



Pension Benefit Guaranty Corporation

***Office of Inspector General***

Audit Report

**Audit of the Pension Benefit Guaranty Corporation's  
Fiscal Year 2014 and 2013 Financial Statements**

***November 14, 2014***

***AUD-2015-2/FA-14-101-2***

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# Pension Benefit Guaranty Corporation

Office of Inspector General  
1200 K Street, N.W., Washington, D.C. 20005-4026

To the Board of Directors  
Pension Benefit Guaranty Corporation

The Office of Inspector General (OIG) contracted with CliftonLarsonAllen LLP, an independent certified public accounting firm, to audit the financial statements of the Single-Employer and Multiemployer Program Funds administered by the Pension Benefit Guaranty Corporation (PBGC) as of and for the years ended September 30, 2014 and 2013. In the audit, CliftonLarsonAllen found:

- The financial statements were presented fairly, in all material respects, in conformity with accounting principles generally accepted in the United States of America;
- PBGC did not have effective internal control over financial reporting as of September 30, 2014.
  - Though some progress was made in addressing the three material weaknesses, serious internal control vulnerabilities in PBGC's programs and operations persist. Thus, the three material weaknesses remain: (1) Benefits Administration and Payment Department management and oversight, (2) entity-wide security program planning and management, and (3) access controls and configuration management.
  - Two new significant deficiencies are reported – a combination of flaws in financial reporting controls to assure data completeness and accuracy, and robust quality review process needed for the present value of nonrecoverable future financial assistance liability calculation.
- PBGC had one instance of noncompliance relating to the regulatory requirement to determine the fair market value of plan assets at the date of plan termination.

As a result, the auditors have concluded that the financial statement audit opinion is unmodified – that is, the highest opinion – however, they have also concluded that the opinion on internal control over financial reporting is adverse.

The three material weaknesses and the two new significant deficiencies are critical deficiencies. The existence of a material weakness is an indication that there is more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by management. Because of PBGC's weak control environment, the auditors cannot rely on management's control activities; they must conduct a greater amount of substantive testing to gain assurance that the financial information is fairly presented in all material respects. Consequently, this results in a change in the nature, timing and extent of their substantive procedures.

PBGC needs to focus on a control consciousness throughout the organization. Controls are vital to manage programs efficiently and effectively – they are not because the auditors say so. To be effective, those responsible for executing the controls must understand the control activities'

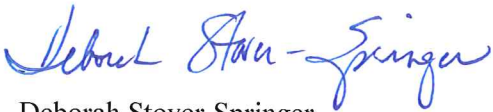
purposes, and the control activities to monitor staff execution, evaluate anomalous results for root cause, and document corrective action taken.

When examining financial reporting activities in FY 2014, information that should have been ready for examination if controls were being performed in the ordinary course of business was not consistently available. Some controls were not institutionalized but executed in response to audit requests, resulting in delays in the audit and difficulty obtaining answers. Inadequate controls and control failures create risk and impact the validity, completeness and accuracy of information. Notwithstanding these difficulties, PBGC management was able to provide sufficient evidence in response to the auditor's substantive procedures to support the amounts reported on the financial statements and the related footnotes.

CliftonLarsonAllen is responsible for the accompanying auditor's report dated November 14, 2014 and the conclusions expressed in the report. The OIG does not express opinions on PBGC's financial statements or internal control, nor do we draw conclusions on compliance with laws and regulations. CliftonLarsonAllen conducted their audit in accordance with auditing standards generally accepted in the United States of America; *Government Auditing Standards* issued by the Comptroller General of the United States; attestation standards established by the American Institute of Certified Public Accountants; and OMB Bulletin No. 14-02, *Audit Requirements for Federal Financial Statements*.

The financial statement audit report (AUD-2015-2 / FA-14-101-2) is also available on our website at <http://oig.pbgc.gov>.

Sincerely,



Deborah Stover-Springer  
Acting Inspector General

November 14, 2014



Audit of the Pension Benefit Guaranty Corporation's  
Fiscal Year 2014 and 2013 Financial Statements

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## Acronyms

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BAPD	Benefits and Payment Department
CPF	Comprehensive Premium Filing
DoPT	Date of Plan Termination
FISMA	Federal Security Information Management Act
FMFIA	Federal Managers' Financial Integrity Act of 1982
FOD	Financial Operations Department
FY	Fiscal Year
ISA	Interconnection Security Agreements
IT	Information Technology
IPVFB	Integrated Present Value of Future Benefits
NIST SP	National Institute of Standards and Technology Special Publication
NRAD	Negotiations and Restructuring Actuarial Division
OMB	Office of Management and Budget
PBGC	Pension Benefit Guaranty Corporation
PPS	Premium and Practitioner System
PRAD	Policy, Research and Analysis Department
PVFB	Present Value of Future Benefits
PV NRFFA	Present Value of Nonrecoverable Future Financial Assistance
SA&A	Security Assessment and Authorization
TA	Trust Accountants
TPD	Trust Processing Division
U.S.C.	United States Code
U.S.	United States of America

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**Section I**

**Independent Auditor's Report**



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CliftonLarsonAllen

CliftonLarsonAllen LLP  
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## INDEPENDENT AUDITOR'S REPORT

To the Board of Directors, Management  
and the Acting Inspector General of the  
Pension Benefit Guaranty Corporation

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the Pension Benefit Guaranty Corporation (PBGC), which comprise the statements of financial position as of September 30, 2014 and 2013, and the related statements of operations, net position and cash flows of the Single-Employer and Multiemployer Program Funds administered by the PBGC for the years then ended, and the related notes to the financial statements (financial statements).

### ***Management's Responsibility for the Financial Statements***

PBGC management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America (U.S.); including the design, implementation and maintenance of internal control over financial reporting relevant to the preparation and fair presentation of these financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditor's Responsibilities***

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of the financial statements in accordance with auditing standards generally accepted in the U.S.; the standards applicable to the financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and Office of Management and Budget (OMB) Bulletin No. 14-02, *Audit Requirements for Federal Financial Statements* (OMB Bulletin 14-02). Those standards and OMB Bulletin 14-02 require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of risks of material misstatement of the financial statements,

## INDEPENDENT AUDITOR'S REPORT (CONTINUED)

whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit of financial statements also involves evaluating the appropriateness of the accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### ***Opinion on the Financial Statements***

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Single-Employer and Multiemployer Program Funds administered by the PBGC as of September 30, 2014 and 2013, and the results of their operations and cash flows for the years then ended, in accordance with accounting principles generally accepted in the U.S.

### ***Emphasis of Matter***

By law, PBGC's Single-Employer and Multiemployer Program Funds must be self-sustaining. As of September 30, 2014, PBGC reported in its financial statements net deficit positions (liabilities in excess of assets) in the Single-Employer and Multiemployer Program Funds of \$19.3 billion and \$42.4 billion, respectively. As discussed in Note 9 to the financial statements, the potential losses from single-employer and multiemployer plans whose termination is reasonably possible as a result of unfunded vested benefits are estimated to be \$167.1 billion and \$17.2 billion, respectively. Management calculated the potential losses from single employer plans whose termination is reasonably possible based on the most recent data available from filings and submissions for plan years ended on or after December 31, 2012, and adjusted the value reported for liabilities to the estimated balance as of December 31, 2013, using actuarial assumptions. PBGC did not adjust the estimate for economic conditions that occurred between December 31, 2013 and September 30, 2014, and as a result, the actual loss for the Single-Employer Program as of September 30, 2014 could be substantially different. In addition, PBGC's net deficit and long-term viability could be further impacted by losses from plans classified as reasonably possible (or from other plans not yet identified as potential losses) as a result of deteriorating economic conditions, the insolvency of a large plan sponsor, or other factors. PBGC has been able to meet its short-term benefit obligations; however, as discussed in Note 1 to the financial statements, management believes that neither program at present has the resources to fully satisfy PBGC's long-term obligations to plan participants. Our opinion is not modified with respect to this matter.

### ***Other Information***

The Message from our Chair, Message from the Acting Director, Annual Performance Report, Operations in Brief, Customer Focus, Strategic Goals and Results, Steps to Improve Key Areas, Independent Evaluation of PBGC Programs, Fiscal Year 2014 Financial Statement Highlights, Management's Discussion and Analysis, PBGC Management Assurances and Internal Control Programs, Management Representation, Improper Payment Reporting, 2014 Actuarial Valuation, Letter of the Inspector General, Management's Response to Report of Independent Auditor and Organization contain a wide range of data, some of which is not directly related to the financial statements. This information is presented by PBGC for use by readers of the Annual Report and is not a required part of the financial statements. Also, this information has

## INDEPENDENT AUDITOR'S REPORT (CONTINUED)

not been subjected to the auditing procedures applied in the audit of the financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

### **Report on Internal Control over Financial Reporting**

We have audited PBGC's internal control over financial reporting as of September 30, 2014, based on criteria established under 31 U.S.C. 3512 (c), (d), commonly known as the Federal Managers' Financial Integrity Act of 1982 (FMFIA) and OMB Circular A-123, *Management's Responsibility for Internal Control*, as amended (OMB Circular A-123).

### ***Management's Responsibility for Internal Control***

PBGC management is responsible for maintaining effective internal control over financial reporting, and for its assertion of the effectiveness of internal control over financial reporting, included in the Annual Report.

### ***Auditor's Responsibilities***

Our responsibility is to express an opinion on PBGC's internal control over financial reporting based on our audit. We conducted our audit of internal control over financial reporting in accordance with attestation standards established by the American Institute of Certified Public Accountants and the attestation standards contained in *Government Auditing Standards*.

An audit of internal control over financial reporting includes obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, evaluating the design, and testing the operating effectiveness of internal control over financial reporting based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances.

### ***Definitions and Inherent Limitations of Internal Control over Financial Reporting***

An entity's internal control over financial reporting is a process effected by those charged by governance, management and other personnel, designed to provide reasonable assurance that (1) transactions are properly recorded, processed and summarized to permit the preparation of financial statements in accordance with accounting principles generally accepted in the U.S.;(2) assets are safeguarded against loss from unauthorized acquisition, use or disposition; and (3) transactions are executed in accordance with laws governing the use of budget authority and other applicable laws, regulations, contracts, and grant agreements that could have a direct and material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent, or detect and correct, misstatements due to fraud or error. We also caution that projecting our audit results to future periods is subject to the risk that controls may become inadequate because of changes in conditions or that the degree of compliance with controls may deteriorate.

## INDEPENDENT AUDITOR'S REPORT (CONTINUED)

### ***Opinion on Internal Control over Financial Reporting***

Because of the effect of material weaknesses described in Exhibit I, the PBGC has not maintained effective internal control over financial reporting as of September 30, 2014, based on criteria established under FMFIA and OMB Circular A-123.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the PBGC's financial statements will not be prevented, or detected and corrected on a timely basis. We consider the deficiencies listed below and described in Exhibit I to be material weaknesses:

1. Benefits Administration and Payment Department (BAPD) Management and Oversight
2. Entity-wide Security Program Planning and Management
3. Access Controls and Configuration Management

A *significant deficiency* is a deficiency, or combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance. We consider the following deficiencies which are described in Exhibit I, to be significant deficiencies:

4. Financial Reporting
5. Present Value of Nonrecoverable Future Financial Assistance (PV NRFFA)

### **Report on Compliance Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards***

#### ***Compliance with Laws, Regulations, Contracts and Grant Agreements***

In connection with our audits, we performed tests of the PBGC's compliance with certain provisions of laws, regulations, contracts and grant agreements. The results of our tests for the year ended September 30, 2014, disclosed one instance of noncompliance that is required to be reported in accordance with *Government Auditing Standards*, issued by the Comptroller General of the United States.

In material weakness number one, we noted instances where PBGC failed to determine the fair market value of plan assets at the date of plan termination as required by federal regulation. Title 29 of the *Code of Federal Regulation* §4044.41(b), General valuation rules, states: "Plan assets shall be valued at their fair market value, based on the method of valuation that most accurately reflects such fair market value."

#### ***Management's Responsibility***

Management is responsible for complying with applicable laws, regulations, contracts and grant agreements.



## INDEPENDENT AUDITOR'S REPORT (CONTINUED)

### ***Auditor's Responsibilities***

We are responsible for (1) testing compliance with certain provisions of laws, regulations, contracts and grant agreements that have a direct and material effect on the determination of financial statement amounts and applicable laws for which OMB Bulletin 14-02 requires testing.

We did not test compliance with all laws, regulations, contracts and grant agreements applicable to PBGC. We limited our tests of compliance to certain provisions of laws, regulations, contracts and grant agreements that have a direct and material effect on the determination of financial statement amounts and those laws and regulations required by OMB Bulletin 14-02. However, providing an opinion on compliance with those provisions was not an objective of our audits, and accordingly, we do not express such an opinion. We caution that noncompliance with laws, regulations, contracts and grant agreements may occur and not be detected by these tests and that such testing may not be sufficient for other purposes.

### ***Purpose of the Report on Compliance***

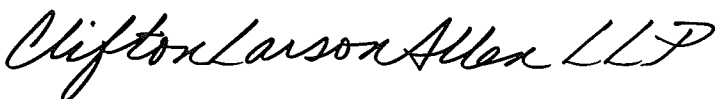
The purpose of the Report on Compliance is solely to describe the scope of our testing of compliance with laws, regulations, contracts and grant agreement and the result of that testing, and not to provide an opinion on the PBGC's compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering PBGC's compliance. Accordingly, this report is not suitable for any other purpose.

### ***Management's Response to Findings***

Management's response to the findings identified in our report is presented in Exhibit III. We did not audit PBGC's response and, accordingly, we express no opinion on it.

### ***Status of Prior Year's Control Deficiencies and Noncompliance Issues***

We have reviewed the status of PBGC's corrective actions with respect to the findings included in the prior year's Independent Auditors' Report, dated November 14, 2014. The status of prior year findings is presented in Exhibit II.



**CliftonLarsonAllen LLP**

Calverton, Maryland  
November 14, 2014

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**September 30, 2014**

**Background**

PBGC protects the pensions of approximately 41 million workers and retirees in nearly 24 thousand private defined benefit pension plans. Under Title IV of the Employee Retirement Income Security Act of 1974 (ERISA), PBGC insures, subject to statutory limits, pension benefits of participants in covered private defined benefit pension plans in the United States. To accomplish its mission and prepare its financial statements, PBGC relies extensively on the effective operation of the Benefits Administration and Payment Department (BAPD), Financial Operations Department (FOD), and information technology (IT). Internal controls over these operations are essential to ensure the confidentiality, integrity, and availability of critical financial and operational data while mitigating the risk of errors, fraud, and other illegal acts.

The establishment of a robust internal control framework and the implementation of the appropriate internal control activities are essential to PBGC operations. Internal controls include the processes and procedures that PBGC management has placed into operation to ensure that the programs achieve their intended results; resources used are consistent with agency mission; programs and resources are protected from waste, fraud, and mismanagement; laws and regulations are followed; and reliable and timely information is obtained, maintained, reported, and used for decision making, as stated in the OMB Circular A-123, *Management's Responsibility for Internal Control*. In order to reduce financial reporting and operational risks to PBGC as a whole, active involvement from PBGC's senior leadership in the monitoring and response to such risks is needed on a daily basis. Based on our findings, we are reporting that the deficiencies in the following areas constitute three material weaknesses for FY 2014:

1. BAPD Management and Oversight
2. Entity-wide Security Program Planning and Management
3. Access Controls and Configuration Management

We also are reporting the deficiencies in the following areas to be new significant deficiencies for FY 2014:

4. Financial Reporting
5. Present Value of Nonrecoverable Future Financial Assistance (PV NRFFA)

PBGC continued to remediate conditions that contribute to the previously identified deficiencies with its internal controls. We observed improvements to the BAPD operations and the IT environment. PBGC continued to lay the groundwork in the deployment of tools, acquisition of staff, and development of approaches that will enable PBGC to better manage the design, implementation, and operational effectiveness of its IT security controls. Also, PBGC continued to develop and implement procedures and processes for the consistent implementation of common security and configuration management controls to minimize security weaknesses. However, the agency is still developing and implementing corrective actions for some of these long-standing operational and IT security weaknesses, some of which are not scheduled for completion until FY 2018.

**1. BAPD Management and Oversight**

BAPD's control weaknesses over their valuation of plan benefits and related liabilities continue to merit senior leadership's focus. Although BAPD initiated corrective actions to

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address control weaknesses, a number of control deficiencies remain and continue to pose significant risks to PBGC's operations. These control deficiencies include inaccurate calculation of plan participants' benefits, inaccurate financial reporting, and noncompliance with prescribed laws and regulations. BAPD's management has taken a multi-year approach to remediate control weaknesses, but significant challenges remain as it undergoes leadership changes and significant restructuring.

We continue to identify the following control deficiencies:

**A. Calculation of the Present Value of Future Benefits (PVFB) Liability**

The PVFB liability had errors that impacted the participant benefits and the related liability. Some of these errors were attributed to BAPD's systems (Integrated Present Value of Future Benefits (IPVFB) and Spectrum) limitations and data entry errors. The internal control activities were ineffective in identifying these errors in the calculation of the PVFB liability.

**B. Documentation to Support Benefit Calculations**

We continued to observe that management could not provide appropriate documentation to support, substantiate, and validate the benefit calculation for certain participants in our sample. Documentation to support benefit calculations should be readily available for examination. This lack of documentation increases a risk of misstatement of the PVFB liability.

**C. Valuation of Plan Assets and Benefits**

In prior years, we found that PBGC did not properly determine the fair market value of certain assets of trustee plans at the date of plan termination as required by its regulation. As a result of this deficiency in the assets valuation process, certain plan participants' benefits may have been misstated.

**Recommendations:** We recommend that PBGC management:

- Develop and/or implement:
  - improvements to BAPD systems used to calculate benefits and liabilities (Spectrum and the Integrated Present Value of Futures Benefit Systems); and
  - procedures to verify that future contracts for plan asset valuations clearly outline expectations and deliverables in the statement of work.
- Continue to train all levels of staff tasked with the calculation of benefits and the PVFB as well as the review of benefit determinations.
- Refine BAPD operating policies and procedures for processing plans and archiving benefit plan documentation.
- Develop a policy to finalize management's position of the financial impact related to the financial impact of lacking documentation. Further actions should be taken to address the systematic issues associated with documentation deficiencies. The policy should also document any residual risk that PBGC may elect to accept.

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## **2. Entity-wide Security Program Planning and Management**

In prior years, we reported that PBGC's entity-wide security program lacked focus and a coordinated effort to adequately mitigate certain information system security control deficiencies. Though progress had been made, control deficiencies continued in FY 2014. These control deficiencies hindered PBGC from implementing effective security controls to protect its information from unauthorized access, modification, and disclosure. The security management program should establish a framework and a continuous cycle for assessing risk, developing and implementing effective procedures, and monitoring the effectiveness of these procedures.

We continue to identify security control weaknesses in the following:

### **A. Security Management**

An effective information security management program should have a framework and process for assessing risk, effective security procedures, and processes for monitoring and reporting the effectiveness of these procedures. Though progress was made, PBGC did not completely establish and implement tools and processes needed to obtain performance measures and information on security progress to facilitate decision making and management, including:

- Finalizing metrics and security progress information to indicate the effectiveness of its security controls applied to information systems and supporting information security programs.
- Collecting, analyzing, and reporting all relevant performance-related data to facilitate decision making, improve performance, and increase accountability.
- Collecting all relevant performance data on implementation measures to determine the level of execution of its security policy; effectiveness/efficiency measures to evaluate results of security services delivery; and impact measures to assess business or mission consequences of security events.
- Demonstrating how implementation, efficiency, and effectiveness of its information system and program security controls contribute to the Corporation's success in achieving its mission.

### **B. Common Security Controls**

Common security controls provide the foundation for the effectiveness of enterprise-wide system security operations. In FY 2014, PBGC continued to change its common controls, which did not allow adequate time for the controls to mature in the environment and operate effectively. Specifically, during FY 2014, PBGC consolidated its two general support systems which decreased the number of common controls from 208 to 118. However, PBGC did not document this consolidation of controls. In addition, the Corporation is considering adding 67 new controls to the set of common controls. Furthermore, PBGC did not communicate the new strategy and change in common controls to system owners of PBGC's major applications, who relied on these controls.

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PBGC tested 108 of the 118 common controls for effectiveness. We found 55 of the common controls tested were effective and 53 common controls were ineffective.

**C. Security Assessments and Authorization (SA&A)**

In June 2014, PBGC consolidated multiple inventory lists into one (1) authoritative list to track the Federal Information Security Management Act of 2002 (FISMA) inventory, subsystem components, Interconnection Security Agreements (ISAs), and SA&A schedules. The FISMA inventory list is scheduled to be updated monthly. PBGC acknowledges that it will require time to demonstrate the effectiveness of the new process.

PBGC continued to enhance its SA&A quality control process to address weaknesses noted in prior years. In FY 2014, the Corporation performed a deeper analysis of their SA&A packages; standardized the quality control review approach; and determined the level of inspection to be performed. PBGC applied this enhanced quality control review process to one system and uncovered deficiencies which were resolved before the SA&A package was submitted and approved. PBGC plans to use this new quality control process to review future SA&A packages. Currently, three systems have not been authorized to operate, based on the SA&A process.

**Recommendations:** We recommend that PBGC management:

- Develop and implement a well-designed security management program that will provide security to the information and information systems that support the operations and assets of PBGC, including those managed by contractors or other federal agencies.
- Complete the development and implementation of the redesign of PBGC's IT infrastructure and the procurement and implementation of technologies to support a more coherent approach to providing information services and information system management controls.
- Effectively communicate to key decision-makers the state of PBGC's IT infrastructure and environment to facilitate the prioritization of resources to address fundamental weaknesses.
- Complete the process to validate the completion of SA&A packages for all major applications.

**3. Access Controls and Configuration Management**

Access controls and configuration management controls are an integral part of an effective information security management program. Access controls limit or detect inappropriate access to systems, protecting the data within them from unauthorized modification, loss or disclosure. Configuration management ensures changes to systems are tested and approved and systems are configured securely in accordance with policy.

Access controls and configuration management remain a systemic problem throughout PBGC. In FY 2014, PBGC submitted documentation and evidence to support the closure of fourteen access and configuration management prior year recommendations. However, based on our current year testing, we could only close five of these recommendations. The



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documentation provided for the nine recommendations that will remain open did not demonstrate that controls were properly implemented, repeatable, and maintained. Furthermore, documentation in certain cases did not address the root cause of the weakness. Weaknesses in the PBGC IT environment contributed significantly to deficiencies in system configuration, segregation of duties, role-based access controls, and monitoring.

We continue to identify the following control weaknesses in access controls and configuration management. Specifically:

**A. Configuration Management**

Although PBGC has defined baseline configurations for its systems, tools, and applications, and modified common configuration management security controls, they require time to demonstrate operational effectiveness. Automated tools to manage configuration infrastructure were not fully operational. For FY 2014, unresolved vulnerabilities still remained in key databases and applications, such as weaknesses in configuration, roles, privileges, auditing, file permissions, and operating system access. Prior weaknesses in authentication parameters for general support systems and applications were not adequately addressed.

**B. Access Controls and Account Management**

Failure to control access, identify and remove unnecessary accounts from the system put PBGC's systems at an increased risk of unauthorized access/modification/deletion of sensitive system and/or participant information.

**1) Segregation of Duties**

PBGC did not effectively restrict developers' access to production applications. We found that for one of the seven applications tested developers were provided more than read-only access to production. After PBGC was informed, PBGC removed the developers' access.

PBGC did not clearly define the duration and procedures surrounding the use of temporary access. Temporary/emergency access procedures did not establish a timeline and/or duration to remove the emergency access.

**2) Account Management**

*Account Dormancy*

PBGC's practice for disabling and removing dormant accounts were not in compliance with its policy. In FY 2014, PBGC assessed compliance with authentication and dormancy standards and found that automated controls were not implemented to enforce/adhere to PBGC's dormancy standards for twelve major applications and five sub-components of the General Support System.

For nine of the major applications, risk acceptance forms addressed account configuration settings; however, eight of them did not address account dormancy.

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*Generic Accounts*

In FY 2013, we recommended that PBGC continue to remove unnecessary user and generic accounts. For FY2014, PBGC established formal policies regarding user access and generic accounts, but did not provide evidence that it had removed unnecessary user and generic accounts.

**C. Incident Handling and Security Monitoring**

We identified deficiencies in PBGC's Incident Response Program in our FY 2013 FISMA report. For FY 2014, we found that while PBGC had defined Incident Response Procedures, those procedures did not provide clear and detailed guidance on how to: monitor information systems; detect, identify, document, and report incidents; as well as when to elevate incidents. This lack of clear guidance had and may lead to future mismanagement of incidents.

PBGC purchased an automated tool to collect, analyze, search, and monitor information system security logs across the enterprise. This tool will enhance PBGC's detection of security events in applications, operating systems, databases, and network monitoring tools. However, this tool was not fully implemented. Specifically, this automated tool was not fully configured to collect data enterprise-wide. Progress was slow and not all information system owners provided a timeline for implementation.

**Recommendations:** We recommend that PBGC management:

- Develop and implement the following:
  - a coherent strategy for correcting IT infrastructure deficiencies.
  - a framework for implementing common security controls and mitigating the systemic issues related to access control by strengthening system configurations and user account management for all of PBGC's information systems.
- Implement controls to remedy vulnerabilities noted in key databases and applications such as weaknesses in configuration, roles, privileges, auditing, file permissions and operating system access. Also implement controls to remedy weaknesses in the deployment of servers, applications, and databases in the development, test and production environments.
- Complete the recertification processes for all user and system accounts.
- Review, update, and approve Directive IM 10-3, Protecting Sensitive Information.
- Update and document the security event categorization procedures and decision process to better define the thresholds where security events are categorized as suspicious and are recorded in a ticketing system as an incident for escalation and further analysis.
- Develop and implement controls to enhance PBGC's ability to identify inappropriate or unusual activity, integrate the analysis of vulnerability scanning information, performance data, network monitoring, and system audit record (log) information.

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#### **4. Financial Reporting**

The financial reporting process is at the forefront of preparing accurate and timely financial statements. Effective internal controls over financial reporting requires a strong environment under which all internal control components are implemented to meet the objectives of accurate financial reporting, compliance with laws and regulations and effective and efficient operations. Those responsible for executing the control activities should understand the control activities' purposes, and the activities should include monitoring staff execution, evaluating anomalous results for root cause, and documenting corrective action taken. The Financial Operations Department (FOD) is principally responsible for PBGC's accounting activities, financial reporting and maintenance of the financial and accounting systems. During FY 2014, we found that certain controls were not in place. These control deficiencies create risk and could impact the validity, completeness and accuracy of financial reporting. In FY 2014, we found a combination of deficiencies that collectively represent a new significant deficiency in financial reporting.

##### **A. Lack of Controls over the Premium Process**

PBGC lacked effective controls surrounding the completeness and accuracy of the premium revenue balance reported in the general ledger. For example, PBGC does not perform a comprehensive analysis of key data inputs from the Form 5500 and the Comprehensive Premium Filing (CPF). All pension plans are required to file a Form 5500 annually to report specific data on plan activities. Both forms include plan participant counts and market value of the plan assets data, and are loaded into Premium and Practitioner System (PPS). These inputs are essential to calculate the fixed rate and variable rate premiums. Comparing the data for significant variances and evaluating the root cause would be an effective control to identify premiums owed to PBGC.

In addition, the design of the manual reconciliation between the PPS premium subsidiary ledger to the general ledger is flawed. We found the following reconciliation design deficiencies:

- The PPS subsidiary balance reported in the reconciliation does not match the underlying details because it included manual activities recorded outside PPS.
- While management characterizes the aforementioned schedule as reconciliation, it actually represents a calculation of the projected general ledger balance at a point in time. Therefore, the PPS subsidiary ledger could not be reconciled to the general ledger.
- The reconciliation did not show evidence of a preparer sign-off and supervisory review and approval.

Finally, there is a system limitation with the PPS reporting functionality. During our substantive testing at June 30, 2014 and September 30, 2014, we found that PPS functionality is limited because it could not generate a detailed report that displayed the calculated fixed rate and variable rate premium for each pension plan for the period of October 1, 2013 through September 30, 2014.

**PENSION BENEFIT GUARANTY CORPORATION**  
**INTERNAL CONTROL DEFICIENCIES**  
**September 30, 2014**

**B. Lack of Controls over Manual Processes**

PBGC places reliance on a number of manual processes to record financial events in its general ledger. The inherent risks associated with manual processes require effective and reliable controls to mitigate such risks. We found that PBGC did not have effective internal controls throughout the fiscal year over manual journal entries and certain manual spreadsheets used to record or support financial transactions. Specifically, PBGC did not consistently employ a sequential numbering scheme to assign journal entry numbers, and did not assign common numbers to routine or recurring journal entries to ensure that each routine or recurring entry is prepared each month. In addition, PBGC did not maintain a journal entry log for all manual journal entries to ensure that the journal entry population is complete and that no unauthorized entries have been made in CFS. Management recognized the benefit of sequentially numbering journal entries and a journal entry log and both tools were placed in operation by year-end.

PBGC did not have effective integrity and access controls over key financial spreadsheets that support the Corporation's financial reporting. Further, PBGC did not have adequate integrity controls to guard against improper modification, access or degradation of key financial spreadsheets.

**C. Monitoring Controls over Non-Commingled Assets**

PBGC's monitoring process over the valuation of the Non-Commingled Assets is deficient. We found those responsible for recording plan asset activities performed inadequate reviews of plan asset transactions recorded into the general ledger, processed untimely transfers of non-commingled assets to commingled assets, and did not maintain the case file documentation needed to support plan asset transactions.

**Recommendations:** We recommend that PBGC management:

- Perform a comprehensive analysis of similar key data inputs between independent sources used to calculate premium amounts to identify significant variances. A risk analysis should be developed that focuses on evaluating the underlying causes of the significant variances and assess the potential impact to the completeness assertion for premiums.
- Develop a procedure to reconcile the Premium and Practitioner System (PPS) subsidiary ledger to general ledger reconciliation. The reconciliation must reflect the cumulative PPS subsidiary balance compared to the general ledger at a point in time (e.g., December 31, March 31, June 30, etc). Each reconciliation must show evidence of preparer and supervisory review.
- Update current Premium and Practitioner System reporting functionality to provide a detailed summary premium report by plan for each reporting period.
- Develop a sequential numbering scheme to label all manual entries recorded into the financial system. In addition, a journal entry log should be maintained to monitor all manual entries recorded into the financial system.

**PENSION BENEFIT GUARANTY CORPORATION**  
**INTERNAL CONTROL DEFICIENCIES**  
**September 30, 2014**

- Maintain a complete listing of all key financial spreadsheets. Also, PBGC should conduct a risk assessment to evaluate PBGC's reliance on key financial spreadsheets that support the Corporation's financial reporting.
- Develop and implement procedures that require business owners who prepare key financial spreadsheets to document and provide evidence of their implementation of integrity and access controls.
- Strengthen internal control procedures by establishing steps to ensure all Trust Accountants (TAs) are recording non-commingled account balances appropriately and consistently.

**5. Present Value of Nonrecoverable Future Financial Assistance**

The Present Value of Nonrecoverable Future Financial Assistance liability calculation lacks a robust quality control review process to verify inputs to the Integrated Present Value of Future Benefit (IPVFB) system. For example, PBGC omitted a small plan terminated during 2009 into its tool for the PV NRFFA Probable and Reasonably Possible Small Plan Bulk Reserves. Further the adjustment factor was incorrect because the SPBR tool had not been updated with the current data definition requirements for small plans.

We identified five control deficiencies during our September 30, 2014 testing that resulted in a new significant deficiency:

- Inappropriate use or misinterpretation of underlying documentation supporting the valuation.
- Errors in data entered into the IPVFB system.
- Misstatements in the expected employer withdrawal liability payments in the cash flows projection.
- Failure to use the most recent data available.
- Missing documentation for IPVFB data.

**Recommendations:** We recommend that PBGC management:

- Strengthen its quality control review process over the Present Value of Nonrecoverable Future Financial Assistance to verify that all key data is properly supported and reasonable.
- Undertake training of staff to ensure implementation of the established policy for obtaining up-to-date plan and valuation data for all cases.
- Develop a comprehensive policy that describes specific acceptable documentation requirements used to support plan liability valuation. In addition, the policy should include documentation retention requirements.
- Implement a tracking system to monitor request for the most recent data to ensure timely response.
- Implement a process to monitor the raw data entered into the tool to identify missing plan data and supplement as needed. In addition, any identified flaws to the tool should be corrected promptly.



**PENSION BENEFIT GUARANTY CORPORATION  
STATUS OF PRIOR YEAR'S FINDINGS**

Prior Year Condition	Status As Reported at September 30, 2013	Status as of September 30, 2014
1. <b>Benefit Administration and Payment Department Management and Oversight</b>	<p><b><u>Material Weakness:</u></b> PBGC had weaknesses in the following:</p> <ul style="list-style-type: none"> <li>• Calculation of the Present Value of Future Benefits Liability</li> <li>• Valuation of Plan Assets</li> </ul>	Repeated as a Material Weakness No. 1 and included in Exhibit I.
2. <b>Entity-wide Security Program Planning and Management</b>	<p><b><u>Material Weakness:</u></b> PBGC had weaknesses in the following:</p> <ul style="list-style-type: none"> <li>• PBGC had not completed SA&amp;As for its major applications.</li> <li>• Weaknesses in PBGC's infrastructure design and deployment strategy for systems and applications adversely affected its ability to effectively implement common security controls across its systems and applications.</li> </ul>	Repeated as a Material Weakness No. 2 and included in Exhibit I.
3. <b>Access Controls and Configuration Management</b>	<p><b><u>Material Weakness:</u></b> Weaknesses in the IT environment contributed to deficiencies in system configuration, segregation of duties, role-based access controls, and monitoring.</p>	Repeated as a Material Weakness No. 3 and included in Exhibit I.
4. <b>Integration Financial Management Systems</b>	<p><b><u>Significant Deficiency:</u></b> PBGC lacks a single integrated financial management system which increases the risk of inaccurate, inconsistent and redundant data.</p>	Resolved
5. <b>Financial Reporting</b>	<p><b><u>Significant Deficiency:</u></b> PBGC has control deficiencies in the following:</p> <ul style="list-style-type: none"> <li>• Lack of Controls over the Premium Process</li> <li>• Lack of Controls over the Manual Processes</li> <li>• Monitoring controls over Non-Commingled Assets</li> </ul>	New significant deficiency in FY 2014 and included as item 4 in Exhibit I.
6. <b>Present Value of Nonrecoverable Future Financial Assistance</b>	<p><b><u>Significant Deficiency:</u></b> PBGC lacks a robust quality control review of the PV NRFFA valuation process.</p>	New significant deficiency in FY 2014 and included as item 5 in Exhibit I.

**PENSION BENEFIT GUARANTY CORPORATION  
STATUS OF PRIOR YEAR'S FINDINGS**

<b>Compliance and Other Matters</b>		
<b>Noncompliance with Title 29 of the Code of Federal Regulation (C.F.R.), Part 4044.41, Subpart (b), General valuation rules</b>	Plan assets shall be based on the method of valuation that most accurately reflects such fair market value.	Repeated as a noncompliance violation.

Audit of the Pension Benefit Guaranty Corporation's  
Fiscal Year 2014 and 2013 Financial Statements

Audit Report AUD-2015-2 / FA-14-101-2

**Section II**

**Pension Benefit Guaranty Corporation's  
Fiscal Year 2014 and 2013 Financial Statements**

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PENSION BENEFIT GUARANTY CORPORATION  
STATEMENTS OF FINANCIAL POSITION

	Single-Employer Program		Multiemployer Program		Memorandum Total	
	September 30, 2014	2013	September 30, 2014	2013	September 30, 2014	2013
<i>(Dollars in Millions)</i>						
<b>ASSETS</b>						
Cash and cash equivalents	\$4,507	\$ 4,303	\$9	\$ 74	\$4,516	\$ 4,377
Securities lending collateral (Notes 3 and 5)	2,868	3,322	-	-	2,868	3,322
Investments, at market (Notes 3 and 5):						
Fixed maturity securities	49,203	47,196	1,685	1,632	50,888	48,828
Equity securities	23,049	22,317	-	-	23,049	22,317
Private equity	1,077	1,228	-	-	1,077	1,228
Real estate and real estate investment trusts	2,931	2,373	-	-	2,931	2,373
Other	30	28	-	-	30	28
Total investments	<u>76,290</u>	<u>73,142</u>	<u>1,685</u>	<u>1,632</u>	<u>77,975</u>	<u>74,774</u>
Receivables, net:						
Sponsors of terminated plans	66	60	-	-	66	60
Premiums (Note 11)	2,761	1,036	65	1	2,826	1,037
Sale of securities	973	601	-	-	973	601
Derivative contracts (Note 4)	78	276	-	-	78	276
Investment income	418	436	7	9	425	445
Other	10	4	0	0	10	4
Total receivables	<u>4,306</u>	<u>2,413</u>	<u>72</u>	<u>10</u>	<u>4,378</u>	<u>2,423</u>
Capitalized assets, net	<u>42</u>	<u>47</u>	<u>3</u>	<u>3</u>	<u>45</u>	<u>50</u>
Total assets	<u>\$88,013</u>	<u>\$83,227</u>	<u>\$1,769</u>	<u>\$1,719</u>	<u>\$89,782</u>	<u>\$84,946</u>

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

PENSION BENEFIT GUARANTY CORPORATION  
**STATEMENTS OF FINANCIAL POSITION**

<i>(Dollars in Millions)</i>	Single-Employer Program		Multiemployer Program		Memorandum Total	
	September 30,		September 30,		September 30,	
	2014	2013	2014	2013	2014	2013
<b>LIABILITIES</b>						
Present value of future benefits, net (Note 6):						
Trusteed plans	\$102,065	\$ 103,125	\$0	\$0	\$102,065	\$ 103,125
Plans pending termination and trusteeship	246	1,091	-	-	246	1,091
Settlements and judgments	62	57	-	-	62	57
Claims for probable terminations	401	745	-	-	401	745
Total present value of future benefits, net	102,774	105,018	0	0	102,774	105,018
Present value of nonrecoverable future financial assistance (Note 7)						
Insolvent plans	-	-	1,506	1,352	1,506	1,352
Probable insolvent plans	-	-	42,684	8,579	42,684	8,579
Total present value of nonrecoverable future financial assistance	-	-	44,190	9,931	44,190	9,931
Payables, net:						
Derivative contracts (Note 4)	114	210	-	-	114	210
Due for purchases of securities	1,422	1,608	-	-	1,422	1,608
Payable upon return of securities loaned	2,868	3,322	-	-	2,868	3,322
Unearned premiums	94	377	7	42	101	419
Accounts payable and accrued expenses (Note 8)	79	73	6	4	85	77
Total payables	4,577	5,590	13	46	4,590	5,636
Total liabilities	107,351	110,608	44,203	9,977	151,554	120,585
<b>Net position</b>	<b>(19,338)</b>	<b>(27,381)</b>	<b>(42,434)</b>	<b>(8,258)</b>	<b>(61,772)</b>	<b>(35,639)</b>
Total liabilities and net position	\$88,013	\$ 83,227	\$1,769	\$1,719	\$89,782	\$ 84,946

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

PENSION BENEFIT GUARANTY CORPORATION  
**STATEMENTS OF OPERATIONS AND CHANGES IN NET POSITION**

<i>(Dollars in Millions)</i>	Single-Employer Program		Multiemployer Program		Memorandum Total	
	For the Years Ended September 30,		For the Years Ended September 30,		For the Years Ended September 30,	
	2014	2013	2014	2013	2014	2013
<b>UNDERWRITING</b>						
Income:						
Premium, net (Note 11)	\$3,812	\$ 2,943	\$122	\$ 110	\$3,934	\$ 3,053
Other	22	38	-	0	22	38
Total	3,834	2,981	122	110	3,956	3,091
Expenses:						
Administrative	368	346	18	25	386	371
Other	17	5	-	0	17	5
Total	385	351	18	25	403	376
Other underwriting activity:						
Losses (credits) from completed and probable terminations (Note 12)	(115)	468	-	-	(115)	468
Losses from insolvent and probable plans- financial assistance (Note 7)			34,260	2,969	34,260	2,969
Actuarial adjustments (credits) (Note 6)	(535)	(401)	60	(5)	(475)	(406)
Total	(650)	67	34,320	2,964	33,670	3,031
Underwriting gain (loss)	4,099	2,563	(34,216)	(2,879)	(30,117)	(316)
<b>FINANCIAL:</b>						
Investment income (loss) (Note 13):						
Fixed	3,206	(1,629)	75	(96)	3,281	(1,725)
Equity	2,511	4,157	-	0	2,511	4,157
Private equity	358	272	-	0	358	272
Real estate	343	(70)	-	0	343	(70)
Other	21	11	-	0	21	11
Total	6,439	2,741	75	(96)	6,514	2,645
Expenses:						
Investment	96	88	-	0	96	88
Actuarial charges (Note 6):						
Due to expected interest	3,339	3,388	47	44	3,386	3,432
Due to change in interest factors	(940)	67	(12)	2	(952)	69
Total	2,495	3,543	35	46	2,530	3,589
Financial gain (loss)	3,944	(802)	40	(142)	3,984	(944)
Net income (loss)	8,043	1,761	(34,176)	(3,021)	(26,133)	(1,260)
Net position, beginning of year	(27,381)	(29,142)	(8,258)	(5,237)	(35,639)	(34,379)
Net position, end of year	\$ (19,338)	\$ (27,381)	\$ (42,434)	\$ (8,258)	\$ (61,772)	\$ (35,639)

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

PENSION BENEFIT GUARANTY CORPORATION

STATEMENTS OF CASH FLOWS

<i>(Dollars in millions)</i>	Single-Employer Program		Multiemployer Program		Memorandum Total	
	For the Years Ended September 30,		For the Years Ended September 30,		For the Years Ended September 30,	
	2014	2013	2014	2013	2014	2013
<b>OPERATING ACTIVITIES:</b>						
Premium receipts	\$ 1,799	\$ 3,042	\$ 24	\$ 121	\$ 1,823	\$ 3,163
Interest and dividends received	2,250	2,310	60	61	2,310	2,371
Cash received from plans upon trusteeship	62	24	0	0	62	24
Receipts from sponsors/non-sponsors	94	(1)	0	0	94	(1)
Receipts from the missing participant program	4	7	0	0	4	7
Other receipts	1	0	0	0	1	0
Benefit payments – trustee plans	(5,477)	(5,374)	0	0	(5,477)	(5,374)
Financial assistance payments			(97)	(89)	(97)	(89)
Settlements and judgments	(1)	0	0	0	(1)	0
Payments for administrative and other expenses	(423)	(418)	(25)	(27)	(448)	(445)
Accrued interest paid on securities purchased	(262)	(276)	(7)	(6)	(269)	(282)
Net cash provided (used) by operating activities (Note 15)	<u>(1,953)</u>	<u>(686)</u>	<u>(45)</u>	<u>60</u>	<u>(1,998)</u>	<u>(626)</u>
<b>INVESTING ACTIVITIES:</b>						
Proceeds from sales of investments	75,338	88,821	2,894	1,398	78,232	90,219
Payments for purchases of investments	(73,181)	(87,614)	(2,914)	(1,409)	(76,095)	(89,023)
Net change in investment of securities lending collateral	(454)	(103)	0	0	(454)	(103)
Net change in securities lending payable	454	103	0	0	454	103
Net cash provided (used) by investing activities	<u>2,157</u>	<u>1,207</u>	<u>(20)</u>	<u>(11)</u>	<u>2,137</u>	<u>1,196</u>
Net increase (decrease) in cash and cash equivalents	204	521	(65)	49	139	570
Cash and cash equivalents, beginning of year	4,303	3,782	74	25	4,377	3,807
Cash and cash equivalents, end of year	<u>\$ 4,507</u>	<u>\$ 4,303</u>	<u>\$ 9</u>	<u>\$ 74</u>	<u>\$ 4,516</u>	<u>\$ 4,377</u>

The above cash flows are for trustee plans and do not include non-trustee plans.  
The accompanying notes are an integral part of these financial statements



## NOTES TO FINANCIAL STATEMENTS

*September 30, 2014 and 2013*

### NOTE 1: ORGANIZATION AND PURPOSE

The Pension Benefit Guaranty Corporation (PBGC or the Corporation) is a federal corporation created by Title IV of the Employee Retirement Income Security Act of 1974 (ERISA) and is subject to the provisions of the Government Corporation Control Act. Its activities are defined by ERISA, as that act has been amended over the years. The Corporation insures the pension benefits, within statutory limits, of participants in covered single-employer and multiemployer defined benefit pension plans.

ERISA requires that PBGC programs be self-financing. ERISA provides that the U.S. Government is not liable for any obligation or liability incurred by PBGC.

For financial statement purposes, PBGC divides its business activity into two broad areas — “Underwriting Activity” and “Financial Activity” — covering both single-employer and multiemployer program segments. PBGC’s Underwriting Activity provides financial guaranty insurance in return for insurance premiums (whether actually paid or not). Actual and expected probable losses that result from the termination of underfunded pension plans are included in this category, as are actuarial adjustments based on changes in actuarial assumptions, such as mortality. Financial Activity consists of the performance of PBGC’s assets and liabilities. PBGC’s assets consist of premiums collected from defined benefit plan sponsors, assets from distress or involuntarily terminated plans that PBGC has insured, and recoveries from the former sponsors of those terminated plans. PBGC’s future benefit liabilities consist of those future benefits, under statutory limits, that PBGC has assumed following distress or involuntary terminations. Gains and losses on PBGC’s investments and changes in the value of PBGC’s future benefit liabilities (e.g., actuarial charges such as changes in interest factors and expected interest) are included in this area.

As of September 30, 2014, the single-employer and multiemployer programs reported net positions of \$(19,338) million and \$(42,434) million, respectively. The single-employer program had assets of \$88,013 million offset by total liabilities of \$107,351 million, which include a total present value of future benefits (PVFB) of about \$102,774 million. As of September 30, 2014, the multiemployer program had assets of \$1,769 million offset by \$44,190 million in present value of nonrecoverable future financial assistance. Notwithstanding these deficits, the Corporation has sufficient liquidity to meet its obligations (liabilities) for a significant number of years; however, neither program at present has the resources to fully satisfy PBGC’s long-term obligations to plan participants.

PBGC’s \$82,916 million of total investments (including cash and investment income receivable) represents the largest component of PBGC’s Statements of Financial Position combined assets of \$89,782 million at September 30, 2014. This amount of \$82,916 million (as compared to investments under management of \$81,538 million, as reported on page 34) reflects the fact that PBGC experiences a recurring inflow of trusteed plan assets that have not yet been incorporated into the PBGC investment program. For total investments (i.e., not the investment program), cash and fixed-income securities (\$55,826 million) represent 67 percent of the total investments, while equity securities (\$23,052 million) represent 28 percent of total investments. Private market assets, real estate, and other investments (\$4,038 million), represent 5 percent of the total investments.

## SINGLE-EMPLOYER AND MULTIEMPLOYER PROGRAM EXPOSURE

PBGC's estimate of the total underfunding in single-employer plans was \$167,113 million for those sponsored by companies with credit ratings below investment grade and that PBGC classified as reasonably possible of termination as of September 30, 2014. The comparable estimates for FY 2013 and FY 2012 were \$292,207 million and \$294,963 million, respectively. These estimates are measured as of December 31 of the previous year (see Note 9). For FY 2014, this exposure is concentrated in the following sectors: manufacturing (primarily automobile/auto parts and fabricated metals), transportation (primarily airlines), services, and wholesale and retail trade.

PBGC estimates that, as of September 30, 2014, it is reasonably possible that multiemployer plans may require future financial assistance in the amount of \$17,236 million (see Note 9). The comparable estimates for FY 2013 and FY 2012 were \$36,718 million and \$26,809 million, respectively. The decrease in FY 2014 was primarily due to the movement of two large multiemployer plans from the reasonably possible list to the probables list.

There is significant volatility in plan underfunding and sponsor credit quality over time, which makes long-term estimation of PBGC's expected claims difficult. This volatility, and the concentration of claims in a relatively small number of terminated plans, have characterized PBGC's experience to date and will likely continue. Among the factors that will influence PBGC's claims going forward are economic conditions affecting interest rates, financial markets, and the rate of business failures.

PBGC's sources of information on plan underfunding are the most recent Section 4010 and PBGC premium filings, and other submissions to the Corporation. PBGC publishes Table S-49, "Various Measures of Underfunding in PBGC-Insured Plans," in its *Pension Insurance Data Tables* where the limitations of the estimates are fully and appropriately described.

Under the single-employer program, PBGC is liable for the payment of guaranteed benefits with respect only to underfunded terminated plans. An underfunded plan may terminate only if PBGC or a bankruptcy court finds that one of the four conditions for a distress termination, as defined in ERISA, is met or if PBGC involuntarily terminates a plan under one of five specified statutory tests. The net liability assumed by PBGC is generally equal to the present value of the future benefits payable by PBGC less amounts provided by the plan's assets and amounts recoverable by PBGC from the plan sponsor and members of the plan sponsor's controlled group, as defined by ERISA.

Under the multiemployer program, if a plan becomes insolvent, it receives financial assistance from PBGC to allow the plan to continue to pay participants their guaranteed benefits. PBGC recognizes assistance as a loss to the extent that the plan is not expected to be able to repay these amounts from future plan contributions, employer withdrawal liability or investment earnings. Since multiemployer plans do not receive PBGC assistance until fully insolvent, financial assistance is almost never repaid; for this reason such assistance is fully reserved.

## NOTE 2: SIGNIFICANT ACCOUNTING POLICIES

### BASIS OF PRESENTATION

The accompanying financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP). The preparation of the financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Estimates and assumptions may change over time as new information is obtained or subsequent developments occur. Actual results could differ from those estimates.

### RECENT ACCOUNTING DEVELOPMENTS

In December 2011, the FASB issued Update No. 2011-11, Balance Sheet (Topic 210), Disclosures about Offsetting Assets and Liabilities, that requires new disclosures about offsetting of financial instruments that are subject to enforceable master netting agreements or similar agreements or offset in the balance sheet under existing accounting guidance. In January 2013, the FASB issued Update No. 2013-01, Balance Sheet (Topic 210, Clarifying the Scope of Disclosures about Offsetting Assets and Liabilities), clarifying that the scope of this guidance is limited to derivatives, repurchase and reverse repurchase agreements, and securities borrowing and lending transactions. PBGC has adopted this guidance effective the first quarter of fiscal year 2014. The application of this guidance only affects the disclosures of these instruments and has been applied retrospectively for all periods presented. See Note 3 for further discussion of disclosures about offsetting assets and liabilities.

### VALUATION METHOD

A primary objective of PBGC's financial statements is to provide information that is useful in assessing PBGC's present and future ability to ensure that its plan beneficiaries receive benefits when due. Accordingly, PBGC values its financial assets at estimated fair value, consistent with the standards for pension plans contained in the FASB Accounting Standards Codification Section 960, *Defined Benefit Pension Plans*. PBGC values its liabilities for the present value of future benefits and present value of nonrecoverable future financial assistance using assumptions derived from market-based (fair value) annuity prices from insurance companies, as described in the Statement of Actuarial Opinion. As described in Section 960, the assumptions are "those assumptions that are inherent in the estimated cost at the (valuation) date to obtain a contract with an insurance company to provide participants with their accumulated plan benefits." Also, in accordance with Section 960, PBGC selects assumptions for expected retirement ages and the cost of administrative expenses in accordance with its best estimate of anticipated experience.

The FASB Accounting Standards Codification Section 820, *Fair Value Measurements and Disclosures*, defines fair value, establishes a framework for measuring fair value in U.S. GAAP, and expands disclosures about fair value measurements. Section 820 applies to accounting pronouncements that require or permit fair value measurements.

### REVOLVING AND TRUST FUNDS

PBGC accounts for its single-employer and multiemployer programs' revolving and trust funds on an accrual basis. Each fund is charged its portion of the benefits paid each year. PBGC includes totals for both the revolving and trust funds for presentation purposes in the financial statements; however, the single-employer

and multiemployer programs are separate programs by law and, therefore, PBGC also reports them separately.

ERISA provides for the establishment of the revolving fund where premiums are collected and held. The assets in the revolving fund are used to cover deficits incurred by plans trusteeed and to provide funds for financial assistance. The Pension Protection Act of 1987 created a single-employer revolving fund (fund 7) that is credited with all premiums in excess of \$8.50 per participant, including all penalties and interest charged on these amounts, and its share of earnings from investments. This fund may not be used to pay PBGC's administrative costs or the benefits of any plan terminated prior to October 1, 1988, unless no other amounts are available.

The trust funds include assets (e.g., pension plan investments) PBGC assumes (or expects to assume) once a terminated plan has been trusteeed, and related investment income. These assets generally are held by custodian banks. The trust funds support the operational functions of PBGC.

The trust funds reflect accounting activity associated with:

- 1) Trusteeed plans — plans for which PBGC has legal responsibility — the assets and liabilities are reflected separately on PBGC's Statements of Financial Position, the income and expenses are included in the Statements of Operations and Changes in Net Position, and the cash flows from these plans are included in the Statements of Cash Flows.
- 2) Plans pending termination and trusteeship — plans for which PBGC has begun the process for termination and trusteeship by fiscal year-end — the assets and liabilities for these plans are reported as a net amount on the liability side of the Statements of Financial Position under "Present value of future benefits, net." For these plans, the income and expenses are included in the Statements of Operations and Changes in Net Position, but the cash flows are not included in the Statements of Cash Flows.
- 3) Probable terminations — plans that PBGC determines are likely to terminate and be trusteeed by PBGC — the assets and liabilities for these plans are reported as a net amount on the liability side of the Statements of Financial Position under "Present value of future benefits, net." The accrued loss from these plans is included in the Statements of Operations and Changes in Net Position as part of "Losses from completed and probable terminations." The cash flows from these plans are not included in the Statements of Cash Flows. PBGC cannot exercise legal control over a plan's assets until it becomes trustee.

## **ALLOCATION OF REVOLVING AND TRUST FUNDS**

PBGC allocates assets, liabilities, income and expenses to the single-employer and multiemployer programs' revolving and trust funds to the extent that such amounts are not directly attributable to a specific fund. Revolving fund investment income is allocated on the basis of each program's average cash and investments available during the year, while the expenses are allocated on the basis of each program's number of ongoing plans. Revolving fund assets and liabilities are allocated according to the year-end equity of each program's revolving funds. Plan assets acquired by PBGC and commingled at PBGC's custodian bank are credited directly to the appropriate fund, while the earnings and expenses on the commingled assets are allocated to each program's trust funds on the basis of each trust fund's value, relative to the total value of the commingled fund.

## **CASH AND CASH EQUIVALENTS**

Cash includes cash on hand and demand deposits. Cash equivalents are investments with original maturities of one business day and highly liquid investments that are readily convertible into cash within one business day.

## SECURITIES LENDING COLLATERAL

PBGC participates in a securities lending program administered by its custodian bank. The custodian bank requires collateral that equals 102 percent to 105 percent of the securities lent. The collateral is held by the custodian bank. The custodian bank either receives cash or non-cash as collateral or returns collateral to cover mark-to-market changes. Any cash collateral received is invested by PBGC's investment agent. In addition to the lending program managed by the custodian bank, some of PBGC's investment managers are authorized to invest in securities purchased under resale agreements (an agreement with a commitment by the seller to buy a security back from the purchaser at a specified price at a designated future date), and securities sold under repurchase agreements.

## INVESTMENT VALUATION AND INCOME

PBGC bases market values on the last sale of a listed security, on the mean of the "bid-and-ask" for nonlisted securities, or on a valuation model in the case of fixed income securities that are not actively traded. These valuations are determined as of the end of each fiscal year. Purchases and sales of securities are recorded on the trade date. In addition, PBGC invests in and discloses its derivative investments in accordance with the guidance contained in the FASB Accounting Standards Codification Section 815, *Derivatives and Hedging*. Investment income is accrued as earned. Dividend income is recorded on the ex-dividend date. Realized gains and losses on sales of investments are calculated using first-in, first-out for the revolving fund and weighted average cost for the trust fund. PBGC marks the plan's assets to market and any increase or decrease in the market value of a plan's assets occurring after the date on which the plan is terminated must, by law, be credited to or suffered by PBGC.

## SECURITIES PURCHASED UNDER REPURCHASE AGREEMENTS

PBGC's investment managers purchase securities under repurchase agreements whereby the seller will buy the security back at a pre-agreed price and date. Those greater than one day are reported under "Fixed maturity securities" as "Securities purchased under repurchase agreements" in the Note 3 table entitled "Investments of Single-Employer Revolving Funds and Single-Employer Trusteed Plans," on page 61. Repurchase agreements that mature in one day are included in "Cash and cash equivalents" which are reported on the Statements of Financial Position (See page 47). Refer to Note 3 for further information regarding repurchase agreements.

## SPONSORS OF TERMINATED PLANS

The amounts due from sponsors of terminated plans or members of their controlled group represent the settled, but uncollected, claims for employer liability (underfunding as of date of plan termination) and for contributions due their plan less an allowance for estimated uncollectible amounts. PBGC discounts any amounts expected to be received beyond one year for time and risk factors. Some agreements between PBGC and plan sponsors provide for contingent payments based on future profits of the sponsors. The Corporation will report any such future amounts in the period they are realizable. Income and expenses related to amounts due from sponsors are reported in the underwriting section of the Statements of Operations and Changes in Net Position. Interest earned on settled claims for employer liability and due and unpaid employer contributions (DUEC) is reported as "Income: Other." The change in the allowances for uncollectible employer liability and DUEC is reported as "Expenses: Other."

## PREMIUMS

Premiums receivable represent the plan reported premiums owed, and the PBGC estimated amounts not yet due or submitted for plans that have a plan year commencing before the end of PBGC's fiscal year and past due premiums deemed collectible, including penalties and interest. The liability for unearned premiums represents annual premium fees which have been received in advance of the period in which they will be earned by PBGC. They remain as liabilities until such time as they are ratably earned over the period of time to which the premium applies. "Premium income, net" represents actual and estimated revenue generated from defined benefit pension plan premium filings as required by Title IV of ERISA less bad debt expense for premiums, interest, and penalties (see Note 11).

Recently, PBGC determined that certain Puerto Rico plans were not covered under Title IV of ERISA and partially refunded premiums paid by those plans. These non-coverage determinations were fact-based, case specific, and legally complex (for example, factual and legal factors include: the type of election under ERISA § 1022(i), the plan's trust situs, the existence of a trust substitute like a Group Annuity Contract, and the residency of plan participants). Because of the factual and legal complexity, PBGC cannot reasonably estimate the amount of potential Puerto Rican plan premium refunds before completing its coverage determinations. In addition, even if PBGC determines that a Puerto Rico plan does not satisfy the factual and legal criteria for Title IV coverage, the plan may elect to be covered.

## CAPITALIZED ASSETS

Capitalized assets include furniture and fixtures, electronic processing equipment and internal-use software. This includes costs for internally developed software incurred during the application development stage (system design including software configuration and software interface, coding, testing including parallel processing phase). These costs are shown net of accumulated depreciation and amortization.

## PRESENT VALUE OF FUTURE BENEFITS (PVFB)

The PVFB is the estimated liability for future pension benefits that PBGC is or will be obligated to pay the participants of trustee plans and the net liability for plans pending termination and trusteeship. The PVFB liability (including trustee plans as well as plans pending termination and trusteeship) is stated as the actuarial present value of estimated future benefits less the present value of estimated recoveries from sponsors and members of their controlled group and the assets of plans pending termination and trusteeship as of the date of the financial statements. PBGC also includes the estimated liabilities attributable to plans classified as probable terminations as a separate line item in the PVFB (net of estimated recoveries and plan assets). PBGC uses assumptions to adjust the value of those future payments to reflect the time value of money (by discounting) and the probability of payment (by means of decrements, such as for death or retirement). PBGC also includes anticipated expenses to settle the benefit obligation in the determination of the PVFB. PBGC's benefit payments to participants reduce the PVFB liability.

The values of the PVFB are particularly sensitive to changes in underlying estimates and assumptions. These estimates and assumptions could change and the impact of these changes may be material to PBGC's financial statements (see Note 6).

(1) **Trustee Plans** – represents the present value of future benefit payments less the present value of expected recoveries (for which a settlement agreement has not been reached with sponsors and members of their controlled group) for plans that have terminated and been trustee by PBGC prior to fiscal year-end. Assets are shown separately from liabilities for trustee plans.

(2) **Pending Termination and Trusteeship** – represents the present value of future benefit payments less the plans' net assets (at fair value) anticipated to be received and the present value of expected recoveries (for which a settlement agreement has not been reached with sponsors and members of their controlled group)

for plans for which termination action has been initiated and/or completed prior to fiscal year-end. Unlike trustee plans, the liability for plans pending termination and trusteeship is shown net of plan assets.

(3) Settlements and Judgments – represents estimated liabilities related to settled litigation.

(4) Net Claims for Probable Terminations – In accordance with the FASB Accounting Standards Codification Section 450, *Contingencies*, PBGC recognizes net claims for probable terminations which represent PBGC's best estimate of the losses, net of plan assets, and the present value of expected recoveries (from sponsors and members of their controlled group) for plans that are likely to terminate in the future. Under a specific identification process, PBGC evaluates each controlled group having \$50 million or more of underfunding and recognizes a contingent loss for the estimated net claim of those plans meeting the probable termination criteria. These estimated losses are based on conditions that existed as of PBGC's fiscal year-end. Management believes it is likely that one or more events subsequent to PBGC's fiscal year-end will occur, confirming the loss.

Criteria used for classifying a specific single-employer plan as a probable termination include, but are not limited to, one or more of the following conditions: the plan sponsor is in liquidation or comparable state insolvency proceeding with no known solvent controlled group member; sponsor has filed or intends to file for distress plan termination and the criteria will likely be met; or PBGC is considering the plan for involuntary termination. In addition, management takes into account other economic events and factors in making judgments regarding the classification of a plan as a probable termination. These events and factors may include, but are not limited to: the plan sponsor is in bankruptcy or has indicated that a bankruptcy filing is imminent; the plan sponsor has stated that plan termination is likely; the plan sponsor has received a going concern opinion from its independent auditors; or the plan sponsor is in default under existing credit agreement(s).

In addition, a reserve for small unidentified probable losses is recorded for the estimated future contingent losses stemming from insured single-employer plans with an aggregate underfunding of less than \$50 million. The reserve is based on the historic three-year rolling average of actual plan terminations (with an aggregate underfunding of less than \$50 million) and indexed to the S&P 500 to reflect changes in economic conditions. (See Note 6 for further information on Net Claims for Probable Terminations).

(5) PBGC identifies certain plans as high-risk if the plan sponsor is in Chapter 11 proceedings or the sponsor's senior unsecured debt is rated CCC+/Caa1 or lower by S&P or Moody's respectively. PBGC specifically reviews each plan identified as high-risk and classifies those plans as probable if, based on available evidence, PBGC concludes that plan termination is likely (based on criteria described in (4) above). Otherwise, high-risk plans are classified as reasonably possible.

(6) In accordance with the FASB Accounting Standards Codification Section 450, PBGC's exposure to losses from plans of companies that are classified as reasonably possible is disclosed in the footnotes. In order for a plan sponsor to be specifically classified as reasonably possible, it must first have \$50 million or more of underfunding, as well as meet additional criteria. Criteria used for classifying a company as reasonably possible include, but are not limited to, one or more of the following conditions: the plan sponsor is in Chapter 11 reorganization; funding waiver pending or outstanding with the Internal Revenue Service; sponsor missed minimum funding contribution; sponsor's bond rating is below-investment-grade for Standard & Poor's (BB+) or Moody's (Ba1); or sponsor has no bond rating but the Dun & Bradstreet Financial Stress Score is below the threshold considered to be investment grade (see Note 9).

## **PRESENT VALUE OF NONRECOVERABLE FUTURE FINANCIAL ASSISTANCE**

In accordance with Title IV of ERISA, PBGC provides financial assistance to multiemployer plans, in the form of loans, to enable the plans to pay guaranteed benefits to participants and reasonable administrative expenses. These loans, issued in exchange for interest-bearing promissory notes, constitute an obligation of each plan.

The present value of nonrecoverable future financial assistance represents the estimated nonrecoverable payments to be provided by PBGC in the future to multiemployer plans that will not be able to meet their benefit obligations. The present value of nonrecoverable future financial assistance is based on the difference between the present value of future guaranteed benefits and expenses and the market value of plan assets, including the present value of future amounts expected to be paid by employers, for those plans that are expected to require future assistance. The amount reflects the rates at which, in the opinion of management, these liabilities (net of expenses) could be settled in the market for single-premium nonparticipating group annuities issued by private insurers (see Note 7).

A liability for a particular plan is included in the “Present Value of Nonrecoverable Future Financial Assistance” when it is determined that the plan is currently, or will likely become in the future, insolvent and will require assistance to pay the participants their guaranteed benefit. In accordance with the FASB Accounting Standards Codification Section 450, *Contingencies*, PBGC recognizes net claims for probable insolvencies for plans that are likely to become insolvent and may require future financial assistance. Projecting a future insolvency requires considering several complex factors, such as an estimate of future cash flows, future mortality rates, and age of participants not in pay status.

Each year, PBGC analyzes insured multiemployer plans to identify those plans that are at risk of becoming claims on the insurance program. Regulatory filings with PBGC and the other ERISA agencies are important to this analysis and determination of risk. In general, if a terminated plan’s assets are less than the present value of its liabilities, PBGC considers the plan a probable risk of requiring financial assistance in the future.

PBGC also analyzes ongoing multiemployer plans (i.e., plans that continue to have employers making regular contributions for covered work) to determine whether any such plans may be probable or possible claims on the insurance program. In conducting this analysis each year, PBGC examines plans that are chronically underfunded, have poor cash flow trends, a falling contribution base, and that may lack a sufficient asset cushion to weather income losses. A combination of these factors, or any one factor that is of sufficient concern, leads to a more detailed analysis of the plan’s funding and the likelihood that the contributing employers will be willing and able to maintain the plan.

PBGC utilizes specific criteria for insolvent (PBGC’s insurable event for multiemployer plans), probable, and reasonably possible classification of multiemployer plans. The criteria are as follows:

- Any multiemployer plans currently receiving financial assistance are classified as insolvent.
- Terminated, underfunded multiemployer plans (i.e., “wasting trusts”) are classified as probable.
- Ongoing multiemployer plans projected to become insolvent:
  - within ten years are classified as probable,
  - from ten to twenty years are classified as reasonably possible.

In general, the date of insolvency is estimated by projecting plan cash flows using PBGC’s actuarial assumptions for terminated plans, but also considered are projections based on other assumptions, such as those used by the plan actuary.

PBGC periodically reviews important accounting policies. Given the complexities and changes in the economy and in multiemployer plans in recent years, PBGC decided to re-examine the policy and procedures used to quantify the level of liability under the multiemployer guarantee program, to determine whether any changes should be made. After a review that involved a national independent financial advisory firm and included many possible alternatives, PBGC decided to enhance the existing methodology for determining the probable liability for ongoing plans by dividing the plans into segments based on the number of plan participants with different processes by plan size. See Note 7 for further methodology details. PBGC will continue to review multiemployer policy and procedures in the future.



The present value of nonrecoverable future financial assistance is presented in the Liability section of the Statements of Financial Position (see Note 7).

## **SECURITIES SOLD UNDER RESALE AGREEMENTS**

PBGC's investment managers no longer sell securities under resale agreements whereby PBGC's investment managers would buy the security back at a pre-agreed price and date.

## **ADMINISTRATIVE EXPENSES**

These operating expenses (for either the single-employer or multiemployer insurance programs) are amounts paid and accrued for services rendered or while carrying out other activities that constitute PBGC's ongoing operations, e.g., payroll, contractual services, office space, materials and supplies, etc. An expense allocation methodology is used to fully capture the administrative expenses attributable to either the single-employer or multiemployer insurance programs. All indirect administrative expenses associated with the single-employer and multiemployer programs are being allocated using the number of ongoing plans in each program.

## **OTHER EXPENSES**

These expenses represent an estimate of the net amount of receivables deemed to be uncollectible during the period. The estimate is based on the most recent status of the debtor (e.g., sponsor), the age of the receivables and other factors that indicate the element of uncollectibility in the receivables outstanding.

## **LOSSES FROM COMPLETED AND PROBABLE TERMINATIONS**

Amounts reported as losses from completed and probable terminations represent the difference as of the actual or expected date of plan termination (DOPT) between the present value of future benefits (including amounts owed under Section 4022(c) of ERISA) assumed, or expected to be assumed, by PBGC, less related plan assets and the present value of expected recoveries from sponsors and members of their controlled group (see Note 12). When a plan terminates, the previously recorded probable net claim is reversed and newly estimated DOPT plan assets, recoveries and PVFB are netted and reported on the line "PVFB - Plans pending termination and trusteeship" (this value is usually different than the amount previously reported), with any change in the estimate being recorded in the Statements of Operations and Changes in Net Position. In addition, the plan's net income from date of plan termination to the beginning of PBGC's fiscal year is included as a component of losses from completed and probable terminations for plans with termination dates prior to the year in which they were added to PBGC's inventory of terminated plans.

## **ACTUARIAL ADJUSTMENTS AND CHARGES (CREDITS)**

PBGC classifies actuarial adjustments related to insurance based changes in method and the effect of experience as underwriting activity; actuarial adjustments are the result of the movement of plans from one valuation methodology to another, e.g., nonseriatim (calculating the liability for the group) to seriatim (calculating separate liability for each person), and of new updated data (e.g., deaths, revised participant data). Actuarial charges (credits) are related to changes in interest factors and expected interest is classified as financial activity. These adjustments and charges (credits) represent the change in the PVFB that results from applying actuarial assumptions in the calculation of future benefit liabilities (see Note 6).

## DEPRECIATION AND AMORTIZATION

PBGC calculates depreciation on the straight-line basis over estimated useful lives of 5 years for equipment and 10 years for furniture and fixtures. PBGC calculates amortization for capitalized software, which includes certain costs incurred for purchasing and developing software for internal use, on the straight-line basis over estimated useful lives not to exceed 5 years, commencing on the date that the Corporation determines that the internal-use software is implemented. Routine maintenance and leasehold improvements (the amounts of which are not material) are charged to operations as incurred. Capitalization of software cost occurs during the development stage and costs incurred during the preliminary project and post-implementation stages are expensed as incurred.

## NOTE 3: INVESTMENTS

Premium receipts are invested through the revolving fund in U.S. Treasury securities. The trust funds include assets PBGC assumes or expects to assume with respect to terminated plans (e.g., recoveries from sponsors) and investment income thereon. These assets generally are held by custodian banks. The basis and market value of the investments by type are detailed below as well as related investment profile data. The basis indicated is cost of the asset if assumed after the date of plan termination or the market value at date of plan termination if the asset was assumed as a result of a plan's termination. PBGC marks the plan's assets to market and any increase or decrease in the market value of a plan's assets occurring after the date on which the plan is terminated must, by law, be credited to or suffered by PBGC. Investment securities denominated in foreign currency are translated into U.S. dollars at the prevailing exchange rates at period end. Purchases and sales of investment securities, income, and expenses are translated into U.S. dollars at the prevailing exchange rates on the respective dates of the transactions. The portfolio does not isolate that portion of the results of operations resulting from changes in foreign exchange rates of investments from the fluctuations arising from changes in market prices of securities held. Such fluctuations are included with the net realized and unrealized gain or loss on investments. For PBGC's securities, unrealized holding gains and losses are both recognized by including them in earnings. Unrealized holding gains and losses measure the total change in fair value – consisting of unpaid interest income earned or unpaid accrued dividend and the remaining change in fair value from holding the security.

To Be Announced (TBA) and Bond Forward transactions are recorded as regular buys and sells of investments and not as derivatives. TBA is a contract for the purchase or sale of mortgage-backed securities to be delivered on a future date. The term TBA is derived from the fact that the actual mortgage-backed security that will be delivered to fulfill a TBA trade is not designated at the time the trade is made. The securities are to be announced 48 hours prior to the established trade settlement date. TBAs are issued by FHLMC, FNMA, and GNMA. In accordance with FASB Accounting Standards Codification Section 815, *Derivatives and Hedging*, TBA and Bond Forward contracts are deemed regular way trades as they are completed within the time frame generally established by regulations and conventions in the market place or by the exchange on which they are executed. Thus, recording of TBA and Bond Forward contracts recognizes the acquisition or disposition of the securities at the full contract amounts on day one of the trade.

Bond forwards and TBAs are reported to "Receivables, net – Sale of securities" and "Due for purchases of securities" from derivative contracts receivables and payables. As of September 30, 2014, TBA receivables were approximately \$179 million and no Bond Forward receivables were reported. In addition, as of September 30, 2014, TBA payables were approximately \$481 million and no Bond Forward payables were reported.

**INVESTMENTS OF SINGLE-EMPLOYER REVOLVING FUNDS  
AND SINGLE-EMPLOYER TRUSTEED PLANS**

<i>(Dollars in millions)</i>	September 30, 2014		September 30, 2013	
	Basis	Market Value	Basis	Market Value
Fixed maturity securities:				
U.S. Government securities	\$20,827	\$21,404	\$22,141	\$22,132
Commercial paper/securities purchased under repurchase agreements	22	22	54	54
Asset backed securities	2,992	3,038	2,937	2,999
Pooled funds				
Domestic	1,140	1,011	1,239	1,131
International	1,144	1,221	495	503
Global/other	0	0	0	0
Corporate bonds and other	10,504	11,118	9,840	10,309
International securities	<u>11,330</u>	<u>11,389</u>	<u>10,211</u>	<u>10,068</u>
Subtotal	47,959	49,203	46,917	47,196
Equity securities:				
Domestic	1,877	2,468	2,168	2,719
International	779	787	1,291	1,469
Pooled funds				
Domestic	7,743	9,052	5,519	8,740
International	6,618	10,741	5,731	9,389
Global/other	<u>1</u>	<u>1</u>	<u>0</u> *	<u>0</u> *
Subtotal	17,018	23,049	14,709	22,317
Private equity	1,317	1,077	1,355	1,228
Real estate and real estate investment trusts	2,740	2,931	2,364	2,373
Insurance contracts and other investments	<u>32</u>	<u>30</u>	<u>35</u>	<u>28</u>
Total**	<u>\$69,066</u>	<u>\$76,290</u> ***	<u>\$65,380</u>	<u>\$73,142</u>

\* Less than \$500,000

\*\* Total includes securities on loan at September 30, 2014, and September 30, 2013, with a market value of \$3,281 million and \$4,230 million, respectively.

\*\*\* This total of \$76,290 million of investments at market value represents the single-employer assets only.

**INVESTMENTS OF MULTIEMPLOYER REVOLVING FUNDS AND MULTIEMPLOYER TRUSTEED PLANS**

<i>(Dollars in millions)</i>	September 30, 2014		September 30, 2013	
	Basis	Market Value	Basis	Market Value
Fixed maturity securities:				
U.S. Government securities	\$1,643	\$1,685	\$1,626	\$1,632
Equity securities	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	\$1,643	\$1,685	\$1,626	\$1,632

## INVESTMENT PROFILE

	September 30,	
	2014	2013
<b>Fixed Income Assets</b>		
Average Quality	AA	AA
Average Maturity (years)	12.0	13.3
Duration (years)	7.9	8.5
Yield to Maturity (%)	3.2	3.4
<b>Equity Assets</b>		
Average Price/Earnings Ratio	20.6	20.1
Dividend Yield (%)	2.5	2.6
Beta	1.01	1.06

## DERIVATIVE INSTRUMENTS

PBGC assigns investment discretion and grants specific authority to all of its investment managers to invest according to specific portfolio investment guidelines PBGC has established. PBGC further limits the use of derivatives by investment managers through tailored provisions in the investment guidelines with investment managers consistent with PBGC's investment policy statement and overall risk tolerance. These investment managers, who act as fiduciaries to PBGC, determine when it may or may not be appropriate to utilize derivatives in the portfolio(s) for which they are responsible. Investments in derivatives carry many of the same risks of the underlying instruments and carry additional risks that are not associated with direct investments in the securities underlying the derivatives.

Risks may arise from the potential inability to terminate or sell derivative positions, although derivative instruments are generally more liquid than physical market instruments. A liquid secondary market may not always exist for certain derivative positions. Over-the-counter derivative instruments also involve counterparty risk that the other party to the derivative instrument will not meet its obligations.

The use of derivatives by PBGC investment managers is restricted in-so-far as portfolios cannot utilize derivatives to create leverage in the portfolios for which they are responsible. Thus, the portfolios shall not utilize derivatives to leverage the portfolio beyond the maximum risk level associated with a fully invested portfolio of physical securities.

Derivative instruments are used to mitigate risk (e.g., adjust duration or currency exposures), enhance investment returns, and/or as liquid and cost-efficient substitutes for positions in physical securities. These derivative instruments are not designated as accounting hedges consistent with FASB Accounting Standards Codification Section 815, *Derivatives and Hedging*, which requires an active designation as a prerequisite for any hedge accounting. PBGC utilizes a no hedging designation which results in the gain or loss on a derivative instrument to be recognized currently in earnings. Derivatives are accounted for at fair market value in accordance with the FASB Accounting Standards Codification Section 815, *Derivatives and Hedging*. Derivatives are marked to market with changes in value reported as a component of financial income on the Statements of Operations and Changes in Net Position. PBGC presents all derivatives at fair value on the Statements of Financial Position.

During fiscal years 2014 and 2013, PBGC, through its investment managers, invested in investment products that used various U.S. and non-U.S. derivative instruments. Those products included, but are not limited to: index futures, options, money market futures, government bond futures, interest rate, credit default and total return swaps and swaption (an option on a swap) contracts, stock warrants and rights, debt option contracts,

and foreign currency forward and option contracts. Some of these derivatives are traded on organized exchanges and thus bear minimal counterparty risk. The counterparties to PBGC's non-exchange-traded derivative contracts are major financial institutions subject to ISDA (International Swaps and Derivatives Association, Inc.) master agreements. PBGC monitors PBGC's counterparty risk and exchanges collateral under most contracts to further support performance by counterparties. Some of PBGC's non-exchange traded derivative contracts are centrally cleared through a CFTC-recognized clearinghouse and the required margin (collateral) is maintained by the clearinghouse to support the performance by counterparties, which are members of the clearinghouse. A clearinghouse reduces the settlement risks by netting offsetting transactions between multiple counterparties, by requiring higher levels of collateral deposits or margin requirements compared to bilateral arrangements. Settlement risks are reduced also by the clearinghouse providing independent valuation of trades and margin, monitoring the credit worthiness of the clearing firms, and providing a guarantee fund, which could be used to cover losses that exceed a defaulting clearing firm's margin on deposit.

A futures contract is an agreement between a buyer or seller and an established futures exchange clearinghouse in which the buyer or seller agrees to take or make a delivery of a specific amount of a financial instrument at a specified price on a specific date (settlement date) in the future. The futures exchanges and clearinghouses clear, settle, and guarantee transactions occurring through their facilities. Upon entering into a futures contract, an "initial margin" amount (in cash or liquid securities) of generally one to six percent of the face value indicated in the futures contract is required to be deposited with the broker. Open futures positions are marked to market daily. Subsequent payments known as "variation margin" are made or received by the portfolio dependent upon the daily fluctuations in value of the underlying contract. PBGC maintains adequate liquidity in its portfolio to meet these margin calls.

PBGC also invests in forward contracts. A forward foreign currency contract is a commitment to purchase or sell a foreign currency at the settlement date (in the future) at a negotiated rate. Foreign currency forward, futures, and option contracts may be used as a substitute for cash currency holdings. This is in order to minimize currency risk exposure to changes in foreign currency exchange rates and to adjust overall currency exposure to reflect the investment views of the fixed income and equity portfolio managers regarding relationships between currencies.

A swap is an agreement between two parties to exchange different financial returns on a notional investment amount. The major forms of swaps traded are interest rate swaps, credit default swaps, and total return swaps. These swaps are netted for reporting purposes. PBGC uses swap and swaption contracts to adjust exposure to interest rates, fixed income securities exposure, credit exposure, and equity exposure, and to generate income based on the investment views of the portfolio managers regarding interest rates, indices and individual issues.

Interest rate swaps involve exchanges of fixed rate and floating rate interest. Interest rate swaps are often used to alter exposure to interest rate fluctuations, by swapping fixed rate obligations for floating rate obligations, or vice versa. The counterparties to the swap agree to exchange interest payments on specific dates, according to a predetermined formula. The payment flows are usually netted against each other, with one party paying the difference to the other.

A credit default swap is a contract between a buyer and seller of protection against pre-defined credit events. PBGC may buy or sell credit default swap contracts to seek to increase the portfolio's income or to mitigate the risk of default on portfolio securities.

A total return swap is a contract between a buyer and seller of exposures to certain asset classes such as equities. PBGC may buy or sell total return contracts to seek to increase or reduce the portfolio's exposure to certain asset classes.

An option contract is a contract in which the writer of the option grants the buyer of the option the right to purchase from (call option) or sell to (put option) the writer a designated instrument at a specified price within a specified period of time.

Stock warrants and rights allow PBGC to purchase securities at a stipulated price within a specified time limit.

For the fiscal years ended September 30, 2014 and 2013, gains and losses from settled margin calls are reported in Investment income on the Statements of Operations and Changes in Net Position. Securities and cash are pledged as collateral for derivative contracts (e.g., futures and swaps) are recorded as a receivable or payable.

Pursuant to the provisions of the FASB Accounting Standards Codification Section 815, *Derivatives and Hedging*, this standard requires the disclosure of fair values of derivative instruments and their gains and losses in its financial statements of both the derivative positions existing at period end and the effect of using derivatives during the reporting period.

The following three key tables present PBGC's use of derivative instruments and its impact on PBGC's financial statements:

- Fair Values of Derivative Instruments – Identifies the location of derivative fair market values (FMV) on the Statements of Financial Position, as well as the notional amounts (See page 65).
- Offsetting of Derivative Assets – Presents the impact of legally enforceable master netting agreements on derivative assets (See page 66).
- Offsetting of Derivative Liabilities – Presents the impact of legally enforceable master netting agreements on derivative liabilities (See page 67).



## FAIR VALUES OF DERIVATIVE INSTRUMENTS

<i>(Dollars in millions)</i>	Asset Derivative					
	September 30, 2014			September 30, 2013		
	Statements of Financial Position Location	Notional	FMV	Statements of Financial Position Location	Notional	FMV
Futures	Derivative Contracts	\$2,242	\$5	Derivative Contracts	\$1,859	\$17
Swap contracts						
Interest rate swaps	Investments-Fixed	2,533	23	Investments-Fixed	6,536	19
Other derivative swaps	Investments-Fixed	1,515	5	Investments-Fixed	1,702	(6)
Option contracts	Investments-Fixed	42	4	Investments-Fixed	46	1
Forwards - foreign exchange	Investments-Fixed	10,384	106	Investments-Fixed	8,759	(65)
	Investments-Equity	0	0	Investments-Equity	0	0

<i>(Dollars in millions)</i>	Liability Derivative					
	September 30, 2014			September 30, 2013		
	Statements of Financial Position Location	Notional	FMV	Statements of Financial Position Location	Notional	FMV
Futures	Derivative Contracts	\$2,599	\$ (12)	Derivative Contracts	\$2,016	\$ (13)
Option contracts	Derivative Contracts	686	(11)	Derivative Contracts	107	0 *

\* Less than \$500,000

Additional information specific to derivative instruments is disclosed in Note 4 – Derivative Contracts, and Note 5 – Fair Value Measurements.

PBGC utilizes a net presentation on the Statements of Financial Position for those derivative financial instruments entered into with counterparties under legally enforceable master netting agreements. Derivative receivables and derivative payables are netted on the Statements of Financial Position with the same counterparty and the related cash collateral receivables and payables when a legally enforceable master netting agreement exists (i.e., for over-the-counter derivatives). Master netting agreements are used to mitigate counterparty credit risk in certain transactions, including derivatives transactions, repurchase agreements and reverse repurchase agreements. The master netting agreement also may require the exchange of cash or marketable securities to collateralize either party's net position. Any cash collateral exchanged with counterparties under these master netting agreements is also netted against the applicable derivative fair values on the Statements of Financial Position.

## OFFSETTING OF DERIVATIVE ASSETS FAIR VALUE

<i>(Dollars in millions)</i>	September 30, 2014			September 30, 2013		
	Gross Amount of Recognized Assets	Gross Amounts Offset in	Net Amounts of	Gross Amount of Recognized Assets	Gross Amounts Offset in	Net Amounts of
		Statements of	Assets Presented		Statements of	Assets Presented
		Financial Position	in Statements of Financial Position		Financial Position	in Statements of Financial Position
<b>Derivatives</b>						
Interest-rate contracts	\$ 51	\$ (28)	\$ 23	\$ 39	\$ (20)	\$ 19
Foreign exchange contracts	114	(8)	106	4	(4)	0
Other derivative contracts <sup>(1)</sup>	16	(11)	5	17	(17)	0
Cash collateral nettings	0	(36)	(36)	0	0	0
<b>Total Derivatives</b>	<b>\$ 181</b>	<b>\$ (83)</b>	<b>\$ 98</b>	<b>\$ 60</b>	<b>\$ (41)</b>	<b>\$ 19</b>
<b>Other financial instruments<sup>(2)</sup></b>						
Repurchase agreements	\$ 189	\$ 0	\$ 189	\$ 19	\$ 0	\$ 19
Securities lending collateral	2,868	0	2,868	3,322	0	3,322
<b>Total derivatives and other financial instruments</b>	<b>\$ 3,238</b>	<b>\$ (83)</b>	<b>\$ 3,155</b>	<b>\$ 3,401</b>	<b>\$ (41)</b>	<b>\$ 3,360</b>

<i>(Dollars in millions)</i>	September 30, 2014			September 30, 2013		
	Gross Amounts Not Offset in Statements of Financial Position			Gross Amounts Not Offset in Statements of Financial Position		
	Net Amount of Assets Presented in Statements of Financial Position	Net Amount of Assets Presented in Statements of Financial Position		Net Amount of Assets Presented in Statements of Financial Position	Net Amount of Assets Presented in Statements of Financial Position	
		Collateral Received	Net Amount		Collateral Received	Net Amount
Repurchase agreements	189	0	189	19	0	19
Security lending collateral	2,868	(2,868)	0	3,322	(3,322)	0
<b>Total</b>	<b>\$ 3,057</b>	<b>\$ (2,868)</b>	<b>\$ 189</b>	<b>\$ 3,341</b>	<b>\$ (3,322)</b>	<b>\$ 19</b>

<sup>(1)</sup> Other derivative contracts include total return swaps, currency swaps, and credit default swaps.

<sup>(2)</sup> Under subheading "Other financial instruments", repurchase agreements and securities lending collateral are presented on a gross basis within the table and on the Statements of Financial Position.



## OFFSETTING OF DERIVATIVE LIABILITIES FAIR VALUE

<i>(Dollars in millions)</i>	September 30, 2014			September 30, 2013		
	Gross Amount of Recognized Liabilities	Gross Amounts Offset in Statements of Financial Position	Net Amounts of Assets Presented in Statements of Financial Position	Gross Amount of Recognized Liabilities	Gross Amounts Offset in Statements of Financial Position	Net Amounts of Assets Presented in Statements of Financial Position
<b>Derivatives</b>						
Interest-rate contracts	\$ 28	\$ (28)	\$ 0	\$ 20	\$ (20)	\$ 0
Foreign exchange contracts	8	(8)	0	69	(4)	65
Other derivative contracts <sup>(1)</sup>	11	(11)	0	23	(17)	6
Cash collateral nettings	0	0	0	0	(8)	(8)
<b>Total Derivatives</b>	<b>\$ 47</b>	<b>\$ (47)</b>	<b>\$ 0</b>	<b>\$ 112</b>	<b>\$ (49)</b>	<b>\$ 63</b>
<b>Other financial instruments<sup>(2)</sup></b>						
Resale agreements	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Securities lending collateral	2,868	0	2,868	3,322	0	3,322
<b>Total derivatives and other financial instruments</b>	<b>\$ 2,915</b>	<b>\$ (47)</b>	<b>\$ 2,868</b>	<b>\$ 3,434</b>	<b>\$ (49)</b>	<b>\$ 3,385</b>

<i>(Dollars in millions)</i>	September 30, 2014			September 30, 2013		
	Gross Amounts Not Offset in Statements of Financial Position			Gross Amounts Not Offset in Statements of Financial Position		
	Net Amount of Liabilities Presented in Statements of Financial Position	Collateral Received	Net Amount	Net Amount of Liabilities Presented in Statements of Financial Position	Collateral Received	Net Amount
Resale agreements	0	0	0	0	0	0
Security lending collateral	2,868	(2,868)	0	3,322	(3,322)	0
<b>Total</b>	<b>\$ 2,868</b>	<b>\$ (2,868)</b>	<b>\$ 0</b>	<b>\$ 3,322</b>	<b>\$ (3,322)</b>	<b>\$ 0</b>

<sup>(1)</sup> Other derivative contracts include total return swaps, currency swaps, and credit default swaps.

<sup>(2)</sup> Under subheading "Other financial instruments", repurchase agreements and securities lending collateral are presented on a gross basis within the table and on the Statements of Financial Position.

The following table identifies the location of derivative gains and losses on the Statements of Operations and Changes in Net Position as of September 30, 2014, and September 30, 2013.

**EFFECT OF DERIVATIVE CONTRACTS ON THE STATEMENTS OF OPERATIONS AND CHANGES IN NET POSITION**

<i>(Dollars in millions)</i>	Location of Gain or (Loss) Recognized in Income on Derivatives	Amount of Gain or (Loss) Recognized in Income on Derivatives	
		Sept. 30, 2014	Sept. 30, 2013
<b>Futures</b>			
Contracts in a receivable position	Investment Income-Fixed	(\$41)	(\$142)
Contracts in a receivable position	Investment Income-Equity	0	0
Contracts in a payable position	Investment Income-Fixed	104	75
Contracts in a payable position	Investment Income-Equity	0	0
<b>Swap agreements</b>			
Interest rate swaps	Investment Income-Fixed	15	36
Other derivative swaps	Investment Income-Fixed	28	(16)
<b>Option contracts</b>			
Options purchased (long)	Investment Income-Fixed	0 *	17
Options purchased (long)	Investment Income-Equity	0	0
Options written (sold short)	Investment Income-Fixed	3	(7)
Options written (sold short)	Investment Income-Equity	0	0
<b>Forward contracts</b>			
Forwards - foreign exchange	Investment Income-Fixed	225	(94)
	Investment Income-Equity	0 *	0

\* Less than \$500,000

Additional information specific to derivative instruments is disclosed in Note 4 - Derivative Contracts and Note 5 - Fair Value Measurements.

## SECURITIES LENDING

PBGC participates in a securities lending program administered by its custodian bank. The custodian bank requires initial collateral that equals 102 percent to 105 percent of the securities lent. The collateral is held by the custodian bank or its agent. The custodian bank either receives cash or non-cash as collateral or returns collateral to cover mark-to-market changes. Any cash collateral received is invested by PBGC's investment agent. In addition to the lending program managed by the custodian bank, some of PBGC's investment managers are authorized to invest in securities purchased under resale agreements (an agreement with a commitment by the seller to buy a security back from the purchaser at a specified price at a designated future date), and securities sold under repurchase agreements.

The total value of securities on loan at September 30, 2014, and September 30, 2013, was \$3,281 million and \$4,230 million, respectively. The total amount of securities available for loan were \$26,719 million as of September 30, 2014 and \$26,311 million as of September 30, 2013. The ratio of the market value of the securities on loan and the market value of the lendable securities is the utilization rate which declined year over year, moving from 16.1% in September 30, 2013 to 12.3% in September 30, 2014.

U.S. Corporate Bonds and Equity securities represent the largest portion of PBGC's assets on loan on September 30, 2014; of the \$3,281 million market value of securities on loan, approximately 50 percent are U.S. Corporate Bonds and Equity securities. The 2014 year-end lendable balance for U.S. Corporate Bonds and Equity securities was approximately \$16,373 million or 61 percent of PBGC's overall lendable securities balance; while the September 30, 2013 balance for U.S. Corporate Bonds and Equity securities was approximately \$14,331 million or 54 percent of PBGC's overall lendable security balance. Utilization of U.S. Corporate Bonds and Equity securities decreased year over year from 11% to 10%. The reduction in the utilization level is driven by a decrease in demand for Corporate Bond and Equity borrowing secured by cash collateral or non-equity non-cash collateral. Borrowers would increasingly prefer to pledge equities as non-cash collateral when they borrow Corporate Bond and Equity securities, but the PBGC's agent lender does not accept equities as collateral per PBGC's direction. Utilization declined as a result of this constraint.

U.S. Government securities continue to represent a large portion of PBGC's assets on loan; of the \$3,281 million market value of securities on loan at September 30, 2014, approximately 45 percent are lent U.S. Government securities. The 2014 year-end lendable balance for U.S. Government securities was approximately \$5,005 million or 19 percent of PBGC's overall lendable securities balance; while the September 30, 2013 balance for U.S. Government securities was approximately \$6,151 million or 23 percent of PBGC's overall lendable security balance. Utilization of U.S. Government securities decreased year over year from 39% to 29%. The decline in on-loan balances is associated with updated regulatory requirements that are limiting the size of broker's (the borrowing party in a securities loan) balance sheets, therefore, reducing their need for borrowed securities.

The amount of cash collateral received for these loaned securities was \$2,868 million at September 30, 2014, and \$3,322 million at September 30, 2013. These amounts are recorded as assets and are offset with a corresponding liability. For lending agreements collateralized by securities, no accompanying asset or liability is recorded, as PBGC does not sell or re-pledge the associated collateral. For those securities lending activities that PBGC directs through its custodian manager, the corporation chooses to invest proceeds from securities lending in the Quality A cash collateral pool. PBGC earned \$15 million from its agency securities lending programs as of September 30, 2014. Also contributing to PBGC's securities lending income is its participation in certain pooled index funds. Net income from securities lending is included in "Investment income – Fixed" on the Statements of Operations and Changes in Net Position.

PBGC does not have the right by contract or custom to sell or re-pledge non-cash collateral and therefore is not reported on the Statements of Financial Position. Non-cash collateral, which consists of highly rated debt instruments, remains at significant levels.

## REPURCHASE AGREEMENTS

PBGC's repurchase agreements entitle and obligate us to repurchase or redeem the same or substantially the same securities that were previously transferred as collateralized securities. In addition, its repurchase agreements require us to redeem the collateralized securities, before maturity at a fixed determinable price.

As of September 30, 2014, PBGC had \$189 million in Repurchase Agreements. This amount represents maturities of one day and is reported as an asset and included in the "Cash and cash equivalents" balance. There was no associated liability for these secured borrowings reported as "Securities sold under repurchase agreements." PBGC has no restrictions placed on the cash received for all of its outstanding repurchase agreements as of September 30, 2014.

## NOTE 4: DERIVATIVE CONTRACTS

PBGC's derivative financial instruments are recorded at fair value and are included on the Statements of Financial Position as investments and derivative contracts. Foreign exchange forwards are included in "Fixed maturity securities". Swaps are netted for the individual contracts as "Receivables, net – Derivative contracts" and "Derivative contracts" (liabilities). Bond forwards and TBAs are reclassified as "Receivables, net – Sale of securities" and "Due for purchases of securities" from derivative contracts receivables and payables. The amounts subject to credit risk related to derivative instruments are generally limited to the amounts, if any, by which the counterparty's obligations exceed our obligations with that counterparty. PBGC considers this risk remote and does not expect the settlement of these transactions to have a material effect in our Statements of Operations or Changes in Net Position and Statements of Financial Position.

Amounts in the table below represent the derivative contracts in a receivable position at financial statement date. Collateral deposits of \$59 million, which represent cash paid as collateral on certain derivative contracts, are shown below.

## DERIVATIVE CONTRACTS

<i>(Dollars in millions)</i>	September 30, 2014	September 30, 2013
Open receivable trades on derivatives:		
Collateral deposits	\$59 <sup>(1)</sup>	\$103 <sup>(2)</sup>
Futures contracts	5	16
Interest rate swaps	0 *	77
Other derivative swaps	14	80
Total	<u>\$78</u>	<u>\$276</u>

\* Less than \$500,000

<sup>(1)</sup> For fiscal year 2014, the collateral deposits receivable for the derivative contracts include counterparty netting where a legally enforceable master netting agreement exists. Collateral deposits receivable of \$59 million are the result of \$64 million gross collateral deposits payable less \$5 million collateral deposits payable from derivative counterparties.

<sup>(2)</sup> For the fiscal year ended September 30, 2013, for all non-exchange traded derivatives, derivative cash collateral receivables and derivative cash collateral payables for swap agreements and foreign exchange forward contracts were presented on a gross basis. This resulted in an immaterial decrease to Open receivable trades on derivatives-Collateral deposits of \$18 million and a corresponding decrease to Open payable trades on derivatives-Collateral deposits of \$18 million from what was previously reported in the FY 2013 Statements of Financial Position. These changes have no impact on the FY 2013 net position. Beginning with fiscal year 2014, derivative cash collateral receivables and derivative cash collateral payables are netted with the same counterparty when a legally enforceable master netting agreement exists (i.e., over-the-counter derivatives, swap agreements, and foreign exchange forward contracts).



Amounts in the Derivative Contracts table below represent derivative contracts in a payable position at financial statement date which PBGC reflects as a liability. Collateral deposits of \$80 million, which represent cash received as collateral on certain derivative contracts, are included.

## DERIVATIVE CONTRACTS

<i>(Dollars in millions)</i>	September 30, 2014	September 30, 2013
Open payable trades on derivatives:		
Collateral deposits	\$80 <sup>(1)</sup>	\$51 <sup>(2)</sup>
Futures contracts	12	13
Interest rate swaps	(1)	66
Other derivative swaps	12	80
Options-fixed income	11	0 *
Total	<u>\$114</u>	<u>\$210</u>

\* Less than \$500,000

<sup>(1)</sup> For fiscal year 2014, the collateral deposits payable for the derivative contracts include counterparty netting where a legally enforceable master netting agreement exists. Collateral deposits payable of \$80 million are the result of \$85 million gross collateral deposits payable less \$5 million collateral deposits receivable from derivative counterparties.

<sup>(2)</sup> For the fiscal year ended September 30, 2013, for all non-exchange traded derivatives, derivative cash collateral receivables and derivative cash collateral payables for swap agreements and foreign exchange forward contracts were presented on a gross basis. This resulted in an immaterial decrease to Open receivable trades on derivatives-Collateral deposits of \$18 million and a corresponding decrease to Open payable trades on derivatives-Collateral deposits of \$18 million from what was previously reported in the FY 2013 Statements of Financial Position. These changes have no impact on the FY 2013 net position. Beginning with fiscal year 2014, derivative cash collateral receivables and derivative cash collateral payables are netted with the same counterparty when a legally enforceable master netting agreement exists (i.e., over-the-counter derivatives, swap agreements, and foreign exchange forward contracts).

## NOTE 5: FAIR VALUE MEASUREMENTS

Pursuant to the provisions of the FASB Accounting Standards Codification Section 820, *Fair Value Measurements and Disclosures*, the standard provides a consistent definition of fair value and establishes a framework for measuring fair value in accordance with U.S. GAAP. It does not require the measurement of financial assets and liabilities at fair value. The standard is intended to increase consistency and comparability in, and disclosures about, fair value measurements, by giving users better information about how extensively PBGC uses fair value to measure financial assets and liabilities, the inputs PBGC used to develop those measurements and the effect of the measurements, if any, on financial condition, results of operations, liquidity and capital.

Section 820 defines fair value as the price that would be received to sell an asset or paid to transfer a liability (an "exit price") in the principal or most advantageous market for an asset or liability in an orderly transaction between market participants on the measurement date. When PBGC measures fair value for its financial assets and liabilities, PBGC considers the principal or most advantageous market in which we would transact. PBGC also considers assumptions that market participants would use when pricing the asset or liability. When possible, PBGC looks to active and observable markets to measure the fair value of identical, or similar, financial assets or liabilities. When identical financial assets and liabilities are not traded in active markets, PBGC looks to market observable data for similar assets and liabilities. In some instances, certain

assets and liabilities are not actively traded in observable markets, and as a result PBGC uses alternative valuation techniques to measure their fair value.

In addition, Section 820 establishes a hierarchy for measuring fair value. That hierarchy is based on the observability of inputs to the valuation of a financial asset or liability as of the measurement date. The standard also requires the recognition of trading gains or losses related to certain derivative transactions whose fair value has been determined using unobservable market inputs.

PBGC believes that its valuation techniques and underlying assumptions used to measure fair value conform to the provisions of Section 820. PBGC has categorized the financial assets and liabilities that PBGC carries at fair value in the Statements of Financial Position based upon the standard's valuation hierarchy. The hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1), the next highest priority to pricing methods with significant observable market inputs (Level 2), and the lowest priority to significant unobservable valuation inputs (Level 3).

If the inputs used to measure a financial asset or liability cross different levels of the hierarchy, the categorization is based on the lowest level input that is significant to the fair value measurement. Management's assessment of the significance of a particular input to the overall fair value measurement of a financial asset or liability requires judgment, and considers factors specific to that asset or liability, as follows:

*Level 1* - Financial assets and liabilities whose values are based on unadjusted quoted prices for identical assets or liabilities in an active market. PBGC's Level 1 investments primarily included are exchange-traded equity securities and certain U.S. Government securities.

*Level 2* - Financial assets and liabilities whose values are based on quoted prices for similar assets and liabilities in active markets. PBGC also considers inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the asset or liability. Level 2 inputs to the valuation methodology include:

- a. Quoted prices for similar assets or liabilities in active markets. This includes cash equivalents, securities lending collateral, U.S. Government securities, asset backed securities, fixed foreign investments, corporate bonds, repos, bond forwards, and swaps.
- b. Quoted prices for identical or similar assets or liabilities in non-active markets. This includes corporate stock, pooled funds fixed income, pooled funds equity, and foreign investments equity.
- c. Pricing models whose inputs are observable for substantially the full term of the asset or liability – included are insurance contracts and bank loans.
- d. Pricing models whose inputs are derived principally from or are corroborated by observable market information through correlation or other means for substantially the full term of the asset or liability.

*Level 3* - Financial assets and liabilities whose values are based on prices or valuation techniques that require inputs that are both unobservable in the market and significant to the overall fair value measurement. These inputs reflect PBGC's judgment about the assumptions that a market participant would use in pricing the asset or liability, and based on the best available information. The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. PBGC includes instruments whose values are based on a single source such as a broker, pricing service, or dealer which cannot be corroborated by recent market transactions. These include fixed maturity securities such as corporate bonds that are comprised of securities that are no longer traded on the active market and/or not managed by any asset manager. Equity securities such as corporate stocks are also included, comprised of securities that are no longer traded on the active market and/or not managed by any asset manager. Real estate funds that invest primarily in U.S. commercial real estate, are valued based on each underlying investment within the fund/account; they incorporate valuations that consider the evaluation of financing and sale transactions with third parties, expected cash flows and market-based information, including comparable transactions, and performance multiples, among other factors.

The assets and liabilities that PBGC carries at fair value are summarized by the three levels required by Section 820 in the following table. The fair value of the asset or liability represents the “exit price” – the price that would be received to sell the asset or paid to transfer the liability.



FAIR VALUE MEASUREMENTS ON A RECURRING BASIS AS OF SEPTEMBER 30, 2014

<i>(Dollars in millions)</i>	Quoted Market Prices in Active Markets (Level 1)	Pricing Methods with Significant Observable Market Inputs (Level 2)	Pricing Methods with Significant Unobservable Market Inputs (Level 3)	Total Net Carrying Value in Statements of Financial Position
<b>Assets</b>				
Cash and cash equivalents	\$ 533	\$ 3,983		\$ 4,516
Securities lending collateral		2,868		2,868
Investments:				
Fixed maturity securities				
U.S. Government securities		23,089		
Commercial paper/securities purchased under repurchase agreements		22		
Asset backed/Mortgage securities		3,038		
Pooled funds				
Domestic	1	831	179	
International		1,221		
Global/other				
Corporate bonds and other	4	11,114		
International securities	106	11,283	-	
Total fixed maturity securities	111	50,598	179	50,888
Equity securities:				
Domestic	2,402	63	3	
International	781	6	0*	
Pooled funds				
Domestic	14	9,038		
International	1	10,740		
Global/other	1	-	-	
Total equity securities	3,199	19,847	3	23,049
Private equity			1,077	1,077
Real estate and real estate investment trusts	1	2,584	346	2,931
Insurance contracts and other Investments		5	25	30
Receivables:				
Derivative contracts <sup>1</sup>	5	73		78
<b>Liabilities</b>				
Payables:				
Derivative contracts <sup>2</sup>	22	92		114

\* Less than \$500,000.

<sup>1</sup> Derivative contracts receivables are comprised of open receivable trades on futures, swaps, and collateral deposits. See the Derivative Contracts table under Note 4.

<sup>2</sup> Derivative contracts payables are comprised of open payable trades on futures, swaps, options, and collateral deposits. See the Derivative Contracts table under Note 4.

- (1) The amounts for the Receivables: Derivative contracts and Payables: Derivative contracts include counterparty netting of \$5 million against Level 2 financial assets and liabilities, where a legally enforceable master netting agreement exists. The Collateral deposits associated with these related open receivables are \$59 million (\$64 million gross collateral deposits receivable less \$5 million collateral deposits payable to derivative counterparties). The Collateral deposits associated with the related open payables are \$80 million (\$85 million gross collateral deposits payable less \$5 million collateral deposits receivable from derivative counterparties).

As of September 30, 2014, there were no significant transfers between Level 1 and Level 2. The end of the reporting period is the date used to recognize transfers between levels.

**CHANGES IN LEVEL 3 ASSETS AND LIABILITIES MEASURED AT FAIR VALUE ON A RECURRING BASIS FOR THE YEAR ENDED SEPTEMBER 30, 2014**

<i>(Dollars in millions)</i>	Fair Value at September 30, 2013	Total Realized and Unrealized Gains (Losses) included in Income	Purchases	Sales	Transfers Into Level 3	Transfers Out of Level 3	Fair Value at September 30, 2014	Change in Unrealized Gains (Losses) Related to Financial Instruments held at September 30, 2014 <sup>(2)</sup>
<b>Assets:</b>								
Pooled funds (fixed) Corporate bonds and other *	\$ 232	\$(53)					\$ 179	\$ (54)
Domestic/Int'l equity <sup>(1)</sup>	0	0	0	0			0	0
Private equity	0*	0*	4	(1)			3	0*
	1,228	(35)	9	(125)			1,077	(113)
Real estate & real estate investment trusts	459	(104)	10	(19)			346	(114)
Other *	7	(3)	21	0*			25	(1)

\* Less than \$500,000.

(1) Assets which are not actively traded in the market place.

(2) Amounts included in this column solely represent unrealized gains and losses and cannot be derived from other columns from this table.

Pursuant to FASB Accounting Standards Codification Section 820, *Fair Value Measurements and Disclosures – Investments in Certain Entities That Calculate Net Asset Value per Share*; additional disclosures for Investments priced at Net Asset Value are discussed below.

**INVESTMENTS IN CERTAIN ENTITIES THAT CALCULATE NET ASSET VALUE PER SHARE (OR ITS EQUIVALENT) FOR THE YEAR ENDED SEPTEMBER 30, 2014**

	Fair Value (in millions)	Unfunded Commitments <sup>1</sup>	Redemption Frequency (If Currently Eligible)	Redemption Notice Period
Real estate (a)	\$ 2,931	\$ 72	n/a	n/a
Private equity (b)	1,077	188	n/a	n/a
Pooled funds (c)	<u>22,026</u>	<u>0</u>	n/a	n/a
Total	<u>\$ 26,034</u>	<u>\$260</u>		

<sup>1</sup> Unfunded amounts include recallable distributions. A substantial portion of the unfunded commitments is unlikely to be called.

- a. This class includes 143 real estate investments that invest primarily in U.S. commercial real estate, and to a lesser extent, U.S. residential real estate. The fair value of each individual investment in this class has been estimated using the net asset value of the PBGC's ownership interest in partners' capital. Generally, these investments do not have redemption provisions. Distributions from each fund will be received as the underlying assets of the fund will be liquidated over the next ten years or so. In addition, distributions will also include any periodic income distributions received. No fund investments in this class are planned to be sold. Individual portfolio investments will be sold over time, however, those have not yet been determined.
- b. This class includes 590 private market investments that invest primarily in U.S. buyout and U.S. venture capital funds. A small number of those focus on natural resources. These investments do not have redemption provisions. Instead, the nature of the investments in this class is that distributions are received through the liquidation of the underlying assets of the funds. If these investments were held, it is estimated that the underlying assets of the fund would be liquidated over the next twelve years. However, the individual investments that will be sold have not yet been determined. The fair value of each individual investment has been estimated using the net asset value of the PBGC's ownership interest in partners' capital.
- c. This class includes investments in unit trusts that are intended to match returns of domestic and international indices. Units reflect a pro-rata share of the fund's investments. The per unit net asset value is determined each business day based on the fair value of the fund's investments. Issuances and redemptions are possible daily when a per unit value is determined and are based upon the closing per unit net asset value.



PBGC uses recent prices of group annuities to derive the interest factors used to calculate the present value of future benefit-payment obligations. PBGC determines the interest-factor set that, when combined with a specified mortality table, produces present values that approximate the prices private insurers would charge to annuitize the same benefit-payment obligations.

Based on this valuation and in accordance with the provisions of the FASB Accounting Standards Codification Section 820, *Fair Value Measurements and Disclosures*, the significant unobservable inputs for the liability is the interest rate risk for Level 3 fair value measurements. A change in interest factors has an impact to the calculation of PBGC's present value of future benefits (PVFB) and the impact will be reflected in the Change due to interest factors. The table below summarizes the hypothetical results of using a 100 basis point difference causing the PVFB liability to increase (decrease) with a corresponding decrease (increase) in the interest rates. Furthermore, any such hypothetical change in the PVFB liability would have a corresponding effect on "Due to change in interest factors" expense.

**HYPOTHETICAL AND ACTUAL INTEREST RATE SENSITIVITY CALCULATIONS OF PVFB SINGLE-EMPLOYER TRUSTEED PLANS AND THE MULTIELEMPLOYER PROGRAM<sup>(1)</sup>**

September 30, 2014 <i>(Dollars in millions)</i>	Hypothetical Rates 2.35% for 25 years, 2.25% thereafter	Actual Rates <sup>(2)</sup> 3.35% for 25 years, 3.25% thereafter	Hypothetical Rates 4.35% for 25 years, 4.25% thereafter
Single-Employer Program	\$113,951	\$102,065	\$92,304
Multiemployer Program	53,597	44,190	36,523
Total	\$167,548	\$146,255	\$128,827

(1) Level 3 Fair Value Measurements

(2) Actual rates and PVFB amounts calculated for September 30, 2014 quarterly financial statements.

**NOTE 6: PRESENT VALUE OF FUTURE BENEFITS**

The PVFB is the estimated liability for future pension benefits that PBGC is or will be obligated to pay for trustee plans and plans pending termination and trusteeship. For financial statement purposes, the net assets of plans pending termination and trusteeship (including estimated recoveries, assets, and miscellaneous liabilities) are included in the line item "Plans Pending Termination and Trusteeship." The estimated losses on probable future plan terminations are also included in the PVFB. The PVFB liability is stated as the actuarial present value of estimated future benefit payments.

For FY 2014, PBGC used a 25 year select interest factor of 3.35% followed by an ultimate factor of 3.25% for as long as benefits are to be paid. In FY 2013, PBGC used a 20-year select interest factor of 3.25% followed by an ultimate factor of 3.32% for the remaining years. These factors were determined to be those needed (given the mortality assumptions), to continue to match the survey of annuity prices provided by the American Council of Life Insurers (ACLI). Both the interest factor and the length of the select period may vary to produce the best fit with these prices. The prices reflect rates at which, in PBGC's opinion, the

liabilities (net of administrative expenses) could be settled in the market at September 30, for the respective year, for single-premium nonparticipating group annuities issued by private insurers. Many factors including Federal Reserve policy, changing expectations about longevity risk, and competitive market conditions may affect these rates.

For FY 2014, PBGC used the Retirement Plan-2000 Combined Healthy (RP-2000 CH) Male and Female Tables, each set back one year and projected 25 years to 2025 using Scale AA. For September 30, 2013, PBGC used the same table, set back one year and projected 24 years to 2024 using Scale AA. The number of years that PBGC projects the mortality table reflects the number of years from the 2000 base year of the table to the end of the fiscal year (14 years in FY 2014, 13 years in FY 2013) plus PBGC's calculated duration of its liabilities (11 years in FY 2014 and FY 2013).

PBGC continues to utilize the results of its 2011 mortality study. The study showed that the mortality assumptions used in FY 2010 reflected higher mortality than was realized in PBGC's seriatim population. Therefore, PBGC adopted a base mortality table (i.e. RP2000 set back one year instead of GAM 94 set forward one year) that better reflects mortality experience. The ACLI survey of annuity prices, when combined with the mortality table, provides the basis for determining the interest factors used in calculating the PVFB. The insurance company prices, when combined with the stronger mortality table, results in a higher interest factor.

The expense reserve factor for administrative expenses beginning with the FY 2007 valuation is 1.37 percent plus additional reserves for cases in which plan asset determinations, participant database audits and actuarial valuations were not yet complete. In addition to the completion of these milestones, PBGC continues to base the reserve on case size, number of participants and time since trusteeship.

PBGC has in place a policy that allows the Corporation to not decrease a final benefit determination that is overstated by \$5 or less. The effect of this policy is carried through to the calculation of the PVFB liability.

The present values of future benefits for trustee multiemployer plans for FY 2014 and FY 2013 reflect the payment of benefits and the changes in interest and mortality assumptions, expected interest and the effect of experience.

The resulting liability represents PBGC's best estimate of the measure of anticipated experience under these programs.

The table on the following page summarizes the actuarial adjustments, charges and credits that explain how the Corporation's single-employer program liability for the present value of future benefits changed for the years ended September 30, 2014 and for the fiscal year ended September 30, 2013.

**RECONCILIATION OF THE PRESENT VALUE OF FUTURE BENEFITS  
FOR THE YEARS ENDED SEPTEMBER 30, 2014 AND 2013**

<i>(Dollars in millions)</i>	September 30,	
	2014	2013
Present value of future benefits, at beginning of year -- Single-Employer, net	\$105,018	\$105,635
Estimated recoveries, prior year	44	243
Assets of terminated plans pending trusteeship, net, prior year	1,517	271
Present value of future benefits at beginning of year, gross	106,579	106,149
Settlements and judgments, prior year	(57)	(56)
Net claims for probable terminations, prior year	(745)	(2,035)
Actuarial adjustments -- underwriting:		
Changes in method and assumptions	\$ (168)	\$ 332
Effect of experience	(368)	(733)
Total actuarial adjustments -- underwriting	(536)	(401)
Actuarial charges -- financial:		
Expected interest	3,339	3,388
Change in interest factors	(940)	67
Total actuarial charges -- financial	2,399	3,455
Total actuarial charges, current year	1,863	3,054
Terminations:		
Current year	1,928	4,246
Changes in prior year	(1,453)	(132)
Total terminations	475	4,114
Benefit payments, current year <sup>1</sup>	(5,522)	(5,449)
Estimated recoveries, current year	(56)	(44)
Assets of terminated plans pending trusteeship, net, current year	(226)	(1,517)
Settlements and judgments, current year	62	57
Net claims for probable terminations:		
Future benefits <sup>2</sup>	759	1,166
Estimated plan assets and recoveries from sponsors	(358)	(421)
Total net claims, current year	401	745
Present value of future benefits, at end of year -- Single-Employer, net	102,774	105,018
Present value of future benefits, at end of year -- Multiemployer	0*	0*
Total present value of future benefits, at end of year, net	\$102,774	\$105,018

\* Less than \$500,000 (actual amount is \$369,259 and \$476,192 for the ten Pre-MPPA trustee Multiemployer Plans at September 30, 2014 and September 30, 2013, respectively).

- (1) The benefit payments of \$5,522 million at September 30, 2014, and \$5,449 million at September 30, 2013, include \$45 million in FY 2014 and \$75 million in FY 2013, respectively, for benefits paid from plan assets prior to trusteeship.
- (2) The future benefits for probable terminations of \$759 million and \$1,166 million for the periods ending September 30, 2014, and September 30, 2013, respectively, include \$226 million for September 30, 2014 and \$394 million for FY 2013 for probable terminations not specifically identified and \$533 million and \$772 million, respectively, for specifically identified probables.



The following table details the assets that make up single-employer terminated plans pending termination and trusteeship:

<b>ASSETS OF SINGLE-EMPLOYER PLANS PENDING TERMINATION AND TRUSTEESHIP, NET</b>				
	<b>September 30, 2014</b>		<b>September 30, 2013</b>	
	<b>Basis</b>	<b>Market Value</b>	<b>Basis</b>	<b>Market Value</b>
<i>(Dollars in millions)</i>				
U.S. Government securities	\$ 0	\$ 0	\$ 0	\$ 0
Corporate and other bonds	104	105	703	701
Equity securities	122	126	825	840
Private equity	0	0	0	0
Insurance contracts	0 *	0 *	1	1
Other	(5)	(5)	(52)	(25)
<b>Total, net</b>	<b>\$221</b>	<b>\$226</b>	<b>\$1,477</b>	<b>\$1,517</b>

\* Less than \$500,000

## NET CLAIMS FOR PROBABLE TERMINATIONS

Factors that are presently not fully determinable may be responsible for these claim estimates differing from actual experience. Included in net claims for probable terminations is a provision for future benefit liabilities for plans not specifically identified. This reserve for small unidentified probable losses is recorded for the estimated future contingent losses stemming from insured single-employer plans with an aggregate underfunding of less than \$50 million. The reserve is based on the historic three-year rolling average of actual plan terminations (with an aggregate underfunding of less than \$50 million) and indexed to the S&P 500 to reflect changes in economic conditions. The September 30, 2014 Net Claims for Probable Terminations is \$401 million, of which \$226 million is from the small unidentified probable losses and \$175 million is from a specific identification process.

The values recorded in the following reconciliation table have been adjusted to the expected dates of termination.

## RECONCILIATION OF NET CLAIMS FOR PROBABLE TERMINATIONS

<i>(Dollars in millions)</i>	September 30,		
	2014	2013	2012
Net claims for probable terminations, at beginning of year	\$ 745	\$ 352	\$ 2,035
New claims	\$ 175	\$ 352	
Actual terminations	(351)	(492)	
Deleted probables	0	(1,245)	
Change in benefit liabilities	(168)	95	
Change in plan assets	0	0	
Loss (credit) on probables	(344)		(1,290)
<b>Net claims for probable terminations, at end of year</b>	<b>\$ 401</b>	<b>\$ 745</b>	

The following table itemizes the single-employer probable exposure by industry:

### PROBABLES EXPOSURE BY INDUSTRY (PRINCIPAL CATEGORIES)

<i>(Dollars in millions)</i>	FY 2014	FY 2013
Manufacturing	\$ 175	\$ 268
Health Care	-	83
Total	\$ 175	\$ 351

For further detail, see Note 2 subpoint (4).

The following table shows what has happened to plans classified as probables. This table does not capture or include those plans that were not previously classified as probable before they terminated.

### ACTUAL PROBABLES EXPERIENCE

#### As Initially Recorded Beginning in 1987

<i>(Dollars in millions)</i>	Status of Probables from 1987-2013 at September 30, 2014			
	Number of Plans	Percent of Plans	Net Claim	Percent of Net Claim
Beginning in 1987, number of plans reported as Probable:				
Probables terminated	369	79%	\$29,464	71%
Probables not yet terminated or deleted	0	0	0	0
Probables deleted	101	21	11,974	29
Total	470	100%	\$41,438	100%

## NOTE 7: MULTIEMPLOYER FINANCIAL ASSISTANCE

PBGC provides financial assistance to multiemployer defined benefit pension plans in the form of loans. Since these loans are not generally repaid, an allowance is set up to the extent that repayment of these loans is not expected.

### NOTES RECEIVABLE MULTIEMPLOYER FINANCIAL ASSISTANCE

<i>(Dollars in millions)</i>	September 30, 2014	September 30, 2013
Gross balance at beginning of year	\$783	\$694
Financial assistance payments - current year	97	89
Write-offs related to settlement agreements	0	0
Subtotal	880	783
Allowance for uncollectible amounts	(880)	(783)
Net balance at end of year	\$ 0	\$ 0

Losses from financial assistance and probable financial assistance are reflected in the Statements of Operations and Changes in Net Position and include period changes in the estimated present value of nonrecoverable future financial assistance. Losses from financial assistance are presented as actuarial charges, credits, and adjustments for plans that are known to be insolvent as of the valuation date and/or have or about to begin receiving financial assistance. In addition, a change in the valuation of the liability due to new data received (e.g., new plan expenses, more recent valuation liabilities, and new withdrawal payment



schedules) is included as financial assistance from insolvent and probable plans on the Statements of Operations and Changes in Net Position. This valuation data change is a separate line item from actuarial adjustments and actuarial charges.

To enhance an existing methodology for determining the probable liability, effective with FY 2014, ongoing plans are divided into segments based on the number of plan participants with different processes by plan size. The reserve for small ongoing plan (less than 2,500 participants) probable losses not individually identified uses an aggregate method to estimate liability and exposure, rather than reviewing each plan individually, based on the use of seven years of plan termination history to project the current probable liability. For mid-sized plans (2,500 to 35,000 participants), risk-based rules are applied using a cash-flow model. For large plans (more than 35,000 participants), PBGC identifies ongoing high risk plans for a projection of the date of insolvency to measure the probable liability.

This change in estimate described in the paragraph above applies to FY 2014 and has no effect for FY 2013. Hypothetically, if this change in estimate was not applied to FY 2014, the result would be a decrease to the reserve for medium plans and large plans of approximately \$7.8 billion.

As of September 30, 2014, the Corporation expects 144 individually identified multiemployer plans will exhaust plan assets and need financial assistance from PBGC to pay guaranteed benefits and plan administrative expenses. The present value of nonrecoverable future financial assistance for these 144 plans is \$44,190 million (inclusive of the reserve for small ongoing plan losses not individually identified). The 144 plans fall into three categories: (1) plans currently receiving financial assistance; (2) plans that have terminated but have not yet started receiving financial assistance from PBGC; and (3) ongoing plans (not terminated) that the Corporation expects will require financial assistance in the future. The latter two categories are comprised of multiemployer probables as defined by the following classification criteria:

- Probable insolvent plan-terminated future probables – A plan that may still have assets but the combination of plan assets and collectible payments of withdrawal liability are projected to be insufficient to cover plan benefits plus expenses.
- Probable insolvent plan-ongoing future probables – An ongoing plan with a projected date of insolvency within 10 years.

## MULTIEMPLOYER FINANCIAL ASSISTANCE

<i>(Dollars in millions)</i>	September 30, 2014		September 30, 2013	
	Number of Plans	Net Liability	Number of Plans	Net Liability
Plans currently receiving financial assistance	53	\$1,506	44	\$1,352
Plans that have terminated but have not yet started receiving financial assistance (classified as probable)	61	1,756	65	1,895
Ongoing plans (not terminated) that the Corporation expects will require financial assistance in the future (classified as probable)	30 <sup>1</sup>	40,928 <sup>2</sup>	64	6,684
<b>Total</b>	<b>144 <sup>1</sup></b>	<b>\$44,190</b>	<b>173</b>	<b>\$9,931</b>

<sup>1</sup> 44 Plans have been removed from the plan count and replaced with the Small Plan Bulk Reserve (SPBR) which is reflected in the net liability of ongoing plans.

<sup>2</sup> Ongoing plans include a small probable bulk reserve of \$1,408 million. The significant increase in ongoing future probables net liability from \$6,684 million in FY 2013 to \$40,928 million in FY 2014 is mainly due to the addition of two large new probables with a net claim of \$26,335 million and 14 additional new individually identified probables with a net claim of \$8,987 million.

Of the 144 plans:

- 1) 53 have exhausted plan assets and are currently receiving financial assistance payments from PBGC. The present value of future financial assistance payments for these insolvent 53 plans is \$1,506 million.
- 2) 61 plans have terminated but have not yet started receiving financial assistance payments from PBGC. Terminated multiemployer plans no longer have employers making regular contributions for covered work, though some plans continue to receive withdrawal liability payments from withdrawn employers. In general, PBGC records a loss for future financial assistance for any underfunded multiemployer plan that has terminated. The present value of future financial assistance payments to these 61 terminated plans is \$1,756 million.
- 3) 30 plans are ongoing (i.e., have not terminated), but PBGC expects they will exhaust plan assets and need financial assistance within 10 years. In this analysis, PBGC takes into account the current plan assets, future income to the plan, the statutory funding rules, and the possibility for future increases in contributions. The present value of future financial assistance payments for these 30 ongoing plans is \$40,928 million.

**PRESENT VALUE OF NONRECOVERABLE FUTURE FINANCIAL ASSISTANCE AND LOSSES FROM FINANCIAL ASSISTANCE**

<i>(Dollars in millions)</i>	September 30, 2014	September 30, 2013
Balance at beginning of year	\$9,931	\$7,010
Changes in allowance:		
Losses from insolvent and probable plans - financial assistance	34,260	2,969
Actuarial adjustments	60	(5)
Actuarial charges (credits):		
Due to expected interest	47	44
Due to change in interest factors	(11)	2
Financial assistance granted (previously accrued)	<u>(97)</u>	<u>(89)</u>
Balance at end of period	<u>\$44,190</u>	<u>\$9,931</u>

In the table above, actuarial charges are reported separately from Losses from insolvent and probable plans-financial assistance. As a result, the table includes the following new lines: Actuarial adjustments, Due to expected interest, and Due to change in interest factors. Insolvent plans are presented within these three new actuarial charges (credits) lines. Losses from insolvent and probable plans-financial assistance include plans that terminated but have not yet received financial assistance, ongoing plans that PBGC expects will require financial assistance in the future, and those insolvent plans that have a change in liability due to new plan data included in the valuation.

**NOTE 8: ACCOUNTS PAYABLE AND ACCRUED EXPENSES**

The following table itemizes accounts payable and accrued expenses reported in the Statements of Financial Position:

**ACCOUNTS PAYABLE AND ACCRUED EXPENSES**

<i>(Dollars in millions)</i>	September 30, 2014	September 30, 2013
Annual leave	\$9	\$ 9
Other payables and accrued expenses	<u>76</u>	<u>68</u>
Accounts payable and accrued expenses	<u>\$85</u>	<u>\$ 77</u>

**NOTE 9: REASONABLY POSSIBLE CONTINGENCIES**

**SINGLE-EMPLOYER PLANS**

Single-employer plans sponsored by companies whose credit quality is below investment grade pose a greater risk of being terminated. The estimated unfunded vested benefits exposure amounts disclosed below represent PBGC's estimates of the reasonably possible exposure to loss given the inherent uncertainties about these plans. In rare circumstances for certain large companies, the reasonably possible exposure calculation reflects the estimated unfunded guaranteed benefit determination rather than the estimated unfunded vested benefit determination.

In accordance with the FASB Accounting Standards Codification Section 450, *Contingencies*, PBGC classified a number of these companies who sponsor plans with total unfunded vested benefits of \$50 million or greater as reasonably possible rather than probable terminations, reflecting the sponsors' financial condition and other factors did not indicate that termination of their plans was likely. This classification was done based upon information about the companies as of September 30, 2014. PBGC criteria for a single-employer plan sponsor to be classified as Reasonably Possible are:

- a. The sponsor(s) or significant member(s) of its controlled group (e.g., a parent or major subsidiary) is in reorganization under Title 11 of the United States code.
- b. An application for a funding waiver is pending or outstanding with the IRS.
- c. A minimum funding contribution has been missed.
- d. The sponsor(s) has an S&P senior unsecured credit rating or an issuer credit rating less two notches of BB+ or below, or a Moody's senior unsecured credit rating or a corporate family rating less one notch of Ba1 or below. If the controlled group is not rated by Moody's and S&P, PBGC will use the Dun & Bradstreet Financial Stress Score (if available) to classify the controlled group as Reasonably Possible or Remote.
- e. The sponsor(s) has no bond rating, but analysis indicates that its unsecured debt would be below investment grade.
- f. The sponsor(s) meet at least one of the PBGC "high risk" criteria.
- g. Other (detailed explanation must be provided and be approved by PBGC's Contingency Working Group).

Effective with FY 2014, the reserve for the small unidentified reasonably possible exposure (companies who sponsor plans with less than \$50 million in unfunded vested benefits) is calculated using an aggregate method to estimate liability and exposure, rather than reviewing each company individually. Hypothetically, if this change was not applied to FY 2014, the result would be a decrease to the reasonably possible exposure of approximately \$9 billion.

The estimate of the reasonably possible exposure was measured as of December 31, 2013. The reasonably possible exposure to loss was \$167,113 million for FY 2014. This is a significant decrease of \$125,094 million from the reasonably possible exposure of \$292,207 million in FY 2013. This decrease is primarily due to a decline in the aggregate liability for plans classified as reasonably possible.

Except in the rare circumstances as indicated earlier in this footnote, the estimate of unfunded vested benefits exposure to loss is not generally based on PBGC-guaranteed benefit levels, since data is not available to determine an estimate at this level of precision. PBGC calculated this estimate, as in previous years, by using the most recent data available from filings and submissions to us for plan years ended on or after December 31, 2012. PBGC adjusted the value reported for liabilities to December 31, 2013, using a select rate of 3.44% for the first 20 years and 3.65% thereafter and applying the expense load as defined in 29 CFR Part 4044, Appendix C. The rates were derived in conjunction with the 1994 Group Annuity Mortality Static Table (with margins) projected to 2023 using Scale AA to approximate annuity prices as of December 31, 2013. The underfunding associated with these plans could be substantially different at September 30, 2014, because of the economic conditions that changed between December 31, 2013 and September 30, 2014. PBGC did not adjust the estimate for events that occurred between December 31, 2013, and September 30, 2014.



The following table by industry itemizes the single-employer reasonably possible exposure to loss:

**REASONABLY POSSIBLE EXPOSURE TO LOSS BY INDUSTRY  
(PRINCIPAL CATEGORIES)**

<i>(Dollars in millions)</i>	FY 2014	FY 2013
Manufacturing *	\$84,020	\$150,564
Transportation, Communication and Utilities **	45,545	67,419
Services	19,805	34,740
Wholesale and Retail Trade	8,371	16,721
Health Care	4,517	9,576
Finance, Insurance, and Real Estate	2,741	8,495
Agriculture, Mining, and Construction	2,114	4,692
Total	<u>\$167,113</u>	<u>\$292,207</u>

\* Primarily automobile/auto parts and fabricated metals

\*\* Primarily airline

**MULTIEMPLOYER PLANS**

There are some multiemployer plans that may require future financial assistance. PBGC included amounts in the liability for the present value of nonrecoverable future financial assistance (see Note 7) for multiemployer plans that PBGC estimated may require future financial assistance. In addition, PBGC estimated as of September 30, 2014, that it is reasonably possible that other multiemployer plans may require future financial assistance in the amount of \$17,236 million.

PBGC calculated the future financial assistance liability for each multiemployer plan identified as probable (see Note 7), or reasonably possible. PBGC used a formula taking the present value of guaranteed future benefits and expense payments net of any future contributions or withdrawal liability payments. These amounts were as of the later of September 30, 2014, or the projected (or actual, if known) date of plan insolvency, discounted back to September 30, 2014. PBGC's identification of plans that are likely to require such assistance and estimation of related amounts required consideration of many complex factors, including estimating future cash flows, future mortality rates, and age of participants not in pay status. These factors are affected by future events, including actions by plans and their sponsors, most of which are beyond PBGC's control. Reasonably possible multiemployer classification is defined as an ongoing plan with a projected insolvency date between 10 and 20 years from the valuation date.

To enhance an existing methodology for determining the probable liability, effective with FY 2014, ongoing plans are divided into segments based on the number of plan participants with different processes by plan size (see Note 7). The reserve for small unidentified probable losses (less than 2,500 participants) uses an aggregate method to estimate liability and exposure, rather than reviewing each plan individually, based on the use of seven years of plan termination history to project the current probable liability. The reasonably possible exposure is derived from the total exposure for high risk plans by subtracting the probable liability for small plans. For mid-sized plans (2,500 to 35,000 participants), risk-based rules are applied using a cash-flow model. For large plans (more than 35,000 participants), PBGC identifies ongoing high risk plans for a projection of the date of insolvency to measure the reasonably possible exposure.

This change described in the paragraph above applies to FY 2014. Hypothetically, if this change was not applied to FY 2014, the result would be an increase to the reasonably possible exposure for medium plans and large plans of approximately \$7.6 billion.

## NOTE 10: COMMITMENTS

PBGC leases its office facility under a commitment that began on January 1, 2005, and expires December 10, 2019. This lease provides for periodic rate increases based on increases in operating costs and real estate taxes over a base amount. In addition, PBGC is leasing space for field benefit administrators. These leases began in 1996 and expire in 2019. The minimum future lease payments for office facilities having noncancellable terms in excess of one year as of September 30, 2014, are:

### COMMITMENTS: FUTURE LEASE PAYMENTS

<i>(Dollars in millions)</i>	
Years Ending September 30,	Operating Leases
2015	\$ 20.1
2016	19.9
2017	19.8
2018	19.0
2019	5.2
Minimum lease payments	<u>\$84.0</u>

Lease expenses were \$19.7 million in FY 2014 and \$19.4 million in FY 2013.

## NOTE 11: PREMIUMS

For both the single-employer and multiemployer programs, ERISA provides that PBGC shall continue to guarantee basic benefits despite the failure of a plan administrator to pay premiums when due. PBGC assesses interest and penalties on the unpaid portion of or underpayment of premiums. Interest continues to accrue until the premium and the interest due are paid. See Note 2, *Premiums* for PBGC's premium revenue accounting policy. For plan year 2014, the flat-rate premium for single-employer pension plans was \$49 per participant and for multiemployer plans, \$12 per participant. For plan years 2013 and 2012, the flat-rate premiums for single-employer pension plans were \$42 and \$35, respectively, per participant and for multiemployer plans, \$12 and \$9, respectively, per participant. The variable-rate premium for single-employer plans was \$9 per \$1,000 of unfunded vested benefits for plan years 2012 and 2013, and \$14 for plan years 2014.

Net premium income for FY 2014 was \$3,934 million and consisted of \$2,439 million in variable-rate premiums, \$1,501 million in flat-rate premiums, a credit to bad debt expense of \$24 million, and \$3 million interest and penalty income, offset by \$(33) million in termination premiums (primarily due to the revenue adjustment reducing termination premiums by \$48 million relating to the removal of one large single-employer plan from termination inventory). Bad debt expenses include a reserve for uncollectible premium receivables (including flat, variable, and termination premiums), interest, and penalties.

Net premium income for FY 2013 was \$3,053 million and consisted of about \$1,580 million in variable-rate premiums, \$1,385 million in flat-rate premiums, \$177 million in termination premiums, and \$5 million interest and penalty income, offset by a bad debt expense of \$94 million. The termination premium applies to certain plan terminations occurring after 2005. If a pension plan terminates in a distress termination pursuant to ERISA section 4041(c)(2)(B)(ii) or (iii), or in a PBGC-initiated termination under ERISA section 4042, the plan sponsor and its controlled group are liable to PBGC for a termination premium at the rate of \$1,250 per plan participant per year for three years.

Illustrated in the table below, on a plan year basis, is the flat-rate and variable-rate premium information for the single-employer and multiemployer programs:

Plan Years Beginning on or after January 1	Single-Employer Plans			Multiemployer Plans
	Flat-Rate Premium	Variable-Rate Premium		
	Rate Per Participant	Rate per \$1,000 UVBs	Per Participant Cap	Flat-Rate Premium Rate Per Participant
2014	\$49	\$14	\$412	\$12
2013	\$42	\$ 9	\$400	\$12
2012	\$35	\$ 9	N/A	\$ 9

Based on Executive Order 13563, “Improving Regulation and Regulatory Review,” PBGC moved the flat-rate premium due date for large plans to the same date as the variable-rate premium due date for such plans starting with the 2014 plan year. The due date change of 7.5 months will result in a one-time shift of the premium payment cash collections of large plans between the old and new premium filing due dates. This will cause an increase in the related premium receivables for the current accounting period and thereafter.



The following tables presents a year-to-year comparison of key premium receivable information.

### Net Premiums Receivable

(Dollars in Million)	Single-Employer		Multiemployer		Memorandum	
	Sept. 30, 2014	Sept. 30, 2013	Sept. 30, 2014	Sept. 30, 2013	Sept. 30, 2014	Sept. 30, 2013
Premiums Not Yet Due:						
Estimated Flat-Rate Premiums	\$882	\$26	\$60	\$0 *	\$942	\$26
Estimated Variable-Rate Premiums	1,723	947	0	0 *	1,723	947
Total Net Premiums Not Yet Due	2,605	973	60	0 *	2,665	973
Premiums Past Due:						
Flat-Rate Premiums	86	6	6	1	92	7
Allowance for Bad Debt-Flat-Rate	(10)	(1)	(1)	0 *	(11)	(1)
Variable-Rate Premiums	74	49	0	0	74	49
Allowance for Bad Debt-Variable-Rate	(9)	(7)	0	0	(9)	(7)
Total Net Premiums Past Due	141	47	5	1	146	48
Termination Premiums: <sup>1</sup>						
Termination Premiums	227	265	0	0	227	265
Allowance for Bad Debt-Termination	(213)	(251)	0	0	(213)	(251)
	14	14	0	0	14	14
Interest and Penalty:						
Interest and Penalty Due	2	3	0 *	0 *	2	3
Allowance for Bad Debt-Interest	(1)	(1)	0 *	0 *	(1)	(1)
Total Net Interest and Penalty Due	1	2	0 *	0 *	1	2
Grand Total Net Premiums Receivable	\$2,761	\$1,036	\$65	\$1	\$2,826	\$1,037

\* Less than \$500,000

<sup>(1)</sup> All termination premiums are due from plan sponsors who are either in distress or under Chapter 11 reorganization. In these cases, PBGC files claims in accordance with bankruptcy law along with all other creditors and is entitled only to a pro-rata share of any remaining assets. Depending on the circumstances of the bankruptcy proceedings, it can be years before PBGC receives its pro-rata distribution from the bankruptcy estate. In most cases, PBGC ultimately receives either nothing or only a very small fraction of its total claims files.



The following tables presents a year-to-year comparison of key premium income information.

## PREMIUM INCOME

<i>(Dollars in millions)</i>	September 30, 2014	September 30, 2013
Flat-Rate Premium:		
Single-Employer	\$1,378	\$1,274
Multiemployer	<u>123</u>	<u>111</u>
Total Flat-Rate Premium	1,501	1,385
Variable-Rate Premium	2,439	1,580
Interest and Penalty Income	3	5
Termination Premium	(33)	177
Less Changes in the Allowance Reserve for Bad Debts for Interest, Penalties, and Premiums	<u>24</u>	<u>(94)</u>
<b>Total</b>	<b><u>\$3,934</u></b>	<b><u>\$3,053</u></b>
Single-Employer		
Single-Employer	\$3,820	\$2,859
Termination Premium	(33)	177
Less Changes in the Allowance Reserve for Bad Debts for Interest, Penalties, and Premiums	<u>25</u>	<u>(93)</u>
Total Single-Employer	<u>3,812</u>	<u>2,943</u>
Multiemployer	123	111
Less Changes in the Allowance Reserve for Bad Debts for Interest and Penalties	<u>(1)</u>	<u>(1)</u>
Total Multiemployer	<u>122</u>	<u>110</u>
<b>Total</b>	<b><u>\$3,934</u></b>	<b><u>\$3,053</u></b>

## NOTE 12: LOSSES FROM COMPLETED AND PROBABLE TERMINATIONS

Amounts reported as losses are the present value of future benefits less related plan assets and the present value of expected recoveries from sponsors. The following table details the components that make up the losses:

### LOSSES FROM COMPLETED AND PROBABLE TERMINATIONS SINGLE-EMPLOYER PROGRAM

<i>(Dollars in millions)</i>	For the Years Ended September 30,					
	New Terminations	2014 Changes in Prior Years Terminations <sup>5</sup>	Total	New Terminations	2013 Changes in Prior Year Terminations	Total
Present value of future benefits	\$1,928	\$(1,453)	\$ 475	\$4,246	\$ (132)	\$ 4,114
Less plan assets	993	(748)	245	2,367	87	2,454
Plan asset insufficiency	935	(705)	230	1,879	(219)	1,660
Less estimated recoveries	0	7	7	0	(98)	(98)
Subtotal	935 <sup>1</sup>	(712)	223	1,879 <sup>1</sup>	(121)	1,758
Settlements and judgments		6	6		0*	0*
Loss (credit) on probables	(351) <sup>2</sup>	7 <sup>3</sup>	(344) <sup>4</sup>	(492) <sup>2</sup>	(798) <sup>3</sup>	(1,290) <sup>4</sup>
Total	\$ 584	\$ (699)	\$(115)	\$1,387	\$ (919)	\$ 468

\* Less than \$500,000

<sup>1</sup> Gross amounts for plans terminated during the period, including plans previously recorded as probables.

<sup>2</sup> Net claims for plans previously recorded as probables that terminated.

<sup>3</sup> Includes changes to old and new probables.

<sup>4</sup> See Note 6 - includes \$351 million at September 30, 2014, and \$492 million at September 30, 2013, previously recorded relating to plans that terminated during the period ("Actual terminations").

<sup>5</sup> Changes in prior years' terminations result from revaluations of DOPT assets (e.g., as identified in the plan asset reconciliation process), changes in plan recoveries at DOPT (e.g., from an estimated recovery amount to an expected recovery amount), and changes in DOPT PVFB (e.g., new liability data) for plans with termination dates prior to the current fiscal year in which they were added to PBGC's inventory of terminated plans.

## NOTE 13: FINANCIAL INCOME

The following table details the combined financial income by type of investment for both the single-employer and multiemployer programs:

INVESTMENT INCOME SINGLE-EMPLOYER AND MULTIEMPLOYER PROGRAMS						
	Single-Employer Program	Multiemployer Program	Memorandum Total	Single-Employer Program	Multiemployer Program	Memorandum Total
<i>(Dollars in millions)</i>	Sept. 30, 2014	Sept. 30, 2014	Sept. 30, 2014	Sept. 30, 2013	Sept. 30, 2013	Sept. 30, 2013
Fixed maturity securities:						
Interest earned	\$1,733	\$39	\$1,772	\$1,781	\$40	\$1,821
Realized gain (loss)	790	(1)	789	859	58	917
Unrealized gain (loss)	683	37	720	(4,269)	(194)	(4,463)
Total fixed maturity securities	3,206	75	3,281	(1,629)	(96)	(1,725)
Equity securities:						
Dividends earned	100	0	100	84	0	84
Realized gain (loss)	3,979	0	3,979	2,476	0	2,476
Unrealized gain (loss)	(1,568)	0	(1,568)	1,597	0	1,597
Total equity securities	2,511	0	2,511	4,157	0	4,157
Private equity:						
Distributions earned	7	0	7	24	0	24
Realized gain (loss)	465	0	465	315	0	315
Unrealized gain (loss)	(114)	0	(114)	(67)	0	(67)
Total private equity	358	0	358	272	0	272
Real estate:						
Distributions earned	1	0	1	0	0	0
Realized gain (loss)	159	0	159	(12)	0	(12)
Unrealized gain (loss)	183	0	183	(58)	0	(58)
Total real estate	343	0	343	(70)	0	(70)
Other income:						
Distributions earned	10	0	10	3	0	3
Realized gain (loss)	10	0	10	7	0	7
Unrealized gain (loss)	1	0	1	1	0	1
Total other income	21	0	21	11	0	11
Total investment income	\$6,439	\$75	\$6,514	\$2,741	(\$96)	\$2,645

## NOTE 14: EMPLOYEE BENEFIT PLANS

All of PBGC's permanent full-time and part-time employees are covered by the Civil Service Retirement System (CSRS) or the Federal Employees Retirement System (FERS). Full-time and part-time employees with less than five years of service under CSRS and hired after December 31, 1983, are automatically covered by both Social Security and FERS. Employees hired before January 1, 1984, participate in CSRS unless they elected and qualified to transfer to FERS. Additionally, under the Middle Class Tax Relief and Job Creation Act of 2012, a new category of FERS employees was created: FERS-Revised Annuity Employees (FERS-RAE), which applies to employees who are newly hired on or after January 1, 2013, or rehired with less than five years of civilian service that is potentially creditable under FERS.

PBGC's contribution to the CSRS plan for both FY 2014 and FY 2013 was 7.0 percent of base pay for those employees covered by that system. For those employees covered by FERS, the Corporation's contribution was 11.9 percent of base pay for both FY 2014 and FY 2013. For employees covered by FERS-RAE, the Corporation's contribution was 9.6 percent of base pay for FY 2014. In addition, for both FERS-covered employees and FERS-RAE covered employees, PBGC automatically contributes one percent of base pay to the employee's Thrift Savings account, matches the first three percent contributed by the employee and matches one-half of the next two percent contributed by the employee. Total retirement plan expenses amounted to \$21 million in FY 2014, unchanged from FY 2013. These financial statements do not reflect CSRS or FERS assets or accumulated plan benefits applicable to PBGC's employees. These amounts are reported by the U.S. Office of Personnel Management (OPM) and are not allocated to the individual employers. OPM accounts for federal health and life insurance programs for those eligible retired PBGC employees who had selected federal government-sponsored plans. PBGC does not offer other supplemental health and life insurance benefits to its employees.

## NOTE 15: CASH FLOWS

The following table consists of detailed cash flows from the sales and purchases of investment activity. Sales and purchases of investments are driven by the level of newly trusted plans, the unique investment strategies implemented by PBGC's investment managers, and the varying capital market conditions in which they invest during the year. These cash flow numbers can vary significantly from year to year based on the fluctuation in these three variables.

### INVESTING ACTIVITIES (SINGLE-EMPLOYER AND MULTIEMPLOYER PROGRAMS COMBINED)

<i>(Dollars in millions)</i>	September 30,	
	2014	2013
Proceeds from sales of investments:		
Fixed maturity securities	\$68,613	\$74,456
Equity securities	7,143	12,904
Other/uncategorized	2,476	2,859
Memorandum total	<u>\$78,232</u>	<u>\$90,219</u>
Payments for purchases of investments:		
Fixed maturity securities	\$(68,627)	\$(76,266)
Equity securities	(6,242)	(10,988)
Other/uncategorized	(1,226)	(1,769)
Memorandum total	<u>\$(76,095)</u>	<u>\$(89,023)</u>



The following is a reconciliation between the net income as reported in the Statements of Operations and Changes in Net Position and net cash provided by operating activities as reported in the Statements of Cash Flows.

**RECONCILIATION OF NET INCOME TO NET CASH PROVIDED  
BY OPERATING ACTIVITIES**

	Single-Employer		Multiemployer		Memorandum	
	Program		Program		Total	
	September 30,		September 30,		September 30,	
<i>(Dollars in millions)</i>	2014	2013	2014	2013	2014	2013
Net income (loss)	8,043	1,761	(34,176)	(3,021)	(26,133)	(1,260)
Adjustments to reconcile net income to net cash provided by operating activities:						
Net (appreciation) decline in fair value of investments	(4,607)	(793)	(45)	131	(4,652)	(662)
Net gain (loss) of plans pending termination and trusteeship	35	(49)	0	0	35	(49)
Losses (credits) on completed and probable terminations	(115)	468	0	0	(115)	468
Actuarial charges (credits)	1,864	3,054	0	0	1,864	3,054
Benefit payments - trustee plans	(5,477)	(5,374)	0	0*	(5,477)	(5,374)
Settlements and judgments	(1)	0	0	0	(1)	0
Cash received from plans upon trusteeship	62	24	0	0	62	24
Receipts from sponsors/non-sponsors	94	(1)	0	0	94	(1)
EL/DUEC Trusteeship interest (non-cash)	(17)	(30)	0	0	(17)	(30)
Amortization of discounts/premiums	122	131	12	13	134	144
Amortization and Depreciation expense	12	10	0	0	12	10
Bad debt expense/Write-offs (net)	17	5	0	0	17	5
Changes in assets and liabilities, net of effects of trustee and pending plans:						
(Increase) decrease in receivables	(1,708)	62	(62)	3	(1,770)	65
Increase in present value of nonrecoverable future financial assistance			34,259	2,921	34,259	2,921
Increase in unearned premiums	(283)	49	(35)	12	(318)	61
Increase (decrease) in accounts payable	6	(3)	2	1	8	(2)
Net cash provided (used) by operating activities	(1,953)	(686)	(45)	60	(1,998)	(626)

\* Less than \$500,000

**NOTE 16: LITIGATION**

Legal challenges to PBGC's policies and positions continued in FY 2014. At the end of the fiscal year, PBGC had 32 active cases in state and federal courts and 319 bankruptcy and state receivership cases.

PBGC records as a liability on its financial statements an estimated cost for unresolved litigation to the extent that losses in such cases are probable and estimable in amount. PBGC cannot estimate with any degree of certainty the possible losses it could incur in the event it does not prevail in these matters.

## **NOTE 17: SUBSEQUENT EVENTS**

Management evaluated subsequent events through publication on November 14, 2014, the date the financial statements were available to be issued. Events or transactions for either the single-employer or multiemployer program, occurring after September 30, 2014 and before the financial statements were available to be issued, that provided additional evidence about conditions that existed at September 30, 2014 have been recognized in the financial statements.

For the fiscal year ended September 30, 2014, there were no nonrecognized subsequent events or transactions to report for both the single-employer and multiemployer programs that provided evidence about conditions that did not exist at September 30, 2014, and which arose before the financial statements were available to be issued.

Audit of the Pension Benefit Guaranty Corporation's  
Fiscal Year 2014 and 2013 Financial Statements

Audit Report AUD-2015-2 / FA-14-101-2

**Section III**

**Management Comments**

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Pension Benefit Guaranty Corporation  
1200 K Street, N.W., Washington, D.C. 20005-4026

Office of the Director

MEMORANDUM

November 14, 2014

To: Deborah Stover-Springer  
Acting Inspector General

From: Alice C. Maroni   
Acting Director

Subject: Response to the Independent Auditor's Combined Audit Report for the  
FY 2014 Financial Statement Audit

Thank you for the opportunity to comment on the Office of Inspector General's FY 2014 audit results regarding the agency's financial statements, internal controls, and compliance with laws and regulations. As PBGC is responsible for issuing payments of over \$5 billion in benefits each year, managing over \$80 billion in investments, and undergirding America's pension system, we are pleased that our financial statements have once again received an unmodified opinion. Audited financial statements are a cornerstone of accountability.

We agree with your opinion on internal controls, and appreciate your highlighting areas where we made progress in the past year. Addressing the material weaknesses noted in your report is a top corporate priority. As we implement corrective actions, we will, of course, keep your office informed.

We appreciate the role of the Office of Inspector General, and value the important work it performs.

cc: Edgar Bennett  
Patricia Kelly  
Cathleen Kronopolus  
Ann Orr  
Michael Rae  
Sanford Rich  
Judith Starr  
Martin Boehm  
Theodore Winter

If you want to report or discuss confidentially any instance of misconduct, fraud, waste, abuse, or mismanagement, please contact the Office of Inspector General.

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The Inspector General's HOTLINE  
1-800-303-9737

The deaf or hard of hearing, dial FRS (800) 877-8339 and give the Hotline number to the relay operator.

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Pension Benefit Guaranty Corporation  
Office of Inspector General  
PO Box 34177  
Washington, DC 20043-4177