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# Financial Statements

**Report of Independent Auditors**  
PricewaterhouseCoopers LLP

To the Board of Governors of  
the Federal Reserve System  
and the Board of Directors of  
the Federal Reserve Bank of New York:

We have audited the accompanying statements of condition of the Federal Reserve Bank of New York (the "Bank") as of December 31, 2003 and 2002, and the related statements of income and changes in capital for the years then ended, which have been prepared in conformity with the accounting principles, policies, and practices established by the Board of Governors of the Federal Reserve System. These financial statements are the responsibility of the Bank's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit 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. An audit also includes 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.

As described in note 3, these financial statements were prepared in conformity with the accounting principles, policies, and practices established by the Board of Governors of the Federal Reserve System. These principles, policies, and practices, which were designed to meet the specialized accounting and reporting needs of the Federal Reserve System, are set forth in the "Financial Accounting Manual for Federal Reserve Banks" and constitute a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Bank as of December 31, 2003 and 2002, and results of its operations for the years then ended, on the basis of accounting described in note 3.



March 1, 2004  
New York, New York

**STATEMENTS OF CONDITION**  
as of December 31, 2003, and December 31, 2002  
(in millions)

ASSETS	2003	2002
Gold certificates	\$ 4,706	\$ 4,364
Special drawing rights certificates	874	874
Coin	30	33
Items in process of collection	803	992
Loans to depository institutions	15	—
Securities purchased under agreements to resell	43,750	39,500
U.S. government and federal agency securities, net	289,030	251,471
Investments denominated in foreign currencies	4,289	3,465
Accrued interest receivable	2,175	2,162
Interdistrict settlement account	—	24,567
Bank premises and equipment, net	246	251
Federal Reserve System prepaid pension benefit costs	2,681	2,739
Other assets	94	88
<b>Total assets</b>	<b>\$348,693</b>	<b>\$330,506</b>
<b>LIABILITIES AND CAPITAL</b>		
<b>Liabilities:</b>		
Federal Reserve notes outstanding, net	\$301,594	\$304,818
Securities sold under agreements to repurchase	10,975	8,299
Deposits:		
Depository institutions	5,607	7,571
U.S. Treasury, general account	5,723	4,420
Other deposits	297	222
Deferred credit items	1,025	1,069
Interest on Federal Reserve notes due U.S. Treasury	100	218
Interdistrict settlement account	19,034	—
Accrued benefit cost	198	188
Other liabilities	78	83
<b>Total liabilities</b>	<b>344,631</b>	<b>326,888</b>
<b>Capital:</b>		
Capital paid-in	2,031	1,809
Surplus	2,031	1,809
<b>Total capital</b>	<b>4,062</b>	<b>3,618</b>
<b>Total liabilities and capital</b>	<b>\$348,693</b>	<b>\$330,506</b>

The accompanying notes are an integral part of these financial statements.

## STATEMENTS OF INCOME

for the years ended December 31, 2003, and December 31, 2002

(in millions)

	2003	2002
<b>Interest income:</b>		
Interest on U.S. government and federal agency securities	\$9,329	\$ 9,997
Interest on securities purchased under agreements to resell	291	401
Interest on investments denominated in foreign currencies	56	56
<b>Total interest income</b>	<b>9,676</b>	<b>10,454</b>
<b>Interest expense:</b>		
Interest expense on securities sold under agreements to repurchase	90	5
<b>Net interest income</b>	<b>9,586</b>	<b>10,449</b>
<b>Other operating income:</b>		
Income from services	128	100
Reimbursable services to government agencies	68	69
Foreign currency gains, net	580	425
U.S. government securities gains, net	—	31
Other income	34	32
<b>Total other operating income</b>	<b>810</b>	<b>657</b>
<b>Operating expenses:</b>		
Salaries and other benefits	323	326
Occupancy expense	45	43
Equipment expense	29	30
Assessments by Board of Governors	189	220
Other expenses	124	141
<b>Total operating expenses</b>	<b>710</b>	<b>760</b>
Net income before net periodic pension expense	9,686	10,346
Net periodic pension cost (credit)	58	(157)
<b>Net income prior to distribution</b>	<b>\$9,628</b>	<b>\$10,503</b>
<b>Distribution of net income:</b>		
Dividends paid to member banks	115	104
Transferred to surplus	222	305
Payments to U.S. Treasury as interest on Federal Reserve notes	9,291	10,094
<b>Total distribution</b>	<b>\$9,628</b>	<b>\$10,503</b>

The accompanying notes are an integral part of these financial statements.

**STATEMENTS OF CHANGES IN CAPITAL**  
for the years ended December 31, 2003, and December 31, 2002  
(in millions)

	Capital Paid-in	Surplus	Total Capital
<b>Balance at January 1, 2002</b> (30.1 million shares)	<b>\$1,504</b>	<b>\$1,504</b>	<b>\$3,008</b>
Net income transferred to surplus	—	305	305
Net change in capital stock issued (6.1 million shares)	305	—	305
<b>Balance at December 31, 2002</b> (36.2 million shares)	<b>\$1,809</b>	<b>\$1,809</b>	<b>\$3,618</b>
Net income transferred to surplus	—	222	222
Net change in capital stock issued (4.4 million shares)	222	—	222
<b>Balance at December 31, 2003</b> (40.6 million shares)	<b>\$2,031</b>	<b>\$2,031</b>	<b>\$4,062</b>

The accompanying notes are an integral part of these financial statements.

# FEDERAL RESERVE BANK OF NEW YORK

## *Notes to Financial Statements*

### 1. STRUCTURE

The Federal Reserve Bank of New York (“Bank”) is part of the Federal Reserve System (“System”) created by Congress under the Federal Reserve Act of 1913 (“Federal Reserve Act”), which established the central bank of the United States. The System consists of the Board of Governors of the Federal Reserve System (“Board of Governors”) and twelve Federal Reserve Banks (“Reserve Banks”). The Reserve Banks are chartered by the federal government and possess a unique set of governmental, corporate, and central bank characteristics. The Bank and its branch in Buffalo serve the Second Federal Reserve District, which includes the state of New York; the twelve northern counties of New Jersey; Fairfield County, Connecticut; the Commonwealth of Puerto Rico; and the U.S. Virgin Islands. Other major elements of the System are the Federal Open Market Committee (“FOMC”) and the Federal Advisory Council. The FOMC is composed of members of the Board of Governors, this Bank’s president, and, on a rotating basis, four other Reserve Bank presidents. Banks that are members of the System include all national banks and any state-chartered bank that applies and is approved for membership in the System.

#### Board of Directors

In accordance with the Federal Reserve Act, supervision and control of the Bank are exercised by a Board of Directors. The Federal Reserve Act specifies the composition of the Board of Directors for each of the Reserve Banks. Each board is composed of nine members serving three-year terms: three directors, including those designated as Chairman and Deputy Chairman, are appointed by the Board of Governors, and six directors are elected by member banks. Of the six elected by member banks, three represent the public and three represent member banks. Member banks are divided into three classes according to size. Member banks in each class elect one director representing member banks and one representing the public. In any election of directors, each member bank receives one vote, regardless of the number of shares of Reserve Bank stock it holds.

## 2. OPERATIONS AND SERVICES

The System performs a variety of services and operations. Functions include formulating and conducting monetary policy; participating actively in the payments mechanism, including large-dollar transfers of funds, automated clearinghouse (“ACH”) operations and check processing; distributing coin and currency; performing fiscal agency functions for the U.S. Treasury and certain federal agencies; serving as the federal government’s bank; providing short-term loans to depository institutions; serving the consumer and the community by providing educational materials and information regarding consumer laws; supervising bank holding companies, state member banks, and U.S. offices of foreign banking organizations; and administering other regulations of the Board of Governors. The Board of Governors’ operating costs are funded through assessments on the Reserve Banks.

In performing fiscal agency functions for the U.S. Treasury, the Bank provides savings bond processing services. In December 2003, the U.S. Treasury announced plans to consolidate the provision of these services at the Federal Reserve Banks of Cleveland and Minneapolis. An implementation plan is expected to be announced in March 2004. At this time, the Bank has not developed a detailed estimate of the financial effect of the consolidation.

The FOMC establishes policy regarding open market operations, oversees these operations, and issues authorizations and directives to the Bank for its execution of transactions. Authorized transaction types include direct purchase and sale of securities, matched sale-purchase transactions, the purchase of securities under agreements to resell, the sale of securities under agreements to repurchase, and the lending of U.S. government securities. The Bank is also authorized by the FOMC to hold balances of, and to execute spot and forward foreign exchange (“F/X”) and securities contracts in, nine foreign currencies; maintain reciprocal currency arrangements (“F/X swaps”) with various central banks; and “warehouse” foreign currencies for the U.S. Treasury and Exchange Stabilization Fund (“ESF”) through the Reserve Banks.

## 3. SIGNIFICANT ACCOUNTING POLICIES

Accounting principles for entities with the unique powers and responsibilities of the nation’s central bank have not been formulated by the Financial Accounting Standards Board. The Board of Governors has developed specialized accounting principles and practices that it believes are appropriate for the significantly different nature and function of a central bank as compared with the private sector. These accounting principles and practices are documented in the Financial Accounting Manual for Federal Reserve Banks (“Financial Accounting Manual”), which is issued

by the Board of Governors. All Reserve Banks are required to adopt and apply accounting policies and practices that are consistent with the Financial Accounting Manual.

The financial statements have been prepared in accordance with the Financial Accounting Manual. Differences exist between the accounting principles and practices of the System and accounting principles generally accepted in the United States of America ("GAAP"). The primary differences are the presentation of all security holdings at amortized cost, rather than at the fair value presentation requirements of GAAP, and the accounting for matched sale-purchase transactions as separate sales and purchases, rather than secured borrowings with pledged collateral, as is generally required by GAAP. In addition, the Bank has elected not to present a Statement of Cash Flows. The Statement of Cash Flows has not been included, because the liquidity and cash position of the Bank are not of primary concern to the users of these financial statements. Other information regarding the Bank's activities is provided in, or may be derived from, the Statements of Condition, Income, and Changes in Capital. A Statement of Cash Flows, therefore, would not provide any additional useful information. There are no other significant differences between the policies outlined in the Financial Accounting Manual and GAAP.

Each Reserve Bank provides services on behalf of the System for which costs are not shared. Major services provided on behalf of the System by the Bank, for which the costs were not redistributed to other Reserve Banks, include the Wholesale Payments Product Office, application development work and centralized business administration functions for wholesale payments services, and two national information technology competency centers dealing with incident response and remote access.

The preparation of the financial statements in conformity with the Financial Accounting Manual requires management to make certain estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates. Unique accounts and significant accounting policies are explained below.

#### a. Gold Certificates

The Secretary of the Treasury is authorized to issue gold certificates to the Reserve Banks to monetize gold held by the U.S. Treasury. Payment for the gold certificates by the Reserve Banks is made by crediting equivalent amounts in dollars into the



account established for the U.S. Treasury. These gold certificates held by the Reserve Banks are required to be backed by the gold of the U.S. Treasury. The U.S. Treasury may reacquire the gold certificates at any time and the Reserve Banks must deliver them to the U.S. Treasury. At such time, the U.S. Treasury's account is charged and the Reserve Banks' gold certificate accounts are lowered. The value of gold for purposes of backing the gold certificates is set by law at \$42 2/9 a fine troy ounce. The Board of Governors allocates the gold certificates among Reserve Banks once a year based on average Federal Reserve notes outstanding in each District.

#### **b. Special Drawing Rights Certificates**

Special drawing rights ("SDRs") are issued by the International Monetary Fund ("Fund") to its members in proportion to each member's quota in the Fund at the time of issuance. SDRs serve as a supplement to international monetary reserves and may be transferred from one national monetary authority to another. Under the law providing for U.S. participation in the SDR system, the Secretary of the U.S. Treasury is authorized to issue SDR certificates, somewhat like gold certificates, to the Reserve Banks. At such time, equivalent amounts in dollars are credited to the account established for the U.S. Treasury, and the Reserve Banks' SDR certificate accounts are increased. The Reserve Banks are required to purchase SDR certificates, at the direction of the U.S. Treasury, for the purpose of financing SDR certificate acquisitions or for financing exchange stabilization operations. At the time SDR transactions occur, the Board of Governors allocates SDR certificate transactions among Reserve Banks based upon Federal Reserve notes outstanding in each District at the end of the preceding year. There were no SDR transactions in 2003 or 2002.

#### **c. Loans to Depository Institutions**

The Depository Institutions Deregulation and Monetary Control Act of 1980 provides that all depository institutions that maintain reservable transaction accounts or nonpersonal time deposits, as defined in Regulation D issued by the Board of Governors, have borrowing privileges at the discretion of the Reserve Banks. Borrowers execute certain lending agreements and deposit sufficient collateral before credit is extended. Loans are evaluated for collectibility, and currently all are considered collectible and fully collateralized. If loans were ever deemed to be uncollectible, an appropriate reserve would be established. Interest is accrued using the applicable discount rate established at least every fourteen days by the Boards of Directors of the Reserve Banks, subject to review by the Board of Governors.

#### d. U.S. Government and Federal Agency Securities and Investments

##### Denominated in Foreign Currencies

The Bank has been designated by the FOMC to execute open market transactions on its behalf and to hold the resulting securities in the portfolio known as the System Open Market Account (“SOMA”). In addition to authorizing and directing operations in the domestic securities market, the FOMC authorizes and directs the Bank to execute operations in foreign markets for major currencies in order to counter disorderly conditions in exchange markets or to meet other needs specified by the FOMC in carrying out the System’s central bank responsibilities. Such authorizations are reviewed and approved annually by the FOMC.

In December 2002, the Bank replaced matched sale-purchase (“MSP”) transactions with securities sold under agreements to repurchase. MSP transactions, accounted for as separate sale and purchase transactions, are transactions in which the Bank sells a security and buys it back at the rate specified at the commencement of the transaction. Securities sold under agreements to repurchase are treated as secured borrowing transactions, with the associated interest expense recognized over the life of the transaction.

In addition to the aforementioned matched sale-purchase transactions and sales of securities under agreements to repurchase, the Bank may engage in tri-party purchases of securities under agreements to resell (“tri-party agreements”). Tri-party agreements are conducted with two custodial banks that manage the clearing and settlement of collateral. Acceptable collateral under tri-party agreements primarily includes U.S. government and agency securities; pass-through mortgage securities of the Government National Mortgage Association, Federal Home Loan Mortgage Corporation, and Federal National Mortgage Association; STRIP securities of the U.S. government; and “stripped” securities of other government agencies. The tri-party agreements are accounted for as financing transactions, with the associated interest income accrued over the life of the agreement.

The Bank has sole authorization by the FOMC to lend U.S. government securities held in the SOMA to U.S. government securities dealers and to banks participating in U.S. government securities clearing arrangements on behalf of the System, in order to facilitate the effective functioning of the domestic securities market. These securities-lending transactions are fully collateralized by other U.S. government securities. FOMC policy requires the Bank to take possession of collateral in excess of the market values of the securities loaned. The market values of the collateral and the securities loaned are monitored by the Bank on a daily basis, with additional collateral obtained as necessary. The securities loaned continue to be accounted for in the SOMA.

F/X contracts are contractual agreements between two parties to exchange specified currencies, at a specified price on a specified date. Spot foreign contracts normally settle two days after the trade date, whereas the settlement date on forward contracts is negotiated between the contracting parties, but will extend beyond two days from the trade date. The Bank generally enters into spot contracts, with any forward contracts generally limited to the second leg of a swap/warehousing transaction.

The Bank, on behalf of the Reserve Banks, maintains renewable, short-term F/X swap arrangements with two authorized foreign central banks. The parties agree to exchange their currencies up to a pre-arranged maximum amount and for an agreed-upon period of time (up to twelve months), at an agreed-upon interest rate. These arrangements give the FOMC temporary access to foreign currencies it may need for intervention operations to support the dollar and give the partner foreign central bank temporary access to dollars it may need to support its own currency. Drawings under the F/X swap arrangements can be initiated by either the Bank or the partner foreign central bank and must be agreed to by the drawee. The F/X swaps are structured so that the party initiating the transaction (the drawer) bears the exchange rate risk upon maturity. The Bank will generally invest the foreign currency received under an F/X swap in interest-bearing instruments.

Warehousing is an arrangement under which the FOMC agrees to exchange, at the request of the Treasury, U.S. dollars for foreign currencies held by the Treasury or ESF over a limited period of time. The purpose of the warehousing facility is to supplement the U.S. dollar resources of the Treasury and ESF for financing purchases of foreign currencies and related international operations.

In connection with its foreign currency activities, the Bank, on behalf of the Reserve Banks, may enter into contracts that contain varying degrees of off-balance-sheet market risk, because they represent contractual commitments involving future settlement, and counterparty credit risk. The Bank controls credit risk by obtaining credit approvals, establishing transaction limits, and performing daily monitoring procedures.

While the application of current market prices to the securities currently held in the SOMA portfolio and investments denominated in foreign currencies may result in values substantially above or below their carrying values, these unrealized changes in value would have no direct effect on the quantity of reserves available to the banking system or on the prospects for future Reserve Bank earnings or capital. Both the domestic and foreign components of the SOMA portfolio from time to time involve

transactions that may result in gains or losses when holdings are sold prior to maturity. Decisions regarding the securities and foreign currency transactions, including their purchase and sale, are motivated by monetary policy objectives rather than profit. Accordingly, market values, earnings, and any gains or losses resulting from the sale of such currencies and securities are incidental to the open market operations and do not motivate its activities or policy decisions.

U.S. government and federal agency securities and investments denominated in foreign currencies comprising the SOMA are recorded at cost, on a settlement-date basis, and adjusted for amortization of premiums or accretion of discounts on a straight-line basis. Interest income is accrued on a straight-line basis and is reported as "Interest on U.S. government and federal agency securities" or "Interest on investments denominated in foreign currencies," as appropriate. Income earned on securities-lending transactions is reported as a component of "Other income." Gains resulting from sales of securities are determined by specific issues based on average cost. Gains on the sales of U.S. government and federal agency securities are reported as "U.S. government securities gains, net." Foreign-currency-denominated assets are revalued daily at current market exchange rates in order to report these assets in U.S. dollars. Realized and unrealized gains and losses on investments denominated in foreign currencies are reported as "Foreign currency gains, net." Foreign currencies held through F/X swaps, when initiated by the counterparty, and warehousing arrangements are revalued daily with the unrealized gain or loss reported by the Bank as a component of "Other assets" or "Other liabilities," as appropriate.

Balances of U.S. government and federal agency securities bought outright, securities sold under agreements to repurchase, securities loaned, investments denominated in foreign currency, interest income and expense, securities-lending fee income, amortization of premiums and discounts on securities bought outright, gains and losses on sales of securities, and realized and unrealized gains and losses on investments denominated in foreign currencies, excluding those held under an F/X swap arrangement, are allocated to each Reserve Bank. Securities purchased under agreements to resell and unrealized gains and losses on the revaluation of foreign currency holdings under F/X swaps and warehousing arrangements are allocated to the Bank and not to other Reserve Banks.

In 2003, additional interest income of \$61 million representing one day's interest on the SOMA portfolio was accrued to reflect a change in interest accrual methods, of which \$26 million was allocated to the Bank. Interest accruals and the amortization of premiums and discounts are now recognized beginning the day that a security is purchased and ending the day before the security matures or is sold. Previously,

accruals and amortization began the day after the security was purchased and ended on the day that the security matured or was sold. The effect of this change was not material; therefore, it was included in the 2003 interest income.

#### e. Bank Premises, Equipment, and Software

Bank premises and equipment are stated at cost less accumulated depreciation. Depreciation is calculated on a straight-line basis over estimated useful lives of assets ranging from two to fifty years. Major alterations, renovations, and improvements are capitalized at cost as additions to the asset accounts. Maintenance, repairs, and minor replacements are charged to operations in the year incurred. Costs incurred for software, either developed internally or acquired for internal use, during the application development stage are capitalized based on the cost of direct services and materials associated with designing, coding, installing, or testing software. Capitalized software costs are amortized on a straight-line basis over the estimated useful lives of the software applications, which range from two to five years.

In October 2002, the Bank sold property at 95 Maiden Lane. The gain on the sale of \$3.2 million is reported as “Other income.”

#### f. Interdistrict Settlement Account

At the close of business each day, all Reserve Banks and branches assemble the payments due to or from other Reserve Banks and branches as a result of transactions involving accounts residing in other Districts that occurred during the day’s operations. Such transactions may include funds settlement, check clearing and ACH operations, and allocations of shared expenses. The cumulative net amount due to or from other Reserve Banks is reported as the “Interdistrict settlement account.”

#### g. Federal Reserve Notes

Federal Reserve notes are the circulating currency of the United States. These notes are issued through the various Federal Reserve agents (the Chairman of the Board of Directors of each Reserve Bank) to the Reserve Banks upon deposit with such agents of certain classes of collateral security, typically U.S. government securities. These notes are identified as issued to a specific Reserve Bank. The Federal Reserve Act provides that the collateral security tendered by the Reserve Bank to the Federal Reserve agent must be equal to the sum of the notes applied for by such Reserve Bank. In 2003, the Federal Reserve Act was amended to expand the assets eligible to be pledged as collateral security to include all Federal Reserve Bank assets. Prior to the amendment, only gold certificates, special drawing rights certificates, U.S. government and federal agency securities, securities purchased under agreements to

resell, loans to depository institutions, and investments denominated in foreign currencies could be pledged as collateral. The collateral value is equal to the book value of the collateral tendered, with the exception of securities, whose collateral value is equal to the par value of the securities tendered and securities purchased under agreements to resell, which are valued at the contract amount. The par value of securities pledged for securities sold under agreements to repurchase is similarly deducted. The Board of Governors may, at any time, call upon a Reserve Bank for additional security to adequately collateralize the Federal Reserve notes. The Reserve Banks have entered into an agreement that provides for certain assets of the Reserve Banks to be jointly pledged as collateral for the Federal Reserve notes of all Reserve Banks in order to satisfy their obligation of providing sufficient collateral for outstanding Federal Reserve notes. In the event that this collateral is insufficient, the Federal Reserve Act provides that Federal Reserve notes become a first and paramount lien on all the assets of the Reserve Banks. Finally, as obligations of the United States, Federal Reserve notes are backed by the full faith and credit of the U.S. government.

The “Federal Reserve notes outstanding, net” account represents the Bank’s Federal Reserve notes outstanding, reduced by its currency holdings of \$23,793 million and \$24,922 million at December 31, 2003, and December 31, 2002, respectively.

#### **h. Capital Paid-in**

The Federal Reserve Act requires that each member bank subscribe to the capital stock of the Reserve Bank in an amount equal to 6 percent of the capital and surplus of the member bank. As a member bank’s capital and surplus change, its holdings of the Reserve Bank’s stock must be adjusted. Member banks are those state-chartered banks that apply and are approved for membership in the System and all national banks. Currently, only one-half of the subscription is paid-in and the remainder is subject to call. These shares are nonvoting with a par value of \$100. They may not be transferred or hypothecated. By law, each member bank is entitled to receive an annual dividend of 6 percent on the paid-in capital stock. This cumulative dividend is paid semiannually. A member bank is liable for Reserve Bank liabilities up to twice the par value of stock subscribed by it.

#### **i. Surplus**

The Board of Governors requires Reserve Banks to maintain a surplus equal to the amount of capital paid-in as of December 31. This amount is intended to provide additional capital and reduce the possibility that the Reserve Banks would be required to call on member banks for additional capital. Pursuant to Section 16 of

the Federal Reserve Act, Reserve Banks are required by the Board of Governors to transfer to the U.S. Treasury as interest on Federal Reserve notes excess earnings, after providing for the costs of operations, payment of dividends, and reservation of an amount necessary to equate surplus with capital paid-in.

In the event of losses or a substantial increase in capital, payments to the U.S. Treasury are suspended until such losses or increases in capital are recovered through subsequent earnings. Weekly payments to the U.S. Treasury may vary significantly.

#### **j. Income and Costs Related to Treasury Services**

The Bank is required by the Federal Reserve Act to serve as fiscal agent and depository of the United States. By statute, the Department of the Treasury is permitted, but not required, to pay for these services.

#### **k. Taxes**

The Reserve Banks are exempt from federal, state, and local taxes, except for taxes on real property. The Bank's real property taxes were \$7 million for each of the years ended December 31, 2003, and December 31, 2002, respectively, and are reported as a component of "Occupancy expense."

#### **l. Recent Accounting Developments**

In May 2003, the Financial Accounting Standards Board issued SFAS No. 150, "Accounting for Certain Financial Instruments with Characteristics of both Liabilities and Equity." SFAS No. 150, which will become applicable for the Bank in 2004, establishes standards for how an issuer classifies and measures certain financial instruments with characteristics of both liabilities and equity and imposes certain additional disclosure requirements. When adopted, there may be situations in which the Bank has not yet processed a member bank's application to redeem its Reserve Bank stock. In those situations, this standard requires that the portion of the capital paid-in that is mandatorily redeemable be reclassified as debt.

#### **m. 2003 Restructuring Charges**

In 2003, the System restructured several operations, primarily in the check and cash services. The restructuring included streamlining the management and support structures, reducing staff, decreasing the number of processing locations, and increasing processing capacity in the remaining locations.

Note 10 describes the restructuring and provides information about the Bank's costs and liabilities associated with employee separations and contract terminations.

The costs associated with the write-down of certain Bank assets are discussed in note 6. Costs and liabilities associated with enhanced pension benefits for all Reserve Banks are recorded on the books of the Bank as discussed in note 8, and those associated with the Bank's enhanced postretirement benefits are disclosed in note 9.

#### 4. U.S. GOVERNMENT AND FEDERAL AGENCY SECURITIES

Securities bought outright are held in the SOMA at the Bank. An undivided interest in SOMA activity and the related premiums, discounts, and income, with the exception of securities purchased under agreements to resell, is allocated to each Reserve Bank on a percentage basis derived from an annual settlement of inter-district clearings. The settlement, performed in April of each year, equalizes Reserve Bank gold certificate holdings to Federal Reserve notes outstanding. The Bank's allocated share of SOMA balances was approximately 42.783 percent and 39.346 percent at December 31, 2003, and December 31, 2002, respectively.

The Bank's allocated share of securities held in the SOMA at December 31 that were bought outright was as follows:

	Amount (in Millions)	
	2003	2002
Par value:		
Federal agency	\$ —	\$ 4
U.S. government:		
Bills	104,747	89,191
Notes	138,345	117,209
Bonds	42,129	41,247
Total par value	285,221	247,651
Unamortized premiums	4,192	4,235
Unaccreted discounts	(383)	(415)
<b>Total allocated to Bank</b>	<b>\$289,030</b>	<b>\$251,471</b>

The total of SOMA securities bought outright was \$675,569 million and \$639,125 million at December 31, 2003, and December 31, 2002, respectively.

As mentioned in note 3, the Bank replaced MSP transactions with securities sold under agreements to repurchase in December 2002. At December 31, 2003, and December 31, 2002, securities sold under agreements to repurchase with a contract amount of \$25,652 million and \$21,091 million, respectively, were outstanding, of



which \$10,975 million and \$8,299 million were allocated to the Bank. At December 31, 2003, and December 31, 2002, securities sold under agreements to repurchase with a par value of \$25,658 million and \$21,098 million, respectively, were outstanding, of which \$10,977 million and \$8,301 million were allocated to the Bank.

The maturity distribution of U.S. government securities bought outright, securities purchased under agreements to resell, and securities sold under agreements to repurchase that were allocated to the Bank at December 31, 2003, was as follows (in millions):

Maturities of Securities Held	U.S. Government Securities (Par Value)	Securities	
		Purchased under Agreements to Resell (Contract Amount)	Securities Sold under Agreements to Repurchase (Contract Amount)
Within 15 days	\$ 20,422	\$43,750	\$10,975
16 to 90 days	59,617	—	—
91 days to 1 year	70,195	—	—
Over 1 year to 5 years	80,029	—	—
Over 5 years to 10 years	21,953	—	—
Over 10 years	33,005	—	—
<b>Total</b>	<b>\$285,221</b>	<b>\$43,750</b>	<b>\$10,975</b>

At December 31, 2003, and December 31, 2002, U.S. government securities with par values of \$4,426 million and \$1,841 million, respectively, were loaned from the SOMA, of which \$1,894 million and \$724 million were allocated to the Bank.

## 5. INVESTMENTS DENOMINATED IN FOREIGN CURRENCIES

The Bank, on behalf of the Reserve Banks, holds foreign currency deposits with foreign central banks and the Bank for International Settlements and invests in foreign government debt instruments. Foreign government debt instruments held include both securities bought outright and securities purchased under agreements to resell. These investments are guaranteed as to principal and interest by the foreign governments.

Each Reserve Bank is allocated a share of foreign-currency-denominated assets, the related interest income, and realized and unrealized foreign currency gains and losses, with the exception of unrealized gains and losses on F/X swaps and warehousing transactions. This allocation is based on the ratio of each Reserve Bank's capital and surplus to aggregate capital and surplus at the preceding December 31.

The Bank's allocated share of investments denominated in foreign currencies was approximately 21.586 percent and 20.484 percent at December 31, 2003, and December 31, 2002, respectively.

The Bank's allocated share of investments denominated in foreign currencies, valued at current foreign currency market exchange rates at December 31, was as follows:

	Amount (in Millions)	
	2003	2002
European Union euros:		
Foreign currency deposits	\$1,483	\$1,143
Government debt instruments including agreements to resell	883	676
Japanese yen:		
Foreign currency deposits	318	366
Government debt instruments including agreements to resell	1,585	1,263
Accrued interest	20	17
<b>Total</b>	<b>\$4,289</b>	<b>\$3,465</b>

Total investments denominated in foreign currencies were \$19,868 million and \$16,913 million at December 31, 2003, and December 31, 2002, respectively.

The maturity distribution of investments denominated in foreign currencies that were allocated to the Bank at December 31, 2003, was as follows:

Maturities of Investments Denominated in Foreign Currencies	Amount (in Millions)
Within 1 year	\$3,938
Over 1 year to 5 years	279
Over 5 years to 10 years	72
Over 10 years	—
<b>Total</b>	<b>\$4,289</b>

At December 31, 2003, and December 31, 2002, there were no outstanding F/X swaps or material open foreign exchange contracts.

At December 31, 2003, and December 31, 2002, the warehousing facility was \$5,000 million, with no balance outstanding.

## 6. BANK PREMISES, EQUIPMENT, AND SOFTWARE

A summary of bank premises and equipment at December 31 is as follows:

	Amount (in Millions)	
	2003	2002
Bank premises and equipment:		
Land	\$ 21	\$ 21
Buildings	193	188
Building machinery and equipment	64	53
Construction in progress	12	15
Furniture and equipment	191	215
Subtotal	481	492
Accumulated depreciation	(235)	(241)
Bank premises and equipment, net	\$246	\$251
Depreciation expense, for the years ended	\$ 28	\$ 29

The Bank leases unused space to outside tenants. Those leases have terms ranging from one to ten years. Rental income from such leases was \$2 million and \$1 million for the years ended December 31, 2003, and December 31, 2002, respectively. Future minimum lease payments under noncancelable agreements in existence at December 31, 2003, were:

	Amount (in Millions)
2004	\$ 2
2005	2
2006	2
2007	2
2008	2
Thereafter	6
	<u>\$16</u>

The Bank has capitalized software assets, net of amortization, of \$18 million and \$15 million at December 31, 2003, and December 31, 2002, respectively. Amortization expense was \$4 million for each of the years ended December 31, 2003, and December 31, 2002, respectively.

Assets impaired as a result of the Bank's restructuring and streamlining plans, discussed in note 10, include building and equipment. Asset impairment losses of \$1 million for the period ending December 31, 2003, were determined using fair values based on quoted market values or other valuation techniques and are reported as a component of "Other expenses."

## 7. COMMITMENTS AND CONTINGENCIES

At December 31, 2003, the Bank was obligated under noncancelable leases for premises and equipment with terms ranging from one to approximately twenty years. These leases provide for increased rental payments based upon increases in real estate taxes, operating costs, or selected price indices.

Rental expense under operating leases for certain operating facilities and data processing and office equipment (including taxes, insurance, and maintenance when included in rent), net of sublease rentals, was \$15 million and \$14 million for the years ended December 31, 2003, and December 31, 2002, respectively. Certain of the Bank's leases have options to renew.

Future minimum rental payments under noncancelable operating leases, net of sublease rentals with terms of one year or more, at December 31, 2003, were (in millions):

	Operating Leases
2004	\$ 5
2005	5
2006	5
2007	5
2008	6
Thereafter	122
	<u>\$148</u>

At December 31, 2003, there were no other commitments and long-term obligations in excess of one year.

Under the Insurance Agreement of the Federal Reserve Banks dated as of March 2, 1999, each of the Reserve Banks has agreed to bear, on a per-incident basis, a pro rata share of losses in excess of 1 percent of the capital paid-in of the claiming Reserve Bank, up to 50 percent of the total capital paid-in of all Reserve Banks. Losses are borne in the ratio that a Reserve Bank's capital paid-in bears to the total capital paid-in of all Reserve Banks at the beginning of the calendar year in which the loss is shared. No claims were outstanding under such agreement at December 31, 2003, or December 31, 2002.

The Bank is involved in certain legal actions and claims arising in the ordinary course of business. Although it is difficult to predict the ultimate outcome of these actions, in management's opinion, based on discussions with counsel, the aforementioned litigation and claims will be resolved without material adverse effect on the financial position or results of operations of the Bank.

## 8. RETIREMENT AND THRIFT PLANS

### Retirement Plans

The Bank currently offers two defined benefit retirement plans to its employees, based on length of service and level of compensation. Substantially all of the employees of the Reserve Banks, the Board of Governors, and the Plan Administrative Office participate in the Retirement Plan for Employees of the Federal Reserve System ("System Plan") and the Benefit Equalization Retirement Plan ("BEP"). In addition, certain Bank officers participate in a Supplemental Employee Retirement Plan ("SERP").

The System Plan is a multi-employer plan with contributions fully funded by participating employers. Participating employers are the Federal Reserve Banks, the Board of Governors of the Federal Reserve System, and the Office of Employee Benefits of the Federal Reserve Employee Benefits System. Certain Board employees not covered by the Social Security Act also contribute to the plan. No separate accounting is maintained of assets contributed by the participating employers. The Bank acts as a sponsor of this plan for the System, and costs associated with the plan are not redistributed to other participating employers. The prepaid pension cost includes amounts related to the participating employees of all employers who participate in the plans.

Following is a reconciliation of the beginning and ending balances of the System Plan benefit obligation:

	Amount (in Millions)	
	2003	2002
Estimated actuarial present value of projected benefit obligation at January 1	\$3,523	\$3,091
Service cost—benefits earned during the period	109	104
Interest cost on projected benefit obligation	232	226
Special termination benefits/amendments	67	143
Actuarial loss	192	126
Contributions by plan participants	4	3
Benefits paid	(197)	(170)
<b>Estimated actuarial present value of projected benefit obligation at December 31</b>	<b>\$3,930</b>	<b>\$3,523</b>

Following is a reconciliation showing the beginning and ending balance of the System Plan assets, the funded status, and the prepaid pension benefit costs:

	Amount (in Millions)	
	2003	2002
Estimated fair value of plan assets at January 1	\$4,997	\$5,795
Actual return on plan assets	899	(631)
Contributions by plan participants	4	3
Employer contributions	—	—
Benefits paid	(197)	(170)
<b>Estimated fair value of plan assets at December 31</b>	<b>\$5,703</b>	<b>\$4,997</b>
Funded status	1,774	1,474
Unrecognized prior service cost	197	223
Unrecognized net actuarial loss	710	1,042
<b>Prepaid pension benefit costs</b>	<b>\$2,681</b>	<b>\$2,739</b>

Note: Prepaid pension benefit costs are reported as “Federal Reserve System prepaid pension benefit costs.”

The accumulated benefit obligation for the defined benefit pension plan was \$3,456 million and \$2,996 million at December 31, 2003, and December 31, 2002, respectively.

The weighted-average assumptions used in developing the pension benefit obligation for the System Plan as of December 31 are as follows:

	2003	2002
Discount rate	6.25%	6.75%
Rate of compensation increase	4.00%	4.25%

The weighted-average assumptions used in developing net periodic benefit cost for the System Plan for the years ending December 31 are as follows:

	2003	2002
Discount rate	6.75%	7.00%
Expected asset return	8.50%	9.00%
Rate of compensation increase	4.25%	4.50%

The long-term rate of return on assets was based on a combination of methodologies, including the System Plan's historical returns, surveys of what other plans' expected rates of return are, building a projected return for equities and fixed-income investments based on real interest rates, inflation expectations and equity risk premiums, and finally, surveys of expected returns in equity and fixed-income markets.

The components of net periodic pension benefit cost (credit) for the System Plan as of December 31 are shown below:

	Amount (in Millions)	
	2003	2002
Service cost—benefits earned during the period	\$109	\$ 104
Interest cost on projected benefit obligation	232	226
Amortization of prior service cost	26	27
Recognized net loss	42	—
Expected return on plan assets	(418)	(514)
Net periodic pension benefit (credit)	(9)	(157)
Special termination benefits	67	—
<b>Net periodic pension benefit cost (credit)</b>	<b>\$ 58</b>	<b>\$(157)</b>

The recognition of special termination benefits is the result of enhanced retirement benefits provided to 1,184 System employees in conjunction with the restructuring disclosed in note 10. Net periodic pension benefit cost (credit) is reported as “Net periodic pension cost (credit).”

The Federal Reserve System’s pension plan weighted-average asset allocations at December 31 by asset category are as follows:

	2003	2002
Equities	61.9%	64.6%
Fixed income	34.8%	32.2%
Cash	3.3%	3.2%
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>

The System’s Committee on Investment Performance (CIP) contracts with investment managers who are responsible for implementing the System Plan’s investment policies. The managers’ performance is measured against a trailing thirty-six-month benchmark of 60 percent of a market-value-weighted index of predominantly large capitalization stocks trading on the New York Stock Exchange, the American Stock Exchange, and the National Association of Securities Dealers Automated Quotation National Market System and 40 percent of a broadly diversified investment-grade fixed-income index (rebalanced monthly). The managers invest plan funds within CIP-established guidelines for investment in equities and fixed-income instruments. Equity investments can range between 40 percent and 80 percent of the portfolio. Investments, however, cannot be concentrated in particular industries, and equity security holdings of any one company are limited. Fixed-income securities must be investment grade and the effective duration of the fixed-income portfolio must remain within a range of 67 percent and 150 percent of a broadly diversified investment-grade fixed-income index. System Plan investment policies prohibit margin, short sale, foreign exchange, and commodities trading as well as investment in bank, bank holding company, savings and loan, and government securities dealers’ stocks. In addition, investments in non-dollar-denominated securities are prohibited; however, a small portion of the portfolio can be invested in American Depositary Receipts/Shares.



The Federal Reserve System does not expect to make a cash contribution to the Retirement Plan during 2004.

The Bank's projected benefit obligation and net pension costs for the BEP and the SERP at December 31, 2003, and December 31, 2002, and for the years then ended, are not material.

#### Thrift Plan

Employees of the Reserve Banks may also participate in the defined contribution Thrift Plan for Employees of the Federal Reserve System ("Thrift Plan"). The Bank's Thrift Plan contributions totaled \$13 million and \$12 million for the years ended December 31, 2003, and December 31, 2002, respectively, and are reported as a component of "Salaries and other benefits."

### 9. POSTRETIREMENT BENEFITS OTHER THAN PENSIONS, AND POSTEMPLOYMENT BENEFITS

#### Postretirement Benefits Other Than Pensions

In addition to the Bank's retirement plans, employees who have met certain age and length-of-service requirements are eligible for both medical benefits and life insurance coverage during retirement.

The Bank funds benefits payable under the medical and life insurance plans as due and, accordingly, has no plan assets. Net postretirement benefit costs are actuarially determined using a January 1 measurement date.

Following is a reconciliation of beginning and ending balances of the benefit obligation:

	Amount (in Millions)	
	2003	2002
Accumulated postretirement benefit obligation at January 1	\$187.2	\$150.8
Service cost—benefits earned during the period	4.0	4.0
Interest cost of accumulated benefit obligation	12.3	11.8
Actuarial loss	34.5	28.3
Contributions by plan participants	0.6	0.9
Special termination loss	0.3	—
Benefits paid	(9.2)	(8.6)
<b>Accumulated postretirement benefit obligation at December 31</b>	<b>\$229.7</b>	<b>\$187.2</b>

Following is a reconciliation of the beginning and ending balances of the plan assets, the unfunded postretirement benefit obligation, and the accrued postretirement benefit costs:

	Amount (in Millions)	
	2003	2002
<b>Fair value of plan assets at January 1</b>	<b>\$ —</b>	<b>\$ —</b>
Contributions by the employer	8.6	7.7
Contributions by plan participants	0.6	0.9
Benefits paid	(9.2)	(8.6)
<b>Fair value of plan assets at December 31</b>	<b>\$ —</b>	<b>\$ —</b>
Unfunded postretirement benefit obligation	\$229.7	\$187.2
Unrecognized prior service gain	10.4	11.5
Unrecognized net actuarial loss	(70.6)	(37.1)
<b>Accrued postretirement benefit costs</b>	<b>\$169.5</b>	<b>\$161.6</b>
Note: Accrued postretirement benefit costs are reported as a component of "Accrued benefit costs."		

At December 31, 2003, and December 31, 2002, the weighted-average discount rate assumptions used in developing the postretirement benefit obligation were 6.25 percent and 6.75 percent, respectively.

For measurement purposes, a 10 percent annual rate of increase in the cost of covered health care benefits was assumed for 2004. Ultimately, the health care cost trend rate is expected to decrease gradually to 5 percent by 2011 and remain at that level thereafter.

Assumed health care cost trend rates have a significant effect on the amounts reported for health care plans. A one-percentage-point change in assumed health care cost trend rates would have the following effects for the year ended December 31, 2003:

	Amount (in Millions)	
	One-Percentage-Point Increase	One-Percentage-Point Decrease
Effect on aggregate of service and interest cost components of net periodic postretirement benefit costs	\$3.0	\$ (2.4)
Effect on accumulated postretirement benefit obligation	\$34.5	\$(27.6)

The following is a summary of the components of net periodic postretirement benefit costs for the year ended December 31:

	Amount (in Millions)	
	2003	2002
Service cost—benefits earned during the period	\$ 3.9	\$ 4.0
Interest cost of accumulated benefit obligation	12.3	11.8
Amortization of prior service cost	(1.1)	(1.1)
<b>Total periodic expense</b>	<b>\$15.1</b>	<b>\$14.7</b>
Special termination loss	0.3	0.0
Recognized net actuarial loss	1.1	0.8
<b>Net periodic postretirement benefit costs</b>	<b>\$16.5</b>	<b>\$15.5</b>
Note: Net periodic postretirement benefit costs are reported as a component of “Salaries and other benefits.”		

The recognition of a special termination loss is the result of enhanced retirement benefits provided to employees during the restructuring described in note 10.

Following the guidance of the Financial Accounting Standards Board, the Bank elected to defer recognition of the financial effects of the Medicare Prescription Drug Improvement and Modernization Act of 2003 until further guidance is issued. Neither the accumulated postretirement benefit obligation at December 31, 2003, nor the net periodic postretirement benefit cost for the year then ended reflects the effect of the Act on the plan.

#### Postemployment Benefits

The Reserve Banks offer benefits to former or inactive employees. Postemployment benefit costs are actuarially determined and include the cost of medical and dental insurance, survivor income, and disability benefits. Costs were projected using the same discount rate and health care trend rates as were used for projecting postretirement costs. The accrued postemployment benefit costs recognized by the Bank at December 31, 2003, and December 31, 2002, were \$27 million and \$25 million, respectively. These costs are included as a component of “Accrued benefit costs.” Net periodic postemployment benefit costs included in 2003 and 2002 operating expenses were \$5 million and \$4 million, respectively.

## 10. RESTRUCTURING CHARGES

In 2003, the Bank announced plans for restructuring and streamlining operations to reduce costs, including consolidation of operations and staff reductions in various functions of the Bank. These actions resulted in the following business restructuring charges:

Major categories of expense:

	Amount (in Millions)				
	Total	Accrued	Total	Total	Accrued
	Estimated	Liability			Liability
	Cost	12/31/02	Charges	Paid	12/31/03
Employee separation	\$5	—	\$5	(\$4)	\$1
Contract termination	—	—	—	—	—
Other	—	—	—	—	—
<b>Total</b>	<b>\$5</b>	<b>—</b>	<b>\$5</b>	<b>(\$4)</b>	<b>\$1</b>

Employee separation costs are primarily severance costs related to identified staff reductions of approximately 120 staff and are reported as a component of “Salaries and other benefits.” Contract termination costs include the charges resulting from terminating existing lease and other contracts and are shown as a component of “Other expenses.”

Costs associated with the write-downs of certain Bank assets, including buildings and equipment, are discussed in note 6. Costs associated with enhanced pension benefits for all Reserve Banks are recorded on the books of the Bank as discussed in note 8. Costs associated with enhanced postretirement benefits are disclosed in note 9.

Future costs associated with restructuring that are not estimable are not recognized as liabilities.

The Bank anticipates substantially completing its announced plans by midyear 2004.