expected to occur, with the general goal of ensuring, to the maximum extent practical, that minimum acceptable levels of service can be maintained by us. In the event of system failures, our contingency plans will not guarantee that existing levels of service will be fully maintained, especially if these failures involve external systems or processes over which we have little or no direct control or involve multiple failures across a variety of systems.

We anticipate that contingency plans for our core business units will be substantially completed during June 1999, and by September 30, 1999 for the rest of our businesses. In addition, we are developing contingency plans for funding and balance sheet management and other related activities. We expect our contingency plans to include establishing additional sources of liquidity that could be drawn upon in the event of systems disruption. We are also developing a crisis management group to guide us through the transition

period. We expect to reduce trading activity in the period leading up to January 2000 to minimize the impact of potential Year 2000-related failures. A reduction in trading activity by us or by other market participants in anticipation of possible Year 2000 problems could adversely affect our results of operations, as discussed under “Risk Factors — Our Computer Systems and Those of Third Parties May Not Achieve Year 2000 Readiness — Year 2000 Readiness Disclosure”.

We have incurred and expect to continue to incur expenses allocable to internal staff, as well as costs for outside consultants, to complete the remediation and testing of internally developed systems and the replacement and testing of third-party products and services, including non-technology products and services, in order to achieve Year 2000 compliance. We currently estimate that these costs will total approximately \$150 million, a substantial majority of which has been spent to date. These estimates include the cost of technology personnel but do not include the cost of most non-technology personnel involved in our Year 2000 effort. The remaining cost of our Year 2000 program is expected to be incurred in 1999 and early 2000. The Year 2000 program costs will continue to be funded through operating cash flow. These costs are expensed as incurred. We do not expect that the costs associated with implementing our Year 2000 program will have a material adverse effect on our results of operations, financial condition, liquidity or capital resources.

The costs of the Year 2000 program and the date on which we plan to complete the Year 2000 modifications are based on current estimates, which reflect numerous assumptions about future events, including the continued availability of resources, the timing and effectiveness of third-party remediation plans and other factors. We can give no assurance that these estimates will be achieved, and actual results could differ materially from our plans. Specific factors that might cause material differences include, but are not limited to, the availability and cost of personnel trained in this area, the ability to locate and correct relevant computer source codes and embedded chip technology, the results of internal

and external testing and the timeliness and effectiveness of remediation efforts of third parties.

In order to focus attention on the Year 2000 problem, management has deferred several technology projects that address other issues. However, we do not believe that this deferral will have a material adverse effect on our results of operations or financial condition.

Accounting Developments

In June 1996, the Financial Accounting Standards Board issued Statement of Financial Accounting Standards No. 125, "Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities", effective for transactions occurring after December 31, 1996. Statement of Financial Accounting Standards No. 125 establishes standards for distinguishing transfers of financial assets that are accounted for as sales from transfers that are accounted for as secured borrowings.

The provisions of Statement of Financial Accounting Standards No. 125 relating to repurchase agreements, securities lending transactions and other similar transactions were deferred by the provisions of Statement of Financial Accounting Standards No. 127, "Deferral of the Effective Date of Certain Provisions of FASB Statement No. 125", and became effective for transactions entered into after December 31, 1997. This Statement requires that the collateral obtained in certain types of secured lending transactions be recorded on the balance sheet with a corresponding liability reflecting the obligation to return such collateral to its owner. Effective January 1, 1998, we adopted the provisions of Statement of Financial Accounting Standards No. 125 that were deferred by Statement of Financial Accounting Standards No. 127. The adoption of this standard increased our total assets and liabilities by \$8.99 billion and \$11.64 billion as of February 1999 and November 1998, respectively.

In February 1997, the Financial Accounting Standards Board issued Statement of Financial Accounting Standards No. 128,

"Earnings Per Share", effective for periods ending after December 15, 1997, with restatement required for all prior periods. Statement of Financial Accounting Standards No. 128 establishes new standards for computing and presenting earnings per share. This Statement replaces primary and fully diluted earnings per share with "basic earnings per share", which excludes dilution, and "diluted earnings per share", which includes the effect of all potentially dilutive common shares and other dilutive securities. Because we have not historically reported earnings per share, this Statement will have no impact on our historical financial statements. This Statement will, however, apply to our financial statements that are prepared after the offerings. See "Pro Forma Consolidated Financial Information" for a calculation of pro forma earnings per share.

In June 1997, the Financial Accounting Standards Board issued Statement of Financial Accounting Standards No. 131, "Disclosures about Segments of an Enterprise and Related Information", effective for fiscal years beginning after December 15, 1997, with reclassification of earlier periods required for comparative purposes. Statement of Financial Accounting Standards No. 131 establishes the criteria for determining an operating segment and establishes the disclosure requirements for reporting information about operating segments. We intend to adopt this standard at the end of fiscal 1999. This Statement is limited to issues of reporting and presentation and, therefore, will not affect our results of operations or financial condition.

In February 1998, the Financial Accounting Standards Board issued Statement of Financial Accounting Standards No. 132, "Employers' Disclosures about Pensions and Other Postretirement Benefits", effective for fiscal years beginning after December 15, 1997, with restatement of disclosures for earlier periods required for comparative purposes. Statement of Financial Accounting Standards No. 132 revises certain employers' disclosures about pension and other post-retirement benefit plans. We intend to adopt this standard at the end of fiscal 1999. This Statement is limited to issues of reporting and

presentation and, therefore, will not affect our results of operations or financial condition.

In March 1998, the Accounting Standards Executive Committee of the American Institute of Certified Public Accountants issued Statement of Position No. 98-1, "Accounting for the Costs of Computer Software Developed or Obtained for Internal Use", effective for fiscal years beginning after December 15, 1998. Statement of Position No. 98-1 requires that certain costs of computer software developed or obtained for internal use be capitalized and amortized over the useful life of the related software. We currently expense the cost of all software development in the period in which it is incurred. We intend to adopt this Statement in fiscal 2000 and are currently assessing its effect.

In June 1998, the Financial Accounting Standards Board issued Statement of Finan-

cial Accounting Standards No. 133, "Accounting for Derivative Instruments and Hedging Activities", effective for fiscal years beginning after June 15, 1999. Statement of Financial Accounting Standards No. 133 establishes accounting and reporting standards for derivative instruments, including certain derivative instruments embedded in other contracts (collectively referred to as derivatives), and for hedging activities. This Statement requires that an entity recognize all derivatives as either assets or liabilities in the statement of financial condition and measure those instruments at fair value. The accounting for changes in the fair value of a derivative instrument depends on its intended use and the resulting designation. We intend to adopt this standard in fiscal 2000 and are currently assessing its effect.

INDUSTRY AND ECONOMIC OUTLOOK

As a global provider of financial services, Goldman Sachs is affected by overall macroeconomic and market conditions in various regions around the world. For a number of years, we have operated in a generally favorable macroeconomic environment characterized by low inflation, low and declining interest rates and strong equity markets. In particular, the U.S. economy, the largest in the world and an important influence on overall world economic activity, has been undergoing one of the longest periods of post-war economic expansion. As of March 1999, the current U.S. expansion had lasted 96 months compared to a post-war average period of expansion of 46 months.

Recognizing that the favorable macroeconomic and market environments will be subject to periodic reversals, which may significantly and adversely affect our businesses, we believe that significant growth and profit opportunities exist for financial intermediaries in the United States and abroad. These opportunities derive from several long-term trends, including the following:

- **Deregulation.** Financial market deregulation, including the elimination of bank deposit interest rate ceilings and the expansion of commercial banks and other financial institutions into securities underwriting activities, has resulted in the creation of new and broader sources of credit, which have reduced the variability and the cyclicity in the supply of credit. This, in turn, has in the past reduced volatility in economic activity, leading to longer economic expansions with increased investment spending, resulting in higher levels of capital raising;
- **Globalization.** Heightened global competition has created a need for cross-border capabilities and economies of scale, resulting in increased joint venture and mergers and acquisitions activity;
- **Focus on Shareholder Value.** Increasing focus on shareholder value has fueled an increase in restructuring and strategic initia-

tives, yielding additional financial advisory and capital-raising opportunities;

- **Consolidation.** Moderate growth, limited pricing flexibility and the need for economies of scale have substantially increased consolidation opportunities in certain industries, and record levels of profit have provided companies with the resources to pursue strategic combinations, creating substantial demand for mergers and acquisitions advisory services and subsequent capital raising;
- **Demographics.** Changing demographics in the United States and other developed economies have increased the pool of savings available for private investment and the need for increased funding of pension plans due to the aging of the population, creating substantial demand for investment products and services; and
- **Financial Product Innovation.** Technology and financial expertise have led to the development of new financial products better tailored to the risk/reward requirements of investors, increasing trading flows and proprietary investment opportunities.

We believe that over the last 15 years these trends, coupled with generally declining interest rates and favorable market conditions, have contributed to a substantially higher rate of growth in activity in the financial services industry than the growth in overall economic activity. The future economic environment may not be as favorable as that experienced in the last 15 years and, in particular, the period of declining interest rates in the United States may not continue. There may also be periods of adverse economic and market conditions. Nonetheless, we believe that these trends should continue to affect the financial services industry positively over the long term. However, see “Risk Factors — Market Fluctuations Could Adversely Affect Our Businesses in Many Ways” for a discussion of the effect that adverse economic conditions and market fluctuations can have on our businesses.

The following table sets forth selected key industry indicators:

Key Industry Indicators
(\$ in billions, except gross domestic product)
(volume in millions of shares)

	<u>As of or for Year Ended December 31,</u>				<u>CAGR (8)</u> <u>'83-'98</u>
	<u>1983</u>	<u>1988</u>	<u>1993</u>	<u>1998</u>	
General Economic Activity:					
(in trillions)					
Worldwide gross domestic product(1) . . .	\$ 10	\$ 18	\$ 24	\$ 29(9)	8%(9)
U.S. gross domestic product(2)	4	5	7	9	6
Advisory Activities/Financing:					
Worldwide mergers and acquisitions(3)	96	527	460	2,522	24
Worldwide equity issued(3)	50	51	172	269	12
Worldwide debt issued(3)	146	631	1,546	2,932	22
World Equity Markets:					
Worldwide equity market capitalization(4)	3,384	9,728	14,016	27,459	15
U.S. market capitalization(4)	1,898	2,794	5,136	13,451	14
FT/S&P Actuaries World Indices™ — The World Index(5)	NA	129	178	359	11
Dow Jones Industrial Average	1,259	2,169	3,754	9,181	14
S&P 500	165	278	466	1,229	14
NYSE average daily volume	85	162	265	674	15
Invested Funds:					
Worldwide pension assets(6)	\$1,900	\$3,752	\$ 6,560	\$10,975	12
Number of U.S. mutual funds(7)	1,026	2,715	4,558	7,343	14
U.S. mutual fund assets(7)	\$ 293	\$ 810	\$ 2,075	\$ 5,530	22

(1) Source: The Economist Intelligence Unit, January 1999.

(2) Source: U.S. Department of Commerce, Bureau of Economic Analysis.

(3) Source: Securities Data Company.

(4) Source: International Finance Corporation.

(5) Index is calculated on a local currency basis based on total returns. CAGR is based on 1988-1998 data. The FT/S&P Actuaries World Indices are owned by FTSE International Limited, Goldman, Sachs & Co. and Standard & Poor's Ratings Services. The Indices are compiled by FTSE International and Standard & Poor's Ratings Services in conjunction with the Faculty of Actuaries and the Institute of Actuaries.

(6) Source: InterSec Research Corp.

(7) Source: Investment Company Institute.

(8) Compound annual growth rate.

(9) Data as of December 31, 1997; CAGR 1983-1997.

We believe scale, global resources and leading market positions are important competitive advantages for financial intermediaries in this environment. In addition, we believe that circumstances in certain regions should provide opportunities for financial intermediaries.

Europe

The European Economic and Monetary Union commenced on January 1, 1999 and created a monetary union in Europe with a single currency. As a result, we believe that over time a pan-European capital market will develop that is likely to rival that of the United States in size and liquidity. We believe that financial intermediaries generally are expected to benefit from a number of anticipated developments, including:

- pan-European consolidation and financial restructuring yielding an increase in mergers and acquisitions activity;
- an increase in third-party assets under management and a major shift towards investments in equity securities due to an expected move to private pension fund systems, changing demographics and the elimination of intra-European Economic and Monetary Union currency risk;
- a reallocation of equity portfolios to reflect pan-European indices;
- the establishment of a European high-yield market to fund the growth of emerging high-growth industries and to satisfy investors' demands for higher yield; and
- increased equity issuance and higher equity trading volumes.

Asia

Since 1997, the currency weakness and disruptions, the deterioration in certain of the region's banking systems, the weakness in the property sector in many of the region's countries, as well as slowing consumer income growth, have led to a significant and continuing weakening of these economies and their stock markets. These developments have adversely affected the economic and market conditions in the region and at times have affected economic and market conditions elsewhere. We believe, however, that financial intermediaries could have significant opportunities in this region if stability improves and the economies, which represent approximately 60% of the world's population, resume their growth. In the near term, these potential opportunities could include:

- an increase in mergers and acquisitions and other financial advisory services in connection with corporate restructurings;
- an increase in trading opportunities as financial intermediaries meet the liquidity needs of their clients; and
- an increase in capital raising as Asian corporations and governments access the international capital markets rather than the regional banking system to refinance and to fund future growth.

In the longer term, these potential opportunities could include:

- the emergence of corporate and real estate principal investment opportunities as a result of corporate and government restructurings; and
- an increase in third-party assets under management and a major shift towards investments in equity securities due to an anticipated move to private pension fund systems, changing demographics and the relaxation of foreign exchange restrictions.

BUSINESS

Overview

Goldman Sachs is a leading global investment banking and securities firm with three principal business lines:

- Investment Banking;
- Trading and Principal Investments; and
- Asset Management and Securities Services.

Our goal is to be the advisor of choice for our clients and a leading participant in global financial markets. We provide services worldwide to a substantial and diversified client base, which includes corporations, financial institutions, governments and high net worth individuals.

Because we believe that the needs of our clients are global and that international markets have high growth potential, we have built upon our strength in the United States to achieve leading positions in other parts of the world. Today, we have a strong global presence as evidenced by the geographic breadth of our transactions, leadership in our core products and the size of our international operations. As of February 1999, we operated offices in 23 countries and 36% of our 13,000 employees were based outside the United States.

We are committed to a distinctive culture and set of core values. These values are reflected in our Business Principles, which emphasize placing our clients' interests first, integrity, commitment to excellence and innovation, and teamwork.

Goldman Sachs is managed by its principal owners. Simultaneously with the offerings, we will grant restricted stock units, stock options or interests in a defined contribution plan to substantially all of our employees. Following the offerings, our employees, including former partners, will own approximately 65% of Goldman Sachs. None of our employees are selling shares in the offerings.

Goldman Sachs is the successor to a commercial paper business founded in 1869 by Marcus Goldman. Since then, we have grown our business as a participant and intermediary in securities and other financial activities to become one of the leading firms in the industry.

In 1989, The Goldman Sachs Group, L.P. was formed to serve as the parent company of the Goldman Sachs organization. As of November 30, 1996, The Goldman Sachs Group, L.P. was restructured. On that date, the non-retiring former general partners of The Goldman Sachs Group, L.P. converted their general partner interests into limited partner interests and became profit participating limited partners of The Goldman Sachs Group, L.P. Concurrently, The Goldman Sachs Corporation was admitted as The Goldman Sachs Group, L.P.'s sole general partner. The common stock of The Goldman Sachs Corporation is owned by our managing directors who are profit participating limited partners, all of whom are active in our businesses.

The Goldman Sachs Group, Inc. was formed to succeed to the business of The Goldman Sachs Group, L.P. Simultaneously with the offerings, we will complete a number of transactions in order to convert from partnership to corporate form. See "Certain Relationships and Related Transactions — Incorporation and Related Transactions" for additional information concerning these transactions.

Market Share Data

Except as otherwise indicated, all amounts with respect to the volume, number and market share of mergers and acquisitions and underwriting transactions and related ranking information have been derived from information compiled and classified by Securities Data Company. Securities Data Company obtains and gathers its information from sources it considers reliable, but Securities Data Company does not guarantee the accuracy or completeness of the information. In the case of mergers and acquisitions, data are based upon the dollar value of announced transactions for the period indicated, taken as a whole, with full credit to each of the advisors to each party in a transaction. In the case of underwritings, data are based upon the dollar value of total proceeds raised (exclusive of any option to purchase additional shares) with equal credit to each bookrunner for the period indicated, taken as

a whole. As a result of this method of compiling data, percentages may add to more than 100%.

Strategy and Principal Business Lines

Our strategy is to grow our three core businesses — Investment Banking, Trading and Principal Investments, and Asset Management and Securities Services — in markets throughout the world. Our leadership position in investment banking provides us with access to governments, financial institutions and corporate clients globally. Trading and principal investing has been an important part of our culture and earnings, and we

remain committed to these businesses irrespective of their volatility. Managing wealth is one of the fastest growing segments of the financial services industry and we are positioning our asset management and securities services businesses to take advantage of that growth. Our assets under supervision, for example, have grown from \$92.7 billion as of November 1994 to \$369.7 billion as of February 1999, representing a compound annual growth rate of 38%.

Our business lines are comprised of various product and service offerings that are set forth in the following chart:

Primary Products and Activities by Business Line

<u>Investment Banking</u>	<u>Trading and Principal Investments</u>	<u>Asset Management and Securities Services</u>
<ul style="list-style-type: none"> — Equity and debt underwriting — Financial restructuring advisory services — Mergers and acquisitions advisory services — Real estate advisory services 	<ul style="list-style-type: none"> — Bank loans — Commodities — Currencies — Equity and fixed income derivatives — Equity and fixed income securities — Principal investments — Proprietary arbitrage 	<ul style="list-style-type: none"> — Commissions — Institutional and high net worth asset management — Margin lending — Matched book — Merchant banking fees — Increased shares of merchant banking fund income and gains — Mutual funds — Prime brokerage — Securities lending

Investment Banking

Investment Banking represented 39% of 1998 net revenues and 35% of 1997 net revenues. We are a market leader in both the financial advisory and underwriting businesses, serving over 3,000 clients worldwide. For the period January 1, 1994 to December 31, 1998, we had the industry-leading market share of 25.3% in worldwide mergers and acquisitions advisory services, having advised on over \$1.7 trillion of transactions. Over the same period, we also achieved number one market shares of 15.2% in underwriting worldwide initial public offerings and 14.4% in underwriting worldwide common stock issues.

Trading and Principal Investments

Trading and Principal Investments represented 28% of 1998 net revenues and 39% of 1997 net revenues. We make markets in

equity and fixed income products, currencies and commodities; enter into swaps and other derivative transactions; engage in proprietary trading and arbitrage; and make principal investments. In trading, we focus on building lasting relationships with our most active clients while maintaining leadership positions in our key markets. We believe our research, market-making and proprietary activities enhance our understanding of markets and ability to serve our clients.

Asset Management and Securities Services

Asset Management and Securities Services represented 33% of 1998 net revenues and 26% of 1997 net revenues. We provide global investment management and advisory services; earn commissions on agency transactions; manage merchant banking funds; and provide prime brokerage, securities lending and financing services. Our asset management business has grown rapidly, with assets

under supervision increasing from \$92.7 billion as of November 25, 1994 to \$369.7 billion as of February 26, 1999, representing a compound annual growth rate of 38%. As of February 26, 1999, we had \$206.4 billion of assets under management. We manage merchant banking funds that had \$15.5 billion of capital commitments as of the end of 1998.

We pursue our strategy to grow our three core businesses through an emphasis on:

Expanding High Value-Added Businesses

To achieve strong growth and high returns, we seek to build leadership positions in high value-added services for our clients. For example, we have substantially increased the number of professionals in investment banking to improve and expand our ability to execute mergers and acquisitions, initial public offerings and high-yield financings. In trading, we structure and execute large and complex transactions for institutional investors, pension funds and corporate clients around the world. In asset management, we emphasize equity and alternative investment products and use our established international presence to build a global asset management franchise.

Increasing the Stability of Our Earnings

We seek to balance the stability of our earnings with return on equity and long-term earnings growth. We believe our trading businesses are key ingredients to our success. While we plan to continue to grow our trading businesses, the financial market shocks of the past year underscored the importance of our strategy of emphasizing growth in our investment banking, asset management and securities services businesses. Through a greater relative emphasis on these businesses, our goal is to gradually increase the stability of our earnings.

Pursuing International Opportunities

We believe that our global reach will allow us to take advantage of growth in international markets. In Europe, for example, we anticipate that the recent establishment of the European Economic and Monetary Union will, over time, create a large pan-European

market rivaling the U.S. capital markets in size and liquidity. We believe this will generate increased activity across our businesses in the region. In Asia, we believe that an increase in corporate restructurings and in the need for liquidity will increase our mergers and acquisitions and trading opportunities. In the longer term, we anticipate additional opportunities in asset management activities due to a shift we anticipate toward the privatization of pension systems and in demographics.

Leveraging the Franchise

We believe our various businesses are generally stronger and more successful because they are part of the Goldman Sachs franchise. Our culture of teamwork fosters cooperation among our businesses, which allows us to provide our clients with a full range of products and services on a coordinated basis. Our investment bankers, for example, refer clients who are selling their businesses to those in Goldman Sachs who manage wealth. In addition, our merchant banking investments in companies lead to future clients for investment banking.

Competitive Strengths

Strong Client Relationships

We focus on building long-term client relationships. In 1998, over 75% of our Investment Banking revenues represented business from existing clients. We also aggressively pursue new client relationships as evidenced by the over 400 investment banking transactions we completed for first-time clients in 1998. In our trading businesses, we structure and execute transactions across a wide array of markets and countries to meet our clients' needs. In our asset management business, we managed assets for three of the five largest pension pools in the United States as ranked as of September 30, 1998 by *Pensions & Investments* and maintain accounts for 41% of the 1998 "Forbes 400 List of the Richest Americans".

Distinctive People and Culture

Our most important asset is our people. We seek to reinforce our employees' commitment to our culture and values through

recruiting, training, a comprehensive 360-degree review system and a compensation philosophy that rewards teamwork. We were ranked number seven in *Fortune* magazine's "The 100 Best Companies to Work for in America" in January 1999 and were ranked number three in *Fortune* magazine's 1999 "The Top 50 MBA Dream Companies", the highest-ranked investment banking and securities firm in each case.

Global Reach

Over the past decade, we have made a significant commitment to building a worldwide business. We have achieved leading

positions in major international markets by capitalizing on our product knowledge and global research, as well as by building a local presence where appropriate. In doing so, we have become one of the few truly global investment banking and securities firms with the ability to execute large and complex cross-border transactions. We had the number one market share of 23.2% in cross-border mergers and acquisitions for the period January 1, 1994 to December 31, 1998. In addition, in Japan, we were the largest non-Japanese mutual fund manager as of the end of February 1999, according to The Investment Trusts Association.

Summary Financial Data
(in millions)

	Year Ended November			Three Months Ended February	
	1996	1997	1998	1998	1999
Net revenues:					
Investment Banking	\$2,113	\$2,587	\$3,368	\$ 633	\$ 902
Trading and Principal Investments	2,693	2,926	2,379	1,182	1,357
Asset Management and Securities Services	<u>1,323</u>	<u>1,934</u>	<u>2,773</u>	<u>657</u>	<u>736</u>
Total net revenues	<u>\$6,129</u>	<u>\$7,447</u>	<u>\$8,520</u>	<u>\$2,472</u>	<u>\$2,995</u>

Investment Banking

Goldman Sachs provides a broad range of investment banking services to a diverse group of over 3,000 clients worldwide, including corporations, financial institutions, governments and individuals. Our investment banking activities are divided into two categories:

- **Financial Advisory.** Financial advisory includes advisory assignments with respect

to mergers and acquisitions, divestitures, corporate defense activities, restructurings and spin-offs; and

- **Underwriting.** Underwriting includes public offerings and private placements of equity and debt securities.

The following table sets forth the net revenues of our Investment Banking business:

Investment Banking Net Revenues
(in millions)

	Year Ended November			Three Months Ended February	
	1996	1997	1998	1998	1999
Financial advisory	\$ 931	\$1,184	\$1,774	\$363	\$522
Underwriting	<u>1,182</u>	<u>1,403</u>	<u>1,594</u>	<u>270</u>	<u>380</u>
Total Investment Banking	<u>\$2,113</u>	<u>\$2,587</u>	<u>\$3,368</u>	<u>\$633</u>	<u>\$902</u>

In Investment Banking, we provide our clients with quality advice and execution as part of our effort to develop and maintain long-term relationships as their lead investment bank.

Organization

We have continuously adapted our organizational structure to meet changing market dynamics and our clients' needs. Our current structure, which is organized along regional, execution and industry groups, seeks to combine client-focused investment bankers with execution and industry expertise. Because our businesses are global, we have adapted our organization to meet the demands of our clients in each geographic region. Through our commitment to teamwork, we believe that we provide services in an integrated fashion for the benefit of our clients.

We believe an important competitive advantage in our marketing effort is Investment Banking Services, a core group of professionals who focus on developing and maintaining strong client relationships. These bankers, who are organized regionally and/or by industry group, work with senior executives of our clients to identify areas where Goldman Sachs can provide capital-raising, financial advisory or other products and services. The broad base of experience and knowledge of our Investment Banking Services professionals enables them to analyze our clients' objectives efficiently and to bring to bear the

appropriate resources of Goldman Sachs to satisfy those objectives.

Our Corporate Finance, Debt and Equity Capital Markets, Leveraged Finance and Mergers and Acquisitions groups bring product expertise and innovation to clients in a variety of industries. These groups are responsible for the execution of specific client transactions as well as the building of strong client relationships.

In an effort to serve our clients' needs in targeted industries, we have established several industry focus groups. These include: Chemicals; Communications, Media and Entertainment; Energy and Power; Financial Institutions; Healthcare; High Technology; Hotels and Gaming; Real Estate; Retailing; and Transportation. Drawing on specialized knowledge of industry-specific trends, these groups provide the full range of investment banking products and services to our clients.

Reflecting our commitment to innovation, Investment Banking has established a New Products group whose professionals focus on creating new financial products. These professionals have particular expertise in integrating finance with accounting, tax and securities laws and work closely with other investment banking teams to provide innovative solutions to difficult client problems. Our structuring expertise has proven to be particularly valuable in addressing client needs in areas such as complex cross-border mergers

and acquisitions and convertible and other hybrid equity financings.

Financial Advisory

Financial advisory includes a broad range of advisory assignments with respect to mergers and acquisitions, divestitures, corporate defense activities, restructurings and spin-offs. Goldman Sachs is a leading investment bank in worldwide mergers and acquisitions. During calendar 1998, we advised on 340 mergers and acquisitions transactions with a combined value of \$957 billion.

Our mergers and acquisitions capabilities are evidenced by our significant share of assignments in large, complex transactions

where we provide multiple services, including “one-stop” acquisition financing, currency hedging and cross-border structuring expertise. Goldman Sachs advised on seven of the ten largest mergers and acquisitions transactions through December 31, 1998. We have also been successful in Europe, including in intra-country transactions, and we are a leading mergers and acquisitions advisor in France, Germany and Spain.

The following table illustrates our leadership in the mergers and acquisitions advisory market for the indicated period taken as a whole:

Goldman Sachs’ Mergers and Acquisitions Market Data
For the period January 1, 1994 through December 31, 1998
(\$ in billions)

<u>Category</u>	<u>Rank (1)</u>	<u>Market Share</u>	<u>Volume</u>	<u>Number of Transactions</u>
Worldwide	1	25.3%	\$1,715	1,334
Worldwide, transactions over \$500 million	1	34.8	1,593	470
Worldwide, transactions over \$1 billion	1	38.4	1,470	297
United States	1	32.8	1,316	907
United States, transactions over \$500 million	1	41.3	1,228	339
United States, transactions over \$1 billion	1	44.3	1,142	221

(1) Rank in any one year during the period presented may vary from the rank for the period taken as a whole.

Mergers and acquisitions is an example of how one activity can generate cross-selling opportunities for other areas of Goldman Sachs. For example, a client we are advising in a purchase transaction may seek our assistance in obtaining financing and in hedging interest rate or foreign currency risks associated with the acquisition. In the case of dispositions, owners and senior executives of the acquired company often will seek asset management services. In these cases, our high net worth relationship managers provide comprehensive advice on investment alternatives and execute the client’s desired strategy.

Underwriting

From January 1, 1994 through March 31, 1999, Goldman Sachs has served as lead manager in transactions that have raised more than \$1 trillion of capital for clients worldwide. We underwrite a wide range of securities and other instruments, including common and preferred stock, convertible securities, investment grade debt, high-yield debt, sovereign and emerging markets debt, municipal debt, bank loans, asset-backed securities and real estate-related securities, such as mortgage-backed securities and the securities of real estate investment trusts.

Equity Underwriting. Equity underwriting has been a long-term core strength of Goldman Sachs. The following table illustrates

our leadership position in equity underwriting for the indicated period taken as a whole:

Goldman Sachs' Equity Underwriting Market Data
For the period January 1, 1994 through December 31, 1998
(\$ in billions)

<u>Category</u>	<u>Rank (1)</u>	<u>Market Share</u>	<u>Total Proceeds Raised</u>	<u>Number of Issues (2)</u>
Worldwide initial public offerings.....	1	15.2%	\$ 44	300
Worldwide initial public offerings, proceeds over \$500 million.....	1	23.3	25	59
Worldwide public common stock offerings.....	1	14.4	101	634
U.S. initial public offerings.....	1	15.3	31	179
U.S. initial public offerings, proceeds over \$500 million.....	1	30.1	16	29
U.S. public common stock offerings.....	2	14.3	71	381

(1) Rank in any one year during the period presented may vary from the rank for the period taken as a whole.

(2) The number of issues reflects the number of tranches; an offering by a single issuer could have multiple tranches.

As with mergers and acquisitions, we have been particularly successful in winning mandates for large, complex equity underwritings. As evidenced in the chart above, our market share of initial public offerings with total proceeds over \$500 million is substantially higher than our market share of all initial public offerings. We believe our leadership in large initial public offerings reflects our expertise in complex transactions, research strengths, track record and distribution capabilities. In the international arena, we have also acted as lead manager on many of the largest initial public offerings. We were named the Asian Equity House of the Year by *International Financing Review* in 1998.

We believe that a key factor in our equity underwriting success is the close working relationship between the investment bankers, research analysts and sales force as coordinated by our Equity Capital Markets group. Goldman Sachs' equities sales force is one of the most experienced and effective sales organizations in the industry. With 350 institutional sales professionals and 420 high net worth relationship managers located in every major market around the world, Goldman Sachs has relationships with a large and diverse group of investors.

Global Investment Research is critical to our ability to succeed in the equity underwriting business. We believe that high quality equity research is a significant competitive advantage in the market for new equity issues. In this regard, Goldman Sachs' research has been consistently ranked among the industry's global leaders. See "— Global Investment Research" for detailed information regarding our Global Investment Research Department.

Debt Underwriting. We engage in the underwriting and origination of various types of debt instruments that we broadly categorize as follows: investment grade debt for corporations, governments, municipalities and agencies; leveraged finance, which includes high-yield debt and bank loans for non-investment grade issuers; emerging market debt, which includes corporate and sovereign issues; and asset-backed securities. We have employed a focused approach in debt underwriting, emphasizing high value-added areas in servicing our clients.

We believe that the leveraged finance market is a key growth opportunity for our debt underwriting business. Over the last three years, we have more than doubled the number of debt underwriting professionals dedicated to this area.

The table below sets forth our rank, market position, our total proceeds raised and the number of debt transactions in which we

have acted as underwriter in the following areas for the indicated period taken as a whole:

Goldman Sachs' Debt Underwriting Market Data
For the period January 1, 1994 through December 31, 1998
(\$ in billions)

<u>Category (1)</u>	<u>Rank (5)</u>	<u>Market Share</u>	<u>Total Proceeds Raised</u>	<u>Number of Issues (6)</u>
Worldwide debt(2)	3	8.4%	\$695	4,684
Worldwide straight debt(3)	3	8.9	559	4,165
U.S. investment grade straight debt(3)	3	12.0	419	3,590
U.S. investment grade industrial straight debt(3)	1	19.5	81	517
U.S. high-yield debt(4)	5	8.0	33	184

- (1) All categories include publicly registered and Rule 144A issues.
- (2) Includes non-convertible preferred stock, mortgage-backed securities, asset-backed securities and taxable municipal debt.
- (3) "Straight debt" excludes non-convertible preferred stock, mortgage-backed securities, asset-backed securities and municipal debt.
- (4) Excludes issues with both investment grade and non-investment grade ratings, often referred to as "split-rated issues".
- (5) Rank in any one year during the period presented may vary from the rank for the period taken as a whole.
- (6) The number of issues reflects the number of tranches; an offering by a single issuer could have multiple tranches.

Trading and Principal Investments

Our Trading and Principal Investments business facilitates customer transactions and takes proprietary positions through market-making in and trading of fixed income and equity products, currencies, commodities, and swaps and other derivatives. In order to meet the needs of our clients, our Trading and Principal Investments business is diversified across a wide range of products. For example, we make markets in traditional investment grade debt securities, structure complex derivatives and securitize mortgages and insurance risk. A fundamental tenet of our approach is that we believe our willingness and ability to take risk distinguishes us and substantially enhances our client relationships. Our Trading and Principal Investments business includes the following:

- **Fixed Income, Currency and Commodities.** Goldman Sachs makes markets in and trades fixed income products, currencies and commodities, structures and enters into a wide variety of derivative transactions and engages in proprietary trading and arbitrage activities;
- **Equities.** Goldman Sachs makes markets in and trades equities and equity-related products, structures and enters into equity derivative transactions and engages in proprietary trading and equity arbitrage; and
- **Principal Investments.** Principal investments primarily represents Goldman Sachs' net revenues from its investments in its merchant banking funds.

The following table sets forth the net revenues of our Trading and Principal Investments business:

Trading and Principal Investments Net Revenues
(in millions)

	Year Ended November			Three Months Ended February	
	1996	1997	1998	1998	1999
FICC	\$1,749	\$2,055	\$1,438	\$ 741	\$ 876
Equities	730	573	795	365	455
Principal investments	214	298	146	76	26
Total Trading and Principal Investments	<u>\$2,693</u>	<u>\$2,926</u>	<u>\$2,379</u>	<u>\$1,182</u>	<u>\$1,357</u>

Fixed Income, Currency and Commodities

FICC is a large and diversified operation through which we engage in a variety of customer-driven market-making and proprietary trading and arbitrage activities. FICC's principal products are:

- Bank loans
- Commodities
- Currencies
- Derivatives
- Emerging market debt
- Global government securities
- High-yield securities
- Investment grade corporate securities
- Money market instruments
- Mortgage securities and loans
- Municipal securities

We generate trading net revenues from our customer-driven business in three ways. First, in large, highly liquid markets we undertake a high volume of transactions for modest spreads. Second, by capitalizing on our strong market relationships and capital position, we also undertake transactions in less liquid markets where spreads are generally larger. Finally, we generate net revenues from structuring and executing transactions that address complex client needs.

In our proprietary activities, we assume a variety of risks and devote substantial resources to identify, analyze and benefit from these exposures. We leverage our strong research capabilities and capitalize on our proprietary analytical models to analyze information and make informed trading judgments.

We seek to benefit from perceived disparities in the value of assets in the trading markets and from macroeconomic and company-specific trends.

FICC has established itself as a leading market participant by using a three-part approach to deliver high quality service to its clients. First, we offer broad market-making, research and market knowledge to our clients on a global basis. Second, we create innovative solutions to complex client problems by drawing upon our structuring and trading expertise. Third, we use our expertise to take positions in markets when we believe the return is at least commensurate with the risk.

A core activity in FICC is market-making in a broad array of securities and products. For example, we are a primary dealer in many of the largest government bond markets around the world, including the United States, Japan, the United Kingdom and Canada; we are a member of the major futures exchanges; and we have interbank dealer status in the currency markets in New York, London, Tokyo and Hong Kong. Our willingness to make markets in a broad range of fixed income, currency and commodity products and their derivatives is crucial both to our client relationships and to support our underwriting business by providing secondary market liquidity. Our clients value counterparties that are active in the marketplace and are willing to provide liquidity and research-based points of view. In addition, we believe that our significant investment in research capabilities

and proprietary analytical models are critical to our ability to provide advice to our clients. Our research capabilities include quantitative and qualitative analyses of global economic, currency and financial market trends, as well as credit analyses of corporate and sovereign fixed income securities.

Our clients often confront complex problems that require creative approaches. We assist our clients who seek to hedge or reallocate their risks and profit from expected price movements. To do this we bring to bear the ability of our experienced professionals to understand the needs of our clients and our ability to manage the risks associated with complex solutions to problems. In recognition of our ability to meet these client needs, we were ranked by *Institutional Investor* in February 1999 as the number two derivatives dealer for the second straight year. In addition, we were named by *Euroweek* in January 1999 as the “Best provider of swaps and other derivatives”.

Equities

Goldman Sachs engages in a variety of market-making, proprietary trading and arbitrage activities in equity securities and equity-related products (such as convertible securities and equity derivative instruments) on a global basis. Goldman Sachs makes markets and positions blocks of stock to facilitate customers’ transactions and to provide liquidity in the marketplace. Goldman Sachs is a member of most of the major stock exchanges, including New York, London, Frankfurt, Tokyo and Hong Kong.

As agent, we execute brokerage transactions in equity securities for institutional and individual customers that generate commission revenues. Commissions earned on agency transactions are recorded in Asset Management and Securities Services.

In equity trading, as in FICC, we generate net revenues from our customer-driven business in three ways. First, in large, highly liquid principal markets, such as the over-the-counter market for equity securities, we undertake a high volume of transactions for modest spreads. In the Nasdaq National Market, we were the second largest market

maker, by aggregate volume, among the top 100 most actively traded stocks in calendar 1998. Second, by capitalizing on our strong market relationships and capital position, we also undertake large transactions, such as block trades and positions in securities, in which we benefit from spreads that are generally larger. Finally, we also benefit from structuring complex transactions.

Goldman Sachs was a pioneer and is a leader in the execution of large block trades (trades of 50,000 or more shares) in the United States and abroad. In calendar 1998, we executed over 50 block trades of at least \$100 million each. We have been able to capitalize on our expertise in block trading, our global distribution network and our willingness to commit capital to effect increasingly large and complex customer transactions. We expect corporate consolidation and restructuring and increased demand for certainty and speed of execution by sellers and issuers of securities to increase both the frequency and size of sales of large blocks of equity securities. We believe that we are well positioned to benefit from this trend. Block transactions, however, expose us to increased risks, including those arising from holding large and concentrated positions and decreasing spreads. See “Risk Factors — Market Fluctuations Could Adversely Affect Our Businesses in Many Ways — Holding Large and Concentrated Positions May Expose Us to Large Losses” for a discussion of the risks associated with holding a large position in a single issuer and “Risk Factors — The Financial Services Industry Is Intensely Competitive and Rapidly Consolidating” for a discussion of the competitive risks that we face.

We are active in the listed options and futures markets, and we structure, distribute and execute over-the-counter derivatives on market indices, industry groups and individual company stocks to facilitate customer transactions and our proprietary activities. We develop quantitative strategies and render advice with respect to portfolio hedging and restructuring and asset allocation transactions. We also create specially tailored instruments to enable sophisticated investors to undertake hedging strategies and establish or

liquidate investment positions. We are one of the leading participants in the trading and development of equity derivative instruments. We are an active participant in the trading of futures and options on most of the major exchanges in the United States, Europe and Asia.

Equity arbitrage has long been an important part of our equity franchise. Our strategy is based on making investments on a global basis through a diversified portfolio across different markets and event categories. This business focuses on event-oriented special situations where we are not acting as an advisor and on relative value trades. These special situations include mergers and acquisitions, corporate restructurings, recapitalizations and legal and regulatory events. Equity arbitrage leverages our global infrastructure and network of research analysts to analyze carefully a broad range of trading and investment strategies across a wide variety of markets. Investment decisions are the product of rigorous fundamental, situational and, frequently, regulatory and legal analysis. Although market conditions led us to decrease the number and size of positions maintained by our equity arbitrage business during 1998, we believe that over time, as opportunities present themselves, our equity arbitrage business will likely increase its activity.

Trading Risk Management

We believe that our trading and market-making capabilities are key ingredients to our success. While these businesses have generally earned attractive returns, we have in the past incurred significant trading losses in periods of market turbulence, such as in 1994 and 1998. Our trading risk management process seeks to balance our ability to profit from trading positions with our exposure to potential losses. Risk management includes input from all levels of Goldman Sachs, from the trading desks to the Firmwide Risk Committee. See "Management's Discussion and Analysis of Financial Condition and Results of Operations — Risk Management" for a further discussion of our risk management policies and procedures.

1998 Experience. From mid-August to mid-October 1998, the Russian economic crisis, the turmoil in Asian and Latin American emerging markets and the resulting move to higher quality fixed income securities by many investors led to substantial declines in global financial markets. Investors broadly sold credit-sensitive products, such as corporate and high-yield debt, and bought higher-rated instruments, such as U.S. Treasury securities, which caused credit spreads to widen dramatically. This market turmoil also caused a widespread decline in global equity markets.

As a major dealer in fixed income securities, we maintain substantial inventories of corporate and high-yield debt. We regularly seek to hedge the interest rate risk on these positions through, among other strategies, short positions in U.S. Treasury securities. In the second half of 1998, we suffered losses from both the decline in the prices of corporate and high-yield debt instruments that we owned and the increase in the prices of the U.S. Treasury securities in which we had short positions.

These market shocks also led to trading losses in our fixed income relative value trading positions. Relative value trading positions are intended to profit from a perceived temporary dislocation in the relationship between the values of different financial instruments. From mid-August to mid-October 1998, the components of these relative value positions moved in directions that we did not anticipate and the volatilities of certain positions increased to three times prior levels. When we and other market participants with similar positions simultaneously sought to reduce positions and exposures, this caused a substantial reduction in market liquidity and a continuing decline in prices.

In the second half of 1998, we also experienced losses in equity arbitrage and in the value of a number of merchant banking investments.

Risk Reduction. Over the course of this period, we actively reduced our positions and exposure to severe market disruptions of the type described above. Our current scenario models estimate our exposure to a substantial widening in credit spreads and adverse

movements in relative value trades of the type experienced in mid-August to mid-October 1998. These models indicate that, as of November 1998, our exposure to a potential reduction in net trading revenues as a result of these events was over 40% lower than in August 1998. In addition, the daily VaR of substantially all of our trading positions declined from \$47 million as of May 29, 1998 to \$43 million as of November 1998. The November 1998 daily VaR reflects the reduction in positions discussed above, offset by the higher market volatility, changes in correlation and other market conditions experienced in the second half of 1998. If the daily VaR as of November 1998 had been determined using the volatility and correlation data as of May 29, 1998, the daily VaR would have been \$31 million. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Risk Management” for a discussion of VaR and its limitations.

As part of the continuous effort to refine our risk management policies and procedures, we have recently made a number of adjustments to the way that we evaluate risk and set risk limits. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Risk Management — Market Risk” for a further discussion of our policies and procedures for evaluating market risk and setting related limits.

Notwithstanding these actions, we continue to hold trading positions that are substantial in both number and size, and are subject to significant market risk. In addition, management may choose to increase our risk levels in the future. See “Risk Factors — Market Fluctuations Could Adversely Affect Our Businesses in Many Ways” and “— Our Risk Management Policies and Procedures May Leave Us Exposed to Unidentified or Unanticipated Risk” for a discussion of the risks associated with our trading positions.

Principal Investments

In connection with our merchant banking activities, we invest with our clients by making principal investments in funds that we raise and manage. As of November 1998, we had committed \$2.8 billion, of which \$1.7 billion had been funded, of the \$15.5 billion total equity capital committed for our merchant banking funds. The funds’ investments generate capital appreciation or depreciation and, upon disposition, realized gains or losses. See “— Asset Management and Securities Services — Merchant Banking” for a discussion of our merchant banking funds. As of November 1998, our aggregate carrying value of principal investments held directly or through our merchant banking funds was approximately \$1.4 billion, which was comprised of corporate principal investments with an aggregate carrying value of approximately \$609 million and real estate investments with an aggregate carrying value of approximately \$753 million.

Asset Management and Securities Services

Asset Management and Securities Services is comprised of the following:

- **Asset Management.** Asset management generates management fees by providing investment advisory services to a diverse and rapidly growing client base of institutions and individuals;
- **Securities Services.** Securities services includes prime brokerage, financing services and securities lending and our matched book businesses, all of which generate revenue primarily in the form of fees or interest rate spreads; and
- **Commissions.** Commission-based businesses include agency transactions for clients on major stock and futures exchanges. Revenues from the increased share of income and gains derived from our merchant banking funds are also included in commissions.

The following table sets forth the net revenues of our Asset Management and Securities Services business:

Asset Management and Securities Services Net Revenues
(in millions)

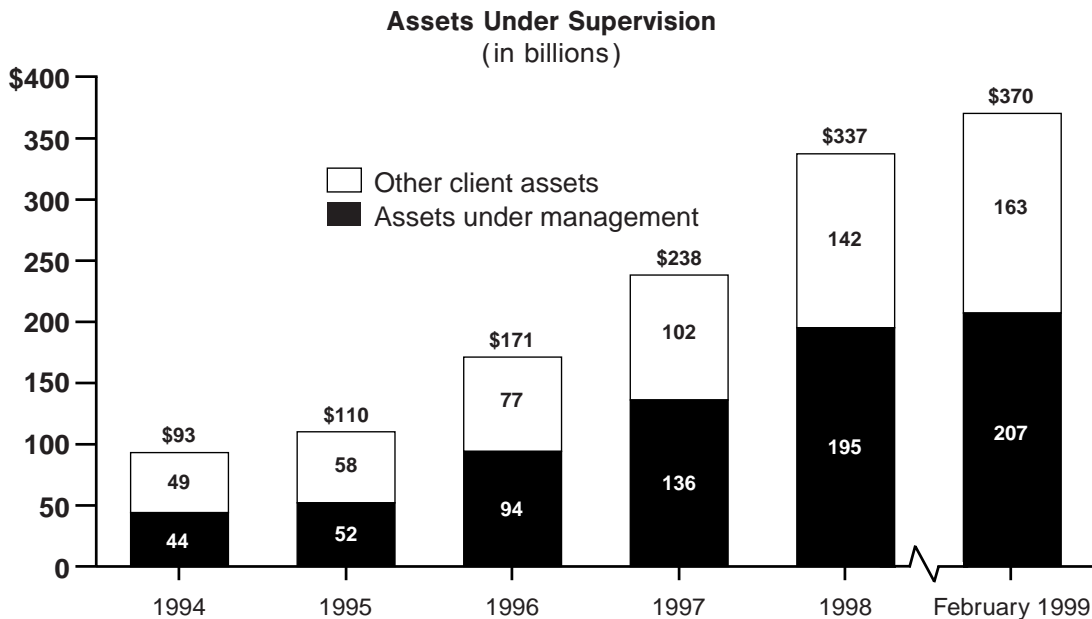
	Year Ended November			Three Months Ended February	
	1996	1997	1998	1998	1999
Asset management	\$ 242	\$ 458	\$ 675	\$139	\$202
Securities services	354	487	730	170	207
Commissions	<u>727</u>	<u>989</u>	<u>1,368</u>	<u>348</u>	<u>327</u>
Total Asset Management and Securities Services.....	<u>\$1,323</u>	<u>\$1,934</u>	<u>\$2,773</u>	<u>\$657</u>	<u>\$736</u>

Asset Management

Goldman Sachs is seeking to build a premier global asset management business. We offer a broad array of investment strategies and advice across all major asset classes: global equity; fixed income, including money markets; currency; and alternative investment products (*i.e.*, investment vehicles with non-traditional investment objectives and/or strategies). Assets under supervision are comprised of assets under management and other client assets. Assets under man-

agement typically generate fees based on a percentage of their value and include our mutual funds, separate accounts managed for institutional and individual investors, our merchant banking funds and other alternative investment funds. Other client assets are comprised of assets in brokerage accounts of primarily high net worth individuals, on which we earn commissions.

Over the last five years, we have rapidly grown our assets under supervision, as set forth in the graph below:



As of February 1999, equities and alternative investments represented 51% of our total assets under management. Since 1996, these two asset classes have been the primary drivers of our growth in assets under management.

The following table sets forth the amount of assets under management by asset class:

Assets Under Management by Asset Class
(in billions)

Asset Class	As of November					As of February
	1994	1995	1996	1997	1998	1999
Equity.....	\$ 6	\$ 9	\$34	\$ 52	\$ 69	\$ 73
Fixed income and currency	17	19	26	36	50	53
Money markets.....	18	20	27	31	46	48
Alternative investment(1) ...	<u>3</u>	<u>4</u>	<u>8</u>	<u>17</u>	<u>30</u>	<u>32</u>
Total.....	<u>\$44</u>	<u>\$52</u>	<u>\$95</u>	<u>\$136</u>	<u>\$195</u>	<u>\$206</u>

(1) Includes private equity, real estate, quantitative asset allocation and other funds that we manage.

Since the beginning of 1996, we have increased the resources devoted to our asset management business, including adding over 850 employees. In addition, over the past three years, Goldman Sachs has made three asset management acquisitions in order to expand its geographic reach and broaden its global equity and alternative investment portfolio management capabilities.

Our global reach has been important in growing assets under management. From November 1996 to February 1999, our assets under management, excluding our merchant banking funds, sourced from outside the United States grew by over \$35 billion. As of February 1999, we managed approximately \$46 billion sourced from Europe.

In Japan, deregulation, high individual savings rates and low local rates of return have been important drivers of growth for our asset management business during the

1990s. Over the last three years, we have built a significant asset management business in Japan, and, as of February 1999, we managed \$23 billion of assets sourced from Japan. In Japan, as of the end of February 1999, we were the largest non-Japanese investment trust manager, according to The Investment Trusts Association, and we managed four of the top 15 open-ended mutual funds ranked by mutual fund assets, according to IFIS Inc. We believe that substantial opportunities exist to grow our asset management business in Japan, by increasing our institutional client base and expanding the third-party distribution network through which we offer our mutual funds.

Clients. Our primary clients are institutions, high net worth individuals and retail investors. We access clients through both direct and third-party channels.

The table below sets forth the amount of assets under supervision by distribution channel and client category as of November 1998:

Assets Under Supervision by Distribution Channel		
(in billions)		
	<u>Assets Under Supervision (1)</u>	<u>Primary Investment Vehicles</u>
• Directly distributed		
— Institutional	\$ 121	Separate managed accounts Commingled vehicles
— High net worth individuals . .	156	Brokerage accounts Limited partnerships Separate managed accounts
• Third-party distributed		
— Institutional and retail	<u>48</u>	Mutual funds
Total	<u>\$ 325</u>	

(1) Excludes \$12 billion in our merchant banking funds.

Our institutional clients include corporations, insurance companies, pension funds, foundations and endowments. We managed assets for three of the five largest pension pools in the United States as ranked as of September 30, 1998 by *Pensions & Investments*, and we have 18 clients for whom we manage at least \$1 billion each.

In the individual high net worth area, we have established approximately 10,000 high net worth accounts worldwide, including accounts with 41% of the 1998 "Forbes 400 List of the Richest Americans". We believe this is a high growth opportunity because this market (defined as the market for individual investors with a net worth in excess of \$5 million) is highly fragmented and growing rapidly and accounts for approximately \$10 trillion of investable assets according to a study by McKinsey & Co. At the center of our effort is a team of over 420 relationship managers, located in 12 U.S. and six international offices. These professionals have an average of over seven years of experience at Goldman Sachs and have exhibited low turnover and superior productivity relative to the industry average.

In the third-party distribution channel, we distribute our mutual funds on a worldwide

basis through banks, brokerage firms, insurance companies and other financial intermediaries. As of December 31, 1998, we were the third largest manager in the U.S. institutional money market sector according to information compiled by Strategic Insight. In Japan, we also utilize a third-party distribution network consisting principally of the largest Japanese brokerage firms.

Merchant Banking

Goldman Sachs has an established successful record in the corporate and real estate merchant banking business, having raised \$15.5 billion of committed capital for 15 private investment funds, as of November 1998, of which \$9.0 billion had been funded. We have committed \$2.8 billion and funded \$1.7 billion of these amounts; our clients, including pension plans, endowments, charitable institutions and high net worth individuals, have provided the remainder. Some of these investment funds pursue, on a global basis, long-term investments in equity and debt securities in privately negotiated transactions, leveraged buyouts and acquisitions. As of November 1998, these funds had total committed capital of \$7.7 billion, which includes two funds with \$1.0 billion of committed

capital that are in the process of being wound down. Other funds, with total committed capital of \$7.8 billion as of November 1998, invest in real estate operating companies and debt and equity interests in real estate assets.

Our strategy with respect to each merchant banking fund is to invest opportunistically to build a portfolio of investments that is diversified by industry, product type, geographic region and transaction structure and type. Our merchant banking funds leverage our long-standing relationships with companies, investors, entrepreneurs and financial intermediaries around the world to source potential investment opportunities. In addition, our merchant banking funds and their portfolio companies have generated business for other areas of Goldman Sachs, including equity underwriting, leveraged and other financing fees and merger advisory fees.

Located in eight offices around the world, our investment professionals identify, manage and sell investments on behalf of our merchant banking funds. Goldman Sachs has two subsidiaries that manage real estate assets, The Archon Group, L.P. and Archon Group (France) S.C.A. In addition, our merchant banking professionals work closely with other departments and benefit from the expertise of specialists in debt and equity research, investment banking, leveraged and mortgage finance and equity capital markets.

Merchant banking activities generate three revenue streams. First, we receive a management fee that is generally a percentage of a fund's committed capital, invested capital, total gross acquisition cost or asset value. These annual management fees, which are included in our asset management revenues, have historically been a recurring source of revenue. Second, we receive from each fund, after that fund has achieved a minimum return for fund investors, an increased share of the fund's income and gains that is a percentage, typically 20%, of the capital appreciation and gains from the fund's investments. Revenues from the increased share of the funds' income and gains are included in commissions. Third, Goldman Sachs, as a substantial investor in these funds, is allocated its proportionate share of

the funds' unrealized appreciation or depreciation arising from changes in fair value as well as gains and losses upon realization. These items are included in Trading and Principal Investments.

Securities Services

Securities services consists predominantly of Global Securities Services, which provides prime brokerage, financing services and securities lending to a diversified U.S. and international customer base, including hedge funds, pension funds and high net worth individuals. Securities services also includes our matched book businesses.

We offer prime brokerage services to our clients, allowing them the flexibility to trade with most brokers while maintaining a single source for financing and portfolio reports. Our prime brokerage activities provide multi-product clearing and custody in 50 markets, consolidated multi-currency accounting and reporting and offshore fund administration and servicing for our most active clients. Additionally, we provide financing to our clients through margin loans collateralized by securities held in the client's account. In recent years, we have significantly increased our prime brokerage client base.

Securities lending activities principally involve the borrowing and lending of equity securities to cover customer and Goldman Sachs' short sales and to finance Goldman Sachs' long positions. In addition, we are an active participant in the securities lending broker-to-broker business and the third-party agency lending business. Trading desks in New York, Boston, London, Tokyo and Hong Kong provide 24-hour coverage in equity markets worldwide. We believe the rapidly developing international stock lending market presents a significant growth opportunity for us.

Lenders of securities include pension plan sponsors, mutual funds, insurance companies, investment advisors, endowments, bank trust departments and individuals. We have entered into exclusive relationships with certain lenders that have given us access to large pools of securities, some of which are often hard to locate in the general lender

market, providing us with a competitive advantage. We believe that a significant cause of the growth in short sales, which require the borrowing of securities, has been the rapid increase in complex trading strategies, such as index arbitrage, convertible bond and warrant arbitrage, option strategies, and sector and market neutral strategies where shares are sold short to hedge exposure from derivative instruments.

Commissions

Goldman Sachs generates commissions by executing agency transactions on major stock and futures exchanges worldwide. We effect agency transactions for clients located throughout the world. In recent years, aggregate commissions have increased as a result of growth in transaction volume on the major exchanges. As discussed above, commissions also include the increased share of income and gains from merchant banking funds as well as commissions earned from brokerage transactions for high net worth individuals. For a discussion regarding our increased share of the income and gains from our merchant banking funds, see “— Merchant Banking” above, and for a discussion regarding high net worth individuals, see “— Asset Management — Clients” above.

In anticipation of continued growth in electronic connectivity and online trading, Goldman Sachs has made strategic investments in alternative trading systems to gain experience and participate in the development of this market. See “Risk Factors — The Financial Services Industry Is Intensely Competitive and Rapidly Consolidating — Our Revenues May Decline Due to Competition from Alternative Trading Systems” for a discussion of the competitive risks posed by alternative trading systems generally.

Global Investment Research

Our Global Investment Research Department provides fundamental research on economies, debt and equity markets, commodities markets, industries and companies on a worldwide basis. For over two decades, we have committed the resources on a global

scale to develop an industry-leading position for our investment research products. We believe that investment research is a significant factor in our strong competitive position in debt and equity underwritings and in our generation of commission revenues.

Major investors worldwide recognize Goldman Sachs for its value-added research products, which are highly rated in client polls across the Americas, Europe and Asia. Our Research Department is the only one to rank in the top three in each of the last 15 calendar years in *Institutional Investor's* “All-America Research Team” survey. In December 1998, the Research Department also achieved top honors for global investment research from *Institutional Investor*. In Europe, based on the *Institutional Investor* “1999 All-Europe Research Team” survey, the Research Department ranked number one for coverage of pan-European sectors and number three in European Strategy and Economics.

Global Investment Research employs a team approach that provides equity research coverage of approximately 2,300 companies worldwide, 53 economies and 26 stock markets. This is accomplished through four groups:

- the Economic Research group, which formulates macroeconomic forecasts for economic activity, foreign exchange, and interest rates based on the globally coordinated views of its regional economists;
- the Portfolio Strategy group, which forecasts equity market returns and provides recommendations on both asset allocation and industry representation;
- the Company/Industry group, which provides fundamental analysis, forecasts and investment recommendations for companies and industries worldwide. Equity research analysts are organized regionally by sector and globally into more than 20 industry teams, which allows for extensive collaboration and knowledge sharing on important investment themes; and
- the Commodities Research group, which provides research on the global commodity markets.

Internet Strategy

We believe that Internet technology and electronic commerce will, over time, change the ways that securities are traded and distributed, creating both opportunities and challenges for our businesses. In response, we have a program of internal development and external investment.

Internally, we are extending our global electronic trading and information distribution capabilities to our clients via the Internet. These capabilities cover many of our fixed income, equities and mutual fund products in markets around the world. We are also using the Internet to improve the ease and quality of communication with our institutional and high net worth clients. For example, investors have on-line access to our investment research, mutual fund data and valuation models and our high net worth clients are increasingly accessing their portfolio information over the Internet. We have also recently established GS-OnlineSM, which, in conjunction with Goldman, Sachs & Co., will act as an underwriter of securities offerings via the Internet and other electronic means. GS-OnlineSM will deal initially only with other underwriters and syndicate members and not with members of the public.

Externally, we have invested in electronic commerce concerns such as Bridge Information Systems, Inc., TradeWeb LLC, Archipelago, L.L.C., The BRASS Utility, L.L.C., OptiMark Technologies, Inc. and, most recently, Wit Capital Group, Inc. Through these investments, we gain an increased understanding of business developments and opportunities in this emerging sector. For a discussion of how Goldman Sachs could be adversely affected by these developments, see "Risk Factors — The Financial Services Industry Is Intensely Competitive and Rapidly Consolidating — Our Revenues May Decline Due to Competition from Alternative Trading Systems".

Information Technology

Technology is fundamental to our overall business strategy. Goldman Sachs is committed to the ongoing development, maintenance

and use of technology throughout the organization, with expenditures, including employee costs, of approximately \$970 million in 1998 and a budget of \$1.2 billion in 1999. We have developed significant software and systems over the past several years. Our technology initiatives can be broadly categorized into three efforts:

- enhancing client service through increased connectivity and the provision of high value-added, tailored services;
- risk management; and
- overall efficiency and control.

We have tailored our services to our clients by providing them with electronic access to our products and services. For example, we developed the *GS Financial WorkbenchSM*, an Internet web site that clients and employees can use to download research reports, access earnings and valuation models, submit trades, monitor accounts, build and view presentations, calculate derivative prices and view market data. First made available in early 1995, the *GS Financial WorkbenchSM* represents a joint effort among all of our business areas to create one comprehensive site for clients and employees to access our products and services.

We have also developed software that enables us to monitor and analyze our market and credit risks. This risk management software not only analyzes market risk on firmwide, divisional and trading desk levels, but also breaks down our risk into its underlying exposures, permitting management to evaluate exposures on the basis of specific interest rate, currency rate, equity price or commodity price changes. To assist further in the management of our credit exposures, data from many sources are aggregated daily into credit management systems that give senior management and professionals in the Credit and Controllers Departments the ability to receive timely information with respect to credit exposures worldwide, including netting information, and the ability to analyze complex risk situations effectively. Our software accesses these data, allows for quick analysis at the level of individual trades and interacts with other Goldman Sachs systems.

Technology has been a significant factor in improving the overall efficiency of many areas of Goldman Sachs. By automating many trading procedures, we have substantially increased our efficiency and accuracy.

We currently have projects under way to ensure that our technology is Year 2000 compliant. See “Risk Factors — Our Computer Systems and Those of Third Parties May Not Achieve Year 2000 Readiness — Year 2000 Readiness Disclosure” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Risk Management — Operational and Year 2000 Risks — Year 2000 Readiness Disclosure” for a further discussion of the risks we face in achieving Year 2000 readiness and our progress to date.

Employees

Management believes that one of the strengths and principal reasons for the success of Goldman Sachs is the quality and dedication of its people and the shared sense of being part of a team. Goldman Sachs was ranked number seven in *Fortune* magazine’s “The 100 Best Companies to Work for in America” in January 1999 and was ranked number three in *Fortune* magazine’s 1999 “The Top 50 MBA Dream Companies”, the highest ranking investment banking and securities firm in each case. We strive to maintain a work environment that fosters professionalism, excellence, diversity and cooperation among our employees worldwide.

Instilling the Goldman Sachs culture in all employees is a continuous process, of which training is an essential part. We recently opened a 34,000 square foot training center in New York City, near our world headquarters. All employees are offered the opportunity to participate in education and periodic seminars that we sponsor at various locations throughout the world. We also sponsor off-site meetings for the various business units that are designed to promote collaboration among co-workers.

Another important part of instilling the Goldman Sachs culture in all employees is our employee review process. Employees are reviewed by supervisors, co-workers and em-

ployees they supervise in a 360-degree review process that is integral to our team approach. In 1998, over 140,000 reviews were completed, evidencing the comprehensive nature of this process.

We also believe that good citizenship is an important part of being a member of the Goldman Sachs team. To that end, we established our Community TeamWorks initiative in 1997. As part of Community TeamWorks, all employees are offered the opportunity to spend a day working at a charitable organization of their choice while continuing to receive their full salary for that day. In 1998, approximately two-thirds of our employees participated in Community TeamWorks. The commitment of our partners to the community is also demonstrated by their having given over \$90 million in each of the last two years to charities, including private foundations.

As of February 1999, we had approximately 13,000 employees. In addition, The Archon Group, L.P. and Archon Group (France) S.C.A., subsidiaries of Goldman Sachs that provide real estate services for our real estate investment funds, had a total of approximately 1,260 employees as of February 1999. Goldman Sachs is reimbursed for substantially all of the costs of these employees by these funds.

See “Management — The Employee Initial Public Offering Awards” for a discussion of the steps taken by Goldman Sachs to encourage the continued service of its employees after the offerings and see “Risk Factors — Our Conversion to Corporate Form May Adversely Affect Our Ability to Recruit, Retain and Motivate Key Employees” for a discussion of the factors that may have an adverse impact on the effectiveness of these efforts.

Competition

The financial services industry — and all of our businesses — are intensely competitive, and we expect them to remain so. Our competitors are other brokers and dealers, investment banking firms, insurance companies, investment advisors, mutual funds, hedge funds, commercial banks and merchant banks. We compete with some of our com-

petitors globally and with some others on a regional, product or niche basis. We compete on the basis of a number of factors, including transaction execution, our products and services, innovation, reputation and price.

Competition is also intense for the attraction and retention of qualified employees. Our ability to continue to compete effectively in our businesses will depend upon our ability to attract new employees and retain and motivate our existing employees. See “— Employees” for a discussion of our efforts in this regard.

In recent years there has been substantial consolidation and convergence among companies in the financial services industry. In particular, a number of large commercial banks, insurance companies and other broad-based financial services firms have established or acquired broker-dealers or have merged with other financial institutions. Many of these firms have the ability to offer a wide range of products, from loans, deposit-taking and insurance to brokerage, asset management and investment banking services, which may enhance their competitive position. They also have the ability to support investment banking and securities products with commercial banking, insurance and other financial services revenues in an effort to gain market share, which could result in pricing pressure in our businesses.

This trend toward consolidation and convergence has significantly increased the capital base and geographic reach of our competitors. This trend has also hastened the globalization of the securities and other financial services markets. As a result, we have had to commit capital to support our international operations and to execute large global transactions.

We believe that some of our most significant challenges and opportunities will arise outside the United States. See “Industry and Economic Outlook” for a discussion of these challenges and opportunities. In order to take advantage of these opportunities, we will have to compete successfully with financial institutions based in important non-U.S. markets, particularly in Europe. Some of these institutions are larger, better capitalized and

have a stronger local presence and a longer operating history in these markets.

We have experienced intense price competition in some of our businesses in recent years. For example, equity and debt underwriting discounts have been under pressure for a number of years and the ability to execute trades electronically, through the Internet and other alternative trading systems may increase the pressure on trading commissions. It appears that this trend toward alternative trading systems will continue and perhaps accelerate. Similarly, underwriting spreads in Latin American and other privatizations have been subject to considerable pressure in the last year. We believe that we may experience pricing pressures in these and other areas in the future as some of our competitors seek to obtain market share by reducing prices.

See “Risk Factors — The Financial Services Industry Is Intensely Competitive and Rapidly Consolidating” for a discussion of the competitive risks we face in our businesses.

Regulation

Goldman Sachs’ business is, and the securities and commodity futures and options industries generally are, subject to extensive regulation in the United States and elsewhere. As a matter of public policy, regulatory bodies in the United States and the rest of the world are charged with safeguarding the integrity of the securities and other financial markets and with protecting the interests of customers participating in those markets, not with protecting the interests of Goldman Sachs’ shareholders or creditors. In the United States, the SEC is the federal agency responsible for the administration of the federal securities laws. Goldman, Sachs & Co. is registered as a broker-dealer and as an investment adviser with the SEC and as a broker-dealer in all 50 states and the District of Columbia. Self-regulatory organizations, such as the NYSE, adopt rules and examine broker-dealers, such as Goldman, Sachs & Co. In addition, state securities and other regulators also have regulatory or oversight authority over Goldman, Sachs & Co. Similarly, our businesses are also subject to

regulation by various non-U.S. governmental and regulatory bodies and self-regulatory authorities in virtually all countries where we have offices.

Broker-dealers are subject to regulations that cover all aspects of the securities business, including sales methods, trade practices among broker-dealers, use and safekeeping of customers' funds and securities, capital structure, record-keeping, the financing of customers' purchases and the conduct of directors, officers and employees. Additional legislation, changes in rules promulgated by self-regulatory organizations or changes in the interpretation or enforcement of existing laws and rules, either in the United States or elsewhere, may directly affect the mode of operation and profitability of Goldman Sachs.

The U.S. and non-U.S. government agencies and self-regulatory organizations, as well as state securities commissions in the United States, are empowered to conduct administrative proceedings that can result in censure, fine, the issuance of cease-and-desist orders or the suspension or expulsion of a broker-dealer or its directors, officers or employees. Occasionally, our subsidiaries have been subject to investigations and proceedings, and sanctions have been imposed for infractions of various regulations relating to our activities, none of which has had a material adverse effect on us or our businesses.

The commodity futures and options industry in the United States is subject to regulation under the Commodity Exchange Act, as amended. The Commodity Futures Trading Commission is the federal agency charged with the administration of the Commodity Exchange Act and the regulations thereunder. Goldman, Sachs & Co. is registered with the Commodity Futures Trading Commission as a futures commission merchant, commodity pool operator and commodity trading advisor.

As a registered broker-dealer and member of various self-regulatory organizations, Goldman, Sachs & Co. is subject to the SEC's uniform net capital rule, Rule 15c3-1. This rule specifies the minimum level of net capital a broker-dealer must maintain and also requires that at least a minimum part of its assets be

kept in relatively liquid form. Goldman, Sachs & Co. is also subject to the net capital requirements of the Commodity Futures Trading Commission and various securities and commodity exchanges. See Note 8 to the audited consolidated financial statements and Note 5 to the unaudited condensed consolidated financial statements for a discussion of our net capital.

The SEC and various self-regulatory organizations impose rules that require notification when net capital falls below certain predefined criteria, dictate the ratio of subordinated debt to equity in the regulatory capital composition of a broker-dealer and constrain the ability of a broker-dealer to expand its business under certain circumstances. Additionally, the SEC's uniform net capital rule imposes certain requirements that may have the effect of prohibiting a broker-dealer from distributing or withdrawing capital and requiring prior notice to the SEC for certain withdrawals of capital.

In January 1999, the SEC adopted revisions to its uniform net capital rule and related regulations that permit the registration of over-the-counter derivatives dealers as broker-dealers. An over-the-counter derivatives dealer can, upon adoption of a risk management framework in accordance with the new rules, utilize a capital requirement based upon proprietary models for estimating market risk exposures. We have established Goldman Sachs Financial Markets, L.P. and are in the process of registering this company with the SEC as an over-the-counter derivatives dealer to conduct in a more capital efficient manner certain over-the-counter derivative businesses now conducted in other affiliates.

Goldman Sachs is an active participant in the international fixed income and equity markets. Many of our affiliates that participate in those markets are subject to comprehensive regulations that include some form of capital adequacy rule and other customer protection rules. For example, Goldman Sachs provides investment services in and from the United Kingdom under a regulatory regime that is undergoing comprehensive restructuring aimed at implementing the Finan-

cial Services Authority as the United Kingdom's unified regulator. The relevant Goldman Sachs entities in London are at present regulated by the Securities and Futures Authority Limited in respect of their investment banking, individual asset management, brokerage and principal trading activities, and the Investment Management Regulatory Organization in respect of their institutional asset management and fund management activities. Some of these Goldman Sachs entities are also regulated by the London Stock Exchange and other United Kingdom securities and commodities exchanges of which they are members. It is expected, however, that commencing in 2000 the responsibilities of the Securities and Futures Authority Limited and Investment Management Regulatory Organization will be taken over by the Financial Services Authority. The investment services that are subject to oversight by United Kingdom regulators are regulated in accordance with European Union directives requiring, among other things, compliance with certain capital adequacy standards, customer protection requirements and conduct of business rules. These standards, requirements and rules are similarly implemented, under the same directives, throughout the European Union and are broadly comparable in scope and purpose to the regulatory capital and customer protection requirements imposed under the SEC and Commodity Futures Trading Commission rules. European Union directives also permit local regulation in each jurisdiction, including those in which we operate, to be more restrictive than the requirements of such directives and these local requirements can result in certain competitive disadvantages to Goldman Sachs. In addition, the Japanese Ministry of Finance and the Financial Supervisory Agency in Japan as well as German, French and Swiss banking authorities, among others, regulate various of our subsidiaries and also have capital standards and other requirements comparable to the rules of the SEC.

Compliance with net capital requirements of these and other regulators could limit those operations of our subsidiaries that require the intensive use of capital, such as underwriting

and trading activities and the financing of customer account balances, and also could restrict our ability to withdraw capital from our regulated subsidiaries, which in turn could limit our ability to repay debt or pay dividends on our common stock.

Legal Matters

We are involved in a number of judicial, regulatory and arbitration proceedings (including those described below) concerning matters arising in connection with the conduct of our businesses. We believe, based on currently available information, that the results of such proceedings, in the aggregate, will not have a material adverse effect on our financial condition, but might be material to our operating results for any particular period, depending, in part, upon the operating results for such period.

MobileMedia Securities Litigation

Goldman, Sachs & Co. has been named as a defendant in a purported class action lawsuit commenced on December 6, 1996 and pending in the U.S. District Court for the District of New Jersey. This lawsuit was brought on behalf of purchasers of common stock of MobileMedia Corporation in an underwritten offering in 1995 and purchasers of senior subordinated notes of MobileMedia Communications Inc. in a concurrent underwritten offering. Defendants are MobileMedia Corporation, certain of its officers and directors, and the lead underwriters, including Goldman, Sachs & Co. MobileMedia Corporation is currently reorganizing in bankruptcy.

Goldman, Sachs & Co. underwrote 2,242,500 shares of common stock, for a total price of approximately \$53 million, and Goldman Sachs International underwrote 718,750 shares, for a total price of approximately \$17 million. Goldman, Sachs & Co. underwrote approximately \$38 million in principal amount of the senior subordinated notes.

The consolidated class action complaint alleges violations of the disclosure requirements of the federal securities laws and seeks compensatory and/or rescissory damages. In light of MobileMedia Corporation's

bankruptcy, the action against it has been stayed. Defendants' motion to dismiss was denied in October 1998.

Antitrust Matters Relating to Underwritings

Goldman, Sachs & Co. is one of numerous financial services companies that have been named as defendants in certain purported class actions brought in the U.S. District Court for the Southern District of New York by purchasers of securities in public offerings, who claim that the defendants engaged in conspiracies in violation of federal antitrust laws in connection with these offerings. The plaintiffs in each instance seek treble damages as well as injunctive relief. One of the actions, which was commenced on August 21, 1998, alleges that the defendants have conspired to discourage or restrict the resale of securities for a period after the offerings, including by imposing "penalty bids". Defendants moved to dismiss the complaint in November 1998. The plaintiffs amended their complaint in February 1999, modifying their claims in various ways, including limiting the proposed class to retail purchasers of public offerings. Several other actions were commenced, beginning on November 3, 1998, that allege that the defendants, many of whom are also named in the other action discussed above, have conspired to fix at 7% the discount that underwriting syndicates receive from issuers of shares in certain offerings.

Goldman, Sachs & Co. received a Civil Investigative Demand on April 29, 1999 from the U.S. Department of Justice requesting information with respect to its investigation of an alleged conspiracy among securities underwriters to fix underwriting fees.

Rockefeller Center Properties, Inc. Litigation

Several former shareholders of Rockefeller Center Properties, Inc. brought purported class actions in the U.S. District Court for the District of Delaware and the Delaware Chancery Court arising from the acquisition of Rockefeller Center Properties, Inc. by an investor group in July 1996. The defendants in the actions include, among others, Goldman, Sachs & Co., Whitehall Real Estate

Partnership V, a fund advised by Goldman, Sachs & Co., a Goldman, Sachs & Co. managing director and other members of the investor group. The federal court actions, which have since been consolidated, were filed beginning on November 15, 1996, and the state court action was filed on May 29, 1998.

The complaints generally allege that the proxy statement disseminated to former Rockefeller Center Properties, Inc. stockholders in connection with the transaction was deficient, in violation of the disclosure requirements of the federal securities laws. The plaintiffs are seeking, among other things, unspecified damages, rescission of the acquisition, and/or disgorgement.

In a series of decisions, the federal court has granted summary judgment dismissing all the claims in the federal action. The plaintiffs have appealed those rulings.

The state action has been stayed pending disposition of the federal action.

Reichhold Chemicals Litigation

Reichhold Chemicals, Inc. and Reichhold Norway ASA brought a claim in March 30, 1998 in the Commercial Court in London against Goldman Sachs International in relation to the plaintiffs' 1997 purchase of the polymer division of one of Goldman Sachs International's Norwegian clients, Jotun A/S. The plaintiffs claim that they overpaid by \$40 million based upon misrepresentations concerning the financial performance of the polymer division.

In November 1998, the Commercial Court granted Goldman Sachs International's application for a stay of the action pending the outcome of arbitration proceedings between Reichhold Chemicals, Inc. and Reichhold Norway ASA, on the one hand, and Jotun A/S in Norway, on the other. The stay order is currently being reviewed by an appellate court.

Matters Relating to Municipal Securities

Goldman, Sachs & Co., together with a number of other firms active in the municipal securities area, has received requests begin-

ning in June 1995 for information from the SEC and certain other federal and state agencies and authorities with respect to the pricing of escrow securities sold by Goldman, Sachs & Co. to certain municipal bond issuers in connection with the advanced refunding of municipal securities. Goldman, Sachs & Co. understands that certain municipal bond issuers to which Goldman, Sachs & Co. sold escrow securities have also received such inquiries.

There have been published reports that an action under the Federal False Claims Act was filed in February 1995 alleging unlawful and undisclosed overcharges in certain advance refunding transactions by a private plaintiff on behalf of the United States and that Goldman, Sachs & Co., together with a number of other firms, is a named defendant in that action. The complaint was reportedly filed under seal while the government determines whether it will pursue the claims directly.

Goldman, Sachs & Co. is also one of many municipal underwriting firms that have been named as defendants in a purported class action brought on November 24, 1998 in the U.S. District Court for the Middle District of Florida by the Clerk of Collier County, Florida on behalf of municipal issuers which purchased escrow securities since October 1986 in connection with advance refundings. The amended complaint alleges that the securities were excessively “marked up” in violation of the Investment Advisers Act and Florida law, and seeks to recover the difference between the actual and alleged “fair” prices. The defendants moved to dismiss the complaint on April 30, 1999.

AMF Securities Litigation

The Goldman Sachs Group, L.P., Goldman, Sachs & Co. and a Goldman, Sachs & Co. managing director have been named as defendants in a purported class action lawsuit commenced on April 27, 1999 in the U.S. District Court for the Southern District of New York. This lawsuit was brought on behalf of purchasers of stock of AMF Bowling, Inc. in an underwritten initial public offering of 15,525,000 shares of com-

mon stock in November 1997 at a price of \$19.50 per share. Defendants are AMF Bowling, Inc., certain officers and directors of AMF Bowling, Inc. (including the Goldman, Sachs & Co. managing director), and the lead underwriters of the offering (including Goldman, Sachs & Co.). The complaint alleges violations of the disclosure requirements of the federal securities laws and seeks compensatory damages and/or rescission. The complaint asserts that The Goldman Sachs Group, L.P. and the Goldman, Sachs & Co. managing director are liable as controlling persons under the federal securities laws because certain funds managed by Goldman Sachs owned a majority of the outstanding common stock of AMF Bowling, Inc. and the managing director served as its chairman at the time of the offering.

Properties

Our principal executive offices are located at 85 Broad Street, New York, New York, and comprise approximately 969,000 square feet of leased space, pursuant to a lease agreement expiring in June 2008 (with an option to renew for up to 20 additional years). We also occupy over 500,000 square feet at each of 1 New York Plaza and 10 Hanover Square in New York, New York, pursuant to lease agreements expiring in September 2004 (with an option to renew for ten years) and June 2018, respectively. We also have a 15-year lease for approximately 590,000 square feet at 180 Maiden Lane in New York, New York, that expires in March 2014. In total, we lease over 3.1 million square feet in the New York area, having more than doubled our space since November 1996. We have additional offices in the United States and elsewhere in the Americas. Together, these offices comprise approximately 650,000 square feet of leased space.

Consistent with Goldman Sachs’ global approach to its business, we also have offices in Europe, Asia, Africa and Australia. In Europe, we have offices that total approximately 790,000 square feet. Our largest presence in Europe is in London, where we lease approximately 639,000 square feet through various leases, with the principal one, for Peterborough Court, expiring in 2016. An

additional 396,000 square feet of leased space in London is expected to be occupied during 2001.

In Asia, we have offices that total approximately 360,000 square feet. Our largest offices in these regions are in Tokyo and Hong Kong. In Tokyo, we currently lease approximately 175,000 square feet under leases that expire between November 1999 and June 2005. In Hong Kong, we currently lease approximately 103,000 square feet under a lease that expires in May 2000. We recently entered into a new 12-year lease in Hong

Kong for approximately 190,000 square feet. There are also significant expansion efforts underway in Tokyo and Singapore.

Our space requirements have increased significantly over the last several years. Currently, Goldman Sachs is at or near capacity at most of its locations. As a result, we have been actively leasing additional space to support our anticipated growth. Based on our progress to date, we believe that we will be able to acquire additional space to meet our anticipated needs.

MANAGEMENT

Directors and Executive Officers

Set forth below is information concerning the persons who will be the directors and executive officers of Goldman Sachs as of the date of the completion of the offerings. We

anticipate appointing additional directors over time who are not employees of Goldman Sachs or affiliated with management.

<u>Name</u>	<u>Age</u>	<u>Position</u>
Henry M. Paulson, Jr.	53	Director, Chairman and Chief Executive Officer
Robert J. Hurst	53	Director and Vice Chairman
John A. Thain	43	Director, President and Co-Chief Operating Officer
John L. Thornton	45	Director, President and Co-Chief Operating Officer
Sir John Browne	51	Director
James A. Johnson	55	Director
John L. Weinberg	74	Director
Robert J. Katz	51	General Counsel
Gregory K. Palm	50	General Counsel
Robin Neustein	45	Chief of Staff
Leslie M. Tortora	42	Chief Information Officer
David A. Viniar	43	Chief Financial Officer
Barry L. Zubrow	46	Chief Administrative Officer

Executive officers are appointed by and serve at the pleasure of our board of directors. A brief biography of each director and executive officer follows.

Mr. Paulson has been Co-Chairman and Chief Executive Officer or Co-Chief Executive Officer of The Goldman Sachs Group, L.P. since June 1998 and served as Chief Operating Officer from December 1994 to June 1998. From 1990 to November 1994, he was Co-Head of Investment Banking.

Mr. Hurst has been Vice Chairman of The Goldman Sachs Group, L.P. since February 1997 and has served as Head or Co-Head of Investment Banking since 1990. He is also a director of VF Corporation and IDB Holding Corporation Ltd.

Mr. Thain has been President of The Goldman Sachs Group, L.P. since March 1999 and Co-Chief Operating Officer since January 1999. From December 1994 to March 1999, he served as Chief Financial Officer and Head of Operations, Technology and Finance. From July 1995 to September 1997, he was also Co-Chief Executive Officer for European Operations. In 1990, Mr. Thain transferred

from FICC to Operations, Technology and Finance to assume responsibility for Controllers and Treasury. From 1985 to 1990, Mr. Thain was in FICC where he established and served as Co-Head of the Mortgage Securities Department. Mr. Thain is a director of The Depository Trust Company.

Mr. Thornton has been President of The Goldman Sachs Group, L.P. since March 1999 and Co-Chief Operating Officer of The Goldman Sachs Group, L.P. since January 1999. From August 1998 until January 1999, he had oversight responsibility for International Operations. From September 1996 until August 1998, he was Chairman, Goldman Sachs — Asia, in addition to his senior strategic responsibilities in Europe. From July 1995 to September 1997, he was Co-Chief Executive Officer for European Operations. From 1994 to 1995, he was Co-Head of Investment Banking in Europe and from 1992 to 1994 was Head of European Investment Banking Services. Mr. Thornton is also a director of the Ford Motor Company, BSKyB PLC, Laura Ashley PLC and the Pacific Century Group.

Sir John Browne has been Group Chief Executive of BP Amoco p.l.c. since January

1999. He was Group Chief Executive of The British Petroleum Company from 1995 to 1999, having served as a Managing Director since 1991. Sir John is also a director of SmithKline Beecham p.l.c. and the Intel Corporation, a member of the supervisory board of DaimlerChrysler AG and a trustee of the British Museum.

Mr. Johnson has been Chairman of the Executive Committee of the Board of Directors of Fannie Mae since January 1999. He was Chairman and Chief Executive Officer of Fannie Mae from February 1991 through December 1998. Mr. Johnson is also a director of the Cummins Engine Company, Dayton Hudson Corporation, UnitedHealth Group and Kaufman and Broad Home Corporation, Chairman of the John F. Kennedy Center for the Performing Arts and Chairman of the Board of Trustees of The Brookings Institution.

Mr. Weinberg has been Senior Chairman of The Goldman Sachs Group, L.P. since 1990. From 1984 to 1990, he was Senior Partner and Chairman and, from 1976 to 1984, he served both as Senior Partner and Co-Chairman. Mr. Weinberg is also a director of Knight-Ridder, Inc., Provident Financial Corp. and Tricon Global Restaurants, Inc.

Mr. Katz has been General Counsel of The Goldman Sachs Group, L.P. or its predecessor since 1988. From 1980 to 1988, Mr. Katz was a partner in Sullivan & Cromwell.

Mr. Palm has been General Counsel of The Goldman Sachs Group, L.P. since 1992. He also has senior oversight responsibility for Compliance and Management Controls, and is Co-Chairman of the Global Compliance and Control Committee. From 1982 to 1992, Mr. Palm was a partner in Sullivan & Cromwell.

Ms. Neustein has been Chief of Staff to the senior partners of The Goldman Sachs Group, L.P. since 1992. From 1991 to 1992, Ms. Neustein managed strategic projects for the senior partners. Prior to then, she was in Investment Banking.

Ms. Tortora has been Chief Information Officer of The Goldman Sachs Group, L.P. and the Head of Information Technology since

March 1999. She has headed Goldman Sachs' global technology efforts since 1994.

Mr. Viniar has been Chief Financial Officer of The Goldman Sachs Group, L.P. and Co-Head of Operations, Finance and Resources since March 1999. From July 1998 until then, he was Deputy Chief Financial Officer and from 1994 until then, he was Head of Finance, with responsibility for Controllers and Treasury. From 1992 to 1994, Mr. Viniar was Head of Treasury and immediately prior to then was in the Structured Finance Department of Investment Banking.

Mr. Zubrow has been Chief Administrative Officer of The Goldman Sachs Group, L.P. and Co-Head of Operations, Finance and Resources since March 1999. From 1994 until then he was chief credit officer and Head of the Credit Department. From 1992 to 1994, Mr. Zubrow was Head of the Midwest Group in the Corporate Finance Department of Investment Banking.

In addition, Jon S. Corzine, 52, currently is a Director and Co-Chairman of Goldman Sachs, but will resign both positions immediately prior to the date of the offerings. After seeing through the completion of the offerings, a project Mr. Corzine believes is of great importance to Goldman Sachs, he is leaving Goldman Sachs to pursue other interests. Mr. Corzine has been Co-Chairman of The Goldman Sachs Group, L.P. since June 1998 and served as Chairman and Chief Executive Officer of The Goldman Sachs Group, L.P. from December 1994 to June 1998 and Co-Chief Executive Officer from June 1998 to January 1999. Mr. Corzine is a member of the NASD's Board of Governors.

There are no family relationships between any of the executive officers or directors of Goldman Sachs.

The Management and Partnership Committees

In January 1999, the Management and Partnership Committees were constituted as part of Goldman Sachs' overall governance structure. The Management Committee, which is chaired by Mr. Paulson, has responsibility for policy, strategy and management of our

businesses. In addition to Messrs. Paulson, Thain, Thornton and Hurst, Ms. Neustein and Ms. Tortora, the members of this committee and their principal positions within Goldman Sachs are: Lloyd C. Blankfein (Co-Head, FICC), Richard A. Friedman (Co-Head, Merchant Banking), Steven “Mac” M. Heller (Co-Chief Operating Officer, Investment Banking), Robert S. Kaplan (Co-Chief Operating Officer, Investment Banking), John P. McNulty (Co-Head, Asset Management), Michael P. Mortara (Co-Head, FICC), Daniel M. Neidich (Co-Head, Merchant Banking), Mark Schwartz (President, Goldman Sachs — Japan), Robert K. Steel (Co-Head, Equities) and Patrick J. Ward (Co-Head, Equities and Deputy Chairman — Europe). Mr. Katz is counsel to the Management Committee.

The Partnership Committee, which is chaired by Messrs. Thain and Thornton, oversees personnel development and career management issues. It focuses on such matters as recruiting, training, performance evaluation, diversity, mobility and succession planning and, together with the Management Committee, is expected to become integral in the process of selecting and compensating managing directors. In addition to Messrs. Thain and Thornton and Ms. Neustein, the members of this committee and their principal positions within Goldman Sachs are: David W. Blood (Head, Asset Management — Europe), Gary D. Cohn (Head, FICC Commodities and Emerging Markets), W. Mark Evans (Co-Head, Investment Research), Jacob D. Goldfield (Head, FICC — Europe), David B. Heller (Head, Equities Derivatives Trading), Philip D. Murphy (President, Goldman Sachs — Asia), Simon M. Robertson (President, Goldman Sachs — Europe), Esta E. Stecher (Head, Tax), John S. Weinberg (Co-Head, Investment Banking Services), Peter A. Weinberg (Co-Chief Operating Officer, Investment Banking and Deputy Chairman — Europe) and Jon Winkelried (Head, Leveraged Finance). Mr. Palm is counsel to the Partnership Committee.

Information Regarding the Board of Directors

Our charter will provide for a classified board of directors consisting of three classes.

The term of the initial Class I directors will terminate on the date of the 2000 annual meeting of shareholders, the term of the initial Class II directors will terminate on the date of the 2001 annual meeting of shareholders and the term of the initial Class III directors will terminate on the date of the 2002 annual meeting of shareholders. Messrs. Thain and Thornton will be members of Class I, Sir John Browne and Messrs. Johnson and Weinberg will be members of Class II and Messrs. Hurst and Paulson will be members of Class III. Beginning in 2000, at each annual meeting of shareholders, successors to the class of directors whose term expires at that annual meeting will be elected for a three-year term and until their respective successors have been elected and qualified. A director may be removed only for cause by the affirmative vote of the holders of not less than 80% of the outstanding shares of capital stock entitled to vote in the election of directors.

It is anticipated that our board of directors will meet at least quarterly. Members of our board of directors who are employees of Goldman Sachs or any of its subsidiaries will not be compensated for service on the board of directors or any committee thereof.

Upon completion of the offerings, Mr. Weinberg will continue in his role as Senior Chairman under an agreement pursuant to which he will provide senior advisory services to Goldman Sachs, receive annual compensation of \$2 million and participate in various employee benefit plans. The agreement expires November 24, 2000, unless earlier terminated by either party on 90 days' notice. Mr. Weinberg has had similar arrangements with Goldman Sachs since 1990.

Committees of the Board of Directors

Our board of directors will have an Audit Committee, composed of directors who are not employed by Goldman Sachs or affiliated with management. The Audit Committee will review the results and scope of the audit and other services provided by our independent auditors as well as review our accounting and control procedures and policies.

Our board of directors will also have a Compensation Committee. The Compensation

Committee will oversee the compensation and benefits of the management and employees of Goldman Sachs and will consist entirely of non-employee directors.

Our board of directors may from time to time establish other committees to facilitate the management of Goldman Sachs.

Executive Compensation

Prior to the offerings of our common stock, our business was carried on in partnership form. As a result, meaningful individual compensation information for directors and executive officers of Goldman Sachs based on operating in corporate form is not availa-

ble for periods prior to the offerings. However, Goldman Sachs does not believe that the aggregate compensation that will be paid in fiscal 1999 to the continuing named executive officers referred to below will exceed levels that are customary for similarly-situated executives in the investment banking industry.

The following table sets forth compensation information for our Chief Executive Officer, three of our continuing executive officers named under “— Directors and Executive Officers” and two former executive officers of The Goldman Sachs Group, L.P. (the “named executive officers”).

Fiscal 1998 Compensation Information (1)

<u>Name and Principal Position</u>	
Henry M. Paulson, Jr.,	\$12,700,000
1998: Co-Chairman and Co-Chief Executive Officer (1999: Director, Chairman and Chief Executive Officer)	
Robert J. Hurst,	11,300,000
1998: Vice Chairman (1999: Director and Vice Chairman)	
John A. Thain,	11,200,000
1998: Chief Financial Officer (1999: Director, President and Co-Chief Operating Officer)	
John L. Thornton,	9,900,000
1998: Chairman of International Operations (1999: Director, President and Co-Chief Operating Officer)	
Jon S. Corzine (2),	12,800,000
1998: Co-Chairman and Co-Chief Executive Officer	
Roy J. Zuckerberg (3),	11,000,000
1998: Vice Chairman	

(1) The amounts in the table represent compensation for fiscal 1998 only and do not include that portion of each named executive officer’s total partnership return from The Goldman Sachs Group, L.P. in 1998 attributable to a return on his invested capital or to his share of the income from investments made by Goldman Sachs in prior years that was allocated to the individuals who were partners in those years. The return on invested capital for each named executive officer was determined using a rate of 12%, the actual fixed rate of return that was paid in 1998 to our retired limited partners on their long-term capital.

(2) Mr. Corzine is leaving Goldman Sachs after the completion of the offerings.

(3) Mr. Zuckerberg retired in November 1998.

Aggregate compensation paid to key employees who are not named executive officers may exceed that paid to the named executive officers. Each of Messrs. Paulson, Hurst, Thain, Thornton, Corzine and Zuckerberg have accrued benefits under the employees’ pension plan entitling them to receive annual

benefits upon retirement at age 65 of \$10,533, \$10,533, \$7,074, \$11,801, \$9,942 and \$7,721, respectively. These benefits had accrued prior to November 1992 and none of these executive officers has earned additional benefits under the pension plan since November 1992.

Employment, Noncompetition and Pledge Agreements

Goldman Sachs is entering into employment agreements with each profit participating limited partner who continues as a managing director and pledge agreements and agreements relating to noncompetition and other covenants with all of the managing directors who are profit participating limited partners, whether or not they retire, including, in both cases, each managing director who is a member of our board of directors or is an executive officer.

The following are descriptions of the material terms of the employment, noncompetition and pledge agreements with the managing directors who were profit participating limited partners. You should, however, refer to the exhibits that are a part of the registration statement for a copy of the form of each agreement. See "Available Information".

Employment Agreements

Each employment agreement has an initial term extending through November 24, 2000 (thereafter no set term), requires each continuing managing director who was a profit participating limited partner to devote his or her entire working time to the business and affairs of Goldman Sachs and generally may be terminated at any time by either that managing director or Goldman Sachs on 90 days' prior written notice.

Goldman Sachs has entered into similar employment agreements with all other managing directors, except that they have no set term.

Noncompetition Agreements

Each noncompetition agreement provides as follows:

Confidentiality. Each managing director who was a profit participating limited partner is required to protect and use "confidential information" in accordance with the restrictions placed by Goldman Sachs on its use and disclosure.

Noncompetition. During the period ending 12 months after the date a managing director who was a profit participating limited partner ceases to be employed by Goldman Sachs, that managing director may not:

- form, or acquire a 5% or greater ownership, voting or profit participation interest in, any competitive enterprise; or
- associate with any competitive enterprise and in connection with such association engage in, or directly or indirectly manage or supervise personnel engaged in, any activity that had a relationship to that managing director's activities at Goldman Sachs.

When we refer to a "competitive enterprise", we are referring to any business enterprise that engages in any activity, or owns a significant interest in any entity that engages in any activity, that competes with any activity in which we are engaged.

Nonsolicitation. During the period ending 18 months after the date a managing director who was a profit participating limited partner ceases to be employed by Goldman Sachs, that managing director may not, directly or indirectly, in any manner:

- solicit any client with whom that managing director worked, or whose identity became known to him or her in connection with his or her employment with Goldman Sachs, to transact business with a competitive enterprise or reduce or refrain from doing any business with Goldman Sachs;
- interfere with or damage any relationship between Goldman Sachs and any client or prospective client; or
- solicit any employee of Goldman Sachs to apply for, or accept employment with, any competitive enterprise.

Transfer of Client Relationships. Each managing director who was a profit participating limited partner is required, upon termination of his or her employment, to take all actions and do all things reasonably requested by Goldman Sachs during a 90-day cooperation period to maintain for Goldman Sachs the business, goodwill and business

relationships with Goldman Sachs' clients with which he or she worked.

Liquidated Damages. In the case of any breach of the noncompetition or nonsolicitation provisions prior to the fifth anniversary of the date of the consummation of the offerings, the breaching managing director will be liable for liquidated damages. The amount of liquidated damages for each managing director who initially serves on the board of directors, the Management Committee or the Partnership Committee of Goldman Sachs is \$15 million, and the amount of liquidated damages for each other managing director who was a profit participating limited partner is \$10 million. These liquidated damages are in addition to the forfeiture of any future equity-based awards that may occur as a result of the breach of any noncompetition or nonsolicitation provisions contained in those awards.

Pledge Agreement

The liquidated damages provisions of each noncompetition agreement will be secured by a pledge of stock or other assets with an initial value equal to 100% of the applicable liquidated damages amount.

Each pledge agreement will terminate on the earliest to occur of:

- the death of the relevant managing director;
- the expiration of the 24-month period following the termination of the employment of the relevant managing director; or
- the fifth anniversary of the date of the consummation of the offerings.

Nonexclusivity and Arbitration

The liquidated damages and pledge arrangements discussed above are not exclusive of any injunctive relief that Goldman Sachs may be entitled to for a breach of a noncompetition agreement and, after the termination of the pledge agreement, Goldman Sachs will be entitled to all available remedies for a breach of a noncompetition agreement.

The employment, noncompetition and pledge agreements generally provide that any disputes thereunder will be resolved by binding arbitration.

The Employee Initial Public Offering Awards

On the date of the consummation of the offerings, we intend to provide awards to our employees and a limited number of consultants and advisors, other than managing directors who were profit participating limited partners, in one or more of the following forms:

- substantially all employees will receive a grant of restricted stock units awarded based on a formula, with respect to which up to an aggregate of 30,025,946 shares of common stock will be deliverable;
- certain senior employees, principally managing directors who were not profit participating limited partners, will be selected to participate in the defined contribution plan described below, to which Goldman Sachs will make an initial irrevocable contribution of 12,555,866 shares of common stock;
- certain employees will receive a grant of restricted stock units awarded on a discretionary basis, with respect to which up to an aggregate of 33,292,869 shares of common stock will be deliverable; and
- certain employees will receive a grant of options to purchase shares of common stock awarded on a discretionary basis, with respect to which up to an aggregate of 40,127,592 shares of common stock will be deliverable.

The restricted stock units awarded to employees based on a formula, the restricted stock units awarded to employees on a discretionary basis and the options to purchase shares of common stock awarded to employees on a discretionary basis will be granted under the stock incentive plan described below. The restricted stock units awarded to employees on a discretionary and a formula basis described below will confer only the rights of a general unsecured creditor of Goldman Sachs and no rights as a shareholder of Goldman Sachs until the common stock underlying such award is delivered. Any shares of common stock acquired by a managing director pursuant to the awards will be subject to the shareholders' agreement described in "Certain Relation-

ships and Related Transactions — Shareholders' Agreement”.

Formula Awards

The common stock underlying the restricted stock units awarded based on a formula generally will be deliverable in equal installments on or about the first, second and third anniversaries of the date of the consummation of the offerings, although the common stock may be deliverable earlier in the event of certain terminations of employment following a change in control. While no additional service will be required to obtain delivery of the underlying common stock (*i.e.*, the award is “vested”), delivery of the common stock will be conditioned on the grantee’s satisfying certain requirements, including not being terminated under the circumstances described in the award agreement prior to delivery of the common stock and not violating any policy of Goldman Sachs (including in respect of confidentiality and hedging) or otherwise acting in a manner detrimental to Goldman Sachs (including violating noncompetition or nonsolicitation provisions of the award). While these restricted stock units are outstanding, amounts equal to regular cash dividends that would have been paid on the common stock underlying these units if the common stock had been actually issued will be paid in cash at about the same time that the dividends are paid generally to the shareholders. These amounts will be recorded as compensation expense since the underlying shares of common stock will not have been issued.

Pursuant to Accounting Principles Board Opinion No. 25, we will record non-cash compensation expense of \$1,591 million related to the restricted stock units awarded based on a formula on the date of grant, since future service is not required as a condition to the delivery of the underlying shares of common stock. For purposes of calculating both basic earnings per share (pursuant to Statement of Financial Accounting Standards No. 128) and book value per share, the shares of common stock underlying the restricted stock units awarded based

on a formula are included in common stock outstanding for the reason described above.

Discretionary Awards

Restricted Stock Units Awarded on a Discretionary Basis. The restricted stock units awarded on a discretionary basis will vest, and the underlying common stock will be delivered, in equal installments on or about the third, fourth and fifth anniversaries of the date of consummation of the offerings if the grantee has satisfied certain conditions and the grantee’s employment with Goldman Sachs has not been terminated, with certain exceptions for terminations of employment due to death, retirement, extended absence or following a change in control. While these restricted stock units are outstanding, amounts equal to regular cash dividends that would have been paid on the common stock underlying these units if the common stock had been actually issued will be paid in cash at about the same time that the dividends are paid generally to the shareholders. These amounts will be recorded as compensation expense since the underlying shares of common stock will not have been issued.

Pursuant to Accounting Principles Board Opinion No. 25, we will record non-cash compensation expense of \$1,765 million related to the restricted stock units awarded on a discretionary basis over the related service period. For purposes of calculating both basic earnings per share (pursuant to Statement of Financial Accounting Standards No. 128) and book value per share, the shares of common stock underlying these restricted stock units are excluded from common stock outstanding since future service is required as a condition to the delivery of the underlying shares of common stock. The dilutive effect of these restricted stock units is, however, included in diluted shares outstanding using the treasury stock method.

Discretionary Options. The options to purchase shares of common stock awarded on a discretionary basis will be granted with an exercise price generally equal to the initial public offering price per share set forth on the cover page of this prospectus, although in

certain non-U.S. jurisdictions certain employees may be granted discretionary options with a lower exercise price. These discretionary options will generally be exercisable in equal installments commencing on or about the third, fourth and fifth anniversaries of the date of the consummation of the offerings if the grantee has satisfied certain conditions and the grantee's employment with Goldman Sachs has not been terminated, with certain exceptions for terminations of employment due to death, retirement, extended absence or following a change in control. These discretionary options will thereafter generally remain exercisable, subject to satisfaction of certain conditions, until the tenth anniversary of the date of the consummation of the offerings or, if earlier, upon expiration of a period, as specified in the award agreement, following termination of employment.

These discretionary options will be accounted for pursuant to Accounting Principles Board Opinion No. 25, as permitted by paragraph 5 of Statement of Financial Accounting Standards No. 123. Since these options will have no intrinsic value on the date of grant, no compensation expense will be recognized.

Contribution to the Defined Contribution Plan. On the date of the consummation of the offerings, Goldman Sachs will make an initial irrevocable contribution of 12,555,866 shares of common stock to the defined contribution plan. Certain senior employees, principally managing directors who are not profit participating limited partners, will be selected to participate in the defined contribution plan. The right to receive shares will vest, and the underlying common stock will be distributable to participants in the defined contribution plan, in equal installments on or about the third, fourth and fifth anniversaries of the initial contribution if the participant has satisfied certain conditions and the participant's employment with Goldman Sachs has not been terminated, with certain exceptions for terminations of employment due to death or following a change in control. Dividends paid on shares allocated to participants will be distributed currently.

We will record non-cash compensation expense of \$666 million related to the initial

irrevocable contribution of shares of common stock to the defined contribution plan. This non-cash expense will be recognized on the date it is funded in accordance with Statement of Financial Accounting Standards No. 87.

Change in Control

The restricted stock units awarded based on a formula, the restricted stock units awarded on a discretionary basis, the options to purchase shares of common stock awarded on a discretionary basis and the defined contribution plan provide that (i) if a change in control occurs and (ii) within 18 months thereafter a grantee's or participant's employment is terminated by Goldman Sachs other than for cause or the grantee or participant terminates employment for good reason, in each case, as determined by Goldman Sachs:

- the common stock underlying any outstanding restricted stock units awarded based on a formula will be delivered;
- any outstanding restricted stock units awarded on a discretionary basis will vest and the common stock underlying these restricted stock units will be delivered;
- any outstanding unexercised options to purchase shares of common stock awarded on a discretionary basis will become exercisable and will be exercisable for a period of one year following such termination of employment (but in no event later than the tenth anniversary of the date of the consummation of the offerings) and thereafter terminate; and
- under the defined contribution plan, any unvested portion of the common stock attributable to the initial contribution by Goldman Sachs to the defined contribution plan will vest and be distributed.

"Change in control" means the consummation of a merger, consolidation, statutory share exchange or similar form of corporate transaction involving The Goldman Sachs Group, Inc. or sale or other disposition of all or substantially all of the assets of The Goldman Sachs Group, Inc. to an entity that is not an affiliate of The Goldman Sachs

Group, Inc. that, in each case, requires shareholder approval under the law of The Goldman Sachs Group, Inc.'s jurisdiction of organization, unless immediately following such transaction, either:

- at least 50% of the total voting power of the surviving entity or its parent entity, if applicable, is represented by securities of The Goldman Sachs Group, Inc. that were outstanding immediately prior to the transaction; or
- at least 50% of the members of the board of directors of the surviving entity, or its parent entity, if applicable, following the transaction were incumbent directors (including directors whose election or nomination was approved by the incumbent directors) of The Goldman Sachs Group, Inc. at the time of the board of directors' approval of the execution of the initial agreement providing for the transaction.

“Cause” includes, among other things, the grantee's or participant's conviction of certain misdemeanors or felonies, violation of applicable laws and violation of any policy of Goldman Sachs, including policies with respect to hedging and confidentiality.

“Good reason” means a materially adverse alteration in the grantee's or participant's position or in the nature or status of the grantee's or participant's responsibilities from those in effect immediately prior to the change in control, as determined by Goldman Sachs, or certain relocations by Goldman Sachs of a grantee's or participant's principal place of employment.

The Stock Incentive Plan

The following is a description of the material terms of the stock incentive plan. You should, however, refer to the exhibits that are a part of the registration statement for a copy of the stock incentive plan. See “Available Information”.

Types of Awards. The stock incentive plan provides for grants of incentive stock options (within the meaning of Section 422 of the Internal Revenue Code of 1986, as amended), nonqualified stock options, stock appreciation rights, dividend equivalent rights,

restricted stock, restricted stock units and other awards. The stock incentive plan also permits the making of loans to purchase shares of common stock.

Shares Subject to the Stock Incentive Plan; Other Limitations on Awards. Subject to adjustment as described below, the total number of shares of common stock of The Goldman Sachs Group, Inc. that may be issued under the stock incentive plan through its fiscal year ending in 2002 may not exceed 300,000,000 shares and, in each fiscal year thereafter, may not exceed five percent (5%) of the issued and outstanding shares of common stock, determined as of the last day of the immediately preceding fiscal year, increased by the number of shares available for awards in previous fiscal years but not covered by awards granted in such years. These shares may be authorized but unissued common stock or authorized and issued common stock held in Goldman Sachs' treasury or otherwise acquired for the purposes of the stock incentive plan. If any award is forfeited or is otherwise terminated or canceled without the delivery of shares of common stock, if shares of common stock are surrendered or withheld from any award to satisfy a grantee's income tax or other withholding obligations, or if shares of common stock owned by a grantee are tendered to pay the exercise price of awards, then such shares will again become available under the stock incentive plan. No more than 200,000,000 shares of common stock may be available for delivery in connection with the exercise of incentive stock options. The maximum number of shares of common stock with respect to which options or stock appreciation rights may be granted to an individual grantee in 1999 is 3,500,000 shares of common stock and, in each fiscal year that follows, is 110% of the maximum number of shares of common stock applicable for the preceding fiscal year.

Our Stock Incentive Plan Committee has the authority to adjust the terms of any outstanding awards and the number of shares of common stock issuable under the stock incentive plan for any increase or decrease in the number of issued shares of common stock resulting from a stock split, reverse

stock split, stock dividend, spin-off, combination or reclassification of the common stock, or any other event that the Stock Incentive Plan Committee determines affects our capitalization.

Eligibility. Awards may be made to any director, officer or employee of Goldman Sachs, including any prospective employee, and to any consultant or advisor to Goldman Sachs selected by the Stock Incentive Plan Committee.

Administration. The stock incentive plan will be administered by our board of directors or by the Stock Incentive Plan Committee, a committee appointed by our board of directors.

The Stock Incentive Plan Committee will have the authority to construe, interpret and implement the stock incentive plan, and prescribe, amend and rescind rules and regulations relating to the stock incentive plan. The determination of the Stock Incentive Plan Committee on all matters relating to the stock incentive plan or any award agreement will be final and binding.

Stock Options and Stock Appreciation Rights. The Stock Incentive Plan Committee may grant incentive stock options and non-qualified stock options to purchase shares of common stock from Goldman Sachs (at the price set forth in the award agreement), and stock appreciation rights in such amounts, and subject to such terms and conditions, as the Stock Incentive Plan Committee may determine. No grantee of an option or stock appreciation right will have any of the rights of a shareholder of The Goldman Sachs Group, Inc. with respect to shares subject to their award until the issuance of the shares.

Restricted Stock. The Stock Incentive Plan Committee may grant restricted shares of common stock in amounts, and subject to terms and conditions, as the Stock Incentive Plan Committee may determine. The grantee will have the rights of a shareholder with respect to the restricted stock, subject to any restrictions and conditions as the Stock Incentive Plan Committee may include in the award agreement.

Restricted Stock Units. The Stock Incentive Plan Committee may grant restricted stock units in amounts, and subject to terms and conditions, as the Stock Incentive Plan Committee may determine. Recipients of restricted stock units have only the rights of a general unsecured creditor of Goldman Sachs and no rights as a shareholder of The Goldman Sachs Group, Inc. until the common stock underlying the restricted stock units is delivered.

Other Equity-Based Awards. The Stock Incentive Plan Committee may grant other types of equity-based awards, including the grant of unrestricted shares, in amounts, and subject to terms and conditions, as the Stock Incentive Plan Committee may determine. These awards may involve the transfer of actual shares of common stock, or the payment in cash or otherwise of amounts based on the value of shares of common stock, and may include awards designed to comply with, or take advantage of certain benefits of, the local laws of non-U.S. jurisdictions.

Change in Control. The Stock Incentive Plan Committee may provide in any award agreement for provisions relating to a change in control of The Goldman Sachs Group, Inc. or any of its subsidiaries or affiliates, including, without limitation, the acceleration of the exercisability of, or the lapse of restrictions with respect to, the award.

Dividend Equivalent Rights. The Stock Incentive Plan Committee may in its discretion include in the award agreement a dividend equivalent right entitling the grantee to receive amounts equal to the dividends that would be paid, during the time such award is outstanding, on the shares of common stock covered by such award as if such shares were then outstanding.

Nonassignability. Except to the extent otherwise provided in the award agreement or approved by the Stock Incentive Plan Committee, no award or right granted to any person under the stock incentive plan will be assignable or transferable other than by will or by the laws of descent and distribution, and all awards and rights will be exercisable during the life of the grantee only by the grantee or the grantee's legal representative.

Amendment and Termination. Except as otherwise provided in an award agreement, the board of directors may from time to time suspend, discontinue, revise or amend the stock incentive plan and the Stock Incentive Plan Committee may amend the terms of any award in any respect.

U.S. Federal Income Tax Consequences of the Stock Incentive Plan. The following is a brief description of the material U.S. federal income tax consequences generally arising with respect to awards.

The grant of an option or stock appreciation right will create no tax consequences for the participant or Goldman Sachs. Upon exercising an option, other than an incentive stock option, the participant will generally recognize ordinary income equal to the difference between the exercise price and the fair market value of the shares acquired on the date of exercise and Goldman Sachs generally will be entitled to a tax deduction in the same amount. A participant generally will not recognize taxable income upon exercising an incentive stock option and Goldman Sachs will not be entitled to any tax deduction with respect to an incentive stock option if the participant holds the shares for the applicable periods specified in the Internal Revenue Code of 1986, as amended.

With respect to other awards, upon the payment of cash or the issuance of shares or other property that is either not restricted as to transferability or not subject to a substantial risk of forfeiture (e.g., delivery under the restricted stock units), the participant will generally recognize ordinary income equal to the cash or the fair market value of shares or other property delivered. Goldman Sachs generally will be entitled to a deduction in an amount equal to the ordinary income recognized by the participant.

The Defined Contribution Plan

The defined contribution plan is not intended to be qualified under Section 401 (a) of the Internal Revenue Code of 1986, as amended, and is not subject to the Employee Retirement Income Security Act of 1974, as amended.

The following is a description of the material terms of the defined contribution plan. You should, however, refer to the exhibits that are a part of the registration statement for a copy of the defined contribution plan. See "Available Information".

Eligibility and Participation. Our board of directors or the Defined Contribution Plan Committee, a committee appointed by our board of directors, will select the employees to participate in the defined contribution plan.

Contributions. Goldman Sachs will make an initial irrevocable contribution to the Defined Contribution Plan Trust, the trust underlying the defined contribution plan, of 12,555,866 shares of common stock simultaneously with the consummation of the offerings. Goldman Sachs may contribute additional shares of common stock or cash to the Defined Contribution Plan Trust from time to time in its sole discretion. We currently intend to make ongoing contributions to the defined contribution plan and to reallocate forfeitures under the defined contribution plan to participants.

Allocation of Contributions. There will be established an account in the name of each participant and a separate, unallocated account to which any forfeitures of common stock will be credited pending reallocation to participants. The Defined Contribution Plan Committee will designate the number of shares of common stock allocable to the account of each participant. Any common stock remaining in the unallocated account as of the last day of each plan year due to forfeitures and any distributions received on common stock credited to the unallocated account will be reallocated among the accounts of participants who are employed by Goldman Sachs on the last day of each plan year pro rata to each such participant's share of Goldman Sachs contributions, for that plan year, or on such other formulaic basis as the Defined Contribution Plan Committee may determine.

Voting and Tendering of Common Stock. Shares of common stock allocated to participants who are parties to the shareholders' agreement referred to below will be voted in accordance with the shareholders' agreement and will be tendered by the trustee of the

Defined Contribution Plan Trust in accordance with confidential instructions provided by the participants if the transfer restrictions under the shareholders' agreement are waived (and will not be tendered if the transfer restrictions are not waived). See "Certain Relationships and Related Transactions — Shareholders' Agreement" for a discussion of those provisions. Any shares of common stock allocated to accounts of participants who are not subject to the shareholders' agreement will be voted and tendered by the trustee of the Defined Contribution Plan Trust in accordance with confidential instructions provided by the participant. Shares held in participants' accounts with respect to which the trustee of the Defined Contribution Plan Trust does not receive voting or tendering directions will not be voted or tendered.

Shares of common stock held in the unallocated account will be voted or tendered by the trustee in the same proportion as the shares of common stock allocated to participants' accounts with respect to which voting or tendering instructions are received.

Dividends. Any cash dividends on shares of common stock allocated to a participant's account will be distributed to each participant after the end of the calendar quarter in which such dividend is received.

Vesting and Distribution. With respect to the initial contribution of common stock to the defined contribution plan, the right to receive shares of common stock allocated to a participant's account generally will become vested, and the common stock generally will be distributable, in equal installments on or about the third, fourth and fifth anniversaries of the date of such contribution if the participant satisfies certain conditions and the participant's employment with Goldman Sachs has not been terminated, with certain exceptions for termination due to death or following a change in control.

With respect to contributions to the defined contribution plan (other than the initial contribution), the Defined Contribution Plan Committee may determine the dates on which the right to receive common stock (or cash) allocated to a participant's account will vest and be distributable.

Administration of the Defined Contribution Plan. The defined contribution plan will be administered by the Defined Contribution Plan Committee. Our board of directors may, however, determine allocations of contributions or resolve to otherwise administer the defined contribution plan.

Amendments. Subject to limitations with respect to contributions previously made to the defined contribution plan, our board of directors reserves the right to modify, alter, amend or terminate the defined contribution plan or the Defined Contribution Plan Trust. No modification or amendment of the defined contribution plan may be made which would cause or permit any part of the assets of the Defined Contribution Plan Trust to be used for, or diverted to, purposes other than for the exclusive benefit of participants or their beneficiaries, or which would cause any part of the assets of the Defined Contribution Plan Trust to revert to or become the property of Goldman Sachs.

Limit on Liability. All distributions under the defined contribution plan will be paid or provided solely from the assets of the Defined Contribution Plan Trust and Goldman Sachs will have no responsibility or liability to any participant or beneficiary relating to the common stock or other assets of the Defined Contribution Plan Trust. The agreement establishing the Defined Contribution Plan Trust will provide that no creditor of Goldman Sachs will have any rights to the assets of the Defined Contribution Plan Trust.

U.S. Federal Income Tax Consequences. The following is a brief description of the material U.S. federal income tax consequences generally arising with respect to participation in the defined contribution plan. A participant in the defined contribution plan will recognize ordinary income upon the vesting of shares of common stock allocated to such participant's account in an amount equal to the fair market value of the vested shares. Goldman Sachs will generally be entitled to a deduction equal to the fair market value of the shares at the time of the contribution in the taxable year in which the participant recognizes income under the defined contribution plan in respect of the vesting of shares of common stock.

The Partner Compensation Plan

Overview

To perpetuate the sense of partnership and teamwork that exists among our senior professionals, and to reinforce the alignment of employee and shareholder interests, our board of directors has adopted a partner compensation plan for the purpose of compensating senior professionals. The partner compensation plan will be administered by our board of directors or the Partner Compensation Plan Committee, a committee appointed by our board of directors.

Individuals will be selected to participate in the partner compensation plan for a one- or two-fiscal year cycle. Upon selection to the partner compensation plan, participants will be allocated a percentage interest in a pool for annual bonus payments in addition to base salaries. The size of the pool will be established by the Partner Compensation Plan Committee annually, taking into account our results of operations and other measures of financial performance. The Partner Compensation Plan Committee may also retain an unallocated percentage of the pool that it may allocate among participants at fiscal year end in its sole discretion. By linking the participant's annual bonus payments to our results as a whole, as opposed to the results of any participant's individual business unit, we believe it will provide additional incentives for teamwork. Further, we believe that the tying of the bonus payments to overall financial results will more closely align the interests of the participants with our shareholders. Finally, we believe that the retention of a percentage of the pool for allocation among participants at fiscal year end in amounts determined at the sole discretion of the Partner Compensation Plan Committee will provide appropriate compensation flexibility.

The following is a description of the material terms of the partner compensation plan. You should, however, refer to the exhibits that are a part of the registration statement for a copy of the partner compensation plan. See "Available Information".

Eligibility and Participation

Consistent with our historical practice of partnership elections, the initial cycle will be

through the end of fiscal 2000. It is expected that the participants in the initial cycle will consist of the continuing managing directors who were profit participating limited partners. Prior to the one- or two-fiscal year cycle commencing with fiscal 2001, and on or before each succeeding cycle, the Partner Compensation Plan Committee will determine the participants in the partner compensation plan. Individual participants may also be added from time to time outside the annual or biennial selection process.

Determination of Salary and Bonus

The aggregate amount of compensation to be included in the partner compensation plan for each fiscal year will be determined by the Partner Compensation Plan Committee, taking into account measures of our financial performance it deems appropriate (which in 1999 will include a full year's results), including, but not limited to, earnings per share, return on average common equity, pre-tax income, pre-tax operating income, net revenues, net income, profits before taxes, book value per share, stock price, earnings available to common shareholders and ratio of compensation and benefits to net revenues.

Prior to the commencement of the first fiscal year in any one- or two-fiscal year cycle, and prior to the consummation of the offerings in the case of the initial cycle, the Partner Compensation Plan Committee will determine both the salaries of and the percentage of the partner compensation plan pool that may be allocable to any particular participant. The percentage allocated to any particular participant is expected to be applicable for each fiscal year within the applicable cycle. Any remaining portion of the partner compensation plan pool not so allocated will be allocated to individual participants at the end of the fiscal year in amounts determined by the Partner Compensation Plan Committee.

Amounts payable under the partner compensation plan will be satisfied in cash or as awards under the stock incentive plan, as determined by the Partner Compensation Plan Committee and recommended to the Stock Incentive Plan Committee.

PRINCIPAL AND SELLING SHAREHOLDERS

The following table sets forth as of the date of this prospectus certain information regarding the beneficial ownership of our common stock:

- immediately prior to the consummation of the offerings, but after giving effect to the incorporation transactions and the related transactions that are described under “Certain Relationships and Related Transactions — Incorporation and Related Transactions”; and
- as adjusted to reflect the sale of the shares of our common stock pursuant to the offerings by:
 1. each person who is known to Goldman Sachs to be the beneficial owner of more than 5% of our common stock after the consummation of the offerings;
 2. each director and named executive officer of Goldman Sachs; and
 3. all directors and executive officers of Goldman Sachs as a group.

Except as otherwise indicated, the persons or entities listed below have sole voting and investment power with respect to the shares beneficially owned by them. None of

our employees are selling shares of common stock in the offerings.

For purposes of this table, information as to the shares of common stock is calculated based on 386,245,963 shares of common stock outstanding prior to the consummation of the offerings and 437,245,963 shares of common stock outstanding after the offerings. For purposes of this table, “beneficial ownership” is determined in accordance with Rule 13d-3 under the Securities Exchange Act of 1934, pursuant to which a person or group of persons is deemed to have “beneficial ownership” of any shares of common stock that such person has the right to acquire within 60 days after the date of this prospectus. For purposes of computing the percentage of outstanding shares of common stock held by each person or group of persons named above, any shares which such person or persons has the right to acquire within 60 days after the date of this prospectus are deemed to be outstanding but are not deemed to be outstanding for the purpose of computing the percentage ownership of any other person.

<u>Name</u>	<u>Shares Beneficially Owned Prior to Offerings</u>		<u>Number of Shares Offered</u>	<u>Shares Beneficially Owned After Offerings</u>	
	<u>Number</u>	<u>Percent</u>		<u>Number</u>	<u>Percent</u>
5% Shareholders:					
Sumitomo Bank Capital Markets, Inc. (1)	30,425,052	7.9%	9,000,000	21,425,052	4.9%
Kamehameha Activities Association (2) ..	30,975,421	8.0	9,000,000	21,975,421	5.0
Directors and named executive officers:					
Henry M. Paulson, Jr. (3)	4,132,235	1.1	0	4,132,235	*
Robert J. Hurst (3)	3,835,124	*	0	3,835,124	*
John A. Thain (3)	3,101,426	*	0	3,101,426	*
John L. Thornton (3)	3,012,541	*	0	3,012,541	*
Sir John Browne (3)	0	—	0	0	—
James A. Johnson (3)	0	—	0	0	—
John L. Weinberg (3)	444,444	*	0	444,444	*
Jon S. Corzine (4)	4,414,198	1.1	0	4,414,198	1.0
Roy J. Zuckerman (5)	3,026,974	*	0	3,026,974	*
All directors and continuing executive officers as a group (13 persons) (6)	26,152,648	6.8	0	26,152,648	6.0

* Less than 1% of the outstanding shares of common stock.

- (1) 277 Park Avenue, New York, New York 10172. For purposes of calculating the number of shares of common stock beneficially owned prior to the offerings, includes 9,000,000 shares of common stock beneficially owned by Sumitomo Bank Capital Markets, Inc. that will be sold in the offerings. Excludes 7,440,362 shares of common stock that Sumitomo Bank Capital Markets, Inc. would receive upon the conversion of its 7,440,362 shares of nonvoting common stock. The shares of nonvoting common stock are not convertible until the 185th day after the consummation of the offerings. For a description of the nonvoting common stock, see “Description of Capital Stock — Nonvoting Common Stock”.

Sumitomo Bank Capital Markets, Inc. in the ordinary course of business enters into derivative contracts and other transactions with Goldman Sachs. These contracts and other transactions are negotiated on an arm’s-length basis and contain customary terms and conditions.

- (2) 567 South King Street, Suite 150, Honolulu, Hawaii 96813. Kamehameha Activities Association is the owner of the shares to be offered. The Estate of Bernice Pauahi Bishop, an affiliate of Kamehameha Activities Association, is joining in and consenting to the sale.

Kamehameha Activities Association in the ordinary course of business is an investor in a number of Goldman Sachs’ merchant banking funds and from time to time is a party to other transactions with Goldman Sachs. These investments and transactions are negotiated on an arm’s-length basis and contain customary terms and conditions.

- (3) c/o The Goldman Sachs Group, Inc., 85 Broad Street, New York, New York 10004. Excludes any shares of common stock subject to the shareholders’ agreement referred to below that are owned by other parties to the shareholders’ agreement. While each of Messrs. Paulson, Hurst, Thain and Thornton is a party to the shareholders’ agreement and is a member of the Shareholders’ Committee, each disclaims beneficial ownership of the shares of common stock subject to the shareholders’ agreement other than those specified above for each such person individually, and each disclaims beneficial ownership of the shares of common stock subject to the voting agreements between Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association, respectively, on the one hand, and Goldman Sachs, on the other hand. See “Certain Relationships and Related Transactions — Shareholders’ Agreement” for a discussion of the shareholders’ agreement and the voting agreements.
- (4) Mr. Corzine, who is leaving Goldman Sachs after the consummation of the offerings, served as Chairman or Co-Chairman and Chief Executive Officer or Co-Chief Executive Officer of The Goldman Sachs Group, L.P. during fiscal 1998.
- (5) Mr. Zuckerberg, who retired in November 1998, served as Vice Chairman of The Goldman Sachs Group, L.P. during fiscal 1998.
- (6) Total excludes the shares of common stock beneficially owned by Messrs. Corzine and Zuckerberg, former executive officers of The Goldman Sachs Group, L.P. Each continuing executive officer is a party to the shareholders’ agreement and each disclaims beneficial ownership of the shares of common stock subject to the shareholders’ agreement other than those specified above, and each disclaims beneficial ownership of the shares of common stock subject to the voting agreements between Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association, respectively, on the one hand, and Goldman Sachs, on the other hand. See “Certain Relationships and Related Transactions — Shareholders’ Agreement” for a discussion of the shareholders’ agreement and the voting agreements.

CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

The following are descriptions of the material provisions of the agreements and other documents discussed below. You should, however, refer to the exhibits that are a part of the registration statement for a copy of each agreement and document. See "Available Information".

Incorporation and Related Transactions

Simultaneously with the consummation of the offerings, we will complete a number of transactions in order to have The Goldman Sachs Group, Inc. succeed to the business of The Goldman Sachs Group, L.P.

The principal incorporation transactions and related transactions are summarized below.

Incorporation Transactions

Pursuant to our plan of incorporation:

- The Goldman Sachs Corporation, which is the general partner of The Goldman Sachs Group, L.P., will merge into The Goldman Sachs Group, Inc. In this transaction, the managing directors who were profit participating limited partners and who are shareholders of The Goldman Sachs Corporation will receive common stock and the other shareholders of The Goldman Sachs Corporation will receive common stock;
- The managing directors who were profit participating limited partners will exchange their interests in The Goldman Sachs Group, L.P. and certain affiliates for 265,019,073 shares of common stock (these amounts include shares issuable in the merger of The Goldman Sachs Corporation into The Goldman Sachs Group, Inc.);
- The retired limited partners of Goldman Sachs will exchange their interests in The Goldman Sachs Group, L.P. and certain affiliates for cash, junior subordinated debentures or common stock (or a combination thereof). It is expected that these transactions will result in the payment of approximately \$891 million in cash and the issuance of \$295 million principal amount of junior subordinated debentures and of 47,270,551 shares of common stock (these

amounts include the shares of common stock issuable to the retired limited partners in the merger of The Goldman Sachs Corporation into The Goldman Sachs Group, Inc.);

- Sumitomo Bank Capital Markets, Inc. will exchange its interests in The Goldman Sachs Group, L.P. and Goldman, Sachs & Co. for 30,425,052 shares of common stock and 7,440,362 shares of nonvoting common stock;
- Kamehameha Activities Association will exchange its interests in The Goldman Sachs Group, L.P. for 30,975,421 shares of common stock; and
- After all the interests of The Goldman Sachs Group, L.P. have been transferred to The Goldman Sachs Group, Inc., The Goldman Sachs Group, L.P. will be merged into The Goldman Sachs Group, Inc.

Related Transactions

- The restricted stock units awarded to employees based on a formula or on a discretionary basis as well as options to purchase shares of common stock awarded on a discretionary basis will be granted, the initial irrevocable contribution of shares of common stock to the defined contribution plan will be made and certain senior employees, principally managing directors who are not profit participating limited partners, will be selected to participate in the defined contribution plan; and
- After the consummation of the offerings, we will make a \$200 million cash contribution to the Goldman Sachs Fund, a charitable foundation. The Goldman Sachs Fund, which has been in existence for over 30 years, is the entity that has historically conducted charitable initiatives for Goldman Sachs. The Goldman Sachs Fund is subject to federal tax rules that prohibit it from engaging in any act of self-dealing or any activities that result in an impermissible benefit to private persons. While the Goldman Sachs Fund has no specific intention to contribute to organizations with which Goldman Sachs' executive officers or directors are affiliated, the Goldman Sachs Fund

may in the future make contributions to educational and other organizations with which Goldman Sachs' directors or executive officers are involved.

Shareholders' Agreement

Persons and Shares Covered

Each profit participating limited partner, other than Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association, and each other person who is or becomes a managing director on the date of the consummation of the offerings or thereafter will be a party to the shareholders' agreement. After the consummation of the offerings, not less than 281,000,000 shares of common stock will be subject to the shareholders' agreement.

The shares covered by the shareholders' agreement will include generally all shares of common stock acquired from Goldman Sachs by a party to the shareholders' agreement, including:

- any shares of common stock received by the managing directors who were profit participating limited partners pursuant to the incorporation transactions, except for certain shares that aggregate less than 140,000 shares;
- any shares of common stock received from the defined contribution plan;
- any shares of common stock received pursuant to the restricted stock units awarded to employees based on a formula, the restricted stock units awarded on a discretionary basis or the options to purchase shares of common stock awarded on a discretionary basis; and
- unless otherwise determined by our board of directors and the Shareholders' Committee referred to below, any shares of common stock received from Goldman Sachs through any other employee compensation, benefit or similar plan.

Shares of common stock purchased in the open market or in a subsequent underwritten public offering will not be subject to the shareholders' agreement. The Shareholders' Committee may also exclude from the application of all or part of the shareholders'

agreement all or any portion of the common stock acquired by a managing director who is a new employee of Goldman Sachs.

Transfer Restrictions

Each party to the shareholders' agreement will agree, among other things, to:

- have beneficial ownership while he or she is a managing director of at least 25% of the cumulative number of his or her shares that are beneficially owned or acquired, and are or become subject to the shareholders' agreement; and
- comply with the underwriters' 180-day lock-up arrangement described under "Underwriting".

The profit participating limited partners, other than Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association, will be subject to additional restrictions on their ability to transfer shares received in connection with the incorporation transactions described under "— Incorporation and Related Transactions — Incorporation Transactions". Under these additional restrictions, each of these persons has agreed that he or she will not transfer any of these shares, other than up to 140,000 shares in the aggregate that will be excluded from these restrictions, until the third anniversary of the date of the consummation of the offerings. These restrictions will lapse in equal installments on each of the third, fourth and fifth anniversaries of the date of the consummation of the offerings.

All transfer restrictions applicable to a party to the shareholders' agreement, except for the underwriters' 180-day lock-up, terminate upon death.

Waivers

Except in the case of a third-party tender or exchange offer, the additional transfer restrictions applicable to profit participating limited partners, other than Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association, may be waived or terminated at any time by the Shareholders' Committee. The Shareholders' Committee also has the power to waive the other transfer restrictions

to permit parties to the shareholders' agreement to:

- participate as sellers in underwritten public offerings of common stock and tender and exchange offers and share repurchase programs by Goldman Sachs;
- transfer shares to charities, including charitable foundations;
- transfer shares held in employee benefit plans; and
- transfer shares in specific transactions (for example, to immediate family members and trusts) or circumstances.

In the case of a third-party tender or exchange offer, all transfer restrictions may be waived or terminated:

- if our board of directors is recommending acceptance or is not making any recommendation with respect to acceptance of the tender or exchange offer, by a majority of the voting interests referred to below; or
- if our board of directors is recommending rejection of the tender or exchange offer, by 66⅔% of the outstanding voting interests referred to below.

In the case of a tender or exchange offer by Goldman Sachs, a majority of the outstanding voting interests may also elect to waive or terminate the transfer restrictions.

In any event, the underwriters' 180-day lock-up may not be waived without the consent of the underwriters.

Voting

Prior to any vote of the shareholders of Goldman Sachs, the shareholders' agreement requires a separate, preliminary vote of the voting interests on each matter upon which a vote of the shareholders is proposed to be taken. Each share subject to the shareholders' agreement will be voted in accordance with the majority of the votes cast by the voting interests in the preliminary vote. In elections of directors, each share subject to the shareholders' agreement will be voted in favor of the election of those persons receiving the highest numbers of votes cast by the voting interests in the preliminary vote. Prior to January 1, 2001, "voting interests" means all shares that are subject to the sharehold-

ers' agreement. Thereafter, "voting interests" means all shares subject to the shareholders' agreement held by all managing directors.

Other Restrictions

The shareholders' agreement also prevents the persons subject to the shareholders' agreement from engaging in the following activities relating to any securities of Goldman Sachs with any person who is not a person subject to the shareholders' agreement or a director or employee of Goldman Sachs:

- participating in a proxy solicitation;
- depositing any shares subject to the shareholders' agreement in a voting trust or subjecting any of these shares to any voting agreement or arrangement;
- forming, joining or in any way participating in a "group"; or
- proposing certain transactions with Goldman Sachs or seeking the removal of any of our directors or any change in the composition of our board of directors.

Term, Amendment and Continuation

The shareholders' agreement is to continue in effect until the earlier of January 1, 2050 and the time it is terminated by the vote of 66⅔% of the outstanding voting interests referred to above. The additional transfer restrictions applicable to profit participating limited partners, other than Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association, will not terminate upon the expiration or termination of the shareholders' agreement unless previously waived or terminated or unless subsequently waived or terminated by our board of directors. The shareholders' agreement may generally be amended at any time by a majority of the outstanding voting interests referred to above.

Unless otherwise terminated, in the event of any transaction in which a third party succeeds to the business of Goldman Sachs and in which persons subject to the shareholders' agreement hold securities of the third party, the shareholders' agreement will remain in full force and effect as to the securities of the third party, and the third party shall succeed to the rights and obliga-

tions of Goldman Sachs under the shareholders' agreement.

Information Regarding the Shareholders' Committee

The terms and provisions of the shareholders' agreement will be administered by the Shareholders' Committee. The Shareholders' Committee will initially consist of the persons subject to the shareholders' agreement who are both employees of Goldman Sachs and members of our board of directors. It is possible that over time all or a majority of the members of the Shareholders' Committee will not be members of our board of directors.

Members of the Shareholders' Committee are entitled to indemnification from Goldman Sachs in their capacities as members of the Shareholders' Committee as described under "Description of Capital Stock — Limitation of Liability and Indemnification Matters".

Voting Agreement

Both Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association have agreed to vote their shares of common stock in the same manner as a majority of the shares of common stock held by the managing directors of Goldman Sachs are voted. The obligations of Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association under the voting agreements are enforceable by The Goldman Sachs Group, Inc. The managing directors will have no right to enforce the voting agreements.

Instrument of Indemnification

In connection with the offerings, Goldman Sachs will enter into an instrument of indemnification. The instrument of indemnification will cover certain former partners of Goldman Sachs, including the managing directors who were profit participating limited partners, each current director and executive officer of Goldman Sachs, the retired limited partners, Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association. Under the instrument of indemnification, in the event any indemnitee is, or is threatened to be, made a party to any action, suit or proceeding by reason of the fact that such indemnitee

was a general or limited partner, shareholder, member, director, officer, employee or agent of The Goldman Sachs Group, L.P. or certain of its affiliates or subsidiaries or is serving or served, at the request of The Goldman Sachs Group, L.P. or certain of its affiliates or subsidiaries, in any of these capacities in another enterprise, Goldman Sachs is, subject to certain exceptions, obligated to indemnify and hold such indemnitee harmless from any losses, damages or expenses incurred by such indemnitee in the action, suit or proceeding. The instrument of indemnification does not duplicate the obligations of Goldman Sachs under the tax indemnification agreement described below. The indemnification obligation of Goldman Sachs under the instrument of indemnification also extends to the indemnification obligations that certain indemnitees, including each current director and executive officer of The Goldman Sachs Group, Inc., may have to other indemnitees.

The instrument of indemnification also provides that Goldman Sachs will, subject to certain exceptions, release each indemnitee from all actions, suits or other claims that The Goldman Sachs Group, L.P. may have had or which Goldman Sachs, as a successor to The Goldman Sachs Group, L.P., may have arising out of an indemnitee's partnership or other interest in The Goldman Sachs Group, L.P. or certain of its affiliates or subsidiaries or arising out of the conduct of such indemnitee while engaged in the conduct of the business of The Goldman Sachs Group, L.P. or its affiliates or subsidiaries.

Director and Officer Indemnification

We will enter into an agreement that provides indemnification to our directors and officers and to the directors and certain officers of the general partner of The Goldman Sachs Group, L.P., members of our Management Committee or our Partnership Committee or the former Executive Committee of The Goldman Sachs Group, L.P. and all other persons requested or authorized by our board of directors or the board of directors of the general partner of The Goldman Sachs Group, L.P. to take actions on behalf of us, The Goldman Sachs Group, L.P. or the general partner of The Goldman Sachs Group,

L.P. in connection with the plan of incorporation, the registration statement and certain other registration statements for all losses, damages, costs and expenses incurred by the indemnified person arising out of the relevant registration statements or the transactions contemplated by the plan of incorporation. This agreement is in addition to our indemnification obligations under our by-laws as described under “Description of Capital Stock — Limitation of Liability and Indemnification Matters”.

Tax Indemnification Agreement and Related Matters

An entity that has historically operated in corporate form generally is liable for any adjustments to the corporation’s taxes for periods prior to its initial public offering. In contrast, the partners of The Goldman Sachs Group, L.P., rather than Goldman Sachs, generally will be liable for adjustments to taxes (including U.S. federal and state income taxes) attributable to the operations of The Goldman Sachs Group, L.P. and its affiliates prior to the offerings. In connection with the offerings, we will enter into a tax indemnification agreement to indemnify certain former limited partners of The Goldman Sachs Group, L.P., including the managing directors who were profit participating limited partners, each current director and executive officer of The Goldman Sachs Group, Inc., the retired limited partners, Sumitomo Bank Capi-

tal Markets, Inc. and Kamehameha Activities Association, against certain increases in each tax indemnitee’s taxes that relate to activities of The Goldman Sachs Group, L.P. or certain of its affiliates in respect of periods prior to the offerings. We will be required to make additional payments to offset any taxes payable by a tax indemnitee in respect of payments made pursuant to the tax indemnification agreement only to the extent the payments made to that tax indemnitee exceed a fixed amount. Any such payment of additional taxes by Goldman Sachs will be offset by any tax benefit received by the tax indemnitee.

The tax indemnification agreement includes provisions that permit Goldman Sachs to control any tax proceeding or contest which might result in Goldman Sachs being required to make a payment under the tax indemnification agreement.

The incorporation transactions described under “— Incorporation and Related Transactions — Incorporation Transactions” are structured in a manner that is not expected to result in a significantly disproportionate tax or other burden to any partner of The Goldman Sachs Group, L.P. If the incorporation transactions were to have a disproportionate effect on any partner, Goldman Sachs may, but is not required to, make special payments and arrangements with any person who incurs a disproportionate tax or other burden.

DESCRIPTION OF CAPITAL STOCK

Pursuant to our amended and restated certificate of incorporation, our authorized capital stock consists of 4,350,000,000 shares, each with a par value of \$0.01 per share, of which:

- 150,000,000 shares are designated as preferred stock;
- 4,000,000,000 shares are designated as common stock, 467,271,909 shares of which will be outstanding as of the consummation of the offerings, including 30,025,946 shares of common stock underlying the restricted stock units awarded based on a formula; and
- 200,000,000 shares are designated as non-voting common stock, 7,440,362 shares of which will be outstanding as of the consummation of the offerings.

All outstanding shares of common stock and nonvoting common stock are, and the shares of common stock offered hereby will be, when issued and sold, validly issued, fully paid and nonassessable.

The shareholders' agreement contains provisions relating to the voting and disposition of certain shares of common stock. See "Certain Relationships and Related Transactions — Shareholders' Agreement" for a discussion of those provisions.

Preferred Stock

Our authorized capital stock includes 150,000,000 shares of preferred stock. Our board of directors is authorized to divide the preferred stock into series and, with respect to each series, to determine the designations and the powers, preferences and rights, and the qualifications, limitations and restrictions thereof, including the dividend rights, conversion or exchange rights, voting rights, redemption rights and terms, liquidation preferences, sinking fund provisions and the number of shares constituting the series. Our board of directors could, without shareholder approval, issue preferred stock with voting and other rights that could adversely affect the voting power of the holders of common

stock and which could have certain anti-takeover effects.

Subject to the rights of the holders of any series of preferred stock, the number of authorized shares of any series of preferred stock may be increased or decreased (but not below the number of shares thereof then outstanding) by resolution adopted by our board of directors and approved by the affirmative vote of the holders of a majority of the voting power of all outstanding shares of capital stock entitled to vote on the matter, voting together as a single class.

Common Stock

Each holder of common stock is entitled to one vote for each share owned of record on all matters submitted to a vote of shareholders. There are no cumulative voting rights. Accordingly, the holders of a majority of the shares of common stock voting for the election of directors can elect all the directors if they choose to do so, subject to any voting rights of holders of preferred stock to elect directors. For a discussion of the ability of the parties to the shareholders' agreement initially to elect all of our directors, see "Risk Factors — Goldman Sachs Will Be Controlled by Its Managing Directors Whose Interests May Differ from Those of Other Shareholders".

Subject to the preferential rights of any holders of any outstanding series of preferred stock, the holders of common stock, together with the holders of the nonvoting common stock, will be entitled to such dividends and distributions, whether payable in cash or otherwise, as may be declared from time to time by our board of directors from legally available funds. Subject to the preferential rights of holders of any outstanding series of preferred stock, upon our liquidation, dissolution or winding-up and after payment of all prior claims, the holders of common stock, with the shares of the common stock and the nonvoting common stock being considered as a single class for this purpose, will be entitled to receive pro rata all our assets. Any dividend in shares of common stock paid on or with respect to shares of common stock may be paid only with shares of common stock.

Other than the shareholder protection rights discussed below, holders of common stock have no redemption or conversion rights or preemptive rights to purchase or subscribe for securities of Goldman Sachs.

Nonvoting Common Stock

The nonvoting common stock will have the same rights and privileges as, and will rank equally and share proportionately with, and be identical in all respects as to all matters to, the common stock, except that the nonvoting common stock will have no voting rights other than those voting rights required by law. All of the outstanding shares of nonvoting common stock will be beneficially owned by Sumitomo Bank Capital Markets, Inc. on the date of the consummation of the offerings.

Our board of directors will not declare or pay dividends, and no dividend will be paid, with respect to any outstanding share of common stock or nonvoting common stock, unless, simultaneously, the same dividend is paid with respect to each share of common stock and nonvoting common stock, except that in the case of any dividend in the form of capital stock of a subsidiary of Goldman Sachs, the capital stock of the subsidiary distributed to holders of common stock may differ from the capital stock of the subsidiary distributed to holders of the nonvoting common stock to the extent and only to the extent that the common stock and the nonvoting common stock differ. Any dividend paid on or with respect to nonvoting common stock may be paid only with shares of nonvoting common stock.

The shares of nonvoting common stock may not be converted into common stock until the 185th day after the date of the consummation of the offerings. Beginning on the 185th day the nonvoting common stock will, upon transfer by Sumitomo Bank Capital Markets, Inc. to a third party, and in certain other circumstances, convert into shares of common stock on a one-for-one basis. The nonvoting common stock has standard anti-dilution provisions.

Shareholder Protection Rights

Each share of common stock and non-voting common stock has attached to it a shareholder protection right. The shareholder protection rights initially are represented only by the certificates for the shares and will not trade separately from the shares unless and until:

- it is announced by Goldman Sachs that a person or group has become the beneficial owner of 15% or more of the outstanding common stock (other than persons deemed to beneficially own common stock solely because they are parties to the shareholders' agreement, members of the Shareholders' Committee or certain other persons) (an "acquiring person"); or
- ten business days (or such later date as our board of directors may fix by resolution) after the date a person or group commences a tender or exchange offer that would result in such person or group becoming an acquiring person.

If and when the shareholder protection rights separate and prior to the date of the announcement by Goldman Sachs that any person has become an acquiring person, each shareholder protection right will entitle the holder to purchase, in the case of shareholder protection rights relating to the common stock, $\frac{1}{100}$ of a share of Series A participating preferred stock or, in the case of shareholder protection rights relating to the nonvoting common stock, $\frac{1}{100}$ of a share of Series B participating preferred stock, in each case, for an exercise price of \$250. Each $\frac{1}{100}$ of a share of Series A participating preferred stock and Series B participating preferred stock would have economic and voting terms equivalent to one share of common stock and nonvoting common stock, respectively.

Upon the date of the announcement by Goldman Sachs that any person or group has become an acquiring person, each shareholder protection right (other than shareholder protection rights beneficially owned by the acquiring person or their transferees, which shareholder protection rights become void) will entitle its holder to purchase, for the exercise price, a number of shares of

common stock or, in the case of shareholder protection rights relating to nonvoting common stock, a number of shares of nonvoting common stock having a market value of twice the exercise price. Also, if, after the date of the announcement by Goldman Sachs that any person has become an acquiring person, the acquiring person controls our board of directors and:

- Goldman Sachs is involved in a merger or similar form of business combination and (i) any term of the transaction provides for different treatment of the shares of capital stock held by the acquiring person as compared to the shares of capital stock held by all other shareholders or (ii) the person with whom such transaction occurs is the acquiring person or an affiliate thereof; or
- Goldman Sachs sells or transfers assets representing more than 50% of its assets or generating more than 50% of its operating income or cash flow to any person other than Goldman Sachs or its wholly owned subsidiaries,

then each shareholder protection right will entitle its holder to purchase, for the exercise price, a number of shares (A) with respect to shareholder protection rights relating to the common stock, of capital stock with the greatest voting power in respect of the election of directors and (B) with respect to shareholder protection rights relating to the nonvoting common stock, of capital stock identical to the stock described in clause (A) except with voting provisions identical to that of the nonvoting common stock, of either the acquiring person or the other party to such transaction, depending on the circumstances of the transaction, having a market value of twice the exercise price. If any person or group acquires from 15% to and including 50% of the common stock, our board of directors may, at its option, exchange each outstanding shareholder protection right, except for those held by an acquiring person or their transferees, for one share of common stock or, in the case of shareholder protection rights relating to nonvoting common stock, one share of nonvoting common stock.

The shareholder protection rights may be redeemed by our board of directors for \$0.01 per shareholder protection right prior to the date of the announcement by Goldman Sachs that any person has become an acquiring person. Our charter permits this redemption right to be exercised by our board of directors (or certain directors specified or qualified by the terms of the instrument governing the shareholder protection rights).

The shareholder protection rights will not prevent a takeover of Goldman Sachs. However, these rights may cause substantial dilution to a person or group that acquires 15% or more of the common stock unless the shareholder protection rights are first redeemed by our board of directors.

Limitation of Liability and Indemnification Matters

Our charter provides that a director of Goldman Sachs will not be liable to Goldman Sachs or its shareholders for monetary damages for breach of fiduciary duty as a director, except in certain cases where liability is mandated by the Delaware General Corporation Law. Our by-laws provide for indemnification, to the fullest extent permitted by law, of any person made or threatened to be made a party to any action, suit or proceeding by reason of the fact that such person is or was a director or officer of Goldman Sachs, or is or was a director of a subsidiary of Goldman Sachs, or is or was a member of the Shareholders' Committee acting under the shareholders' agreement or, at the request of Goldman Sachs, serves or served as a director or officer of or in any other capacity for, or in relation to, any other enterprise, against all expenses, liabilities, losses and claims actually incurred or suffered by such person in connection with the action, suit or proceeding. Our by-laws also provide that, to the extent authorized from time to time by our board of directors, Goldman Sachs may provide to any one or more employees and other agents of Goldman Sachs or any subsidiary or other enterprise, rights of indemnification and to receive payment or reimbursement of expenses, including attorneys' fees, that are similar to the rights conferred by the by-laws

on directors and officers of Goldman Sachs or any subsidiary or other enterprise.

Charter Provisions Approving Certain Actions

Our charter provides that our board of directors may determine to take the following actions, in its sole discretion, and Goldman Sachs and each shareholder of Goldman Sachs will, to the fullest extent permitted by law, be deemed to have approved and ratified, and waived any claim relating to, the taking of any of these actions:

- causing Goldman Sachs to register with the SEC for resale shares of common stock held by our directors, employees and former directors and employees and our subsidiaries and affiliates and former partners and employees of The Goldman Sachs Group, L.P. and its subsidiaries and affiliates as discussed under “Shares Eligible for Future Sale — Other Registration Rights”;
- making payments to, and other arrangements with, certain former limited partners of Goldman Sachs, including managing directors who were profit participating limited partners, in order to compensate them for, or to prevent, significantly disproportionate adverse tax or other consequences as discussed under “Certain Relationships and Related Transactions — Tax Indemnification Agreement and Related Matters”; and
- making a \$200 million contribution to the Goldman Sachs Fund, a charitable foundation.

Section 203 of the Delaware General Corporation Law

Upon the consummation of the offerings, Goldman Sachs will be subject to the provisions of Section 203 of the Delaware General Corporation Law. In general, Section 203 prohibits a publicly held Delaware corporation from engaging in a “business combination” with an “interested stockholder” for a period of three years after the date of the transaction in which the person became an interested stockholder, unless the business combination is approved in a prescribed manner. A “busi-

ness combination” includes a merger, asset sale or a transaction resulting in a financial benefit to the interested stockholder. An “interested stockholder” is a person who, together with affiliates and associates, owns (or, in certain cases, within three years prior, did own) 15% or more of the corporation’s outstanding voting stock. Under Section 203, a business combination between Goldman Sachs and an interested stockholder is prohibited unless it satisfies one of the following conditions:

- prior to the time the stockholder became an interested stockholder, the board of directors of Goldman Sachs must have previously approved either the business combination or the transaction that resulted in the stockholder becoming an interested stockholder;
- on consummation of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of Goldman Sachs outstanding at the time the transaction commenced (excluding, for purposes of determining the number of shares outstanding, shares owned by persons who are directors and officers); or
- the business combination is approved by the board of directors of Goldman Sachs and authorized at an annual or special meeting of the stockholders by the affirmative vote of at least 66⅔% of the outstanding voting stock which is not owned by the interested stockholder.

Our board of directors has adopted a resolution providing that neither the shareholders’ agreement nor the voting agreements of Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association will create an “interested stockholder”.

Certain Anti-Takeover Matters

Our charter and by-laws will, upon consummation of the offerings, include a number of provisions that may have the effect of encouraging persons considering unsolicited tender offers or other unilateral takeover proposals to negotiate with our board of directors

rather than pursue non-negotiated takeover attempts. These provisions include:

Classified Board of Directors

Our charter will provide for a board of directors divided into three classes, with one class to be elected each year to serve for a three-year term. The terms of the initial classes of directors will terminate on the date of the annual meetings of shareholders in 2000, 2001 and 2002. As a result, at least two annual meetings of shareholders may be required for the shareholders to change a majority of our board of directors. In addition, the shareholders of Goldman Sachs can only remove directors for cause by the affirmative vote of the holders of not less than 80% of the outstanding shares of capital stock of Goldman Sachs entitled to vote in the election of directors. Vacancies on our board of directors may be filled only by our board of directors. The classification of directors and the inability of shareholders to remove directors without cause and to fill vacancies on the board of directors will make it more difficult to change the composition of our board of directors, but will promote a continuity of existing management.

Constituency Provision

In accordance with our charter, a director of Goldman Sachs may (but is not required to) in taking any action (including an action that may involve or relate to a change or potential change in control of Goldman Sachs) consider, among other things, the effects that Goldman Sachs' actions may have on other interests or persons (including its employees, former partners of The Goldman Sachs Group, L.P. and the community) in addition to our shareholders.

Advance Notice Requirements

Our by-laws establish advance notice procedures with regard to shareholder proposals relating to the nomination of candidates for election as directors or new business to be brought before meetings of shareholders of Goldman Sachs. These procedures provide that notice of such shareholder proposals must be timely given in writing to the Secretary of Goldman Sachs

prior to the meeting at which the action is to be taken. Generally, to be timely, notice must be received at the principal executive offices of Goldman Sachs not less than 90 days nor more than 120 days prior to the first anniversary date of the annual meeting for the preceding year. The notice must contain certain information specified in the by-laws.

Special Meetings of Shareholders

Our charter and by-laws deny shareholders the right to call a special meeting of shareholders. Our charter and by-laws provide that special meetings of the shareholders may be called only by a majority of the board of directors.

No Written Consent of Shareholders

Our charter requires all shareholder actions to be taken by a vote of the shareholders at an annual or special meeting, and does not permit our shareholders to act by written consent, without a meeting.

Majority Vote Needed for Shareholder Proposals

Our by-laws require that any shareholder proposal be approved by a majority of all of the outstanding shares of common stock and not by only a majority of the shares present at the meeting and entitled to vote. This requirement may make it more difficult to approve shareholder resolutions.

Amendment of By-Laws and Charter

Our charter requires the approval of not less than 80% of the voting power of all outstanding shares of Goldman Sachs' capital stock entitled to vote to amend any by-law by shareholder action or the charter provisions described in this section. Those provisions will make it more difficult to dilute the anti-takeover effects of our by-laws and our charter.

Blank Check Preferred Stock

Our charter provides for 150,000,000 authorized shares of preferred stock. The existence of authorized but unissued shares of preferred stock may enable the board of directors to render more difficult or to dis-

courage an attempt to obtain control of Goldman Sachs by means of a merger, tender offer, proxy contest or otherwise. For example, if in the due exercise of its fiduciary obligations, the board of directors were to determine that a takeover proposal is not in the best interests of Goldman Sachs, the board of directors could cause shares of preferred stock to be issued without shareholder approval in one or more private offerings or other transactions that might dilute the voting or other rights of the proposed acquiror or insurgent shareholder or shareholder group. In this regard, the charter grants our board of directors broad power to establish the rights and preferences of authorized and unissued shares of preferred stock. The issuance of shares of preferred stock could decrease the amount of earnings and assets available for distribution to holders of

shares of common stock and nonvoting common stock. The issuance may also adversely affect the rights and powers, including voting rights, of such holders and may have the effect of delaying, deterring or preventing a change in control of Goldman Sachs. The board of directors currently does not intend to seek shareholder approval prior to any issuance of shares of preferred stock, unless otherwise required by law.

Listing

We will list the common stock on the NYSE.

Transfer Agent

The transfer agent for the common stock will be ChaseMellon Shareholder Services, L.L.C.

SHARES ELIGIBLE FOR FUTURE SALE

Prior to the offerings, there has been no public market for our common stock. Future sales of substantial amounts of common stock in the public market, or the perception that such sales may occur, could adversely affect the prevailing market price of the common stock. Upon completion of the offerings, there will be 467,271,909 shares of common stock outstanding, including 30,025,946 shares of common stock underlying the restricted stock units awarded based on a formula but excluding 7,440,362 shares of nonvoting common stock. Of these shares, 69,000,000 shares of common stock sold in the offerings will be freely transferable without restriction or further registration under the Securities Act of 1933. Of the remaining 398,271,909 shares of common stock outstanding:

- 264,882,840 shares held by the managing directors who were profit participating limited partners will not be transferable until on or after the third anniversary of the date of the consummation of the offerings, unless these restrictions are waived, and will also be subject to the underwriters' lock-up described below. See "Certain Relationships and Related Transactions — Shareholders' Agreement";
- 21,425,052 shares will be held by Sumitomo Bank Capital Markets, Inc. and, together with the 7,440,362 shares of nonvoting common stock that it will hold, will be transferable only as described under "— Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association Registration Rights", unless these restrictions are waived by our board of directors. All of these shares will also be subject to the underwriters' lock-up described below;
- 21,975,421 shares will be held by Kamehameha Activities Association and will be transferable only as described under "— Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association Registration Rights", unless these restrictions are waived by our board of directors. All of these shares will also be subject to the underwriters' lock-up described below;
- 47,270,551 shares will be held by the retired limited partners, of which 101,878 shares will be subject only to the underwriters' lock-up described below, 31,099,839 shares will be transferable beginning one year after the date of the consummation of the offerings, and the remainder of which will be transferrable beginning three years after the date of the consummation of the offerings, unless these restrictions are waived. All of these shares are also subject to the underwriters' lock-up described below;
- 12,555,866 shares held by the defined contribution plan will not be distributable to the plan participants until on or about the third, fourth and fifth anniversaries of the date of the initial contribution, assuming the relevant conditions have been satisfied. See "Management — The Employee Initial Public Offering Awards" for a description of the defined contribution plan;
- 30,025,946 shares of common stock underlying the restricted stock units awarded based on a formula generally will be deliverable beginning on or about the first anniversary of the date of the consummation of the offerings, assuming the relevant conditions are satisfied, as described in "Management — The Employee Initial Public Offering Awards — Formula Awards"; and
- 136,233 shares of common stock held by the managing directors who were profit participating limited partners will be subject to the underwriters' lock-up described below and will be eligible for resale pursuant to Rule 144 after one year as described below.

Shares of common stock underlying the restricted stock units awarded on a discretionary basis will be deliverable beginning on or about the third anniversary of the date of the consummation of the offerings, assuming the relevant conditions have been satisfied. The options to purchase shares of common stock awarded on a discretionary basis will be exercisable beginning on or about the third anniversary of the date of the consummation

of the offerings, assuming the relevant conditions have been satisfied. See “Management—The Employee Initial Public Offering Awards” for a discussion of the terms of the restricted stock units awarded based on a formula, the restricted stock units awarded on a discretionary basis and the options to purchase shares of common stock awarded on a discretionary basis.

Goldman Sachs, Sumitomo Bank Capital Markets, Inc., Kamehameha Activities Association, the parties to the shareholders’ agreement, including all of the directors and executive officers of The Goldman Sachs Group, Inc., and the retired limited partners have agreed not to dispose of or hedge any of their common stock or securities convertible into or exchangeable for shares of common stock during the period from the date of this prospectus continuing through the date 180 days after the date of this prospectus, except with the prior written consent of Goldman, Sachs & Co. This agreement does not apply to the shares of common stock underlying any of the restricted stock units awarded based on a formula, or the restricted stock units awarded on a discretionary basis, the options to purchase shares of common stock awarded on a discretionary basis or accounts in the defined contribution plan, in each case, received by non-managing directors or to any future awards made under the stock incentive plan.

We intend to file a registration statement with the SEC in order to register the reoffer and resale of the shares of common stock issued pursuant to the defined contribution plan, restricted stock units awarded based on a formula, restricted stock units awarded on a discretionary basis and options to purchase shares of common stock awarded on a discretionary basis. As a result, any shares of common stock delivered under these awards will, subject to any restrictions under the shareholders’ agreement, be freely transferable to the public unless the shares of common stock are acquired by an “affiliate” of Goldman Sachs. Any shares of common stock acquired by an “affiliate” of Goldman Sachs will be transferable to the public in accordance with the SEC’s Rule 144.

The shares of common stock received by the managing directors who were profit participating limited partners, Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association will constitute “restricted securities” for purposes of the Securities Act of 1933. As a result, absent registration under the Securities Act of 1933 or compliance with Rule 144 thereunder or an exemption therefrom, these shares of common stock will not be freely transferable to the public. For a description of the registration rights granted to Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association and the restrictions on the transfer of their shares of common stock, see “— Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association Registration Rights” below and for a description of the registration rights that may be granted to the managing directors who were profit participating limited partners, see “— Other Registration Rights” below.

In general, under Rule 144 as currently in effect, a person (or persons whose shares are aggregated), including an affiliate, who beneficially owns “restricted securities” may not sell those securities until they have been beneficially owned for at least one year. Thereafter, the person would be entitled to sell within any three-month period a number of shares that does not exceed the greater of:

- 1% of the number of shares of common stock then outstanding (which will equal approximately 4,372,460 shares immediately after the offerings); or
- the average weekly trading volume of the common stock on the NYSE during the four calendar weeks preceding the filing with the SEC of a notice on the SEC’s Form 144 with respect to such sale.

Sales under Rule 144 are also subject to certain other requirements regarding the manner of sale, notice and availability of current public information about Goldman Sachs.

Under Rule 144(k), a person who is not, and has not been at any time during the 90 days preceding a sale, an affiliate of Goldman Sachs and who has beneficially owned the shares proposed to be sold for at least two years (including the holding period

of any prior owner except an affiliate) is entitled to sell such shares without complying with the manner of sale, public information, volume limitation or notice provisions of Rule 144. While the shares of common stock received by the retired limited partners will constitute "restricted securities", these shares will be freely transferable by the retired limited partners in accordance with Rule 144(k) upon the lapse or waiver of the transfer restrictions described above.

Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association Registration Rights

Goldman Sachs is a party to agreements with Sumitomo Bank Capital Markets, Inc. and The Sumitomo Bank, Limited under which Sumitomo Bank Capital Markets, Inc. and The Sumitomo Bank, Limited may require Goldman Sachs to register under the Securities Act of 1933 certain of Sumitomo Bank Capital Markets, Inc.'s shares of common stock, which includes shares of common stock receivable upon the conversion of the nonvoting common stock. Goldman Sachs is a party to similar agreements with Kamehameha Activities Association.

Except for certain transfers to wholly owned subsidiaries, each registration rights holder has agreed that it will only dispose of common stock (i) by means of a widely dispersed underwritten public offering and (ii) pursuant to the exercise of the registration rights set forth below.

Each registration rights holder has the right:

- on up to ten occasions (but not more than twice every 12 months) to require Goldman Sachs to register shares of common stock under the Securities Act of 1933; and
- to include its shares of common stock in any registered public offering in which the managing directors participate.

Prior to the first anniversary of the date of the consummation of the offerings, the registration rights holders are not permitted to transfer shares of common stock or nonvoting common stock. Between the first and third anniversaries of the date of the consumma-

tion of the offerings, each registration rights holder may use its available registration rights described above to sell:

- In each 12-month period following the first and second anniversary of the date of the consummation of the offerings, up to 20% of the shares of common stock received by such registration rights holder in the incorporation transactions (such holder's "original block"); and
- With the consent of Goldman Sachs, common stock constituting up to an additional 13 $\frac{1}{3}$ % of such holder's original block.

In each 12-month period following the third anniversary of the date of the consummation of the offerings, each registration rights holder may use its available registration rights described above to sell common stock constituting up to 33 $\frac{1}{3}$ % of its original block.

These rights are not available for nonvoting common stock.

In addition to the rights described above, each registration rights holder will also be entitled to sell additional shares of common stock to the extent that managing directors who were profit participating limited partners sell shares of common stock in an amount which in any one year period following the offerings represents, in the aggregate, a greater percentage of the number of shares of common stock issued to these managing directors in the incorporation transactions than the percentages specified above (*i.e.*, 0% during year one, 20% during years two and three, and 33 $\frac{1}{3}$ % thereafter). The exercise by the registration rights holders of their respective rights under their registration rights agreement may, if we determine that such exercise would interfere with a public offering by us, be delayed by us for up to 90 days.

Goldman Sachs has agreed to bear certain customary expenses associated with the offering of common stock by Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association. Thereafter, the registration rights agreements provide that the expenses of an offering of common stock are generally the responsibility of each participating registration rights holder selling common stock, apportioned on a pro rata basis. Under the

registration rights agreements, Goldman Sachs has agreed to indemnify each participating registration rights holder against certain liabilities, including those arising under the Securities Act of 1933.

The registration rights agreements also provide that if Goldman Sachs makes a general offer to purchase shares of common stock held by the managing directors who were profit participating limited partners, then a registration rights holder will be permitted to participate in such transaction on a pro rata basis with these managing directors. In addition, a registration rights holder may tender its shares of common stock in any tender or exchange offer recommended for approval by our board of directors (or as to which our board of directors makes no recommendation).

Other Registration Rights

The managing directors who were profit participating limited partners are not being granted the right to require Goldman Sachs to register the shares of common stock that they

received in connection with the incorporation transactions under the Securities Act of 1933. However, the plan of incorporation and our charter permit our board of directors to grant registration rights to these managing directors. As a result, the board of directors may at any time and from time to time grant registration rights to these managing directors.

The ability of our board of directors to grant registration rights to the managing directors who were profit participating limited partners, together with the ability of the Shareholders' Committee under the shareholders' agreement to waive the transfer restrictions related to the managing directors who were profit participating limited partners thereunder and under the plan of incorporation, could, if exercised, permit these managing directors to sell significant amounts of common stock at any time following the expiration of the underwriters' lock-up. See "Risk Factors — Our Share Price May Decline Due to the Large Number of Shares Eligible for Future Sale" for a further discussion of the risks associated with these actions.

VALIDITY OF COMMON STOCK

The validity of the common stock offered hereby will be passed upon for The Goldman Sachs Group, Inc. by Sullivan & Cromwell, New York, New York, and for the underwriters by Cleary, Gottlieb, Steen & Hamilton, New York, New York. Certain legal matters will be passed upon for The Goldman Sachs Group, Inc. by one of its General Counsel, Robert J. Katz or

Gregory K. Palm. Sullivan & Cromwell has in the past represented, and continues to represent, one or more of the underwriters and their affiliates in a variety of matters. Cleary, Gottlieb, Steen & Hamilton has in the past represented, and continues to represent, Goldman Sachs in a variety of matters.

EXPERTS

The financial statements of Goldman Sachs as of November 28, 1997 and November 27, 1998 and for each of the three years in the period ended November 27, 1998 included in this prospectus and the financial statement schedule included in the registration statement have been so included in reliance on the report of PricewaterhouseCoopers LLP, independent accountants, given on the authority of said firm as experts in auditing and accounting.

The historical consolidated income statement data and balance sheet data set forth in "Selected Consolidated Financial Data" for each of the five years in the period ended November 27, 1998 included in this prospectus have been so included in reliance on the report of PricewaterhouseCoopers LLP, independent accountants, given on the authority of said firm as experts in auditing and accounting.

The Pro Forma Consolidated Income Statement Information for the year ended

November 27, 1998 included in this prospectus has been so included in reliance on the report of PricewaterhouseCoopers LLP, independent accountants, on their examination of the Pro Forma Adjustments as described in Note 2 to the Pro Forma Consolidated Financial Information, and the application of those adjustments to the historical amounts in the Pro Forma Consolidated Income Statement Information for the year ended November 27, 1998, given on the authority of said firm as experts in performing examinations of pro forma financial information in accordance with standards established by the American Institute of Certified Public Accountants.

The information under the caption “Management’s Discussion and Analysis of Financial Condition and Results of Operations”, except for the (i) information presented under the headings “VaR” or “VaR Methodology, Assumptions and Limitations” and (ii) information for the three months ended February 26, 1999 and February 27, 1998, taken as a whole, of Goldman Sachs for the three-year period ended November 27, 1998 included in this prospectus has been so included in reliance on the report of PricewaterhouseCoopers LLP, independent accountants, given on the authority of said firm as experts in performing examinations of management’s discussion and analysis of financial condition and results of operations in accordance with standards established by the American Institute of Certified Public Accountants.

With respect to the unaudited condensed consolidated financial statements of Goldman Sachs as of and for the three months ended February 26, 1999 and for the three months ended February 27, 1998, and the unaudited consolidated pro forma balance sheet information as of February 26, 1999 and the related unaudited consolidated pro forma income statement information for the three months then ended, included in this prospec-

tus, PricewaterhouseCoopers LLP reported that they have applied limited procedures in accordance with professional standards for a review of such information. However, their separate reports dated April 9, 1999 with respect to the unaudited condensed consolidated financial statements of Goldman Sachs as of and for the three months ended February 26, 1999 and for the three months ended February 27, 1998, and May 3, 1999 with respect to the unaudited pro forma consolidated balance sheet information as of February 26, 1999 and the related unaudited pro forma consolidated income statement information for the three months then ended, appearing herein state that they did not audit and they do not express an opinion on the unaudited historical financial information or the unaudited pro forma financial information. Accordingly, the degree of reliance on their reports on such information should be restricted in light of the limited nature of the review procedures applied. PricewaterhouseCoopers LLP is not subject to the liability provisions of Section 11 of the Securities Act of 1933 for their reports on the unaudited historical financial information and on the unaudited pro forma financial information because those reports are not a “report” or a “part” of the registration statement prepared or certified by PricewaterhouseCoopers LLP within the meaning of Sections 7 and 11 of the Securities Act of 1933.

Except as otherwise indicated, all amounts with respect to the volume, number and market share of mergers and acquisitions and underwriting transactions and related ranking information included in this prospectus have been derived from information compiled and classified by Securities Data Company and have been so included in reliance on Securities Data Company’s authority as experts in compiling and classifying information as to securities transactions.

AVAILABLE INFORMATION

Upon the consummation of the offerings, Goldman Sachs will be required to file annual, quarterly and current reports, proxy statements and other information with the SEC. You may read and copy any documents filed by us at the SEC's public reference room at 450 Fifth Street, N.W., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the public reference room. Our filings with the SEC are also available to the public through the SEC's Internet site at <http://www.sec.gov> and through the NYSE, 20 Broad Street, New York, New York 10005, on which our common stock is listed. After the offerings, we expect to provide annual reports to our shareholders

that include financial information reported on by our independent public accountants.

We have filed a registration statement on Form S-1 with the SEC. This prospectus is a part of the registration statement and does not contain all of the information in the registration statement. Whenever a reference is made in this prospectus to a contract or other document of Goldman Sachs, please be aware that such reference is not necessarily complete and that you should refer to the exhibits that are a part of the registration statement for a copy of the contract or other document. You may review a copy of the registration statement at the SEC's public reference room in Washington, D.C., as well as through the SEC's Internet site.

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REPORT OF INDEPENDENT ACCOUNTANTS

To the Partners,
The Goldman Sachs Group, L.P.:

In our opinion, the accompanying consolidated statements of financial condition and the related consolidated statements of earnings, changes in partners' capital and cash flows (included on pages F-3 to F-23 of this prospectus) present fairly, in all material respects, the consolidated financial position of The Goldman Sachs Group, L.P. and Subsidiaries (the "Firm") as of November 27, 1998 and November 28, 1997, and the results of their consolidated operations and their consolidated cash flows for the three years in the period ended November 27, 1998, in conformity with generally accepted accounting principles. These financial statements are the responsibility of the Firm's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with generally accepted auditing standards, which require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

We have also previously audited, in accordance with generally accepted auditing standards, the consolidated statements of financial condition as of November 29, 1996, November 24, 1995 and November 25, 1994, and the related consolidated statements of earnings, changes in partners' capital and cash flows for the years ended November 24, 1995 and November 25, 1994 (none of which are presented herein); and we expressed unqualified opinions on those consolidated financial statements. In our opinion, the information set forth in the selected historical consolidated income statement and balance sheet data for each of the five years in the period ended November 27, 1998 (included on pages 34 and 35 of this prospectus) is fairly stated, in all material respects, in relation to the consolidated financial statements from which it has been derived.

PricewaterhouseCoopers LLP

New York, New York
January 22, 1999.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES

CONSOLIDATED STATEMENTS OF EARNINGS

	Year Ended November		
	<u>1996</u>	<u>1997</u>	<u>1998</u>
		(in millions)	
Revenues:			
Investment banking	\$ 2,113	\$ 2,587	\$ 3,368
Trading and principal investments	2,496	2,303	2,015
Asset management and securities services	981	1,456	2,085
Interest income	<u>11,699</u>	<u>14,087</u>	<u>15,010</u>
Total revenues	17,289	20,433	22,478
Interest expense, principally on short-term funding	<u>11,160</u>	<u>12,986</u>	<u>13,958</u>
Revenues, net of interest expense	6,129	7,447	8,520
Operating expenses:			
Compensation and benefits	2,421	3,097	3,838
Brokerage, clearing and exchange fees	278	357	424
Market development	137	206	287
Communications and technology	173	208	265
Depreciation and amortization	172	178	242
Occupancy	154	168	207
Professional services and other	<u>188</u>	<u>219</u>	<u>336</u>
Total operating expenses	3,523	4,433	5,599
Pre-tax earnings	2,606	3,014	2,921
Provision for taxes	<u>207</u>	<u>268</u>	<u>493</u>
Net earnings	<u>\$ 2,399</u>	<u>\$ 2,746</u>	<u>\$ 2,428</u>

The accompanying notes are an integral part of these consolidated financial statements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
CONSOLIDATED STATEMENTS OF FINANCIAL CONDITION

	As of November	
	1997	1998
	(in millions)	
Assets:		
Cash and cash equivalents	\$ 1,328	\$ 2,836
Cash and securities segregated in compliance with U.S. federal and other regulations (principally U.S. government obligations)	4,903	7,887
Receivables from brokers, dealers and clearing organizations	3,754	4,321
Receivables from customers and counterparties	10,060	14,953
Securities borrowed	51,058	69,158
Securities purchased under agreements to resell	39,376	37,484
Right to receive securities	—	7,564
Financial instruments owned, at fair value:		
Commercial paper, certificates of deposit and time deposits	1,477	1,382
U.S. government, federal agency and sovereign obligations	25,736	24,789
Corporate debt	11,321	10,744
Equities and convertible debentures	11,870	11,066
State, municipal and provincial obligations	1,105	918
Derivative contracts	13,788	21,299
Physical commodities	1,092	481
Other assets	1,533	2,498
	<u>\$178,401</u>	<u>\$217,380</u>
Liabilities and Net Worth:		
Short-term borrowings, including commercial paper	\$ 21,008	\$ 27,430
Payables to brokers, dealers and clearing organizations	952	730
Payables to customers and counterparties	22,995	36,179
Securities loaned	17,627	21,117
Securities sold under agreements to repurchase	44,057	36,257
Obligation to return securities	—	9,783
Financial instruments sold, but not yet purchased, at fair value:		
U.S. government, federal agency and sovereign obligations	22,371	22,360
Corporate debt	1,708	1,441
Equities and convertible debentures	6,357	6,406
Derivative contracts	15,964	24,722
Physical commodities	78	966
Other liabilities and accrued expenses	3,080	3,699
Long-term borrowings	15,667	19,906
	<u>171,864</u>	<u>210,996</u>
Commitments and contingencies		
Partners' capital allocated for income taxes and potential withdrawals . . .	430	74
Partners' capital	6,107	6,310
	<u>\$178,401</u>	<u>\$217,380</u>

The accompanying notes are an integral part of these consolidated financial statements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN PARTNERS' CAPITAL

	<u>Year Ended November</u>		
	<u>1996</u>	<u>1997</u>	<u>1998</u>
Partners' capital, beginning of year	\$ 4,905	\$ 5,309	\$ 6,107
Additions:		(in millions)	
Net earnings	2,399	2,746	2,428
Capital contributions	<u>4</u>	<u>89</u>	<u>9</u>
Total additions	2,403	2,835	2,437
Deductions:			
Returns on capital and certain distributions to partners	(473)	(557)	(619)
Termination of the Profit Participation Plans	—	—	(368)
Transfers to partners' capital allocated for income taxes and potential withdrawals, net	<u>(1,526)</u>	<u>(1,480)</u>	<u>(1,247)</u>
Total deductions	<u>(1,999)</u>	<u>(2,037)</u>	<u>(2,234)</u>
Partners' capital, end of year	<u>\$ 5,309</u>	<u>\$ 6,107</u>	<u>\$ 6,310</u>

The accompanying notes are an integral part of these consolidated financial statements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS

	Year Ended November		
	1996	1997	1998
	(in millions)		
Cash flows from operating activities:			
Net earnings	\$ 2,399	\$ 2,746	\$ 2,428
Non-cash items included in net earnings:			
Depreciation and amortization	172	178	242
Deferred income taxes	85	32	23
Changes in operating assets and liabilities:			
Cash and securities segregated in compliance with U.S. federal and other regulations	(1,445)	(670)	(2,984)
Net receivables from brokers, dealers and clearing organizations	169	(1,599)	(789)
Net payables to customers and counterparties	4,279	2,339	8,116
Securities borrowed, net	(17,075)	(8,124)	(14,610)
Financial instruments owned, at fair value	(9,415)	(7,439)	148
Financial instruments sold, but not yet purchased, at fair value	5,276	11,702	7,559
Other, net	926	905	(71)
Net cash (used for) / provided by operating activities	(14,629)	70	62
Cash flows from investing activities:			
Property, leasehold improvements and equipment	(258)	(259)	(476)
Financial instruments owned, at fair value	115	(360)	(180)
Acquisitions, net of cash acquired	(75)	(74)	—
Net cash used for investing activities	(218)	(693)	(656)
Cash flows from financing activities:			
Short-term borrowings, net	391	1,082	2,193
Securities sold under agreements to repurchase, net	16,012	(4,717)	(5,909)
Issuance of long-term borrowings	5,172	7,734	10,527
Repayment of long-term borrowings	(3,986)	(1,855)	(2,058)
Capital contributions	4	89	9
Returns on capital and certain distributions to partners	(473)	(557)	(619)
Termination of the Profit Participation Plans	—	—	(368)
Partners' capital allocated for income taxes and potential withdrawals	(1,017)	(2,034)	(1,673)
Net cash provided by / (used for) financing activities	16,103	(258)	2,102
Net increase / (decrease) in cash and cash equivalents	1,256	(881)	1,508
Cash and cash equivalents, beginning of year	953	2,209	1,328
Cash and cash equivalents, end of year	\$ 2,209	\$ 1,328	\$ 2,836

Supplemental disclosures:

Cash payments for interest approximated the related expense for each of the fiscal periods presented. Payments of income taxes were not material.

A zero coupon bond of \$32 million representing a portion of the acquisition price of CIN Management Limited was recorded on the consolidated statement of financial condition as of November 1996 and was excluded from the consolidated statement of cash flows as it represented a non-cash item.

An increase in total assets and liabilities of \$11.64 billion related to the provisions of SFAS No. 125 that were deferred under SFAS No. 127 was excluded from the consolidated statement of cash flows for the year ended November 1998 as it represented a non-cash item.

The accompanying notes are an integral part of these consolidated financial statements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Note 1. Description of Business

The Goldman Sachs Group, L.P., a Delaware limited partnership (“Group L.P.”), together with its consolidated subsidiaries (collectively, the “Firm”), is a global investment banking and securities firm that provides a wide range of services worldwide to a substantial and diversified client base.

The Firm’s activities are divided into three principal business lines:

- Investment Banking, which includes financial advisory services and underwriting;
- Trading and Principal Investments, which includes fixed income, currency and commodities (“FICC”), equities and principal investments (principal investments reflect primarily the Firm’s investments in its merchant banking funds); and
- Asset Management and Securities Services, which includes asset management, securities services and commissions.

Note 2. Significant Accounting Policies

Basis of Presentation

The consolidated financial statements include the accounts of Group L.P. and its U.S. and international subsidiaries including Goldman, Sachs & Co. (“GS&Co.”) and J. Aron & Company in New York, Goldman Sachs International (“GSI”) in London and Goldman Sachs (Japan) Ltd. (“GSJL”) in Tokyo. Certain reclassifications have been made to prior year amounts to conform to the current presentation.

These consolidated financial statements have been prepared in accordance with generally accepted accounting principles that require management to make estimates and assumptions regarding trading inventory valuations, partner retirements, the outcome of pending litigation and other matters that affect the consolidated financial statements and related disclosures. These estimates and assumptions are based on judgment and available information and, consequently, actual results could be materially different from these estimates.

Unless otherwise stated herein, all references to 1996, 1997 and 1998 refer to the Firm’s fiscal year ended, or the date, as the context requires, November 29, 1996, November 28, 1997 and November 27, 1998, respectively.

Cash and Cash Equivalents

The Firm defines cash equivalents as highly liquid overnight deposits held in the ordinary course of business.

Repurchase Agreements and Collateralized Financing Arrangements

Securities purchased under agreements to resell and securities sold under agreements to repurchase, principally U.S. government, federal agency and investment-grade foreign sovereign obligations, represent short-term collateralized financing transactions and are carried at their contractual amounts plus accrued interest. These amounts are presented on a net-by-counterparty basis, where management believes a legal right of setoff exists under an enforceable master netting agreement. The Firm takes possession of securities purchased under agreements to resell, monitors the market value of the underlying securities on a daily basis and obtains additional collateral as appropriate.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Securities borrowed and loaned are recorded on the statements of financial condition based on the amount of cash collateral advanced or received. These transactions are generally collateralized by either cash, securities or letters of credit. The Firm takes possession of securities borrowed, monitors the market value of securities loaned and obtains additional collateral as appropriate. Income or expense is recognized as interest over the life of the transaction.

Financial Instruments

Gains and losses on financial instruments and commission income and related expenses are recorded on a trade date basis in the consolidated statements of earnings. For purposes of the consolidated statements of financial condition only, purchases and sales of financial instruments, including agency transactions, are generally recorded on a settlement date basis. Recording such transactions on a trade date basis would not result in a material adjustment to the consolidated statements of financial condition.

Substantially all financial instruments used in the Firm's trading and non-trading activities are carried at fair value or amounts that approximate fair value and unrealized gains and losses are recognized in earnings. Fair value is based generally on listed market prices or broker or dealer price quotations. To the extent that prices are not readily available, fair value is based on either internal valuation models or management's estimate of amounts that could be realized under current market conditions, assuming an orderly liquidation over a reasonable period of time. Certain over-the-counter ("OTC") derivative instruments are valued using pricing models that consider, among other factors, current and contractual market prices, time value, and yield curve and/or volatility factors of the underlying positions. The fair value of the Firm's trading and non-trading assets and liabilities is discussed further in Notes 3, 4 and 5.

Principal Investments

Principal investments are carried at fair value, generally as evidenced by quoted market prices or by comparable substantial third-party transactions. Where fair value is not readily ascertainable, principal investments are recorded at cost or management's estimate of the realizable value.

The Firm is entitled to receive merchant banking overrides (*i.e.*, an increased share of a fund's income and gains) when the return on the fund's investments exceeds certain threshold returns. Overrides are based on investment performance over the life of each merchant banking fund, and future investment underperformance may require amounts previously distributed to the Firm to be returned to the funds. Accordingly, overrides are recognized in earnings only when management determines that the probability of return is remote. Overrides are included in "Asset Management and Securities Services" on the consolidated statements of earnings.

Derivative Contracts

Derivatives used for trading purposes are reported at fair value and are included in "Derivative contracts" on the consolidated statements of financial condition. Gains and losses on derivatives used for trading purposes are included in "Trading and Principal Investments" on the consolidated statements of earnings.

Derivatives used for non-trading purposes include interest rate futures contracts and interest rate and currency swap agreements, which are primarily utilized to convert a substantial portion of the Firm's fixed rate debt into U.S. dollar-based floating rate obligations. Gains and losses on

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

these transactions are generally deferred and recognized as adjustments to interest expense over the life of the derivative contract. Gains and losses resulting from the early termination of derivatives used for non-trading purposes are generally deferred and recognized over the remaining life of the underlying debt. If the underlying debt is terminated prior to its stated maturity, gains and losses on these transactions, including the associated hedges, are recognized in earnings immediately.

Derivatives are reported on a net-by-counterparty basis on the consolidated statements of financial condition where management believes a legal right of setoff exists under an enforceable master netting agreement.

Property, Leasehold Improvements and Equipment

Depreciation and amortization generally are computed using accelerated cost recovery methods for all property and equipment and for leasehold improvements where the term of the lease is greater than the economic useful life of the asset. All other leasehold improvements are amortized on a straight-line basis over the term of the lease.

Goodwill

The cost of acquired companies in excess of the fair value of net assets acquired at acquisition date is recorded as goodwill and amortized over periods of 15 to 25 years on a straight-line basis.

Provision for Taxes

The Firm accounts for income taxes incurred by its corporate subsidiaries in accordance with Statement of Financial Accounting Standards (“SFAS”) No. 109, “Accounting for Income Taxes”. The consolidated statements of earnings for the periods presented include a provision for, or benefit from, income taxes on income earned, or losses incurred, by Group L.P. and its subsidiaries including a provision for, or benefit from, unincorporated business tax on income earned, or losses incurred, by Group L.P. and its subsidiaries conducting business in New York City. No additional income tax provision is required in the consolidated statements of earnings because Group L.P. is a partnership and the remaining tax effects accrue directly to its partners.

Foreign Currency Translation

Assets and liabilities of subsidiaries whose functional currency is other than the U.S. dollar are translated using currency exchange rates prevailing at the end of the period presented, while revenues and expenses are translated using average exchange rates during the period. Gains or losses resulting from the translation of foreign currency financial statements are recorded as cumulative translation adjustments, and are included as a component of “Partners’ capital allocated for income taxes and potential withdrawals” on the consolidated statements of financial condition. Gains or losses resulting from foreign exchange transactions are recorded in earnings.

Investment Banking

Underwriting revenues and fees from mergers and acquisitions and other corporate finance advisory assignments are recorded when the underlying transaction is completed under the terms of the engagement. Syndicate expenses related to securities offerings in which the Firm acts as an underwriter or agent are deferred until the related revenue is recognized.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Accounting Developments

In June 1996, the Financial Accounting Standards Board (“FASB”) issued SFAS No. 125, “Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities”, effective for transactions occurring after December 31, 1996. SFAS No. 125 establishes standards for distinguishing transfers of financial assets that are accounted for as sales from transfers that are accounted for as secured borrowings.

The provisions of SFAS No. 125 relating to repurchase agreements, securities lending transactions and other similar transactions were deferred by the provisions of SFAS No. 127, “Deferral of the Effective Date of Certain Provisions of FASB Statement No. 125”, and became effective for transactions entered into after December 31, 1997. This Statement requires that the collateral obtained in certain types of secured lending transactions be recorded on the balance sheet with a corresponding liability reflecting the obligation to return such collateral to its owner. Effective January 1, 1998, the Firm adopted the provisions of SFAS No. 125 that were deferred by SFAS No. 127. The adoption of this standard increased the Firm’s total assets and liabilities by \$11.64 billion as of November 1998.

In February 1997, the FASB issued SFAS No. 128, “Earnings Per Share” (“EPS”), effective for periods ending after December 15, 1997, with restatement required for all prior periods. SFAS No. 128 establishes new standards for computing and presenting EPS. This Statement replaces primary and fully diluted EPS with “basic EPS”, which excludes dilution, and “diluted EPS”, which includes the effect of all potentially dilutive common shares and other dilutive securities. Because the Firm has not historically reported EPS, this Statement will have no impact on the Firm’s historical financial statements. This Statement will, however, apply to financial statements of the Firm prepared after the offerings.

In June 1997, the FASB issued SFAS No. 130, “Reporting Comprehensive Income”, effective for fiscal years beginning after December 15, 1997, with reclassification of earlier periods required for comparative purposes. SFAS No. 130 establishes standards for the reporting and presentation of comprehensive income and its components in the financial statements. The Firm intends to adopt this standard in the first quarter of fiscal 1999. This Statement is limited to issues of reporting and presentation and, therefore, will not affect the Firm’s results of operations or financial condition.

In June 1997, the FASB issued SFAS No. 131, “Disclosures about Segments of an Enterprise and Related Information”, effective for fiscal years beginning after December 15, 1997, with reclassification of earlier periods required for comparative purposes. SFAS No. 131 establishes the criteria for determining an operating segment and establishes the disclosure requirements for reporting information about operating segments. The Firm intends to adopt this standard at the end of fiscal 1999. This Statement is limited to issues of reporting and presentation and, therefore, will not affect the Firm’s results of operations or financial condition.

In February 1998, the FASB issued SFAS No. 132, “Employers’ Disclosures about Pensions and Other Postretirement Benefits”, effective for fiscal years beginning after December 15, 1997, with restatement of disclosures for earlier periods required for comparative purposes. SFAS No. 132 revises certain employers’ disclosures about pension and other post-retirement benefit plans. The Firm intends to adopt this standard at the end of fiscal 1999. This Statement is limited to issues of reporting and presentation and, therefore, will not affect the Firm’s results of operations or financial condition.

In March 1998, the Accounting Standards Executive Committee of the American Institute of Certified Public Accountants issued Statement of Position (“SOP”) No. 98-1, “Accounting for

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

the Costs of Computer Software Developed or Obtained for Internal Use”, effective for fiscal years beginning after December 15, 1998. SOP No. 98-1 requires that certain costs of computer software developed or obtained for internal use be capitalized and amortized over the useful life of the related software. The Firm currently expenses the cost of all software development in the period in which it is incurred. The Firm intends to adopt this Statement in fiscal 2000 and is currently assessing its effect.

In June 1998, the FASB issued SFAS No. 133, “Accounting for Derivative Instruments and Hedging Activities”, effective for fiscal years beginning after June 15, 1999. SFAS No. 133 establishes accounting and reporting standards for derivative instruments, including certain derivative instruments embedded in other contracts (collectively referred to as derivatives), and for hedging activities. This Statement requires that an entity recognize all derivatives as either assets or liabilities in the statement of financial condition and measure those instruments at fair value. The accounting for changes in the fair value of a derivative instrument depends on its intended use and the resulting designation. The Firm intends to adopt this standard in fiscal 2000 and is currently assessing its effect.

Note 3. Financial Instruments

Financial instruments, including both cash instruments and derivatives, are used to manage market risk, facilitate customer transactions, engage in trading transactions and meet financing objectives. These instruments can be either executed on an exchange or negotiated in the OTC market.

Transactions involving financial instruments sold, but not yet purchased, entail an obligation to purchase a financial instrument at a future date. The Firm may incur a loss if the market value of the financial instrument subsequently increases prior to the purchase of the instrument.

Fair Value of Financial Instruments

Substantially all of the Firm’s assets and liabilities are carried at fair value or amounts that approximate fair value.

Trading assets and liabilities, including derivative contracts used for trading purposes, are carried at fair value and reported as financial instruments owned and financial instruments sold, but not yet purchased on the consolidated statements of financial condition. Non-trading assets and liabilities are carried at fair value or amounts that approximate fair value.

Non-trading assets include cash and cash equivalents, cash and securities segregated in compliance with U.S. federal and other regulations, receivables from brokers, dealers and clearing organizations, receivables from customers and counterparties, securities borrowed, securities purchased under agreements to resell, right to receive securities and certain investments, primarily those made in connection with the Firm’s merchant banking activities.

Non-trading liabilities include short-term borrowings, payables to brokers, dealers and clearing organizations, payables to customers and counterparties, securities loaned, securities sold under agreements to repurchase, obligation to return securities, other liabilities and accrued expenses and long-term borrowings. Fair value of the Firm’s long-term borrowings and associated hedges is discussed in Note 5.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Trading and Principal Investments

The Firm's Trading and Principal Investments business facilitates customer transactions and takes proprietary positions through market-making in and trading of securities, currencies, commodities and swaps and other derivatives. Derivative financial instruments are often used to hedge cash instruments or other derivative financial instruments as an integral part of the Firm's strategies. As a result, it is necessary to view the results of any activity on a fully-integrated basis, including cash positions, the effect of related derivatives and the financing of the underlying positions.

Net revenues represent total revenues less allocations of interest expense to specific securities, commodities and other positions in relation to the level of financing incurred by each. The following table sets forth the net revenues of the Firm's Trading and Principal Investments business:

	Year Ended November		
	1996	1997	1998
		(in millions)	
FICC.....	\$1,749	\$2,055	\$1,438
Equities	730	573	795
Principal investments.....	214	298	146
Total Trading and Principal Investments	\$2,693	\$2,926	\$2,379

Risk Management

The Firm seeks to monitor and control its risk exposure through a variety of separate but complementary financial, credit, operational and legal reporting systems for individual entities and the Firm as a whole. Management believes that it has effective procedures for evaluating and managing the market, credit and other risks to which it is exposed. The Management Committee, the Firm's primary decision-making body, determines (both directly and through delegated authority) the types of business in which the Firm engages, approves guidelines for accepting customers for all product lines, outlines the terms under which customer business is conducted and establishes the parameters for the risks that the Firm is willing to undertake in its business.

Market Risk. The Firmwide Risk Committee, which reports to senior management and meets weekly, is responsible for managing and monitoring all of the Firm's risk exposures. In addition, the Firm maintains segregation of duties, with credit review and risk-monitoring functions performed by groups that are independent from revenue-producing departments.

The potential for changes in the market value of the Firm's trading positions is referred to as "market risk". The Firm's trading positions result from underwriting, market-making and proprietary trading activities.

The broadly defined categories of market risk include exposures to interest rates, currency rates, equity prices and commodity prices.

- Interest rate risks primarily result from exposures to changes in the level, slope and curvature of the yield curve, the volatility of interest rates, mortgage prepayment speeds and credit spreads.
- Currency rate risks result from exposures to changes in spot prices, forward prices and volatilities of currency rates.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

- Equity price risks result from exposures to changes in prices and volatilities of individual equities, equity baskets and equity indices.
- Commodity price risks result from exposures to changes in spot prices, forward prices and volatilities of commodities, such as electricity, natural gas, crude oil, petroleum products and precious and base metals.

These risk exposures are managed through diversification, by controlling position sizes and by establishing offsetting hedges in related securities or derivatives. For example, the Firm may hedge a portfolio of common stock by taking an offsetting position in a related equity-index futures contract. The ability to manage these exposures may, however, be limited by adverse changes in the liquidity of the security or the related hedge instrument and in the correlation of price movements between the security and the related hedge instrument.

Credit Risk. Credit risk represents the loss that the Firm would incur if a counterparty or issuer of securities or other instruments it holds fails to perform its contractual obligations to the Firm. To reduce its credit exposures, the Firm seeks to enter into netting agreements with counterparties that permit the Firm to offset receivables and payables with such counterparties. The Firm does not take into account any such agreements when calculating credit risk, however, unless management believes a legal right of setoff exists under an enforceable master netting agreement.

Credit concentrations may arise from trading, underwriting and securities borrowing activities and may be impacted by changes in economic, industry or political factors. The Firm's concentration of credit risk is monitored actively by the Credit Policy Committee. As of November 1998, U.S. government and federal agency obligations represented 7% of the Firm's total assets. In addition, most of the Firm's securities purchased under agreements to resell are collateralized by U.S. government, federal agency and sovereign obligations.

Derivative Activities

Most of the Firm's derivative transactions are entered into for trading purposes. The Firm uses derivatives in its trading activities to facilitate customer transactions, to take proprietary positions and as a means of risk management. The Firm also enters into non-trading derivative contracts to manage the interest rate and currency exposure on its long-term borrowings. Non-trading derivatives related to the Firm's long-term borrowings are discussed in Note 5.

Derivative contracts are financial instruments, such as futures, forwards, swaps or option contracts, that derive their value from underlying assets, indices, reference rates or a combination of these factors. Derivatives may involve future commitments to purchase or sell financial instruments or commodities, or to exchange currency or interest payment streams. The amounts exchanged are based on the specific terms of the contract with reference to specified rates, securities, commodities or indices.

Derivative contracts exclude certain cash instruments, such as mortgage-backed securities, interest-only and principal-only obligations and indexed debt instruments, that derive their values or contractually required cash flows from the price of some other security or index. Derivatives also exclude option features that are embedded in cash instruments, such as the conversion features and call provisions embedded in bonds. The Firm has elected to include commodity-related contracts in its derivative disclosure, although not required to do so, as these contracts may be settled in cash or are readily convertible into cash.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

The gross notional (or contractual) amounts of derivative financial instruments represent the volume of these transactions and not the amounts potentially subject to market risk. In addition, measurement of market risk is meaningful only when all related and offsetting transactions are taken into consideration. Gross notional (or contractual) amounts of derivative financial instruments used for trading purposes with off-balance-sheet market risk are set forth below:

	As of November	
	1997	1998
	(in millions)	
Interest Rate Risk:		
Financial futures and forward settlement contracts	\$334,916	\$ 406,302
Swap agreements	918,067	1,848,977
Written option contracts	351,359	423,561
Equity Price Risk:		
Financial futures and forward settlement contracts	7,457	7,405
Swap agreements	1,993	2,752
Written option contracts	51,916	54,856
Currency and Commodity Price Risk:		
Financial futures and forward settlement contracts	355,882	420,138
Swap agreements	32,355	51,502
Written option contracts	179,481	183,929

Market risk on purchased option contracts is limited to the market value of the option; therefore, purchased option contracts have no off-balance-sheet market risk. The gross notional (or contractual) amounts of purchased option contracts used for trading purposes are set forth below:

	As of November	
	1997	1998
	(in millions)	
Purchased Option Contracts:		
Interest rate	\$301,685	\$509,770
Equity	24,021	59,571
Currency and commodity	180,859	186,748

The Firm utilizes replacement cost as its measure of derivative credit risk. Replacement cost, as reported in financial instruments owned, at fair value on the consolidated statements of financial condition, represents amounts receivable from various counterparties, net of any unrealized losses owed where management believes a legal right of setoff exists under an enforceable master netting agreement. Replacement cost for purchased option contracts is the market value of the contract. The Firm controls its credit risk through an established credit approval process, by monitoring counterparty limits, obtaining collateral where appropriate and, in some cases, using legally enforceable master netting agreements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

The fair value of derivative financial instruments used for trading purposes, computed in accordance with the Firm's netting policy, is set forth below:

	<u>As of November</u>			
	<u>1997</u>		<u>1998</u>	
	<u>Assets</u>	<u>Liabilities</u>	<u>Assets</u>	<u>Liabilities</u>
	(in millions)			
Period End:				
Forward settlement contracts	\$ 3,634	\$ 3,436	\$ 4,061	\$ 4,201
Swap agreements	4,269	5,358	10,000	11,475
Option contracts	<u>5,787</u>	<u>7,166</u>	<u>7,140</u>	<u>9,038</u>
Total	<u>\$13,690</u>	<u>\$15,960</u>	<u>\$21,201</u>	<u>\$24,714</u>
Monthly Average:				
Forward settlement contracts	\$ 3,351	\$ 3,162	\$ 4,326	\$ 3,979
Swap agreements	3,397	4,020	7,340	8,158
Option contracts	<u>4,511</u>	<u>5,059</u>	<u>6,696</u>	<u>8,958</u>
Total	<u>\$11,259</u>	<u>\$12,241</u>	<u>\$18,362</u>	<u>\$21,095</u>

Note 4. Short-Term Borrowings

The Firm obtains secured short-term financing principally through the use of repurchase agreements and securities lending agreements, collateralized mainly by U.S. government, federal agency, investment grade foreign sovereign obligations and equity securities. The Firm obtains unsecured short-term borrowings through issuance of commercial paper, promissory notes and bank loans. The carrying value of these short-term obligations approximates fair value due to their short-term nature.

Short-term borrowings are set forth below:

	<u>As of November</u>	
	<u>1997</u>	<u>1998</u>
	(in millions)	
Commercial paper	\$ 4,468	\$10,008
Promissory notes (1)	10,411	10,763
Bank loans and other (1)	<u>6,129</u>	<u>6,659</u>
Total (2)	<u>\$21,008</u>	<u>\$27,430</u>

(1) As of November 1997 and November 1998, short-term borrowings included \$2,454 million and \$2,955 million of long-term borrowings maturing within one year, respectively.

(2) Weighted average interest rates for total short-term borrowings, including commercial paper, were 5.43 % as of November 1997 and 5.19% as of November 1998.

The Firm maintains unencumbered securities with a market value in excess of all uncollateralized short-term borrowings.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Note 5. Long-Term Borrowings

The Firm's long-term borrowings are set forth below:

	As of November	
	1997	1998
	(in millions)	
Fixed-rate obligations (1)		
U.S. dollar denominated	\$ 5,217	\$ 5,260
Non-U.S. dollar denominated	1,556	2,066
Floating-rate obligations (2)		
U.S. dollar denominated	8,342	11,858
Non-U.S. dollar denominated	<u>552</u>	<u>722</u>
Total long-term borrowings (3)	<u>\$15,667</u>	<u>\$19,906</u>

(1) Interest rate ranges for U.S. dollar and non-U.S. dollar fixed rate obligations are set forth below:

	As of November	
	1997	1998
U.S. dollar denominated		
High	10.10%	10.10%
Low	5.82	5.74
Non-U.S. dollar denominated		
High	9.51	9.51
Low	1.90	1.90

(2) Floating interest rates generally are based on LIBOR, the U.S. treasury bill rate or the federal funds rate. Certain equity-linked and indexed instruments are included in floating rate obligations.

(3) Long-term borrowings bear fixed or floating interest rates and have maturities that range from 1 to 30 years from the date of issue.

Long-term borrowings by maturity date are set forth below:

	As of November 1997			As of November 1998		
	U.S. Dollar	Non-U.S. Dollar	Total	U.S. Dollar	Non-U.S. Dollar	Total
	(in millions)					
Maturity Dates:						
1998	\$ 1,159	\$ 135	\$ 1,294	\$ —	\$ —	\$ —
1999	2,436	451	2,887	2,443	199	2,642
2000	2,544	263	2,807	4,293	272	4,565
2001	971	142	1,113	2,261	148	2,409
2002	1,376	281	1,657	1,669	265	1,934
2003	941	109	1,050	1,409	412	1,821
2004-24	<u>4,132</u>	<u>727</u>	<u>4,859</u>	<u>5,043</u>	<u>1,492</u>	<u>6,535</u>
Total	<u>\$13,559</u>	<u>\$2,108</u>	<u>\$15,667</u>	<u>\$17,118</u>	<u>\$2,788</u>	<u>\$19,906</u>

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

The Firm enters into non-trading derivative contracts, such as interest rate and currency swap agreements, to effectively convert a substantial portion of its fixed rate long-term borrowings into U.S. dollar-based floating rate obligations. Accordingly, the aggregate carrying value of these long-term borrowings and related hedges approximates fair value. The effective weighted average interest rates for long-term borrowings, after hedging activities, are set forth below:

	<u>As of November 1997</u>		<u>As of November 1998</u>	
	<u>Amount</u>	<u>Rate</u>	<u>Amount</u>	<u>Rate</u>
	(\$ in millions)			
Long-term borrowings:				
Fixed-rate obligations	\$ 291	7.76%	\$ 222	8.09%
Floating-rate obligations	<u>15,376</u>	5.84	<u>19,684</u>	5.63
Total long-term borrowings	<u>\$15,667</u>	5.88	<u>\$19,906</u>	5.66

The notional amounts, fair value and carrying value of the related swap agreements used for non-trading purposes are set forth below:

	<u>As of November</u>	
	<u>1997</u>	<u>1998</u>
	(in millions)	
Notional amount	\$8,708	\$10,206

	<u>As of November</u>			
	<u>1997</u>		<u>1998</u>	
	<u>Assets</u>	<u>Liabilities</u>	<u>Assets</u>	<u>Liabilities</u>
	(in millions)			
Fair value	\$212	\$4	\$519	\$7
Carrying value	98	4	98	8

Note 6. Commitments and Contingencies

Litigation

The Firm is involved in a number of judicial, regulatory and arbitration proceedings concerning matters arising in connection with the conduct of its businesses. Management believes, based on currently available information, that the results of such proceedings, in the aggregate, will not have a material adverse effect on the Firm's financial condition, but might be material to the Firm's operating results for any particular period, depending, in part, upon the operating results for such period.

Leases

The Firm has obligations under long-term non-cancelable lease agreements, principally for office space, expiring on various dates through 2016. Certain agreements are subject to periodic escalation charges for increases in real estate taxes and other charges. Minimum rental commitments, net of minimum sublease rentals, under non-cancelable leases for 1999 and the

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

succeeding four years and rent charged to operating expense for the last three years are set forth below:

	(in millions)
Minimum rental commitments:	
1999	\$ 142
2000	139
2001	139
2002	136
2003	128
Thereafter	<u>860</u>
Total	<u>\$ 1,544</u>
Net rent expense:	
1996	\$ 83
1997	87
1998	104

Other Commitments

The Firm acts as an investor in merchant banking transactions which includes making long-term investments in equity and debt securities in privately negotiated transactions, corporate acquisitions and real estate transactions, and in connection with a bridge loan fund. In connection with these activities, the Firm had commitments to invest up to \$670 million and \$1.39 billion in corporate and real estate merchant banking investment and bridge loan funds as of November 1997 and November 1998, respectively.

In connection with loan origination and participation, the Firm had loan commitments of \$5.23 billion and \$1.51 billion as of November 1997 and November 1998, respectively. These commitments are agreements to lend to counterparties, have fixed termination dates and are contingent on all conditions to borrowing set forth in the contract having been met. Since these commitments may expire unused, the total commitment amount does not necessarily reflect the actual future cash flow requirements.

The Firm also had outstanding guarantees of \$786 million and \$790 million relating to its fund management activities as of November 1997 and November 1998, respectively.

The Firm had pledged securities of \$23.60 billion and \$22.88 billion as collateral for securities borrowed of approximately equivalent value as of November 1997 and November 1998, respectively.

The Firm obtains letters of credit issued to counterparties by various banks that are used in lieu of securities or cash to satisfy various collateral and margin deposit requirements. Letters of credit outstanding were \$10.13 billion and \$8.81 billion as of November 1997 and November 1998, respectively.

Note 7. Employee Benefit Plans

The Firm sponsors various pension plans and certain other post-retirement benefit plans, primarily health care and life insurance, which cover most employees worldwide. The Firm also provides certain benefits to former or inactive employees prior to retirement. Plan benefits are primarily based on the employee's compensation and years of service. Pension costs are

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

determined actuarially and are funded in accordance with the Internal Revenue Code. Plan assets are held in a trust and consist primarily of listed stocks and U.S. bonds. A summary of these plans is set forth below:

Defined Benefit Pension Plans

The components of pension expense / (income) are set forth below:

	<u>Year Ended November</u>		
	<u>1996</u>	<u>1997</u>	<u>1998</u>
	(in millions)		
Service cost, benefits earned during the period	\$ 15	\$ 15	\$ 14
Interest cost on projected benefit obligation	8	10	11
Return on plan assets	(24)	(18)	(14)
Net amortization	<u>14</u>	<u>4</u>	<u>(1)</u>
Total pension expense	<u>\$ 13</u>	<u>\$ 11</u>	<u>\$ 10</u>
U.S. plans	\$ (1)	\$ (3)	\$ (3)
International plans	<u>14</u>	<u>14</u>	<u>13</u>
Total pension expense	<u>\$ 13</u>	<u>\$ 11</u>	<u>\$ 10</u>

The weighted average assumptions used to develop net periodic pension cost and the actuarial present value of the projected benefit obligation are set forth below. The assumptions represent a weighted average of the assumptions used for the U.S. and international plans and are based on the economic environment of each applicable country.

	<u>Year Ended November</u>		
	<u>1996</u>	<u>1997</u>	<u>1998</u>
U.S. Plans:			
Discount rate	7.50%	7.50%	7.00%
Rate of increase in future compensation levels	5.00	5.00	5.00
Expected long-term rate of return on plan assets	7.50	7.50	7.50
International Plans:			
Discount rate	5.70	5.70	5.00
Rate of increase in future compensation levels	5.30	5.30	4.75
Expected long-term rate of return on plan assets	7.00	7.00	6.00

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

The funded status of the qualified plans is set forth below:

	Year Ended November	
	1997	1998
	(in millions)	
Actuarial present value of vested benefit obligation	\$(149)	\$(203)
Accumulated benefit obligation	(151)	(207)
Effect of future salary increases	(16)	(21)
Projected benefit obligation	(167)	(228)
Plan assets at fair market value	187	208
Projected benefit obligation less than / (greater than) plan assets	20	(20)
Unrecognized net loss	2	43
Unrecognized net transition gain	(20)	(18)
Prepaid pension cost, end of year	<u>\$ 2</u>	<u>\$ 5</u>
Prepaid Pension Cost:		
U.S. plans	\$ 2	\$ 5
International plans	—	—
Prepaid pension cost, end of year	<u>\$ 2</u>	<u>\$ 5</u>

Post-Retirement Plans

The Firm has unfunded post-retirement benefit plans that provide medical and life insurance for eligible retirees, employees and dependents. The Firm's accrued post-retirement benefit liability was \$50 million and \$53 million as of November 1997 and November 1998, respectively. The Firm's expense for these plans was \$6 million, \$7 million and \$6 million in the years ended 1996, 1997 and 1998, respectively.

Post-Employment Plans

Post-employment benefits include, but are not limited to, salary continuation, supplemental unemployment benefits, severance benefits, disability-related benefits, and continuation of health care and life insurance coverage provided to former or inactive employees after employment but before retirement. The accrued but unfunded liability under the plans was \$12 million and \$10 million as of November 1997 and November 1998, respectively. The Firm's expense for these plans was \$2 million in each of the fiscal years ended 1996, 1997 and 1998.

Defined Contribution Plans

The Firm contributes to employer sponsored U.S. and international defined contribution plans. The Firm's contribution to the U.S. plans was \$39 million, \$44 million and \$48 million for the years ended 1996, 1997 and 1998, respectively. The Firm's contribution to the international plans was \$7 million, \$14 million and \$10 million for the years ended 1996, 1997 and 1998, respectively.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Note 8. Capital

Partners' Capital

Partners' capital includes both the general partner's and limited partners' capital and is subject to certain withdrawal restrictions. As of November 1998, the Firm had \$6.31 billion in partners' capital. Managing directors that are participating limited partners in Group L.P. ("PLPs") who elect to retire are entitled to redeem their capital over a period of not less than five years following retirement, but often reinvest a significant portion of their capital as limited partners for longer periods. Partners' capital was reduced by \$368 million in 1998 due to the termination of the Profit Participation Plans under which certain employees received payments based on the earnings of the Firm. Partners' capital allocated for income taxes and potential withdrawals represents management's estimate of net amounts currently distributable, primarily to the PLPs, under the Partnership Agreement, for items including, among other things, income taxes and capital withdrawals.

Sumitomo Bank Capital Markets, Inc. ("SBCM"), a limited partner that had capital invested of approximately \$834 million as of November 1998, may require Group L.P. to redeem its capital over a five-year period beginning no earlier than 2007. Kamehameha Activities Association ("KAA"), a limited partner that had capital invested of approximately \$757 million as of November 1998, may require Group L.P. to redeem \$391 million of its capital over a five-year period beginning no earlier than 2010 and \$366 million of its capital over a five-year period beginning no earlier than 2013.

Institutional Limited Partners (other than SBCM and KAA) had aggregate capital invested of \$755 million as of November 1998. Group L.P. must repay these Institutional Limited Partners' capital as follows: \$270 million in six equal annual installments commencing in December 2001, \$257 million in March 2005, \$146 million in November 2013 and \$82 million in November 2023.

Group L.P. may defer any required redemption of capital if the redemption would cause a subsidiary subject to regulatory authority to be in violation of the rules of such authority or if the withdrawal of funds to satisfy the redemption from an unregulated subsidiary would have a material effect on such subsidiary.

Regulated Subsidiaries

GS&Co. is a registered U.S. broker-dealer subsidiary, which is subject to the Securities and Exchange Commission's "Uniform Net Capital Rule", and has elected to compute its net capital in accordance with the "Alternative Net Capital Requirement" of that rule. As of November 1997 and November 1998, GS&Co. had regulatory net capital, as defined, of \$1.77 billion and \$3.25 billion, respectively, which exceeded the amounts required by \$1.37 billion and \$2.70 billion, respectively.

GSI, a registered U.K. broker-dealer and subsidiary of Group L.P., is subject to the capital requirements of the Securities and Futures Authority Limited and GSJL, a Tokyo-based broker-dealer, is subject to the capital requirements of the Japanese Ministry of Finance and the Financial Supervisory Agency. As of November 1997 and November 1998, GSI and GSJL were in compliance with their local capital adequacy requirements.

Certain other subsidiaries of the Firm are also subject to capital adequacy requirements promulgated by authorities of the countries in which they operate. As of November 1997 and November 1998, these subsidiaries were in compliance with their local capital adequacy requirements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

Note 9. Geographic Data

The Firm's activities as an investment banking and securities firm constitute a single business segment pursuant to SFAS No. 14 "Financial Reporting for Segments of a Business Enterprise".

Due to the highly integrated nature of international financial markets, the Firm manages its business based on the profitability of the enterprise as a whole, not by geographic region. Accordingly, management believes that profitability by geographic region is not necessarily meaningful.

The total revenues, net revenues, pre-tax earnings and identifiable assets of Group L.P. and its consolidated subsidiaries by geographic region are summarized below:

	Year Ended November		
	1996	1997	1998
	(in millions)		
Total Revenues:			
Americas (1)	\$12,864	\$15,091	\$15,972
Europe	3,762	4,463	5,156
Asia	663	879	1,350
Total	\$17,289	\$20,433	\$22,478
 Net Revenues:			
Americas (1)	\$ 4,397	\$ 5,104	\$ 5,436
Europe	1,355	1,739	2,180
Asia	377	604	904
Total	\$ 6,129	\$ 7,447	\$ 8,520
 Pre-tax Earnings:			
Americas (1)	\$ 1,963	\$ 2,061	\$ 1,527
Europe	536	683	913
Asia	107	270	481
Total	\$ 2,606	\$ 3,014	\$ 2,921

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS — (Continued)

	<u>As of November</u>		
	<u>1996</u>	<u>1997</u>	<u>1998</u>
	(in millions)		
Identifiable Assets:			
Americas (1)	\$ 171,345	\$ 206,312	\$ 229,412
Europe	62,172	80,551	106,721
Asia	6,894	13,240	19,883
Eliminations	<u>(88,365)</u>	<u>(121,702)</u>	<u>(138,636)</u>
Total	<u>\$ 152,046</u>	<u>\$ 178,401</u>	<u>\$ 217,380</u>

(1) Americas principally represents the United States.

Note 10. Quarterly Results (unaudited)

	<u>Year Ended November 1996</u>			
	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
	(in millions)			
Total revenues	\$4,030	\$4,656	\$4,313	\$4,290
Interest expense, principally on short-term funding	<u>2,566</u>	<u>2,986</u>	<u>2,845</u>	<u>2,763</u>
Revenues, net of interest expense	1,464	1,670	1,468	1,527
Operating expenses	<u>899</u>	<u>961</u>	<u>879</u>	<u>784</u>
Pre-tax earnings	565	709	589	743
Provision for taxes	<u>21</u>	<u>23</u>	<u>31</u>	<u>132</u>
Net earnings	<u>\$ 544</u>	<u>\$ 686</u>	<u>\$ 558</u>	<u>\$ 611</u>

	<u>Year Ended November 1997</u>			
	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
	(in millions)			
Total revenues	\$4,932	\$4,608	\$5,957	\$4,936
Interest expense, principally on short-term funding	<u>2,975</u>	<u>2,934</u>	<u>3,727</u>	<u>3,350</u>
Revenues, net of interest expense	1,957	1,674	2,230	1,586
Operating expenses	<u>1,052</u>	<u>1,064</u>	<u>1,298</u>	<u>1,019</u>
Pre-tax earnings	905	610	932	567
Provision for taxes	<u>44</u>	<u>99</u>	<u>60</u>	<u>65</u>
Net earnings	<u>\$ 861</u>	<u>\$ 511</u>	<u>\$ 872</u>	<u>\$ 502</u>

	<u>Year Ended November 1998</u>			
	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
	(in millions)			
Total revenues	\$5,903	\$6,563	\$5,735	\$4,277
Interest expense, principally on short-term funding	<u>3,431</u>	<u>3,574</u>	<u>3,591</u>	<u>3,362</u>
Revenues, net of interest expense	2,472	2,989	2,144	915
Operating expenses	<u>1,450</u>	<u>1,952</u>	<u>1,389</u>	<u>808</u>
Pre-tax earnings	1,022	1,037	755	107
Provision for taxes	<u>138</u>	<u>190</u>	<u>102</u>	<u>63</u>
Net earnings	<u>\$ 884</u>	<u>\$ 847</u>	<u>\$ 653</u>	<u>\$ 44</u>

REVIEW REPORT OF INDEPENDENT ACCOUNTANTS

To the Partners,
The Goldman Sachs Group, L.P.:

We have reviewed the condensed consolidated statement of financial condition of The Goldman Sachs Group, L.P. and Subsidiaries (the "Firm") as of February 26, 1999, and the related condensed consolidated statements of earnings, and cash flows for the three months ended February 26, 1999 and February 27, 1998 and the related condensed consolidated statement of changes in partners' capital for the three months ended February 26, 1999 (included on pages F-25 to F-33 of this prospectus). These financial statements are the responsibility of the Firm's management.

We conducted our review in accordance with standards established by the American Institute of Certified Public Accountants. A review of interim financial information consists principally of applying analytical procedures to financial data and making inquiries of persons responsible for financial and accounting matters. It is substantially less in scope than an audit conducted in accordance with generally accepted auditing standards, the objective of which is the expression of an opinion regarding the financial statements taken as a whole. Accordingly, we do not express such an opinion.

Based on our review, we are not aware of any material modifications that should be made to the accompanying condensed consolidated financial statements for them to be in conformity with generally accepted accounting principles.

PricewaterhouseCoopers LLP

New York, New York
April 9, 1999.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF EARNINGS

	Three Months Ended February	
	1998	1999
	(unaudited) (in millions)	
Revenues:		
Investment banking	\$ 633	\$ 902
Trading and principal investments	1,115	1,398
Asset management and securities services	512	543
Interest income	3,643	3,013
Total revenues	5,903	5,856
Interest expense, principally on short-term funding	3,431	2,861
Revenues, net of interest expense	2,472	2,995
Operating expenses:		
Compensation and benefits	1,100	1,275
Brokerage, clearing and exchange fees	93	111
Market development	54	77
Communications and technology	58	78
Depreciation and amortization	42	97
Occupancy	44	78
Professional services and other	59	91
Total operating expenses	1,450	1,807
Pre-tax earnings	1,022	1,188
Provision for taxes	138	181
Net earnings	\$ 884	\$1,007

The accompanying notes are an integral part of these
condensed consolidated financial statements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL CONDITION

	As of February 1999 (unaudited) (in millions)
Assets:	
Cash and cash equivalents	\$ 3,345
Cash and securities segregated in compliance with U.S. federal and other regulations (principally U.S. government obligations)	7,361
Receivables from brokers, dealers and clearing organizations	4,624
Receivables from customers and counterparties	19,311
Securities borrowed	74,036
Securities purchased under agreements to resell	41,776
Right to receive securities	7,280
Financial instruments owned, at fair value:	
Commercial paper, certificates of deposit and time deposits	1,413
U.S. government, federal agency and sovereign obligations	26,580
Corporate debt	9,080
Equities and convertible debentures	11,298
State, municipal and provincial obligations	1,021
Derivative contracts	20,441
Physical commodities	688
Other assets	2,370
	\$230,624
Liabilities and Net Worth:	
Short-term borrowings, including commercial paper	\$ 33,863
Payables to brokers, dealers and clearing organizations	1,294
Payables to customers and counterparties	32,143
Securities loaned	24,770
Securities sold under agreements to repurchase	36,906
Obligation to return securities	9,078
Financial instruments sold, but not yet purchased, at fair value:	
U.S. government, federal agency and sovereign obligations	29,391
Corporate debt	1,579
Equities and convertible debentures	8,238
Derivative contracts	22,677
Physical commodities	267
Other liabilities and accrued expenses	3,022
Long-term borrowings	20,405
	223,633
Commitments and contingencies	
Accumulated other comprehensive income	(37)
Partners' capital allocated for income taxes and potential withdrawals	416
Partners' capital	6,612
	\$230,624

The accompanying notes are an integral part of these condensed consolidated financial statements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN PARTNERS' CAPITAL

	Period Ended February 1999 (unaudited) (in millions)
Partners' capital, beginning of period	\$6,310
Additions:	
Net earnings	1,007
Capital contributions	<u>48</u>
Total additions	1,055
Deductions:	
Returns on capital and certain distributions to partners.....	(171)
Transfers to partners' capital allocated for income taxes and potential withdrawals, net	<u>(582)</u>
Total deductions	<u>(753)</u>
Partners' capital, end of period.....	<u><u>\$6,612</u></u>

The accompanying notes are an integral part of these
condensed consolidated financial statements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

	Three Months Ended February	
	1998	1999
	(unaudited) (in millions)	
Cash flows from operating activities:		
Net earnings	\$ 884	\$ 1,007
Non-cash items included in net earnings:		
Depreciation and amortization	42	97
Deferred income taxes	8	5
Changes in operating assets and liabilities:		
Cash and securities segregated in compliance with U.S. federal and other regulations	(191)	526
Net receivables from brokers, dealers and clearing organizations	233	260
Net payables to customers and counterparties	1,950	(8,394)
Securities borrowed, net	(12,579)	(1,225)
Financial instruments owned, at fair value	(51,461)	(2,267)
Financial instruments sold, but not yet purchased, at fair value	14,601	8,205
Other, net	(759)	(617)
Net cash used for operating activities	(47,272)	(2,403)
Cash flows from investing activities:		
Property, leasehold improvements and equipment	(63)	(103)
Financial instruments owned, at fair value	(45)	58
Net cash used for investing activities	(108)	(45)
Cash flows from financing activities:		
Short-term borrowings, net	11,500	2,567
Securities sold under agreements to repurchase, net	34,157	(3,643)
Issuance of long-term borrowings	5,630	4,468
Repayment of long-term borrowings	(608)	(105)
Capital contributions	6	48
Returns on capital and certain distributions to partners	(157)	(171)
Partners' capital allocated for income taxes and potential withdrawals	(309)	(207)
Net cash provided by financing activities	50,219	2,957
Net increase in cash and cash equivalents	2,839	509
Cash and cash equivalents, beginning of period	1,328	2,836
Cash and cash equivalents, end of period	\$ 4,167	\$ 3,345

Supplemental disclosures:

Cash payments for interest approximated the related expense for each of the fiscal periods presented. Payments of income taxes were not material.

The increases in total assets and liabilities related to the provisions of Statement of Financial Accounting Standards No. 125 that were deferred under Statement of Financial Accounting Standards No. 127 were excluded from the consolidated statements of cash flows as they represented non-cash items.

The accompanying notes are an integral part of these
condensed consolidated financial statements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

Note 1. Description of Business

The Goldman Sachs Group, L.P., a Delaware limited partnership (“Group L.P.”), together with its consolidated subsidiaries (collectively, the “Firm”), is a global investment banking and securities firm that provides a wide range of services worldwide to a substantial and diversified client base.

The Firm’s activities are divided into three principal business lines:

- Investment Banking, which includes financial advisory services and underwriting;
- Trading and Principal Investments, which includes fixed income, currency and commodities (“FICC”), equities and principal investments (principal investments reflect primarily the Firm’s investments in its merchant banking funds); and
- Asset Management and Securities Services, which includes asset management, securities services and commissions.

Note 2. Significant Accounting Policies

Basis of Presentation

The consolidated financial statements include the accounts of Group L.P. and its U.S. and international subsidiaries including Goldman, Sachs & Co. (“GS&Co.”) and J. Aron & Company in New York, Goldman Sachs International (“GSI”) in London and Goldman Sachs (Japan) Ltd. (“GSJL”) in Tokyo. The consolidated financial statements are unaudited and should be read in conjunction with the audited consolidated financial statements included elsewhere in this prospectus.

These consolidated financial statements have been prepared in accordance with generally accepted accounting principles that require management to make estimates and assumptions regarding trading inventory valuations, partner retirements, the outcome of pending litigation and other matters that affect the consolidated financial statements and related disclosures. These estimates and assumptions are based on judgment and available information and, consequently, actual results could be materially different from these estimates.

The unaudited consolidated financial statements reflect all adjustments, consisting only of normal recurring adjustments, that are, in the opinion of management, necessary for a fair statement of the results for the interim periods presented. Interim period operating results may not be indicative of the operating results for a full year.

Unless otherwise stated herein, all references to February 1998 and February 1999 refer to the Firm’s fiscal quarter ended, or the date, as the context requires, February 27, 1998 and February 26, 1999, respectively.

Comprehensive Income

In June 1997, the Financial Accounting Standards Board issued Statement of Financial Accounting Standards No. 130, “Reporting Comprehensive Income”, which establishes standards for the reporting and presentation of comprehensive income and its components in the financial statements. This Statement is effective for fiscal years beginning after December 15, 1997 and was adopted by the Firm in the first quarter of 1999. The components of comprehensive income are set forth below:

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — (Continued)
(UNAUDITED)

	Three Months Ended February	
	<u>1998</u>	<u>1999</u>
	(in millions)	
Net earnings	\$ 884	\$1,007
Other comprehensive loss		
Foreign currency translation adjustment	<u>(5)</u>	<u>(6)</u>
Total comprehensive income	<u>\$ 879</u>	<u>\$1,001</u>

Note 3. Financial Instruments

Gains and losses on financial instruments and commission income and related expenses are recorded on a trade date basis in the consolidated statements of earnings. For purposes of the consolidated statement of financial condition only, purchases and sales of financial instruments, including agency transactions, are generally recorded on a settlement date basis. Recording such transactions on a trade date basis would not result in a material adjustment to the consolidated statement of financial condition.

Substantially all financial instruments used in the Firm's trading and non-trading activities are carried at fair value or amounts that approximate fair value and unrealized gains and losses are recognized in earnings. Fair value is based generally on listed market prices or broker or dealer price quotations. To the extent that prices are not readily available, fair value is based on either internal valuation models or management's estimate of amounts that could be realized under current market conditions, assuming an orderly liquidation over a reasonable period of time. Certain over-the-counter derivative instruments are valued using pricing models that consider, among other factors, current and contractual market prices, time value, and yield curve and/or volatility factors of the underlying positions.

The Firm's Trading and Principal Investments business facilitates customer transactions and takes proprietary positions through market-making in and trading of securities, currencies, commodities and swaps and other derivatives. Derivative financial instruments are often used to hedge cash instruments or other derivative financial instruments as an integral part of the Firm's strategies. As a result, it is necessary to view the results of any activity on a fully-integrated basis, including cash positions, the effect of related derivatives and the financing of the underlying positions.

Net revenues represent total revenues less allocations of interest expense to specific securities, commodities and other positions in relation to the level of financing incurred by each. The following table sets forth the net revenues of the Firm's Trading and Principal Investments business:

	Three Months Ended February	
	<u>1998</u>	<u>1999</u>
	(in millions)	
FICC	\$ 741	\$ 876
Equities	365	455
Principal investments	<u>76</u>	<u>26</u>
Total Trading and Principal Investments	<u>\$1,182</u>	<u>\$1,357</u>

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — (Continued)
(UNAUDITED)

Derivative Activities

Most of the Firm's derivative transactions are entered into for trading purposes. The Firm uses derivatives in its trading activities to facilitate customer transactions, to take proprietary positions and as a means of risk management. The Firm also enters into non-trading derivative contracts to manage the interest rate and currency exposure on its long-term borrowings.

Derivative contracts are financial instruments, such as futures, forwards, swaps or option contracts, that derive their value from underlying assets, indices, reference rates or a combination of these factors. Derivatives may involve future commitments to purchase or sell financial instruments or commodities, or to exchange currency or interest payment streams. The amounts exchanged are based on the specific terms of the contract with reference to specified rates, securities, commodities or indices.

Derivative contracts exclude certain cash instruments, such as mortgage-backed securities, interest-only and principal-only obligations and indexed debt instruments, that derive their values or contractually required cash flows from the price of some other security or index. Derivatives also exclude option features that are embedded in cash instruments, such as the conversion features and call provisions embedded in bonds. The Firm has elected to include commodity-related contracts in its derivative disclosure, although not required to do so, as these contracts may be settled in cash or are readily convertible into cash.

Derivatives used for trading purposes are reported at fair value and are included in "Derivative contracts" on the consolidated statement of financial condition. Gains and losses on derivatives used for trading purposes are included in "Trading and Principal Investments" on the consolidated statements of earnings.

The Firm utilizes replacement cost as its measure of derivative credit risk. Replacement cost, as reported in financial instruments owned, at fair value on the consolidated statement of financial condition, represents amounts receivable from various counterparties, net of any unrealized losses owed where management believes a legal right of setoff exists under an enforceable master netting agreement. Replacement cost for purchased option contracts is the market value of the contract. The Firm controls its credit risk through an established credit approval process, by monitoring counterparty limits, obtaining collateral where appropriate and, in some cases, using legally enforceable master netting agreements.

The fair value of derivative financial instruments used for trading purposes, computed in accordance with the Firm's netting policy, is set forth below:

	As of February 1999	
	Assets	Liabilities
	(in millions)	
Forward settlement contracts	\$ 3,991	\$ 3,725
Swap agreements	9,233	10,460
Option contracts	<u>7,140</u>	<u>8,484</u>
Total	<u>\$20,364</u>	<u>\$22,669</u>

Derivatives used for non-trading purposes include interest rate futures contracts and interest rate and currency swap agreements, which are primarily utilized to convert a substantial portion of the Firm's fixed rate debt into U.S. dollar-based floating rate obligations. Gains and losses on these transactions are generally deferred and recognized as adjustments to interest expense

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — (Continued)
(UNAUDITED)

over the life of the derivative contract. Gains and losses resulting from the early termination of derivatives used for non-trading purposes are generally deferred and recognized over the remaining life of the underlying debt. If the underlying debt is terminated prior to its stated maturity, gains and losses on these transactions, including the associated hedges, are recognized in earnings immediately. The fair value and carrying value of derivatives used for non-trading purposes are set forth below:

	As of February 1999	
	Assets	Liabilities
	(in millions)	
Fair value	\$319	\$13
Carrying value	77	8

Note 4. Short-Term Borrowings

The Firm obtains secured short-term financing principally through the use of repurchase agreements and securities lending agreements, collateralized mainly by U.S. government, federal agency, investment grade foreign sovereign obligations and equity securities. The Firm obtains unsecured short-term borrowings through issuance of commercial paper, promissory notes and bank loans. The carrying value of these short-term obligations approximates fair value due to their short term nature.

Short-term borrowings are set forth below:

	As of February 1999	
	(in millions)	
Commercial paper	\$10,740	
Promissory notes*	10,893	
Bank loans and other*	12,230	
Total	\$33,863	

* As of February 1999, short-term borrowings included \$6,285 million of long-term borrowings maturing within one year.

The Firm maintains unencumbered securities with a market value in excess of all uncollateralized short-term borrowings.

Note 5. Regulated Subsidiaries

GS&Co. is a registered U.S. broker-dealer subsidiary, which is subject to the Securities and Exchange Commission's "Uniform Net Capital Rule", and has elected to compute its net capital in accordance with the "Alternative Net Capital Requirement" of that rule. As of February 1999, GS&Co. had regulatory net capital, as defined, of \$2.89 billion, which exceeded the amount required by \$2.40 billion.

GSI, a registered U.K. broker-dealer and subsidiary of Group L.P., is subject to the capital requirements of the Securities and Futures Authority Limited and GSJL, a Tokyo-based broker-dealer, is subject to the capital requirements of the Japanese Ministry of Finance and the Financial Supervisory Agency. As of February 1999, GSI and GSJL were in compliance with their local capital adequacy requirements.

THE GOLDMAN SACHS GROUP, L.P. and SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — (Continued)
(UNAUDITED)

Certain other subsidiaries of the Firm are also subject to capital adequacy requirements promulgated by authorities of the countries in which they operate. As of February 1999, these subsidiaries were in compliance with their local capital adequacy requirements.

Note 6. Contingencies

The Firm is involved in a number of judicial, regulatory and arbitration proceedings concerning matters arising in connection with the conduct of its businesses. Management believes, based on currently available information, that the results of such proceedings, in the aggregate, will not have a material adverse effect on the Firm's financial condition, but might be material to the Firm's operating results for any particular period, depending, in part, upon the operating results for such period.

UNDERWRITING

The Goldman Sachs Group, Inc., Sumitomo Bank Capital Markets, Inc., Kamehameha Activities Association and the underwriters for the U.S. offering (the “U.S. underwriters”) named below have entered into an underwriting agreement with respect to the shares being offered in the United States and Canada. Subject to certain conditions, each U.S. underwriter has severally agreed to purchase the number of shares indicated in the following table. Goldman, Sachs & Co., Bear, Stearns & Co. Inc., Credit

Suisse First Boston Corporation, Donaldson, Lufkin & Jenrette Securities Corporation, Lehman Brothers Inc., Merrill Lynch, Pierce, Fenner & Smith Incorporated, J.P. Morgan Securities Inc., Morgan Stanley & Co. Incorporated, PaineWebber Incorporated, Prudential Securities Incorporated, Salomon Smith Barney Inc., Sanford C. Bernstein & Co., Inc. and Schroder & Co. Inc. are the representatives of the U.S. underwriters.

U.S. Underwriters	Number of Shares
Goldman, Sachs & Co.	2,572,116
Bear, Stearns & Co. Inc.	2,572,107
Credit Suisse First Boston Corporation	2,572,107
Donaldson, Lufkin & Jenrette Securities Corporation	2,572,107
Lehman Brothers Inc.	2,572,107
Merrill Lynch, Pierce, Fenner & Smith Incorporated	2,572,107
J.P. Morgan Securities Inc.	2,572,107
Morgan Stanley & Co. Incorporated	2,572,107
PaineWebber Incorporated	2,572,107
Prudential Securities Incorporated	2,572,107
Salomon Smith Barney Inc.	2,572,107
Sanford C. Bernstein & Co., Inc.	2,572,107
Schroder & Co. Inc.	2,572,107
BT Alex. Brown Incorporated	340,400
BancBoston Robertson Stephens Inc.	340,400
CIBC World Markets Corp.	340,400
Chase Securities Inc.	340,400
A.G. Edwards & Sons, Inc.	340,400
EVEREN Securities, Inc.	340,400
Hambrecht & Quist LLC	340,400
Edward D. Jones & Co., L.P.	340,400
Lazard Frères & Co. LLC	340,400
Muriel Siebert & Co., Inc.	340,400
NationsBanc Montgomery Securities LLC	340,400
Nesbitt Burns Securities Inc.	340,400
RBC Dominion Securities Corporation	340,400
Scotia Capital Markets (USA) Inc.	340,400
TD Securities (USA) Inc.	340,400
Utendahl Capital Partners, L.P.	340,400
Wasserstein Perella Securities, Inc.	340,400
William Blair & Company, L.L.C.	340,400
Advest, Inc.	317,400
Robert W. Baird & Co. Incorporated	317,400
M. R. Beal & Company	317,400

<u>U.S. Underwriters</u>	<u>Number of Shares</u>
J.C. Bradford & Co.	317,400
Dain Rauscher Wessels, a division of Dain Rauscher Incorporated	317,400
Gruntal & Co., L.L.C.	317,400
Keefe, Bruyette & Woods, Inc.	317,400
Legg Mason Wood Walker, Incorporated	317,400
McDonald Investments Inc., A KeyCorp Company	317,400
Neuberger Berman, LLC	317,400
Putnam, Lovell, de Guardiola & Thornton, Inc.	317,400
Ramirez & Co., Inc.	317,400
RONEY CAPITAL MARKETS, A division of BANC ONE CAPITAL MARKETS, Inc.	317,400
Scott & Stringfellow, Inc.	317,400
Stephens Inc.	317,400
Stifel, Nicolaus & Company Incorporated	317,400
Sutro & Co. Incorporated	317,400
Tucker Anthony Cleary Gull	317,400
U.S. Bancorp Piper Jaffray Inc.	317,400
Wachovia Securities, Inc.	317,400
Adams, Harkness & Hill, Inc.	124,200
Apex Securities, a division of Rice Financial Products Company	124,200
Arnhold and S. Bleichroeder, Inc.	124,200
George K. Baum & Company	124,200
Blaylock & Partners, L.P.	124,200
The Buckingham Research Group Incorporated	124,200
Burnham Securities Inc.	124,200
The Chapman Company	124,200
Chatsworth Securities LLC	124,200
Conning & Company	124,200
Crowell, Weedon & Co.	124,200
D.A. Davidson & Co.	124,200
Doft & Co., Inc.	124,200
Doley Securities, Inc.	124,200
Fahnestock & Co. Inc.	124,200
Ferris, Baker Watts, Incorporated	124,200
Fifth Third Securities, Inc.	124,200
First Albany Corporation	124,200
First Security Van Kasper	124,200
First Southwest Company	124,200
First Union Capital Markets Corp.	124,200
Fox-Pitt, Kelton Inc.	124,200
Friedman, Billings, Ramsey & Co., Inc.	124,200
Gerard Klauer Mattison & Co., Inc.	124,200
Graicap, Inc.	124,200
Guzman & Company	124,200
HCFP/Brenner Securities, LLC	124,200
Hanifen, Imhoff Inc.	124,200
J.J.B. Hilliard, W.L. Lyons, Inc.	124,200

<u>U.S. Underwriters</u>	<u>Number of Shares</u>
Hoak Breedlove Wesneski & Co.	124,200
William R. Hough & Co.	124,200
Howard, Weil, Labouisse, Friedrichs Incorporated	124,200
Jackson Securities Incorporated	124,200
Janney Montgomery Scott Inc.	124,200
Jefferies & Company, Inc.	124,200
Johnston, Lemon & Co. Incorporated	124,200
C.L. King & Associates, Inc.	124,200
Kirkpatrick, Pettis, Smith, Polian Inc.	124,200
Ladenburg, Thalmann & Co. Inc.	124,200
Laidlaw Global Securities, Inc.	124,200
Lam Securities Investments, Inc.	124,200
Loop Capital Markets, LLC.....	124,200
Mesirow Financial, Inc.	124,200
Morgan Keegan & Company, Inc.	124,200
Needham & Company, Inc.	124,200
Ormes Capital Markets, Inc.	124,200
Parker/Hunter Incorporated	124,200
Pennsylvania Merchant Group	124,200
Petrie Parkman & Co., Inc.	124,200
Pryor & Company, LLC	124,200
Ragen MacKenzie Incorporated	124,200
Raymond James & Associates, Inc.	124,200
The Robinson-Humphrey Company, LLC	124,200
SBK Brooks Investment Corp.	124,200
Sanders Morris Mundy	124,200
Sandler O'Neill & Partners, L.P.	124,200
Sands Brothers & Co., Ltd.	124,200
Seasingood & Mayer	124,200
Simmons & Company International	124,200
SWM Securities, Inc.	124,200
SoundView Technology Group, Inc.	124,200
Southwest Securities, Inc.	124,200
Sterne, Agee & Leach, Inc.	124,200
Sturdivant & Co., Inc.	124,200
SunTrust Equitable Securities Corporation	124,200
Sutter Securities Incorporated	124,200
C.E. Unterberg, Towbin	124,200
Volpe Brown Whelan & Company, LLC.....	124,200
Walton Johnson & Company	124,200
Wedbush Morgan Securities	124,200
The Williams Capital Group, L.P.	124,200
B.C. Ziegler and Company	124,200
Ameritrade, Inc.	57,500
DATEK ONLINE BROKERAGE SERVICES CORP.	57,500

<u>U.S. Underwriters</u>	<u>Number of Shares</u>
E*Offering Corp.	57,500
GS-Online LLC.....	57,500
Charles Schwab & Co., Inc.	57,500
Wit Capital Corporation	<u>57,500</u>
Total	<u><u>55,200,000</u></u>

The U.S. underwriters had the option, if they sold more than 48,000,000 shares, to purchase up to an additional 7,200,000 shares from The Goldman Sachs Group, Inc. The foregoing table reflects the exercise, in full, by the U.S. underwriters of such option.

Shares sold by the underwriters to the public are being offered at the initial public offering price set forth on the cover page of this prospectus. Any shares sold by the underwriters to securities dealers may be sold at a discount of up to \$1.35 per share from the initial public offering price. Any such securities dealers may resell any shares purchased from the underwriters to certain other brokers or dealers at a discount of up to \$0.10 per share from the initial public offering price. If all of the shares are not sold at the initial public offering price, the representatives may change the offering price and the other selling terms.

The offer and sale by the underwriters of the shares of common stock is subject to the underwriters having received and accepted the shares from The Goldman Sachs Group, Inc., Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association. In addition, the underwriters may, in their sole discretion, reject all or any part of any order for the shares which is received by them. The underwriters expect to deliver the shares in New York, New York on the date indicated on the front cover page of this prospectus in exchange for payment in immediately available funds.

The Goldman Sachs Group, Inc., Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association have entered into underwriting agreements with underwriters for the sale of 8,000,000 shares outside of the United States, Canada and the

Asia/Pacific region and 4,000,000 shares in the Asia/Pacific region. The terms and conditions of all three offerings are the same and the sale of shares in all three offerings are conditioned on each other. Goldman Sachs International, ABN AMRO Rothschild, Banque Nationale de Paris, BAYERISCHE HYPO- und VEREINSBANK Aktiengesellschaft, Cazenove & Co., Commerzbank Aktiengesellschaft, Deutsche Bank AG London, ING Barings Limited as Agent for ING Bank N.V., London Branch, Kleinwort Benson Limited, MEDI-OBANCA - Banca di Credito Finanziario S.p.A., Paribas and UBS AG, acting through its division Warburg Dillon Read, are representatives of the underwriters for the international offering outside of the United States, Canada and the Asia/Pacific region (the "International underwriters") and Goldman Sachs (Asia) L.L.C., BOCI Asia Limited, China Development Industrial Bank Inc., China International Capital Corporation Limited, Daiwa Securities (H.K.) Limited, The Development Bank of Singapore Ltd, HSBC Investment Bank Asia Limited, Jardine Fleming Securities Limited, KOKUSAI Securities (Hong Kong) Limited, Kotak Mahindra (International) Limited, The Nikko Merchant Bank (Singapore) Limited, Nomura International plc, Samsung Securities Co., Ltd., Standard Chartered Asia Limited and Were Stockbroking Limited are representatives of the underwriters for the Asia/Pacific region offering (the "Asia/Pacific underwriters"). The International and Asia/Pacific underwriters have exercised, in full, their options to purchase 1,800,000 shares of common stock from The Goldman Sachs Group, Inc.

The underwriters for each of the three offerings have entered into an agreement in which they have agreed to restrictions on where and to whom they and any dealer

purchasing from them may offer shares as a part of the distribution of the shares. The underwriters have also agreed that they may sell shares among each of the underwriting groups.

The Goldman Sachs Group, Inc., Sumitomo Bank Capital Markets, Inc., Kamehameha Activities Association, the parties to the shareholders' agreement, including all of the directors and executive officers of The Goldman Sachs Group, Inc., and the retired limited partners have agreed not to dispose of or hedge any of their common stock or securities convertible into or exchangeable for shares of common stock during the period from the date of this prospectus continuing through the date 180 days after the date of this prospectus, except with the prior written consent of Goldman, Sachs & Co. This agreement does not apply to the shares of common stock underlying any awards described under "Management — The Employee Initial Public Offering Awards" that are received by persons who are not managing directors or any future awards granted under the stock incentive plan. See "Shares Eligible for Future Sale" for a discussion of certain transfer restrictions.

Prior to the offerings, there has been no public market for the shares. The initial public offering price has been negotiated among The Goldman Sachs Group, Inc. and the representatives. Among the factors considered in determining the initial public offering price of the shares, in addition to prevailing market conditions, were The Goldman Sachs Group, Inc.'s historical performance, estimates of the business potential and earnings prospects of The Goldman Sachs Group, Inc., an assessment of The Goldman Sachs Group, Inc.'s management and the consideration of the above factors in relation to market valuation of companies in related businesses.

The common stock will be listed on the NYSE under the symbol "GS". In order to meet one of the requirements for listing the common stock on the NYSE, the underwriters have undertaken to sell lots of 100 or more shares to a minimum of 2,000 beneficial holders.

In connection with the offerings, the underwriters may purchase and sell shares of common stock in the open market. These transactions may include short sales, stabilizing transactions and purchases to cover positions created by short sales. Short sales involve the sale by the underwriters of a greater number of shares than they are required to purchase in the offerings. Stabilizing transactions consist of certain bids or purchases made for the purpose of preventing or retarding a decline in the market price of the common stock while the offerings are in progress.

The underwriters also may impose a penalty bid. This occurs when a particular underwriter repays to the underwriters a portion of the underwriting discount received by it because the representatives have repurchased shares sold by or for the account of such underwriter in stabilizing or short covering transactions.

These activities by the underwriters may stabilize, maintain or otherwise affect the market price of the common stock. As a result, the price of the common stock may be higher than the price that otherwise might exist in the open market. If these activities are commenced, they may be discontinued by the underwriters at any time. These transactions may be effected on the NYSE, in the over-the-counter market or otherwise.

After the offerings, because Goldman, Sachs & Co. is a member of the NYSE and because of its relationship to The Goldman Sachs Group, Inc., it will not be permitted under the rules of the NYSE to make markets in or recommendations regarding the purchase or sale of the common stock. This may adversely affect the trading market for the common stock.

Also, because of the relationship between Goldman, Sachs & Co. and GS-Online LLC and The Goldman Sachs Group, Inc., the offerings are being conducted in accordance with Rule 2720 of the NASD. That rule requires that the initial public offering price can be no higher than that recommended by a "qualified independent underwriter", as defined by the NASD. Donaldson, Lufkin & Jenrette Securities Corporation, Merrill Lynch,

Pierce, Fenner & Smith Incorporated and Morgan Stanley & Co. Incorporated have served in that capacity and performed due diligence investigations and reviewed and participated in the preparation of the registration statement of which this prospectus forms a part. Each of Donaldson, Lufkin & Jenrette Securities Corporation, Merrill Lynch, Pierce, Fenner & Smith Incorporated and Morgan Stanley & Co. Incorporated has received \$10,000 from The Goldman Sachs Group, Inc. as compensation for such role.

The underwriters may not confirm sales to discretionary accounts without the prior written approval of the customer.

Goldman, Sachs & Co., Goldman Sachs International, Goldman Sachs (Asia) L.L.C. and GS-Online LLC are subsidiaries of The Goldman Sachs Group, Inc. In aggregate, these four affiliated underwriters have severally agreed to purchase approximately 4.8% of the shares being offered in the three offerings. If any of the shares underwritten by these four affiliates are sold by them at a price less than the initial public offering price, the net proceeds from the offerings to The Goldman Sachs Group, Inc. on a consolidated basis will be reduced because such affiliates and The Goldman Sachs Group, Inc. are accounted for on a consolidated basis.

The Goldman Sachs Group, Inc., Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association estimate

that their shares of the total expenses of the offerings, excluding underwriting discounts and commissions, will be approximately \$9,000,000, \$100,000 and \$100,000, respectively.

The Goldman Sachs Group, Inc., Sumitomo Bank Capital Markets, Inc. and Kamehameha Activities Association have agreed to indemnify the several underwriters against certain liabilities, including liabilities under the Securities Act of 1933.

Certain of the underwriters and their affiliates have in the past provided, and may in the future from time to time provide, investment banking and general financing and banking services to The Goldman Sachs Group, L.P., The Goldman Sachs Group, Inc. and their affiliates for which they have in the past received, and may in the future receive, customary fees. The Goldman Sachs Group, L.P., The Goldman Sachs Group, Inc. and their affiliates have in the past provided, and may in the future from time to time provide, similar services to the underwriters and their affiliates on customary terms and for customary fees.

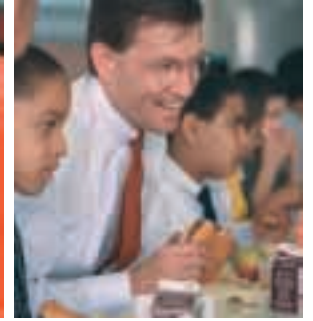
This prospectus may be used by the underwriters and other dealers in connection with offers and sales of the shares, including sales of shares initially sold by the underwriters in the offerings being made outside of the United States, to persons located in the United States.

The inside back cover of this prospectus is
a series of photographs of
Goldman Sachs employees participating in
our Community TeamWorks initiative.

The following text appears in the center of the page:

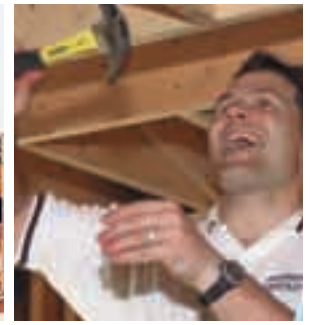
THE WORLD OF GOLDMAN SACHS

The dedication we bring to our professional relationships extends beyond the world of finance into our communities. At Goldman Sachs, we work side by side with our clients to ‘adopt’ schools, clean parks, build housing for those in need and engage in a host of other acts of citizenship. Each volunteer relationship is an investment with returns that not only enrich our communities, but also benefit our clients—by strengthening our sense of teamwork and enriching our understanding of and appreciation for people and places beyond our daily responsibilities.



The World of Goldman Sachs

The dedication we bring to our professional relationships extends beyond the world of finance into our communities. At Goldman Sachs, we work side by side with our clients to “adopt” schools, clean parks, build housing for those in need and engage in a host of other acts of citizenship. Each volunteer relationship is an investment with returns that not only enrich our communities, but also benefit our clients—by strengthening our sense of teamwork and enriching our understanding of and appreciation for people and places beyond our daily responsibilities.



No dealer, salesperson or other person is authorized to give any information or to represent anything not contained in this prospectus. You must not rely on any unauthorized information or representations. This prospectus is an offer to sell or to buy only the shares offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so. The information contained in this prospectus is current only as of its date.

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Through and including May 28, 1999 (the 25th day after the date of this prospectus), all dealers effecting transactions in these securities, whether or not participating in this offering, may be required to deliver a prospectus. This is in addition to the dealers' obligation to deliver a prospectus when acting as underwriters and with respect to their unsold allotments or subscriptions.

69,000,000 Shares

The Goldman Sachs Group, Inc.

Common Stock



**Goldman, Sachs & Co.
 Bear, Stearns & Co. Inc.
 Credit Suisse First Boston
 Donaldson, Lufkin & Jenrette
 Lehman Brothers
 Merrill Lynch & Co.
 J.P. Morgan & Co.
 Morgan Stanley Dean Witter
 PaineWebber Incorporated
 Prudential Securities
 Salomon Smith Barney
 Sanford C. Bernstein & Co., Inc.
 Schroder & Co. Inc.**

Representatives of the Underwriters