# International Development Association



# Management's Discussion & Analysis and Financial Statements June 30, 2018

# International Development Association (IDA) Management's Discussion and Analysis June 30, 2018

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#### **Box 1: Selected Financial Data**

This Management's Discussion & Analysis (MD&A) discusses the results of the International Development Association's (IDA) financial performance for the fiscal year ended June 30, 2018 (FY18). For more detailed information relating to IDA's development operations results and corporate performance, refer to the World Bank Corporate Scorecard and Sustainability Review (http://www.worldbank.org/en/results).

In millions of U.S. dollars , except ratio in percentage

	As of and for Fiscal Year ended June 30.									
		2018		2017		2016		2015		2014
Lending Highlights (Sections IV & V)										
Commitments of loans, grants and guarantees	\$	24,010	\$	19,513	\$	16,171	\$	18,966	\$	22,239
Gross disbursements of loans and grants		14,383		12,718		13,191		12,905		13,432
Net disbursements of loans and grants		9,290		8,154		8,806		8,820		9,878
Balance Sheet (Section IV)										
Total assets	\$	206,330	\$	197,041	\$	180,475	\$	178,685	\$	183,445
Net investment portfolio		33,735		29,673		29,908		28,418		28,300
Net loans outstanding		145,656		138,351		132,825		126,760		132,010
Borrowings		7,305		3,660		2,906		2,150		-
Total Equity		163,945		158,476		154,700		147,149		153,749
Income Statement (Section IV)										
Interest revenue, net of borrowing expenses Transfers from affiliated organizations and	\$	1,647	\$	1,521	\$	1,453	\$	1,435	\$	1,468
others		203		599		990		993		881
Development Grants		(4,969)		(2,577)		(1,232)		(2,319)		(2,645)
Net (Loss) Income		(5,231)		(2,296)		371		(731)		(1,612)
Capital Adequacy (Section IX)										
Deployable Strategic Capital Ratio		37.4%		37.2%		NA		NA		NA

#### **Section I: Executive Summary**

#### Goals and the 2030 Development Agenda

With its many years of experience and its depth of knowledge in the international development arena, IDA plays a key role in achieving the WBG's<sup>1</sup> overarching goals of ending extreme poverty by 2030 and promoting shared prosperity in a sustainable manner<sup>2</sup>, and its three priorities of sustainable and inclusive growth, investment in human capital, and strengthening resilience. These goals and priorities reflect and support the international community's development agenda set for 2030, which include the Sustainable Development Goals (SDGs).

The Forward Look: A Vision for the World Bank Group in 2030, describes how the WBG will deliver on its twin goals and its three priorities. The Forward Look rests on four pillars: serving all clients; mobilizing resources for development; leading on global issues; and improving the business model. See **Figure 1.** 

Figure 1: WBG Goals and 2030 Development Agenda



The fiscal year ended June 30, 2018 was the first year of the Eighteenth Replenishment of IDA's resources (IDA18). IDA18 represents an innovative policy and financing package for FY18 through FY20. The IDA18 financing framework represents a fundamental shift in IDA's approach to mobilizing finance since it combines contributions from members and internal resources, with market debt, thereby allowing IDA to provide US\$75 billion<sup>3</sup> in financing for its clients. In April 2018, in line with the expansion of IDA's business model, IDA raised \$1.5 billion in debt in its first debt issuance in the international capital markets. IDA18 is integral to the progress IDA is making toward implementing the Forward Look strategy.

IDA Management's Discussion and Analysis: June 30, 2018 3

<sup>&</sup>lt;sup>1</sup> The institutions of the WBG are: the International Bank for Reconstruction and Development (IBRD), the International Development Association (IDA), the International Finance Corporation (IFC), the Multilateral Investment Guarantee Agency (MIGA), and the International Centre for Settlement of Investment Disputes (ICSID). Each of these institutions is legally and financially independent.

<sup>&</sup>lt;sup>2</sup> Specifically, by decreasing the percentage of people living on less than \$1.90 a day to no more than 3% by 2030 and improving the income growth of the bottom 40% in each country.

<sup>&</sup>lt;sup>3</sup> U.S.dollar amounts are based on an IDA18 reference rate of USD/SDR 1.40207. The USD amounts are provided for illustrative purposes only, as IDA's balance sheet is predominantly managed in Special Drawing Rights (SDR).

#### **Serving All Clients**

IDA18 implementation has been robust, with a strong focus on countries affected by fragility, conflict and violence (FCV), and increased resources and enhanced terms for small states. IDA18 introduced the new Refugee Window to address the development needs of both refugees and their host communities.

\$24<sub>billion</sub>
Total Commitments

\$4.5 billion

\$0.4 billion Small State Commitments

#### **Leading on Global Issues**

IDA is bringing knowledge, convening power, and capacity to address some of the toughest global issues. The five special themes of IDA18 bring additional global attention to priority issues for IDA partners and clients: fragility, climate, gender, jobs, and governance. It is increasing financing for projects with climate cobenefits as part of a broad climate action plan; expanding financing and integrating tools for crisis response to help countries recover from conflict, natural disasters, or pandemics; and helping to level the playing field for women in business.

28% Climate Co-Benefit

Climate Co-Benefi Commitments

55%

**Gender Commitments** 

\$3<sub>billion</sub>
Crisis Response Window

#### **Improving the Business Model**

IDA, along with other WBG entities, is implementing ways to serve its clients more effectively and efficiently. Various administrative reforms and agile programs are underway to simplify procedures, create operating efficiencies and improve operational delivery. Procurement policies are being modernized, to promote internationally recognized core principles of value for money, and create more opportunities and value for IDA's borrowers. In line with these various initiatives, IDA has been able to contain the increase in its administrative expenses, despite the significant increase in its lending activities.

Driving the improved business model is ensuring that IDA has the long-term financial capacity necessary to support its lending operations.

#### **Financial Results and Portfolio Performance**

#### **Equity and Capital Adequacy**

As of June 30, 2018, IDA's reported equity was \$164 billion, an increase of \$5.5 billion from June 30, 2017 (\$158.5 billion). The main drivers of the increase were the receipt of contributions from members. See Section IV: Financial Results.

IDA's deployable strategic capital (DSC) ratio was 37.4% as of June 30, 2018, above the zero percent minimum. IDA's capital continues to be adequate to support IDA's operations. See Section IX: Risk Management.

#### **Lending Operations**

Consistent with the IDA18 agreement to scale-up the volume of IDA's financing to its clients, IDA had \$24 billion of commitments in FY18, the highest amount for a full year in IDA's history, of which \$19 billion were loan and guarantee commitments and \$5 billion were grant commitments. Grants are recorded as an expense in IDA's Statement of Income and are fully compensated by contributions from members that are recorded as equity.

The \$6.4 billion in loan disbursements was the key driver in the \$7.3 billion increase in IDA's net loans outstanding, from \$138.4 billion at the end of the fiscal year ended June 30, 2017 to \$145.7 billion at the end of the fiscal year ended June 30, 2018. See Section V: Development Activities, Products and Programs.

#### **Net Investment Portfolio**

As of June 30, 2018, the net investment portfolio stood at \$33.7 billion, an increase of \$4 billion compared to June 30, 2017 (\$29.7 billion). IDA's investments remain concentrated in the upper end of the credit spectrum, with 59% rated AA or above, reflecting IDA's objective of principal protection and resulting preference for high quality investments. See Section VII: Investment Activities.

#### **Borrowing Portfolio**

IDA raised \$1.5 billion in fixed-rate market debt in April, 2018, in its first issuance in the international capital markets. The issuance was denominated in USD and has a fiveyear maturity.

As of June 30, 2018, total borrowings from members - Concessional Partner Loans, (CPLs) - were \$5.8 billion. Under IDA17 and IDA18, certain members agreed to provide concessional loans, where the borrowing terms aim to follow the terms of IDA's concessional loans.

#### **Net Income**

IDA had a net loss of \$5.2 billion on a reported basis for the fiscal year ended June 30, 2018, compared with a net loss of \$2.3 billion in the fiscal year ended June 30, 2017. In both fiscal years, the results were primarily driven by the impact of grants provided to IDA's eligible members, \$5 billion in FY18 and \$2.6 billion in FY17. The increase in grants is consistent with the increase in the size of the IDA18 replenishment and increased grant allocations (IDA18-23%, IDA17-13%). Grants are financed by contributions from members, which are recorded as equity and not reflected in the Statement of Income. In addition, the FY18 net loss reflects a \$548 million loan loss provisioning charge, as compared to a \$56 million release of provision in FY17. The FY18 charge is primarily driven by a refinement of the loan loss provisioning methodology. See Notes to Financial Statements – Note F – Loans and Other Exposures. \$164<sub>billion</sub> **Total Equity** 

37.4% DSC

\$145.7<sub>billion</sub> **Net Loans Outstanding** 

> \$5<sub>billion</sub> Grant Expense

\$33.7 billion Net Investment Portfolio

\$1.5<sub>billion</sub> Market Borrowings

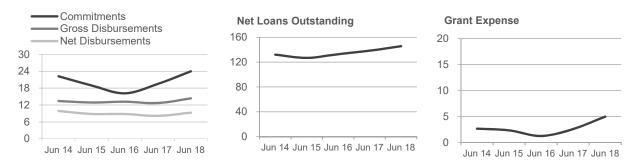
 $$5.8_{\text{billion}}$ Concessional Partner Loans

\$5.2<sub>billion</sub>

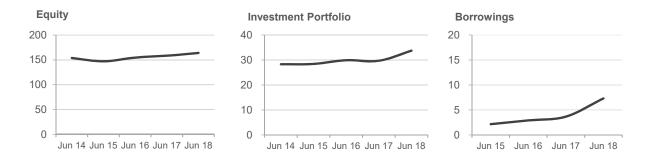
#### **Key Performance Indicators**

In billions of U.S. dollars

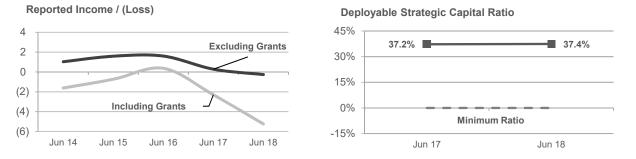
**LENDING** – During FY18, IDA committed \$24 billion to help its member countries to finance their development. The majority of IDA's loans typically disburse over a period of 5 to 10 years, and have repayment periods of up to 40 years. Therefore, each replenishment generally results in a steady increase in IDA's net loans outstanding. Since IDA's loans are primarily in SDR, their reported balance is affected by the appreciation /depreciation of the SDR against the USD. Consistent with the increase in the size of the IDA18 replenishment and increased allocations, IDA's grant expense has increased.



**EQUITY, LIQUIDITY & BORROWINGS** – Each successive replenishment has increased the amount of equity available to finance IDA's operations. Since IDA's resources are primarily in SDR, the reported balance of IDA's equity is affected by the appreciation /depreciation of the SDR against the USD. IDA has maintained high levels of liquidity in its investment portfolio to ensure that it can meet its liquidity needs, even under potential scenarios of severe market disruptions. The FY18 borrowings balance reflects both borrowings from members and capital market debt.



FINANCIAL RESULTS & CAPITAL ADEQUACY – IDA's reported net losses are primarily driven by its grant activity, as previously discussed. Given the long duration of IDA's investment portfolio, which is carried at fair value, results can also be affected by unrealized gains and losses due to movements in the relevant yield curves. IDA's main measure for capital adequacy, the DSC was introduced in FY17. It measures the amount of capital available to support future commitments over and above the current loan portfolio, and has remained stable.



#### Section II: Overview

#### Presentation

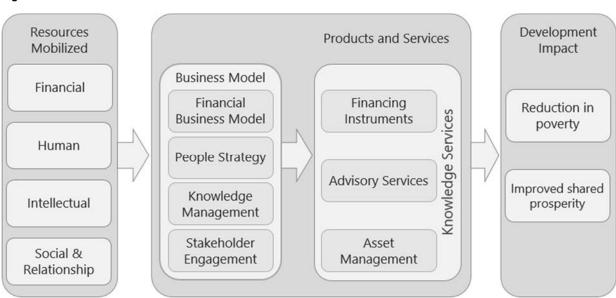
This document provides Management's Discussion and Analysis (MD&A) of the financial condition and results of operations for IDA for the fiscal year ended June 30, 2018. A Glossary of Terms is provided at the end of this document.

IDA undertakes no obligation to update any forward-looking statements. Certain reclassifications of prior years' information have been made to conform with the current year's presentation. For further details see Note A: Summary of Significant Accounting and Related Policies in the Notes to the Financial Statements for the year ended June 30, 2018.

#### Introduction

Owned by its 173 members, IDA, a triple-A rated entity and one of the five institutions of the WBG, has been providing financing and knowledge services to many of the world's developing countries for more than 57 years. IDA was created to supplement the activities and objectives of the International Bank for Reconstruction and Development, by providing development financing to lower income countries on more flexible terms. IDA currently has lending, grant, and guarantee activities in over 107 countries. In addition to loans, grants, and guarantees provided to countries to help meet their development needs, IDA leverages its experience and expertise to provide technical assistance and policy advice. It also supports countries with disaster risk financing and insurance against natural disasters and healthrelated crises, and facilitates financing through trust fund partnerships. While its main business activity is extending loans to its eligible member countries, by operating across a full range of country clients IDA maintains a depth of development knowledge, uses its convening power to advance the global public goods agenda, and coordinates responses to regional and global challenges. Figure 2 illustrates how IDA creates value.

Figure 2: How IDA Creates Value



Every three years, representatives of IDA's members<sup>4</sup> meet to assess IDA's financial capacity and the medium-term demand for new IDA financing. Members decide the policy framework, agree upon the amount of financing to be made available for the replenishment period, and commit to additional contributions of equity that are required to meet these goals. The meetings culminate in a replenishment agreement that determines the size, sources (both internal and external), and uses of funds for the following three years.

4 IDA's members are owners and hold voting rights in IDA. Members do not, however, hold shares in IDA and are therefore not referred to as shareholders. Payments for subscriptions and contributions from members increase IDA's paid-in equity and are financially equivalent to paid-in capital in multilateral development organizations with capital structures.

#### **Financial Business Model**

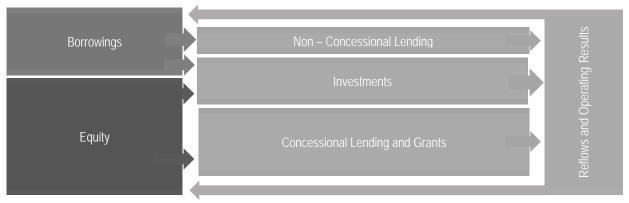
IDA has financed its operations over the years with its own equity, including periodic additions to equity provided by member countries as part of the replenishment process. As a result of the strong support of member countries, IDA has built up a substantial equity base, amounting to \$164 billion as of June 30, 2018. IDA first introduced debt into its business model in IDA17 through concessional partner loans (CPLs) received from some of its members. CPLs are also part of the IDA18 framework. In order to make the most efficient use of the strong equity base that has been built up over the decades, IDA has included market debt in its business model in FY18. By prudently leveraging its equity and blending market debt with additional equity contributions from members, IDA has increased its financial efficiency, and scaled up its financing to

support the escalating demand for its resources to deliver on the following priorities:

- Retain IDA's mandate to provide concessional financing on terms that respond to clients' needs and ensure debt sustainability for IDA's borrowers; and
- Ensure long-term financial sustainability of IDA's financial model through a prudent risk management framework.

Concessional lending, including grants, is primarily financed by IDA's equity. Non-concessional lending will primarily be financed by market debt. To the extent that market debt will be used to finance concessional lending, it will be blended with member contributions, which will provide an interest subsidy. See **Figure 3**.

Figure 3: IDA's Financial Business Model



#### **Governance and Risk Management**

IDA's risk management governance structure is designed to manage the principal risks IDA assumes in its activities, and supports Management in its oversight function, particularly in coordinating different aspects of risk management. **Table 1** shows a summary of IDA's risk management framework which has been enhanced starting from FY18 given the new hybrid financing model under IDA18 (Discussed in Section IX).

#### Table 1: IDA's Risk Management Framework

Governance	
Structure	IDA's governance structure is led by IDA's Board of Governors, Executive Directors and IDA Deputies.
	The Finance and Risk Committee (FRC), a management-level committee chaired by the World Bank Group Managing Director and Chief Financial Officer, provides a governance structure for decisions that have credit, financial or operational risk implications.
Capital Adequacy	World Bank departments and staff are responsible for both IDA and IBRD financial and risk management design, implementation and oversight.
Sufficiency of Equity to withstand unexpected shocks	Capital adequacy is ensured using a solvency-based capital adequacy framework; the Deployable Strategic Capital (DSC) framework. The DSC includes a buffer of ten percent of equity and loan loss reserve. This buffer is held in addition to the capital required to protect against potential losses from existing exposures under currently prevailing conditions. IDA's financing activities are managed so that the DSC is maintained above
	zero.
Credit Risk	
Loan Portfolio Credit Quality Concentration Risks	<ul> <li>IDA's Credit Risk Management Framework includes regular comprehensive country risk assessments. IDA's lending volumes are based on the Performance Based Allocation (PBA) mechanism and the allocation framework agreed at each replenishment, taking into account capital adequacy requirements and the single borrower limit (SBL), which is established in line with Basel-based principles. Capital adequacy is determined based on country credit-risk ratings derived using IDA's comprehensive internal ratings assessment methodology.</li> </ul>
Counterparty Credit Risk  Market Risk	<ul> <li>Counterparty risk is mitigated through approval and monitoring procedures, including assigning credit limits.</li> </ul>
Interest Rates	<ul> <li>Asset Liability Management (ALM) policies ensure the alignment of interest rates between assets (loans and investments) and related funding. Funding risk related to the mismatch between the maturity profile of debt and the related assets funded by debt is monitored through duration management and adjustments to capital requirements.</li> </ul>
Exchange Rates	Currency risk management policies ensure broad alignment between lending commitments to eligible members and all sources of new and existing funding.
Liquidity Risk	
Prudential Minimum	<ul> <li>The prudential minimum is set at 80% of 24 months of projected net outflows and is held in the investment portfolio. The investment portfolio is being transitioned from a core liquidity approach toward a three sub-portfolio structure: Operational, Stable and Discretionary.</li> </ul>

#### **Basis of Reporting**

IDA prepares its financial statements in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP), referred to in this document as the "reported basis". IDA's functional currencies are the SDR and its component currencies of U.S. dollar, Euro, Japanese Yen, Pound Sterling and Chinese Renminbi. For the convenience of its members and other users, IDA's financial statements are reported in U.S.dollars.

#### **Fair Value Results**

IDA reflects all financial instruments at fair value in Section X: Fair Value Analysis of the MD&A. The fair value of these instruments is affected by changes in market variables such as interest rates, exchange rates, and credit risk. Management uses fair value to assess the performance of the investment-trading portfolio, and to manage various market risks, including interest rate risk and commercial counterparty credit risk.

#### Section III: IDA's Financial Resources

IDA's triennial replenishments have grown from \$690 million for the initial replenishment to \$75 billion in IDA18. Since its inception, IDA has provided \$369 billion of loans and grants. For FY18, IDA's commitments reached \$24 billion spread over 206 new operations.

#### **IDA18 Funding**

IDA's Commitment Authority, the resource envelope available for financing lending and grant commitments made during the three-year replenishment period, is based on the long-term outlook of IDA's financial sustainability. This takes into account the amount of member contributions and the concessionality of the proposed financing to

borrowers, market conditions, and capital adequacy requirements. For the three-year funding cycle of IDA18, the agreed resource envelope totals \$75 billion primarily supported by \$27 billion of member contributions, including \$6 billion of member compensation for HIPC and MDRI and, \$21 billion of loan reflows and investment income.

#### Allocation of IDA18 Resources

Eligibility for IDA's resources is determined primarily by a member's relative poverty. Relative poverty is defined as Gross National Income (GNI) per capita below an established threshold and is updated annually. For FY19, the threshold is \$1,145 (FY18: \$1,165).

As of July 1, 2018, 75 countries are eligible to borrow from IDA on concessional terms. These are as follows:

	"Non-Gap" countries	<ul> <li>34 countries that (a) have not exceeded the IDA operational cut-off GNI per capita for more than two consecutive years; and (b) are not creditworthy for IBRD financing.</li> <li>1 country with loans in nonaccrual status, where the GNI per capita currently exceeds the IDA operational cutoff, is classified as "IDA-only" based on its classification at the time it became a nonaccrual country.</li> </ul>
"IDA Only" countries	"Gap" Countries	10 countries that are eligible only for IDA resources, which are (a) determined by IDA to be eligible for IDA financing; (b) determined by IDA to have a GNI per capita that has exceeded the cut-off for IDA eligibility for more than two consecutive years; and (c) not currently determined by IBRD to be creditworthy for IBRD financing.
	"Small Island Economies"	11 Small Island Economies that are eligible only for IDA resources through the Small Island Economies Exception: the special treatment that IDA accords Small Island Economies which have per capita incomes above the IDA operational cut-off but have no or very limited creditworthiness which limits or precludes their access to IBRD borrowing.
	"Small State Economies"	4 Small State Economies that are eligible only for IDA resources through the Small State Economies Exception: the special treatment that IDA accords Small State Economies which have per capita incomes above the IDA operational cut-off but have no or very limited creditworthiness which limits or precludes their access to IBRD borrowing.
"Blend" countries		<b>14</b> countries (including 5 Small Island Economies) which are determined: (a) by IDA to be eligible for IDA financing; and (b) by IBRD to be creditworthy for IBRD financing.
		1 country with loans in nonaccrual status, which was classified as "Blend" at the time it became a nonaccrual country.

# Allocation - Performance Based Allocation (PBA) System

IDA's resources are allocated to eligible members, using its Performance Based Allocation (PBA) system and the allocation framework agreed during each replenishment. These allocations depend on several factors: the overall availability of IDA's resources, individual country's needs, their policy performance and institutional capacity, and each country's performance relative to others. The PBA system is designed to provide resources where they are likely to be most helpful in reducing poverty.

Under the PBA, the main factor that determines the allocation of IDA's core concessional resources among eligible countries is the performance in the Country Policy and Institutional Assessment (CPIA). The CPIA reflects the results of an exercise that rates eligible countries against a set of criteria including: economic management; structural policies; policies for social inclusion and equity; and public-sector management and institutions. The CPIA and portfolio performance together constitute the IDA Country Performance Rating (CPR). In addition to the CPR, population and per capita income factor into a country's final allocation, which can also reflect remedies under the Non-Concessional Borrowing Policy (NCBP) options, if applicable.

Following a review of IDA's resource allocation framework under IDA18, the base allocation per country was increased to SDR 45 million (SDR 12 million in IDA17) per replenishment or SDR 15 million annually.

In recognition of the change in IDA's business model, and to ensure that its lending decisions are compatible with the capital adequacy requirements of a triple-A rating, the allocation framework for IDA18 is aligned with the SBL and capital adequacy requirements under the DSC Framework, see Section IX: Risk Management.

#### **Concessional Financing**

Concessional financing is provided in the form of loans, grants and guarantees. Eligibility and percentage of allocation for grants for IDA-only countries is based on an assessment of the country's risk of debt distress, where the higher the risk assessment, the greater the proportion of grant financing. Gap and Blend countries are only eligible for grant financing via the Refugee sub-window, if applicable.

**Core Financing**, represents \$52.4 billion of the IDA18 resource envelope, which is allocated based on the PBA. The amount available for each country is a function of the country's CPR rating and per capita income.

**Non-Core Financing**, allows IDA to respond to specific needs of its members. In IDA18, \$11.1 billion of the IDA18 resource envelope will be used to fund the following windows:

IDA's Regional Program \$7 billion	To support the regional approaches to development including for infrastructure; includes a new \$2 billion Refugee sub-window to help IDA countries that host refugees.
IDA's Crisis Response Window (CRW) \$3 billion	To support IDA members' response and preparedness against severe natural disasters, economic crises, and health emergencies.
Re-engagement Set Aside \$1.1 billion	To support applicable members to re-engage with IDA.

As of June 30, 2018, \$21.6 billion of concessional resources have been committed.

#### **Non-Concessional Financing**

Non-Concessional financing comprises loans and guarantees whose terms are aligned with those of IBRD's flexible loans and guarantees. Under IDA18,

\$9 billion of resources have been allocated to nonconcessional financing, of which \$6.2 billion relates to the Scale-up Facility and \$2.8 billion relates to transitional support for graduating countries.

Scale-up Facility: The Scale-up Facility is a window of resources established to enhance support for high-quality, transformational projects with strong development impact. Allocation of Scale-up Facility resources to the regions will broadly conform to the allocations under the PBA, excluding countries at a high risk of debt distress. Allocations are balanced between IDA-only and blend countries, and to avoid countries from having a concentration of Scale-up Facility resources. Implementation arrangements will prioritize a country's ability to absorb resources and the proposed projects' alignment with IDA18 policy priorities and WBG goals.

Transitional Support for Graduating Countries: A member country that was once eligible for IDA financing may no longer be eligible, and be deemed to have "graduated" from IDA to IBRD as a result of an improvement in growth, poverty reduction and creditworthiness. While graduation from IDA represents an important milestone of progress in a country's development, in some cases it could adversely impact a country's capacity to maintain development momentum, if it leads to a significant decline in available financing for that country. During the IDA18 replenishment discussions, it was agreed that IDA would provide transitional support to these members in order to ensure a smooth transition from IDA to IBRD. Accordingly, it was agreed that transitional support would be given at nonconcessional terms to new graduates. Bolivia, Sri Lanka and Vietnam graduated from IDA on June 30, 2017, and may receive up to \$2.8 billion in exceptional transitional support for the IDA18 period only.

As of June 30, 2018, \$2.3 billion of Scale-up Facility resources and \$0.2 billion of transitional support have been committed.

#### **Private Sector Window (PSW)**

In line with the Forward Look, a \$2.5 billion IFC-MIGA Private Sector Window was created and made operational under IDA18. Its goal is to mobilize private sector investment in the IDA-only and IDA-eligible FCV countries, with particular emphasis on FCV countries. The PSW is deployed through four facilities. These facilities have been designed to target critical challenges faced by the private sector in these difficult markets and will leverage IFC and MIGA's business platforms and instruments. The facilities are as follows:

- Risk Mitigation Facility: Involves both MIGA and IFC, and is designed to provide project-based guarantees to encourage/mobilize private sector investment in infrastructure projects and publicprivate partnerships.
- Local Currency Facility: Administered by IFC, this facility is designed to provide local currency denominated loans, investments or hedges to private sector clients who operate in markets where there are limited currency hedging capabilities. In the absence of currency hedging instruments and creditworthy counterparties, IDA would enter into swaps or indemnity agreement with IFC.
- Blended Finance Facility: Administered by IFC, this facility blends PSW financing support with IFC investments to support small and medium enterprises (SMEs), agribusiness and other pioneering investments.
- MIGA Guarantee Facility: Administered by MIGA, this facility is designed to expand the coverage of MIGA Political Risk Insurance (PRI) products through shared first-loss or risk participation similar to reinsurance.

As of June 30, 2018, \$185 million of instruments under the PSW had been approved, to which IDA has \$45 million of exposure (\$36 million for guarantees and \$9 million for derivatives).

#### **Section IV: Financial Results**

#### **Summary of Financial Results**

IDA had a net loss of \$5,231 million in FY18 compared with a net loss of \$2,296 million in FY17. The net loss in FY18 was largely driven by i) \$4,969 million of grant activity, primarily in the Africa region, for which IDA is compensated by member contributions that are recorded in equity and,

ii) a \$548 million loan loss provisioning charge, of which \$409 million was due to a refinement of the loan loss provision methodology. See Notes to Financial Statements – Note F – Loans and Other Exposures.

#### **Table 2: Condensed Statement of Income**

In millions of U.S.dollars

For the fiscal year ended June 30,	2018	2017	Variance
Interest Revenue			
Loans	\$ 1,376	\$ 1,232	\$ 144
Investments, net	420	391	29
Borrowings, net	(149)	(102)	(47)
Interest Revenue, net of borrowing expenses	1,647	1,521	126
Provision for losses on loans and other exposures, (charge) release	(548)	56	(604)
Other expenses, net (Table 10)	(23)	(2)	(21)
Net non-interest expenses (Table 9)	(1,464)	(1,499)	35
Transfers from affiliated organizations and others	203	599	(396)
Non-functional currency translation adjustment gains (losses), net	89	(49)	138
Unrealized mark-to-market losses on investments-trading portfolio, net	(128)	(367)	239
Unrealized mark-to-market (losses) gains on non-trading portfolios, net	(38)	22	(60)
Development grants	(4,969)	(2,577)	(2,392)
Net Loss	\$ (5,231)	\$ (2,296)	\$ (2,935)

#### **Table 3: Condensed Balance Sheet**

In millions of U.S.dollars

As of June 30,	2018	2017	Variance		
Assets					
Due from Banks	\$ 523	\$ 483	\$ 40		
Investments	36,075	32,033	4,042		
Net loans outstanding	145,656	138,351	7,305		
Receivable from derivatives	21,914	23,843	(1,929)		
Other assets	2,162	2,331	(169)		
Total assets	\$ 206,330	\$ 197,041	\$ 9,289		
Liabilities					
Borrowings	\$ 7,305	\$ 3,660	\$ 3,645		
Payable for derivatives	21,958	24,073	(2,115)		
Other liabilities	13,122	10,832	2,290		
Equity	163,945	158,476	5,469		
Total liabilities and equity	\$ 206,330	\$ 197,041	\$ 9,289		

#### **Total Assets**

As of June 30, 2018, total assets were \$206.3 billion, an increase of \$9.3 billion from June 30, 2017 (\$197 billion). The asset growth was primarily driven by an increase in net loans outstanding and investments, which were primarily funded by a \$5.5 billion increase in Equity and \$3.6 billion in Borrowings. While the receivable and payable from derivatives were \$21.9 billion as of June 30, 2018, IDA's net derivative exposure after master-netting agreements and collateral was \$250 million as of June 30, 2018, a \$91 million increase as compared with June 30, 2017. Refer to Note E: Derivative Instruments in the Notes to the Financial Statements for the year ended June 30, 2018.

#### **Equity**

IDA's equity increased by \$5.5 billion as compared to the prior year, primarily due to a \$10.1 billion increase in subscriptions and contributions paid-in in the form of cash and demand obligations, and \$1.4 billion decrease in accumulated other comprehensive loss due to positive translation adjustments on functional currencies, as the SDR appreciated against the USD. This was offset by \$5.2 billion of net losses incurred during the year.

Table 4: Changes in Equity

In millions of U.S.dollars		
Equity balance as of June 30, 2017	\$	158,476
Subscriptions and contributions paid-in		10,058
Nonnegotiable, noninterest-bearing demand obligations		(722)
Accumulated deficit		(5,231)
Accumulated other comprehensive income		1,364
Deferred amounts to maintain value of curren holdings	су	
Total activity	\$	5,469
Equity balance as of June 30, 2018	\$	163,945

At the time of its IDA18 pledge in December 2016, the United States (the member country with the largest voting power), announced an indicative pledge of

Table 5: Loans Outstanding by Region

In millions of U.S. dollars

		% of			% of		
As of June 30,	2018	Total		2017	Total		Variance
Africa	\$ 59,220	39	%	\$ 52,991	37	%	\$ 6,229
East Asia and Pacific	19,638	13		19,460	14		178
Europe and Central Asia	7,389	5		7,462	5		(73)
Latin America and the Caribbean	2,605	2		2,518	2		87
Middle East and North Africa	2,891	2		3,025	2		(134)
South Asia	58,285	39		56,728	40		 1,557
Total	\$ 150,028	100	%	\$ 142,184	100	%	\$ 7,844

\$3,872 million that was explicitly linked to a review and possible change by the new Administration. The new Administration confirmed its participation in IDA18 with a pledge of \$3,291 million, which was authorized in the recent omnibus appropriations bill and for which Congress appropriated \$1,097 million this fiscal year. Both the pledge, in the form of an Instrument of Commitment (IoC), and the funds were received by IDA in June 2018.

Demand obligations – Demand obligations are nonnegotiable and noninterest-bearing instruments of payment. Payments on these instruments are due to IDA upon demand and the instruments are typically held in central bank accounts in IDA's name. During FY18, the receipt of new notes amounting to \$5.2 billion was offset by the encashment of notes of \$4.5 billion.

Accumulated deficit - Primarily represents the impact of IDA's grant activity and the HIPC and MDRI programs, which are compensated for by member contributions which are recorded as subscriptions and contributions. The \$5.2 billion increase is primarily due to grant activity as discussed earlier.

#### **Loan Portfolio and Grant Activity**

As of June 30, 2018, IDA's net loans outstanding were \$145.7 billion, \$7.3 billion higher compared with June 30, 2017 (\$138.4 billion). The increase was mainly due to \$6.4 billion in net positive loan disbursements, complemented by currency translation gains of \$1.4 billion, consistent with the 1.1% appreciation of the SDR against the U.S. dollar during the year.

As of June 30, 2018, 96% of IDA's gross loans outstanding were SDR denominated loans, 3% U.S. dollar denominated loans and 1% were EUR denominated loans.

#### **Loans Outstanding**

Loans outstanding as of June 30, 2018 were \$150 billion. **Table 5** shows loans outstanding by region.

**Table 6 shows** gross disbursements of loans and grants by region. IDA's loans generally disburse within five to ten years for investment project financing and one to three years for development policy financing, therefore, FY18 and FY17 disbursements also include amounts relating to commitments made in earlier years. Principal repayments and prepayments increased by \$0.5 billion in FY18, from \$4.6 billion in FY17 to \$5.1 billion in FY18.

Table 6: Gross Disbursements of Loans and Grants by Region

In millions of U.S. dollars

Total	\$	11,540	2,843	14,383	\$ 10,613	2,055	12,668
South Asia		3,602	233	3,835	3,861	109	3,970
Middle East and North Africa		47	522	569	58	333	391
Latin America and the Caribbean		125	98	223	133	96	229
Europe and Central Asia		249	49	298	254	56	310
East Asia and Pacific		1,176	76	1,252	1,047	98	1,145
Africa	\$	6,341	1,865	8,206	\$ 5,260	1,363	6,623
For the fiscal year ended June 30,		Loans	Grants <sup>a</sup>	Total	Loans	Grants <sup>a,b</sup>	Total
	_		2018			2017	

a. Excludes Project Preparation Advances (PPA).

**Table 7** shows the breakdown by term. For FY18, 62% are on regular terms and the remaining are interest bearing loans.

Table 7: Revenue by Category

In millions of U.S. dollars

							Int	erest Rev	enue '	from Loan	S	
	Outst	anding balanc	e as o	f June 30,	Interest				Service charges			es
Category		2018		2017		FY18		FY17		FY18		FY17
Loans												
Concessional												
Regular	\$	93,179	\$	87,183	\$	15	\$	14	\$	665	\$	606
Blend		54,546		53,346		220		174		411		388
Hard		1,313		1,276		38		36		10		9
Non-concessional												
Transitional support		468		222		8		3		-		-
Scale-up Facility <sup>a</sup>		522		157		9		2				
Total	\$	150,028	\$	142,184	\$	290	\$	229	\$	1,086	\$	1,003

a. In addition, \$8 million of commitment charges were earned in FY18 under the Scale-up Facility (\$1 million in FY17)

**Table 7** shows the breakdown by term. For FY18, 62% are on regular terms and the remaining are interest bearing loans.

Table 7 shows IDA's interest and service charge revenue by loan type. The \$61 million increase in interest is primarily driven by the increase in interest on blend term loans, reflecting the increased volume of disbursements under interest-bearing blend term lending.

As of June 30, 2018, IDA's payable for development grants was \$8.7 billion, \$2.1 billion higher than as of June 30, 2017 (\$6.6 billion). This increase reflects grant expenses of \$5 billion in FY18 which, consistent with the larger IDA18 envelope, were \$2.4 billion higher compared to FY17 (\$2.6 billion), partially offset by grant disbursements of \$2.8 billion. The FY18 grant disbursements included \$1.9 billion to the

Africa region and \$0.5 billion to the Middle East and North Africa region.

#### **Investment Portfolio**

The net investment portfolio increased by \$4 billion from \$29.7 billion as of June 30, 2017 to \$33.7 billion as of June 30, 2018. The key drivers are:

- The receipt of \$9.3 billion relating to member contributions, \$2.1 billion in concessional loans from members, and \$1.5 billion in capital market borrowings.
- The inflow of \$5.1 billion in the form of loan repayments and prepayments, included in internal resources.
- The payment of \$14.4 billion in loan and grant disbursements.

b. Excludes \$50 million grant for the Pandemic Emergency Financing Facility.

Table 8: Change in Net Asset Value of IDA's Investment Portfolio

In millions of U.S. dollars

For the fiscal year ended June 30,		2018		2017
Net Asset Value of Investment Portfolio, at beginning of fiscal year	\$	29,673	\$	29,908
Sources of Funds				
Member resources		11,449		7,679
Capital market borrowings		1,489		-
Transfers from affiliated organizations		203		598
Internal resources		5,474		4,936
Total Sources of Funds		18,615	_	13,213
Application of Funds				
Loans disbursements		(11,540)		(10,613)
Grants disbursements (including PPA grant activity)		(2,847)		(2,105)
Borrowing expenses		(110)		(82)
Total Application of Funds		(14,497)	_	(12,800)
Operating Activities				
Net non-interest expenses (see Table 9)		(1,464)		(1,499)
Interest revenue from loans		1,394		1,240
Total Operating Activities	_	(70)		(259)
Effects of exchange rates		92		(208)
Unrealized mark-to-market losses on the investment portfolio		(149)		(399)
Net movement in non-operating activities		71		218
Net Asset Value of Investment Portfolio, at end of fiscal year	\$	33,735	\$	29,673

#### **Borrowing Portfolio**

As part of IDA18, five members have agreed to provide IDA with concessional loans totaling \$5.2 billion. During FY18, IDA has signed concessional loan agreements totaling \$5 billion with all five members, of which \$2.1 billion was received as loan proceeds. As of June 30, 2018, total borrowings from members under IDA17 and IDA18 were \$5.8 billion. For more details, see Notes to Financial Statements - Note D – Borrowings.

In April 2018, for the first time, IDA issued \$1.5 billion of debt in the international capital markets. This debt was denominated in USD and has a maturity of five years. As part of IDA's asset-liability management strategy, IDA also entered into derivatives to convert the fixed rate bond into a floating rate instrument. For more details, see Notes to Financial Statements - Note D – Borrowings.

#### **Transfers from Affiliated Organizations**

In FY17, IBRD introduced a formula-based approach for determining transfers to IDA, which links such transfers to IBRD's allocable income levels.

On October 13, 2017, IBRD's Board of Governors approved a transfer of \$123 million to IDA bringing the cumulative transfers to \$15,249 million. The transfer was received on October 24, 2017.

On June 22, 2018, IDA received a grant from IFC of \$80 million bringing the cumulative transfers to \$3.672 million.

#### **Net Non-Interest Expense**

As shown in **Table 9**, IDA's net non-interest expenses primarily comprise administrative expenses, net of revenue from externally funded activities. IBRD and IDA's administrative budget is a single resource envelope that funds the combined work programs of IBRD and IDA. The allocation of administrative expenses and revenue between IBRD and IDA is based on an agreed cost and revenue sharing methodology, approved by their Boards, which is primarily driven by the relative level of activities relating to lending, knowledge services and other services between these two institutions. The staff costs and consultant and contractual services shown in the table below include costs related to IDA-executed trust funds, which are recovered through revenue from externally funded activities.

IDA's net non-interest expenses were \$1,464 million for FY18 as compared to \$1,499 million in FY17.

The key drivers during the year were i) lower pension costs as a result of lower amortization of unrecognized actuarial losses during FY18 and, ii) the increase in revenue from externally funded activities, offset by

iii) the increase in costs allocated to IDA under the cost sharing methodology, due to the increase in client engagement activities associated with IDA18. See

Table 9 for a comparison of the main sources of Administrative expenses and revenue from externally funded activities between FY18 and FY17.

**Table 9: Net Non-Interest Expenses** 

In millions of U.S. dollars

					F	Y18 Vs	F	Y17 Vs
For the fiscal year ended June 30,		2018	2017	2016		FY17		FY16
Administrative expenses:								
Staff costs	\$	990	\$ 879	\$ 776	\$	111	\$	103
Travel		183	165	149		18		16
Consultant and contractual services		450	436	417		14		19
Pension and other post-retirement benefits		322	426	215		(104)		211
Communications and technology		62	56	52		6		4
Equipment and buildings		148	138	129		10		9
Other expenses		29	21_	27		88		(6)
Total administrative expenses	\$	2,184	\$ 2,121	\$ 1,765	\$	63	\$	356
Contributions to special programs		21	25	-		(4)		25
Revenue from externally funded activities:								
Reimbursable advisory services		(51)	(42)	(41)		(9)		(1)
Reimbursable revenue - IDA-executed trust funds	;	(460)	(400)	(340)		(60)		(60)
Revenue – trust funds administration		(48)	(42)	(42)		(6)		-
Restricted revenue		(21)	(22)	(17)		1		(5)
Other revenue		(161)	(141)	(129)		(20)		(12)
Total revenue from externally funded activities	\$	(741)	\$ (647)	\$ (569)	\$	(94)	\$	(78)
Total Net Non-Interest Expenses (Table 2)	\$	1,464	\$ 1,499	\$ 1,196	\$	(35)	\$	303

#### Table 10: Other expenses, net

In millions of U.S. dollars

				FY18 Vs	F	-Y17 Vs
For the fiscal year ended June 30,	2018	2017	2016	FY17		FY16
Other (primarily PPA grants)	\$ (41)	\$ (10)	\$ 14	\$ (31)	\$	(24)
Guarantee fees	10	7	5	3		2
Commitment charges	 8	 1	 -	 7		11
Other expenses, net (Table 2)	\$ (23)	\$ (2)	\$ 19	\$ (21)	\$	(21)

#### **Efficiency Measures**

IDA's goal is to have its net administrative expenses covered by its loan revenue (loan interest, service, commitment and guarantee fees). Thus, IDA monitors its net administrative expenses as a percentage of its loan revenue, using a measure referred to as the budget anchor. In FY18, IDA's budget anchor was 102%. See **Table 11**.

Table 11: Budget Anchor

In millions of U.S.dollars

For the fiscal year fiscal year ended June 30,	2018
Total net Non-interest Expenses (From Table 9)	\$ 1,464
Pension and Externally Financed Outputs (EFO) adjustments <sup>a</sup>	(64)
Net administrative expenses for Budget Anchor	\$ 1,400
Interest Revenue from Loans (From Table 2)	\$ 1,376
Commitment fee and Guarantee income (From Table 10)	18
Mark-to-market losses on revenue-related forward currency contracts	(28)
Total revenue for Budget Anchor	\$ 1,366
Budget Anchor	102%

a. These amounts are excluded from the definition of net Non-interest expenses to reflect the way in which IDA is managed.

#### Section V: Development Activities, Products and Programs

#### **Lending Framework**

IDA has a common framework which extends across all its development activities. The main elements of this framework are: financing principles, financing cycles and financing categories.

#### **Financing Principles**

IDA's operations are required to conform to the general principles derived from its Articles of Agreement. These principles are described in **Box 2**. Within the scope permitted by the Articles of Agreement, application of these financing principles must be developed and adjusted in light of experience and changing conditions.

#### **Financing Cycles**

The process of identifying and appraising a project and approving and disbursing the funds often extends over several years. However, in response to emergency situations, such as natural disasters and financial crises, IDA is able to accelerate the preparation and approval cycle. In most cases, IDA's Executive Directors approve each loan, grant and guarantee after appraisal of a project by staff. Under a new Multiphase Programmatic Approach approved by the Executive

Directors on July 21, 2017, Executive Directors may approve an overall program framework, its financing envelope and the first appraised phase, and then authorize Management to appraise and commit financing for later program phases. Disbursements are subject to the fulfillment of conditions set out in the loan or grant agreement.

During implementation of IDA-supported operations, staff review progress, monitor compliance with IDA's policies, and assist in resolving any problems that may arise. An independent unit, the Independent Evaluations Group, also assesses the extent to which operations have met their major objectives, and these evaluations are reported directly to the Executive Directors.

#### **Financing Categories**

Most of IDA's lending is of three types: investment project financing, development policy financing, and program-for-results. **Figure 4** shows the percentage of loans approved for investment lending, development policy operations and Program-for-Results over the past five years.

#### **Box 2: Financing Principles**

- (i) IDA may provide financing for its development operations in the form of loans, grants, and guarantees directly to its members, public or private entities and regional or public international organizations.
- (ii) IDA's financing of its development operations is designed to promote economic development, increase productivity and thus raise standards of living in its member countries. Investment projects financed by IDA are required to meet IDA's standards for technical, economic, financial, institutional and environmental soundness. Specific provisions apply to development policy financing, including the treatment of the macroeconomic framework, poverty and social impact, environment, forests and other natural resources.
- (iii) Decisions to approve financing are based upon, among other things, studies by IDA of a member country's economic structure, including assessments of its resources and ability to generate sufficient foreign exchange to meet debt-service obligations.
- (iv) IDA must be satisfied that in the prevailing market conditions (taking into account the member's overall external financing requirements); the recipient would be unable to obtain financing under conditions which, in the opinion of IDA, are reasonable for the recipient. This would include loans made by private sources or IBRD.
- (v) The use of funds by recipients is supervised. IDA makes arrangements intended to ensure that funds provided are used only for authorized purposes and, where relevant, with due attention to considerations of cost-effectiveness. This policy is enforced primarily by requiring recipients (a) to submit documentation establishing, to IDA's satisfaction, that the expenditures financed with the proceeds of loans or grants are made in conformity with the applicable financing agreements, and (b) to maximize competition in the procurement of goods and services by using, wherever possible, international competitive bidding procedures or, when it is not appropriate, other procedures that ensure maximum economy and efficiency. In addition, IDA considers the use of recipient country procurement, financial management and environmental and social safeguard systems in selected operations once these systems and capacity, have been assessed by IDA as acceptable.

Figure 4: Share of Financing Categories

Percentage	e Share <sup>a</sup>		□Investment	□Develo	pment Po	licy	■Progr	am-for-F	esults
FY18		62%			9%		29%		
FY17			78%				10%	12%	
FY16			76%				12%	12%	
FY15			79%				14%	7%	
FY14			83%				1	1% 6%	ó
0%	20		40%	60%		8	0%	1	00%

a. May differ from the sum of individual figures shown due to rounding

#### **Investment Project Financing (IPF)**

IPF is used in all sectors, it supports a wide range of activities including capital-intensive investments, agricultural development, service delivery, credit and grant delivery, community-based development, and institution building. IPF is usually disbursed over the long-term (5 to 10 year horizon).

FY18 commitments under IPF amounted to \$14.8 billion, compared with \$15.1 billion in FY17.

#### **Development Policy Financing (DPF)**

DPF provides rapidly-disbursing financing (1 to 3 years) to help a borrower address actual or anticipated development financing requirements. DPF aims to support the borrower in achieving sustainable development through a program of policy and institutional actions, for example, strengthening public financial management, improving the investment climate, addressing bottlenecks to improve service delivery, and diversifying the economy. DPF supports such reforms through non-earmarked general budget financing that is subject to the borrower's own implementation processes and systems. Commitments under DPF for FY18 were \$2.1 billion (FY17 - \$1.9 billion).

#### Program-for-Results (PforR)

PforR helps countries improve the design and implementation of their development programs and achieve specific results by strengthening institutions and building capacity. It helps strengthen partnerships

with government, development partners and other stakeholders by providing a platform to collaborate in larger country programs. PforR disburses when agreed results are achieved and verified. Results are identified and agreed upon during the preparation stage.

FY18 commitments under PforR totaled \$7 billion, compared with \$2.4 billion in FY17, reflecting an increase in commitments in countries in Africa and South Asia.

These three complementary categories support the policy and institutional changes needed to create an environment conducive to sustained and equitable growth.

#### **Financial Terms**

#### **Commitment Currency**

The currency of commitment for IDA grants and concessional loans is predominantly the SDR. However, in response to client needs to reduce currency exposure and simplify debt management, IDA offers a Single Currency Lending option that allows IDA recipients to denominate new IDA loans in USD, EUR, GBP and JPY. Further, nonconcessional loans provided under IDA18 from the Scale-up Facility and for transitional support, may only be denominated in either USD, EUR, GBP and JPY. As of June 30, 2018, \$8.3 billion of U.S. dollar denominated loans and U.S. dollar equivalent \$7.1 billion in EUR denominated loans had been approved under the Single Currency lending program, of which \$2.4 billion in U.S. dollar equivalent were outstanding.

- Under PBA or Undisbursed balances option - IDA concessional rates

- Under SUF option - non-concessional rates would apply.

Maturity/Grace Instrument type<sup>a</sup> Currencies **Current Charges** Interest rates Period Grant SDR Not applicable None Not applicable SDR, USD, EUR, 75bps SDR equivalent Regular-Term loan 38/6 years Not applicable service charge GBP, JPY Regular-Small Economy SDR, USD, EUR, 75bps SDR equivalent 40/10 years Not applicable GBP, JPY loan service charge SDR, USD, EUR, 75bps SDR equivalent Blend-Term loan 30/5 years 1 25% GBP, JPY service charge Non-concessional loans 20 years maximum Market-based floating 25 bps one-time front-USD, EUR, GBP, a) Transitional support loan weighted average reference rate (6-month) end fee b) Loans under Scale-up JPY maturity with 35 plus a spread (variable 25 bps commitment fee Facility spread or fixed spread)b years final maturity Before Drawdown: Front end fee and renewal fee are set at 0.5% and 0.25% respectively under SUF option, and at 0% under PBA or Catastrophe Deferred Undisbursed balances option. Draw Down Option (CAT SDR, USD, EUR,

Table 12: Summary of Financial Terms for IDA Lending Products, effective July 1, 2018

GBP, JPY

After Drawdown:

would apply

#### **Charges on Loans and Grants**

DDO)

(New in IDA18)

Service Charge. A service charge is levied on the principal amount disbursed and outstanding on all Regular, Small Economy, and Blend term loans, regardless of repayment terms, at 0.75% per annum.

Commitment Charge. A commitment charge, which is payable on any undisbursed loan or grant amount, is set by the Executive Directors at the beginning of each fiscal year. Commitment charges are set at a level to ensure that net loan revenue covers administrative expenses over the medium term. From FY09 to FY18, the commitment charge on undisbursed concessional loans had been set at nil, and for grants it had been set at nil from FY03 to FY18. For FY18, the commitment charge on transitional support loans and Scale-up Facility loans was set at 0.25%. For FY19, commitment charges have been set at the same levels as those set for FY18.

Interest. Interest is charged on all loans subject to blend terms approved under IDA16, IDA17 and IDA18, all hard-term loans, transitional support loans and loans provided under the Scale-up Facility. Further, new loans offered under transitional support and the Scale-up Facility are available at floating interest rates on IBRD terms. All other rates are fixed.

**Table 12** provides a summary of the financial terms of IDA's lending products based on eligibility, effective July 1, 2018.

#### **Repayment Terms**

Loans approved through June 30, 1987 have a final maturity of 50 years, including a grace period of 10 years. In recent replenishments, differentiation in IDA's lending terms has been introduced to recognize the variation in economic development of broad categories of IDA recipients.

Since 1987, IDA has included an accelerated repayment clause in the legal agreements of regular, blend and hard-term loans that allows IDA to double the principal repayments of the loan, if the borrower's GNI per capita exceeds a specific threshold and the borrower is eligible for IBRD financing. Implementation is subject to approval by IDA's Executive Directors after considering a borrower's economic development. The borrower would have a choice to either (a) shorten the loan's maturity (principal option), (b) pay interest at a rate that would result in the same net present value (interest option), or a combination of the two options.

As of June 30, 2018, the acceleration clause has been implemented for the qualifying IDA loans of 16 borrowers that have graduated from IDA since the introduction of the accelerated repayment clause. Of these 16 borrowers, 11 borrowers selected the principal option, 4 borrowers selected the interest option, and one borrower selected a combination of the two options. As part of IDA18, it was agreed that the implementation of the acceleration clause for new eligible borrowers would be temporarily suspended until the IDA18 mid-term review discussions.

a. Prior to July 1. 2017, IDA offered Hard-Term loans to Blend Countries (excluding Small Island Economies). They had a single currency option, and had terms equivalent to IBRD's fixed spread loans, less 200 bps, a variable option was also available. Hard-term loans are no longer offered.

# Loans, Grants and Guarantee Activity

#### **Commitments**

Commitments of loans in FY18 were \$18,544 million, an increase of \$2,301 million (14%) over FY17 (\$16,243 million). In terms of regional focus, Africa accounted for \$11,111 million of the increase. Africa and South Asia together accounted for 91% of the FY18 commitments.

Commitments of guarantees in FY18 were \$463 million, an increase of \$413 million over FY17 (\$50

million). In terms of regional focus, Africa accounted for all of the FY18 commitments. See Section VI: Other Development Activities and Programs. (see **Table 13**).

Commitments of grants in FY18 were \$5,003 million, an increase of \$1,833 million (58%) over FY17 (\$3,170 million). In terms of regional focus, Africa accounted for 85% of the total FY18 commitments (see **Table 14**).

Table 13: Commitments of Loans and Guarantees by Region In millions of U.S. dollars

For the fiscal year ended June 30,	2018	2017	Variance
Africa	\$ 11,574	\$ 9,144	\$ 2,430
East Asia and Pacific	530	2,617	(2,087)
Europe and Central Asia	861	643	218
Latin America and the Caribbean	273	317	(44)
Middle East and North Africa	30	228	(198)
South Asia	5,739	3,344	2,395
Total	\$ 19,007	\$ 16,293	\$ 2,714

**Table 14: Commitments of Grants by Region** *In millions of U.S. dollars* 

For the fiscal year ended June 30,	2018	2017 <sup>a</sup>	Variance
Africa	\$ 3,837	\$ 1,535	\$ 2,302
East Asia and Pacific	101	86	15
Europe and Central Asia	96	96	-
Latin America and the Caribbean	155	186	(31)
Middle East and North Africa	400	783	(383)
South Asia	414	484	(70)
Total	\$ 5,003	\$ 3,170	\$ 1,833

a. Excludes \$50 million grant for the Pandemic Emergency Financing Facility

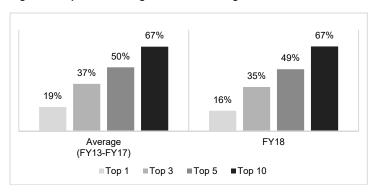
**Table 15** provides details of the top five borrowers with the largest loan outstanding balances as of June 30, 2018. These borrowers represented 49% of total loans outstanding as of that date.

Table 15: Top Five Borrowers with the Largest Loan Outstanding Balance as of June 30, 2018 In millions of U.S. dollars, or as otherwise indicated

Country	Total	India	Bangladesh	Pakistan	Vietnam	Nigeria	Others
Eligibility		IBRD	IDA only	Blend	IBRD	Blend	
Loans Outstanding	\$ 150,028	\$ 23,963	\$ 14,219	\$ 14,033	\$ 12,838	\$ 8,217	\$ 76,758
% of Total Loans							
Outstanding	100%	16%	10%	9%	9%	5%	51%
Weighted Average							
Maturity (Years)	12.3	5.9	14.0	12.0	13.4	14.8	13.6
Loans outstanding							
by terms							
Concessional							
Regular	93,179	4,818	14,216	914	7,728	5,237	60,266
Blend	54,546	18,208	-	12,467	4,858	2,980	16,033
Hard	1,313	469	-	465	252	-	127
Non-concessional							
Scale Up Facility	522	-	3	187	-	-	332
Transitional							
support	468	468	-	-	-	-	-
Undisbursed balance	\$ 61,243	\$ 4,680	\$ 6,955	\$ 3,671	\$ 4,831	\$ 6,700	\$ 34,406

Figure 5 shows the concentration of IDA's outstanding loan portfolio amongst its largest borrowers for the average of FY13 through FY17 and for FY18.

Figure 5: Exposure of Largest IDA Borrowing Countries



#### **Section VI: Other Development Activities and Programs**

IDA has products, services and programs, other than lending, that it offers to its borrowing member countries to help them meet their development goals. These include guarantees, debt relief, trust fund administration, and externally funded reimbursable advisory services.

#### Guarantees

IDA offers both Project-based and Policy-based Guarantees. These guarantees are available for projects and programs in member countries to help mobilize private financing for development purposes. IDA's guarantees are partial in nature as they cover risks only to the extent necessary to obtain the required private financing, taking into account country, market and, if appropriate, project circumstances. IDA's guarantees require a sovereign counter-guarantee and indemnity, comparable to the requirement of a sovereign guarantee for IDA lending to sub-sovereign and non-sovereign borrowers. These guarantees are separate and distinct from those offered under the Private Sector Window, see Section III: IDA's Financial Resources. See **Table** 16 for the types of guarantees that IDA provides.

**Table 16: Types of Guarantees** 

### Project-based guarantees

Project-based guarantees are provided to mobilize private financing for a project and/or mitigate payment and/or performance related risks of a project. There are two types:

- Loan guarantees: these cover loan-related debt service defaults caused by the government's failure to
  meet specific payment and/or performance obligations arising from contract, law or regulation. Loan
  guarantees include coverage for debt service defaults on: (i) commercial debt, normally for a private
  sector project; and, (ii) a specific portion of commercial debt irrespective of the cause of such default,
  normally for a public-sector project.
- Payment guarantees: These cover payment default on non-loan related government payment obligations to private entities and foreign public entities arising from contract, law or regulation.

## Policy-based guarantees

Policy-based guarantees are provided to mobilize private financing for sovereign or sub-sovereign projects. They cover debt service default, irrespective of the cause of such default, on a specific portion of commercial debt owed by government and associated with the supported government's program of policy and institutional actions.

Table 17: Pricing for IDA's Project-Based and Policy-Based Guarantees, effective July 1, 2018

Charges	Guarantees on Co	ncessional Lerms	Guarantees on Non-Concessional Terms					
Charges	Private Projects	Public Projects	Private Projects	Public Projects				
Front-end fee	N.A.	N.A.	25 bps	25 bps				
Initiation fee <sup>a</sup>	15 bps	N.A.	15 bps	N.A.				
Processing fee <sup>b</sup>	50 bps	N.A.	50 bps	N.A.				
Standby fee	0 bps	0 bps	25 bps	25 bps				
Guarantee fee	75 bps	75 bps	50-165 bps $^{\rm c}$	50-165 bps <sup>c</sup>				

a. The Initiation fee is 15 basis points of the guaranteed amount or \$100,000, whichever is greater.

#### **Guarantee Exposure**

IDA's exposure on its project and policy based guarantees (measured by discounting each guaranteed amount from its next call date), was \$1,741 million as of June 30, 2018 (\$1,152 million—June 30, 2017). The \$589 million increase in guarantee exposure is primarily due to a \$613 million guarantee that became effective in June 2018. The maximum potential undiscounted future payments that IDA could be required to make under these guarantees is \$1,808 million as of June 30, 2018 (\$1,177 million—June 30, 2017). In addition, IDA had \$36 million of exposure under PSW guarantees as of June 30, 2018. See

Section III: IDA's Financial Resources. For additional information, see the Notes F and G to IDA's Financial Statements.

#### Assisting Borrowing Members Manage Risk

IDA facilitates access to risk management solutions to mitigate the financial effects of natural disasters for borrowing members. Financial solutions can include disaster risk financing through catastrophe swaps, insurance and reinsurance contracts, and regional pooling facilities.

b. The processing fee is determined on a case-by-case basis.

c. Based on the weighted average maturity of the guarantee.

In order to promote countries' resilience to disasters and expand the range of IDA's crisis instruments, members endorsed the introduction of the Catastrophe Deferred Draw-Down Option (CAT-DDO) for IDA18. The CAT-DDO is a contingent credit line that provides immediate liquidity to countries in the aftermath of a catastrophe and serves as early financing while funds from other sources such as bilateral aid or reconstruction loans are being mobilized. CAT-DDOs are intended to enhance IDA countries' capacity to plan for and manage crises. In June 2018, IDA's Board approved the first CAT-DDO of a \$200 million.

#### **Crisis Response Window**

The primary objective of the CRW is to provide IDA countries with additional resources that will help them to respond to severe economic crises, major natural disasters, or health emergencies and pandemics, and return to their long-term development paths. An allocation is made to the CRW under each replenishment. The CRW was allocated \$3 billion under IDA18, with \$340 million utilized in FY18.

#### Debt Relief

The Heavily Indebted Poor Countries Debt Initiative (HIPC Initiative) and the Multilateral Debt Relief Initiative (MDRI) were implemented in 1996 and 2006 respectively as a part of a global effort focused on heavily indebted poor countries with strong policy performance. The initiatives aim to reduce the external debt of eligible countries as part of a broader poverty reduction strategy, whilst safeguarding the long-term financial capacity of IDA and other participating multilateral institutions; and encouraging the best use of additional member resources for development, by allocating these resources to low-income countries on the basis of policy performance.

In order to receive irrevocable debt relief, eligible countries are required to maintain macroeconomic stability, carry out key structural and social reforms, and implement a Poverty Reduction Strategy, in addition to being in good standing with respect to all eligible debt repayments. To ensure IDA's financial capacity was not eroded, members agreed to compensate IDA with additional contributions to offset the impact of the forgone reflows, resulting from the provision of debt relief.

During FY18, HIPC debt relief was provided on \$10 million of loans (\$9 million in FY17). There was no HIPC debt relief on service charges for FY18 (\$1 million in FY17). On a cumulative basis, debt relief has been given on \$2.1 billion of loans and \$335 million of service charges as of June 30, 2018. The accumulated provision for debt relief was recorded at the inception of the initiative and is adjusted to reflect the impact of any changes in the decision and completion point dates of the related countries.

During FY18, there was no cancellation of eligible loans under the MDRI (Nil - FY17). On a cumulative basis, debt relief has been provided on \$40.2 billion of loans under the MDRI as of June 30, 2018. The provision for the debt relief was recorded at the beginning of the MDRI Initiative.

#### Trust Funds Administration

Trust Funds are an integral part of the WBG's development activities, providing resources and added flexibility in providing development solutions that serve member recipients and donors alike. The partnerships funded by trust funds often serve as a platform from which IDA and its members can draw on the WBG's diverse technical and financial resources to achieve development goals that cannot be addressed effectively by any single member, given their complexity, scale, and scope. IDA's roles and responsibilities in managing trust funds depend on the type of fund, outlined as follows:

#### **IDA's Trust Funds:**

IDA-Executed Trust Funds (BETFs): IDA, alone or jointly with one or more of its affiliated organizations, implements or supervises the activities financed by trust funds. These trust funds support IDA's work program.

Recipient-Executed Trust Funds (RETFs) are provided to a third party, normally in the form of project financing, and are supervised by IDA.

Financial Intermediary Funds (FIFs): IDA, as a trustee, provides financial management services such as receiving, holding and transferring funds to multiple implementing entities.

**Table 18** shows IDA's Trust Fund Activity during FY18 and FY17. For additional information, see Notes to Financial Statements-Note H-Trust Funds Administration.

**Table 18: Trust Fund Activity** 

In millions of U.S. dollars

For the fiscal year ended June 30,	2018	 2017
Revenue Fees from Trust Fund Administration Trust Fund	\$ 48	\$ 42
Disbursements (as an executing agency)	460	400

The cash and investment assets held in trust by IDA as administrator and trustee as of June 30, 2018 and June 30, 2017 are summarized in **Table 19.** IDA's contribution to these trust funds for the year ended June 30, 2018 was nil (\$50 million in June 30, 2017).

Table 19: Cash and Investment Assets Held in Trust by IDA

In millions of U.S. dollars

	Total fiduciary assets						
As of June 30,		2018		2017			
IDA-executed Jointly administered with	\$	44	\$	40			
affiliated organization		810		817			
Recipient-executed		2,040		1,949			
Financial intermediary funds		220		270			
Execution not yet assigned <sup>a</sup>		2,664		3,086			
Total	\$	5,778	\$	6,162			

a.These represent assets held in trust for which the determination as to the type of execution is yet to be finalized

# **Externally funded Reimbursable Advisory Services (RAS)**

IDA provides technical assistance to its member countries, both in connection with, and independent

of, lending operations. There is a growing demand from borrowers for strategic advice, knowledge transfer, and capacity building. Such assistance includes assigning qualified professionals to survey developmental opportunities in member countries, analyzing their fiscal, economic and developmental environment, assisting member countries in devising coordinated development programs, appraising projects suitable for investment, and assisting member countries in improving their asset and liability management techniques. While most of IDA's advisory services and analytical work is financed by its own budget or donor contributions (Trust Funds), clients may also pay for such services. RAS allow IDA to provide advisory services that clients demand, but that IDA cannot fund in full within the existing budget envelope. In FY18, income relating to reimbursable advisory services was \$51 million (FY17 - \$42

# Buy-down of Loans – Partnership for Polio

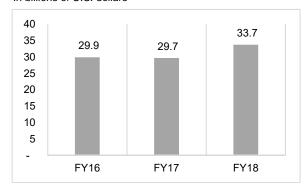
The Partnership for Polio program to fund the immunization of children in high-risk polio countries has a funding mechanism that allows the purchase of oral vaccines from the proceeds of loans.

Under this program, IDA enters into an arrangement with third party donors who make payments on the borrower's service and commitment charges through a trust fund until the borrower reaches agreed performance goals. The trust fund then buys down the related loans for an amount equivalent to the present value of the remaining cash flows of the related loans, ensuring IDA incurs no economic loss. The trust fund subsequently cancels the purchased loans, converting them to grant terms. During FY18 and FY17, there were no loans purchased under the buy-down mechanism.

#### **Section VII: Investment Activities**

As of June 30, 2018, IDA's net investment portfolio totaled \$33.7 billion (Figure 6), of which \$32.9 billion represents the liquid asset portfolio, and \$0.8 billion represents the non-trading portfolio.

Figure 6: Net Investment Portfolio In billions of U.S. dollars



#### **Liquid Asset Portfolio**

IDA's liquid asset portfolio will undergo a realignment during the three years of IDA18, as market debt will be introduced gradually when needed. The majority of IDA's liquid assets will continue to be funded by equity over this period. In addition, IDA's liquid asset portfolio has transitioned from a tranche structure to a sub-portfolio structure as follows:

Tranche 3 (Short-term Investment Tranche) has become the Operational Sub-Portfolio and holds liquidity to meet daily cash requirements.

Tranche 2 (Medium Term Investment Tranche) has become the Stable Sub-Portfolio and is sized initially to hold the prudential minimum level of liquid assets less the eligible amount of Tranche 1 assets which covers net liabilities maturing over the next 24 months.

Tranche 1 remains as a separate "Tranche 1" Sub-Portfolio and is managed as an asset-liability management (ALM) Sub-Portfolio, as defined in the IDA17 Investment Strategy, until the associated liabilities expire.

A Discretionary Sub-Portfolio has been created to invest additional liquidity beyond what is required for the Operational and Stable sub-portfolios.

The primary objective of IDA's liquid asset portfolio strategy continues to be preservation of capital within institutional constraints. Consistent with this primary objective, IDA restricts its investments to high quality instruments. IDA aims to earn reasonable investment returns, while ensuring timely availability of funds for future flow requirements, including disbursements for loans, grants, debt service, and administrative expenses.

Table 20: Liquid Asset Portfolio Composition

In millions of U.S. dollars

As of	June 30, 2018				
Liquid Asset Portfolio					
Tranche 1	\$	15,998			
Stable		5,958			
Operational		9,461			
Discretionary		1,506			
Total	\$	32,923			

Table 21: Liquid Asset Portfolio by Tranche

In millions of U.S. dollars

Total	\$	28,717
Tranche 3		7,574
Tranche 2		3,910
Tranche 1	\$	17,233
Investments by Tranche		
As of	June 30, 2017	

During FY18 and FY17, the liquid asset portfolio had a relatively long duration, as a result of IDA's interest immunization strategy, implemented through Tranche 1. Under this strategy, the duration of IDA's investments is aligned with that of its liabilities. The longer duration of the portfolio leads to higher sensitivity to market rates, and relatively large unrealized mark-to market gains/losses depending on the magnitude of the changes in interest rates. IDA's return for FY18 was 0.65% primarily due to unrealized mark-to-market losses reflecting the increase in yield curves across major currencies. Table 22 and Table 23 provide a breakdown of the average balances and returns of IDA's liquid asset portfolio. For details on returns of the total portfolio, refer to Section IV: Financial Results.

Table 22: Average Balances and Returns by Sub Portfolio

In millions of U.S. dollars, except rates in percentages

	FY18		
Sub Portfolios	Averag	ge Balance	Return
Tranche 1	\$	16,915	0.70%
Stable		5,022	0.65%
Operational		8,155	0.74%
Discretionary		1,503	0.40%
Total	\$	30,468	0.65%

a. Since its creation in April 2018.

Table 23: Average Balances and Returns by Tranche

In millions of U.S. dollars, except rates in percentages

		FY17		
Tranches	Ave	rage Balance	Return	
1	\$	17,057	(0.66%)	
2		3,680	0.10%	
3		8,472	0.42%	
Total	\$	29,209	(0.30%)	

IDA's liquid assets are held mainly in highly rated, fixed-income instruments. See **Box 3** for types of fixed-income instruments, and **Table 28** for eligibility criteria for IDA's investments.

#### Box 3: Fixed-Income instruments

- Government and Agency Obligations.
- Time deposits, and other unconditional obligations of banks and financial institutions.
- Asset-backed securities (including mortgagebacked securities).
- Currency and interest rate derivatives (including currency forward contracts).
- Exchange-traded options and futures.

IDA's prudential minimum liquidity policy, ensures that it holds sufficient liquidity. The prudential minimum liquidity level is set at 80% of 24 months of projected net outflows. For FY18, the prudential minimum was \$10.7 billion. The prudential minimum for FY19 has been set at \$15.9 billion. See Section IX – Risk Management for details on how IDA manages liquidity risk.

#### **Non-Trading Portfolio**

During FY15, with the proceeds of a concessional loan from a member, IDA purchased a debt security issued by the IFC. IDA elected to measure the security at fair value, so that the measurement method (fair value) could be consistently applied to all its investments. The changes in fair value for this security are reflected in the Statement of Income. As of June 30, 2018, the non-trading portfolio had a fair value of \$812 million (FY17-\$960 million). See Notes to Financial Statements—Note C—Investments.

#### Section VIII: Borrowing Activities

#### **Concessional Loans from Members**

Introduced in IDA17, Concessional Partner Loans (CPLs) will continue as a source of funding in IDA18. The terms in IDA18 are similar to IDA17, where the borrowing terms of the concessional loans from members aim to follow the concessional features of IDA's loans.

The maturities of the loans are either 25 or 40 years to match the terms of IDA's loans, with a grace period of 5 years for a 25-year loan and 10 years for a 40-year loan. The loans have an all-in SDR equivalent coupon of up to one percent.

Voting rights are allocated to members who provide concessional loans following the drawdowns by IDA, and are based on the cash paid, computed as the derived grant element of the loan. The grant element, which is paid in and recorded as equity, is a function of the terms of the loan and the discount rate agreed upon during the replenishment discussions - 2.35% SDR equivalent for 25-year maturity and 2.70% for 40-year maturity in IDA18. In IDA17 the discount rate was a single rate of 2.65% SDR equivalent.

As of June 30, 2018, the borrowings outstanding balance relating to concessional loans from members was \$5,811 million, an increase of \$2,151 million as compared to June 30, 2017 (\$3,660 million). The increase is primarily due to additional loan proceeds received during the current fiscal year. Interest expense associated with these loans was \$103 million in FY18 (FY17 - \$83 million).

#### **Market Debt**

On April 17, 2018, for the first time, IDA issued \$1.5 billion of debt in the international capital markets. This debt was denominated in USD and has a maturity of five years. As part of IDA's asset-liability management strategy, IDA also entered into derivative transactions to convert the fixed-rate bond into a floating-rate instrument.

#### **Short Term Borrowings**

Under its Investment Guidelines, IDA is allowed to enter into transactions involving securities sold under repurchase agreements and securities lent under securities lending agreements. These transactions are accounted for as short-term borrowings. The agreements are secured predominantly by high quality collateral, including government issued debt, and are used both to enhance returns and for liquidity management purposes.

As of June 30, 2018, securities lent or sold under repurchase agreements totaled \$2,541 million, a decrease of \$19 million over June 30, 2017. Table 24 provides details on short-term borrowing activities.

**Table 24: Short-Term Borrowings** 

In millions of U.S.dollars, except rates in percentages

As of June 30,	2018	 2017	2016
Securities sold under repurchase agreements and securities lent under securities lending agreements,			
Balance at year-end	\$ 2,541	\$ 2,560	\$ 1,968
Average monthly balance during the year	\$ 2,767	\$ 2,576	\$ 3,636
Maximum month-end balance	\$ 4,090	\$ 3,261	\$ 4,985
Weighted-average rate at end of fiscal year	1.84%	0.74%	0.51%
Weighted-average rate during the fiscal year	0.98%	0.58%	0.26%

#### **Section IX: Risk Management**

#### **Risk Governance**

IDA's risk management processes and practices continually evolve to reflect changes in activities in response to market, credit, product, operational, and other developments. The Board, particularly Audit Committee members, periodically review trends in IDA's risk profiles and performance, and any major developments in risk management policies and controls.

Management believes that effective risk management is critical for its overall operations. Accordingly, the risk management governance structure is designed to manage the principal risks IDA assumes in its activities, and supports Management in its oversight function, particularly in coordinating different aspects of risk management and in connection with risks that are common across functional areas.

IDA's financial and operational risk governance structure is built on the "three lines of defense" principle where:

- Business units are responsible for directly managing risks in their respective functional areas,
- The Vice President and WBG Chief Risk Officer (CRO) provides direction, challenge, and oversight over financial and operational risk activities, and
- Internal Audit provides independent oversight.

IDA's risk management process comprises: risk identification, assessment, response and risk monitoring and reporting. IDA has policies and procedures under which risk owners and corporate functions are responsible for identifying, assessing, responding to, monitoring and reporting risks.



Figure 7: Financial and Operational Risk Management Structure

#### **Risk Oversight and Coverage**

#### Financial and Operational Risk Management

The CRO has an overview of both financial and operational risks. These risks include (i) country credit risks in the core sovereign lending business, (ii) market and counterparty risks including liquidity risk, and (iii) operational risks relating to people, processes and systems. In addition, the CRO works closely with IBRD, IFC, and MIGA's Management to review, measure, aggregate, and report on risks and share best

practices across the WBG. The CRO also helps enhance cooperation between the entities and facilitates knowledge sharing in the risk management function.

The risk in Operations in IDA's lending activities is monitored at the corporate level by Operations Policy and Country Services (OPCS). Where fraud and corruption risks may impact IDA-financed projects, OPCS and the Integrity Vice Presidency jointly address such issues.

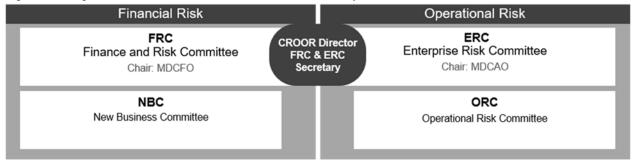
The following three departments report directly to the CRO:

The Credit Risk Department	<ul> <li>Identifies, measures, monitors, and manages country credit risk faced by IDA.</li> <li>Assesses loan portfolio risk and capital requirements, determines the adequacy of provisions for losses on loans and other exposures, and monitors borrowers that are vulnerable to crises in the near term. The Department assesses the consistency of country lending programs as determined in IDA's PBA allocation framework with overall capital adequacy.</li> <li>Whenever a new financial product is being considered for introduction, this department reviews any implications for country credit risk.</li> </ul>
The Market and Counterparty Risk Department	<ul> <li>Responsible for market, liquidity, and counterparty credit risk oversight, assessment, and reporting. It does these in coordination with IDA's financial managers who are responsible for the day-to-day execution of trades for the liquid asset and derivative portfolios within applicable policy and guideline limits.</li> <li>Responsible for ensuring effective oversight, which includes: i) maintaining sound credit assessments, ii) addressing transaction and product risk issues, iii) providing an independent review function, iv) monitoring market and counterparty risk in the investment, borrowing and client operation portfolios, and v) implementing the model risk governance framework. It also provides reports to the Audit Committee and the Board on the extent and nature of risks, risk management, and oversight.</li> </ul>
The Operational Risk Department (CROOR)	<ul> <li>Provides direction and oversight for operational risk activities by business function.</li> <li>Key operational risk management responsibilities include: (i) administering the Operational Risk Committee (ORC) for IDA, (ii) implementing the operational risk management framework which is aligned with Basel principles and providing direction to business unit partners to ensure consistent application, (iii) assisting and guiding business unit partners in identifying and prioritizing significant operational risks and enabling monitoring and reporting of risks through suitable metrics (or risk indicators), (iv) helping identify emerging risks and trends through monitoring of internal and external risk events, (v) supporting risk response and mitigating activities, and preparing a corporate Operational Risk Report for review and discussion by the ORC.</li> <li>The department is also responsible for business continuity management, and enterprise risk management functions.</li> </ul>

#### **Risk Committees**

Figure 8 depicts IDA's management risk committee structure for financial and operational risks:

Figure 8: Management Risk Committee Structure for Financial and Operational Risks



#### **Financial Risk Committees:**

The Finance and Risk Committee (FRC), a Vice President level committee, provides a high-level governance structure for decisions that may have financial risks. The FRC, was created under the authority of the Managing Director and WBG Chief Financial Officer (MDCFO) to approve, clear, or discuss: (a) risk policy and procedure documents related to financial integrity, income sustainability and balance sheet strength, and (b) issues and new business initiatives with policy implications related to IDA's financial risks in the areas of finance, which include country credit, market, counterparty, liquidity and model risks. The FRC helps to integrate individual components of finance and risk management activities by building on mechanisms and processes already in place, and provides a forum for discussing and communicating significant risk related issues. The FRC meets regularly to discuss the financial performance, new products and services, and risk management of IDA.

The New Business Committee (NBC) is a standing committee of the FRC under the authority of the MDCFO. The NBC provides advice, guidance and recommendations to the FRC, by performing due diligence over new financial products or services to ensure that Management has a full understanding of the rationale, costs, risks and rewards of the product or service being considered.

#### **Operational Risk Committees:**

The Enterprise Risk Committee (ERC) is a corporate committee that has oversight over operational and non-financial risks across IDA. Chaired by IDA's Managing Director and Chief Administrative Officer (MDCAO), it consists of a Vice President level committee to review and discuss enterprise risk matters. Specifically, the Committee has a governance role over risk matters relating to corporate security, business continuity and IT security. The ERC also sponsors the further development of the enterprise risk management framework including an annual high-level survey of emerging top risks for IDA.

Operational Risk Committee (ORC) is the main governance committee for operational risk and provides a mechanism for an integrated review and response across IDA units on operational risks associated with people, processes, and systems including business continuity, and recognizing that business units remain responsible for managing risks. The Committee's operational responsibilities include monitoring significant operational risk matters and events on a quarterly basis to ensure that appropriate risk-response measures are taken, and reviewing and concluding on IDA's overall operational risk profile. The ORC is chaired by the CRO and escalates significant risks/decisions to the FRC and ERC.

#### Summary and Management of IDA's Specific Risks

IDA assumes financial risks in order to achieve its development and strategic objectives. IDA's financial risk management framework is designed to enable and support the institution in achieving its goals in a financially sustainable manner. IDA manages credit, market and operational risks for its financial activities which include lending, borrowing and investing (Table 25). The primary financial risk to IDA is the country credit risk inherent in its loan and guarantee portfolio. IDA is also exposed to risks in its liquid asset and derivative portfolios, where the major risks are interest rate, exchange rate, commercial counterparty, and liquidity risks. IDA's operational risk management framework is based upon a structured and uniform approach to identify, assess and monitor key operational risks across business units. The Board, particularly the Audit Committee, periodically reviews trends in IDA's risk profiles and performance, as well as any major developments in risk management policies and controls.

Table 25: Summary of IDA's Specific Risk Categories

Types of Financial How the risk is managed

Risk	
Credit Risk Country Credit Risk	IDA's credit-risk-bearing capacity and individual country exposure limits.
Counterparty Credit Risk	Counterparty credit limits and collateral.
Market Risk Interest Rate Risk	Interest rate derivatives to match the sensitivity of assets and liabilities.
Exchange Rate Risk	Currency derivatives to match the currency composition of assets and liabilities.
Liquidity Risk	Minimum liquidity target levels.
Operational Risk	Risk assessment and monitoring of key risk indicators and events including the risk of loss from inadequate internal processes, people and systems, or from external events.

#### **Capital Adequacy**

In support of its new financing model, IDA developed a new capital adequacy framework. On July 1, 2017, IDA began using a solvency-based capital adequacy model, which mandates that IDA holds capital for credit risk, market risk and operational risk covering all activities and assets on its books. The main measure of capital adequacy is Deployable Strategic Capital (DSC), which is the capital available to support future commitments, over and above the current portfolio. IDA is required, by the Board, to keep the DSC at levels greater than or equal to zero percent. The DSC is calculated as the amount by which Total Resources

Available (TRA) exceed Total Resources Required (TRR), plus a Conservation Buffer (CB). The TRA consists of IDA's existing equity plus its outstanding loan loss reserve. The TRR is the minimum capital required to cover expected and unexpected losses in connection with all of IDA's currently existing operations and assets. It also includes a capital allowance to reflect losses that result from valuing IDA's concessional loan portfolio in present value terms using market interest rates. The CB is an extra buffer in the amount of 10 percent of TRA. As of June 30, 2018, the DSC was 37.4%, marginally higher compared with June 30, 2017 (37.2%). See **Table 26** below.

Table 26: Deployable Strategic Capital Ratio

In billions of U.S.dollars except ratios in percentages

As of June 30,	2018	 2017
Total Resources Available (TRA)	\$ 168.3	\$ 162.3
Total Resources Required (TRR) <sup>a</sup>	88.5	85.7
Conservation Buffer (CB)	16.8	16.2
Deployable Strategic Capital (DSC = TRA - TRR - CB)	\$ 63.0	\$ 60.4
Deployable Strategic Capital as a percentage of Total Resources Available	37.4%	 37.2%

a. TRR will be increased for the \$2.5 billion allocated to the Private Sector Window as it is utilized. As of June 30,2018, \$45 million had been utilized.

#### **Asset Coverage Principles**

In addition to the DSC framework, IDA has policies in place to ensure alignment of its lending and borrowing activities. Specifically, the Board approved the following asset coverage principles:

- Management will monitor the level of assets available to satisfy all of IDA's borrowings and shall adjust future lending and grant commitments should the level of asset coverage fall below the level expected for a triple-A entity.
- Management will monitor IDA's liquidity to ensure its ability to satisfy its borrowing and commitment obligations even under stressed conditions taking into account the level expected for a triple-A entity without callable capital.
- If IDA's access to the capital markets or alternative sources of cash funding is impaired, then no additional loan, credit or grant commitments will be approved until access to cash funding, has resumed or all market debt is repaid.

#### **Credit Risk**

IDA faces two types of credit risk: country credit risk and counterparty credit risk. Country credit risk is the risk of loss due to a country not meeting its contractual obligations, and counterparty credit risk is the risk of

loss attributable to a counterparty not honoring its contractual obligations. IDA is exposed to commercial as well as noncommercial counterparty credit risk.

#### **Country Credit Risk**

IDA's lending management framework encompasses the long-standing PBA mechanism and allocation framework agreed at each replenishment, complemented by additional considerations required when accessing debt markets to ensure adherence to risk management (capital adequacy) requirements.

While the PBA framework was not originally intended as a credit quality metric, it incorporates factors related to country credit risk. The PBA determines the volume of concessional IDA resources allocated to each country, based on performance in implementing policies that promote economic growth and poverty reduction, as assessed under the Country Policy and Institutional Assessment (CPIA). The CPIA includes economic management criteria, such as fiscal policy and debt policy and management.

In addition to these considerations in the PBA, IDA assesses the country credit risk of all its borrowers. Based on these risk ratings, to manage overall portfolio risk, the allocation outcomes of the PBA and other mechanisms are reviewed to ensure that they are compatible with the Deployable Strategic Capital Framework and Single Borrower Limit.

#### **Single Borrower Limit**

Portfolio concentration risk, which arises when a small group of borrowing countries account for a large share of loans outstanding, is a key consideration for IDA. Concentration risk is managed through the SBL, which caps exposure to any single borrowing country at 25 percent of equity, in line with the Basel-based maximum exposure limit.

For FY19 the SBL has been set at \$41 billion (25 percent of \$164 billion of equity as of June 30, 2018), compared with \$40 billion for FY18. Currently, the maximum country exposure levels compatible with IDA's overall capital adequacy target are lower than the SBL for all IDA-borrowing countries. As a consequence, the SBL is not currently a constraining factor.

As of June 30, 2018, the ten countries with the highest exposures accounted for 67% of IDA's total exposure (**Figure 5**). IDA's largest exposure to a single borrowing country, India, was \$24 billion as of June 30, 2018 (**Table 15**). Monitoring these exposures relative to the SBL, however, requires consideration of the repayment profiles of existing loans, as well as disbursement profiles and projected new loans and guarantees.

#### **Table 27: Treatment of Overdue Payments**

#### **Debt Relief**

IDA has participated in two comprehensive debt relief initiatives, HIPC and MDRI, adopted by the global development community to reduce the debt burdens of developing countries. In each case, IDA agreed to provide debt relief in return for future compensation from members for forgone reflows, ensuring that IDA's financial capacity would not be reduced. For a borrower to be eligible for debt relief on its loans with IDA, they are required to maintain macroeconomic stability, carry out key structural and social reforms, and maintain all loans in accrual status.

# **Probable Losses, Overdue Payments and Non-Performing Loans**

When a borrower fails to make payments on any principal, interest or other charges due to IDA, IDA may suspend disbursements immediately on all loans and grants to that borrower. IDA's current practice is to exercise this option using a graduated approach (**Table 27**). These practices also apply to member countries eligible to borrow from both IDA and IBRD, and whose payments on IBRD loans may become overdue. It is IDA's practice not to reschedule interest or principal payments on its loans, or participate in debt rescheduling agreements with respect to its loans. As of June 30, 2018, no IDA borrowing countries in the accrual portfolio had overdue payments beyond 45 days.

Overdue by 30 days	Where the borrower is the member country, no new loans or grants to the member country, or to any other borrower in the country, will be presented to the Board for approval nor will any previously approved loans or grants be signed, until payments for all amounts 30 days overdue or longer have been received. Where the borrower is not the member country, no new loans or grants to that borrower will be signed or approved.
Overdue by 45 days	In addition to the provisions cited above for payments overdue by 30 days, to avoid proceeding further on the notification process leading to suspension of disbursements, the country as borrower or guarantor and all borrowers in the country must pay not only all payments overdue by 30 days or more, but also all payments due regardless of the number of days since they have fallen due. Where the borrower is not the member country, no new loans or grants to, or guaranteed by, the member country, will be signed or approved.
Overdue by 60 days	In addition to the suspension of approval for new loans or grants and signing of previously approved loans or grants, disbursements on all grants or loans to or guaranteed by the member country are suspended until all overdue amounts are paid. This policy applies even when the borrower is not the member country. Under exceptional circumstances, disbursements can be made to a member country upon the Board's approval.
Overdue by more than six months	All loans made to or guaranteed by a member of IDA are placed in nonaccrual status, unless IDA determines that the overdue amount will be collected in the immediate future. Unpaid service charges and other charges not yet paid on loans outstanding are deducted from the income for the current period. To the extent that these payments are received, they are included in income. At the time of arrears clearance, a decision is made on the restoration of accrual status on a case-by-case basis; in certain cases, this decision may be deferred until after a suitable period of payment performance has passed.

The loan-loss provision is calculated using IDA's exposure, the expected default frequency (EDF), or probability of default, and the estimated loss in the event of default. Probable losses inherent in the loan portfolio attributable to country credit risk are covered by the accumulated provision for losses on loans and other exposures, including PSW exposures, while unexpected losses owing to country credit risk are covered by equity.

A key determinant in the provision for losses on loans and other exposures is IDA's borrowing country credit risk ratings. These ratings are IDA's own assessment of borrowers' ability and willingness to repay IDA on time and in full.

Countries are rated using IDA's internal comprehensive credit risk rating methodology. This rating methodology was reviewed and refined during the fiscal year. The net impact of this refinement on IDA's accumulated provision at June 30, 2018, was \$409 million, 0.28% of IDA net loans outstanding. For additional information see Notes to Financial Statements–Note F–Loans and Other Exposures.

In FY18, IDA had a \$548 million loan loss provisioning charge, compared with a \$56 million release of provision in FY17. The main driver of the increase in the provisioning requirement was the refinement in the rating methodology. As of June 30, 2018, IDA had \$150 billion of loans outstanding, of which loans in non-accrual status represent 1.7%. IDA's total provision for losses on loans was \$2.4 billion (excluding accumulated provision for losses on debt relief) which represents a provisioning rate of 1.6%. IDA's provisioning rate on loans for FY14 through FY18 has been between 1.0% to 1.6%. For a summary of countries with loans or guarantees in nonaccrual status at June 30, 2018, see Notes to Financial Statements-Note F-Loans and Other Exposures.

#### **Commercial Counterparty Credit Risk**

IDA is exposed to commercial counterparty credit risk. This is the normal risk that counterparties fail to meet their payment obligations under the terms of the contract or other financial instruments. Effective management of counterparty credit risk is vital to the success of IDA's funding, investment, and asset/liability management activities. The monitoring and management of these risks is continuous as the market environment evolves.

IDA mitigates the counterparty credit risk from its investment and derivative holdings through the credit approval process, the use of collateral agreements and risk limits, and other monitoring procedures. The credit approval process involves evaluating counterparty and product specific creditworthiness, assigning internal credit ratings and limits, and determining the risk profile of specific transactions. Credit limits are set and monitored throughout the year. Counterparty exposure is updated daily, taking into account; current market values of assets held, estimates of potential future movements-of exposure for derivative instruments, and related counterparty collateral agreements. Collateral posting requirements are based on thresholds driven by public credit ratings. Collateral held includes cash and highly rated liquid investment securities.

IDA's liquid asset portfolio consists mostly of sovereign government bonds, debt instruments issued by sovereign government agencies, and time deposits with banks. More than half of these investments are with issuers and counterparties rated triple-A or double-A. (**Table 29**)

#### **Derivative Instruments**

In the normal course of its business, IDA enters into various derivative instruments to manage foreign exchange and interest rate risks. These instruments are also used to help borrowers to manage their financial risks. Derivative transactions are conducted with other financial institutions and, by their nature, entail commercial counterparty credit risk.

While the volume of derivative activity can be measured by the contracted notional value of derivatives, notional value is not an accurate measure of credit or market risk. IDA uses the estimated replacement cost of the derivative instruments, or potential future exposure (PFE), to measure credit risk with counterparties.

Under IDA's mark-to-market collateral arrangements, IDA receives collateral when mark-to-market exposure is greater than the ratings-based collateral threshold. As of June 30, 2018, IDA had received \$2 million of cash collateral for its derivative transactions (June 30, 2017 – less than \$0.1 million).

Since becoming a rated entity, IDA has started to expand the number of derivative agreements that it has with commercial counterparties. In these agreements, IDA is not required to post collateral as long as it maintains a triple-A credit rating. See Notes to Financial Statements - Note E-Derivative Instruments for more details.

#### **Investment Securities**

IDA's Board-approved General Investment Authorization provides the basic authority for IDA to invest its liquid assets. Furthermore, all investment activities are conducted in accordance with a more detailed set of Investment Guidelines set by management. The Investment Guidelines are approved by the MDCFO and implemented by the Treasurer. The most recent update was in FY18, to incorporate the changes required under the IDA18 hybrid financing model. Issuer and product investment eligibility and risk parameters relative to benchmarks are core components of these Guidelines. The Guidelines also include a consultative loss limit to reflect a level of tolerance for the risk of underperforming the benchmark in any fiscal year and a duration deviation metric. Clear lines of responsibility for risk monitoring and compliance are highlighted in the Guidelines. Credit risk appetite is conveyed through specific eligibility criteria (Table 28). IDA has procedures in place to monitor performance against this limit and potential risks, and it takes appropriate actions if the limit is reached. All investments are subject to additional conditions specified by the Chief Risk Officer department, as deemed necessary.

Table 28: Eligibility Criteria for IDA's Investments

Eligible Investments <sup>a</sup>	Description
Sovereigns	IDA may only invest in obligations issued or unconditionally guaranteed by governments of member countries with a minimum credit rating of AA However, no rating is required if government obligations are denominated in the national currency of the issuer.
Agencies	IDA may invest only in obligations issued by an agency or instrumentality of a government of a member country, a multilateral organization, or any other official entity other than the government of a member country, with a minimum credit rating of AA
Corporates and asset-backed securities	IDA may only invest in securities with a triple-A credit rating.
Time deposits <sup>b</sup>	IDA may only invest in time deposits issued or guaranteed by financial institutions, whose senior debt securities are rated at least A
Commercial Paper	IDA may only invest in short-term borrowings (less than 190 days) from commercial banks, corporates, and financial institutions with at least two Prime-1 ratings.
Securities lending, and borrowing, repurchases, resales, and reverse repurchases	IDA may engage in securities lending, against adequate collateral repurchases and reverse repurchases, against adequate margin protection, of the securities described under the sovereigns, agencies, and corporates and asset-backed security categories.
Collateral Assets	IDA may engage in collateralized forward transactions, such as swap, repurchase, resale, securities lending, or equivalent transactions that involve certain underlying assets not independently eligible for investment. In each case, adequate margin protection needs to be received.

a. All investments are subject to approval by the Chief Risk Officer department, and must appear on the "Approved List" created by the department.

#### **Commercial Counterparty Credit Risk Exposure**

As a result of IDA's use of mark-to-market collateral arrangements for swap transactions, its residual commercial counterparty credit risk exposure is concentrated in the investment portfolio, in instruments issued by sovereign governments and non-sovereign holdings (including Agencies, Asset backed securities, Corporates, and Time Deposits). (Table 29).

The credit quality of IDA's investment portfolio remains concentrated in the upper end of the credit spectrum with 59% of the portfolio rated AA or above as of June 30, 2018, reflecting IDA's continued preference for highly rated securities and counterparties across all categories of financial instruments. Total commercial counterparty credit exposure, net of collateral held, was \$35,677 million as of June 30, 2018.

Table 29: Commercial Credit Exposure, Net of Collateral Held, by Counterparty Rating In millions of U.S. dollars, except rates in percentages

As of				June 30, 2	018						June 30, 2	017				
Counterparty	00	Varaiana		Non-		Total	% of		vereiane		Non-		Total	% of		
Rating	50	vereigns	So	Sovereigns		Exposure	Total	50	Sovereigns		Sovereigns		vereigns	Е	Exposure	Total
AAA	\$	6,586	\$	5,003	\$	11,589	32	\$	8,065	\$	5,088	\$	13,153	42		
AA		2,659		6,861		9,520	27		3,919		5,194		9,113	29		
Α		9,752		4,783		14,535	41		6,860		2,017		8,877	29		
BBB or below		30		3		33	*		-		4		4	*		
Total	\$	19,027	\$	16,650	\$	35,677	100	\$	18,844	\$	12,303	\$	31,147	100		

<sup>\*</sup> denotes less than \$0.5 million

For the contractual value, notional amounts and related credit risk exposure amounts by instrument see Notes to Financial Statements - Note E- Derivative Instruments.

#### **Credit and Debit Valuation Adjustments**

Most outstanding derivative positions are transacted over-the-counter and therefore valued using internally developed valuation models. For commercial and noncommercial counterparties where IDA has a net exposure (net receivable position), IDA calculates a Credit Value Adjustment (CVA) to reflect credit risk. For net derivative positions with commercial and noncommercial counterparties where IDA is in a net payable position, IDA calculates a Debit Valuation Adjustment (DVA) to reflect its own credit risk.

b. Time deposits include certificates of deposit, bankers' acceptances and other obligations issued or unconditionally guaranteed by banks or other financial institutions.

The CVA is calculated using the fair value of the derivative contracts, net of collateral received under credit support agreements, and the probability of counterparty default based on the Credit Default Swaps (CDS) spread and, where applicable, proxy CDS spreads. IDA does not currently hedge this exposure. The DVA calculation is generally consistent with the CVA methodology and incorporates IDA's own credit spread as observed through the CDS market. As of June 30, 2018, IDA recorded a CVA adjustment on its balance sheet of \$0.3 million, and a DVA of \$2 million.

#### **Market Risk**

IDA is exposed to changes in interest and exchange rates. The introduction of market debt financing into IDA's business model from IDA18 presents additional exposures. Accordingly, IDA has updated its ALM Framework in order to minimize its exposure to market risk associated with this new debt issuance.

#### **Interest Rate Risk**

IDA is exposed to interest rate risk due to mismatches between its assets (loan and investment portfolios) and its liabilities (borrowing portfolio) both in terms of maturity and instrument type. Given IDA's lengthy disbursement profile, the duration of IDA's assets are relatively long. This long duration, combined with volatility in market interest rates, would result in significant year-on-year variability in the fair value of IDA's equity. However, since the loan portfolio is not reported at fair value under U.S. GAAP the impact of this variability on IDA's reported Balance Sheet is not fully evident. **Table 30** provides a fair value estimate of IDA's financial assets and liabilities.

As of June 30, 2018, IDA's investment-trading portfolio (liquid asset portfolio) had a duration of slightly below two years. During FY18, this portfolio experienced unrealized mark-to-market losses of \$128 million as compared to unrealized mark-to-market losses of \$367 million in FY17, as a result of the increase in the yield curves of major currencies in FY18.

Under IDA18, the investment-trading portfolio was adjusted to reflect the new financing model. The portfolio is transitioning from the previous tranche structure to a sub-portfolio structure which is comprised of a Stable portfolio, Discretionary portfolio and an Operational portfolio. See Section VII: Investment Activities.

Under the new integrated financing model, IDA employs the following strategies to continue to enhance its management of interest rate risk:

• The capital adequacy policies factor in the sensitivity to interest rates.

- Matching interest rates between assets and related funding to minimize open interest rate positions.
- The funding risk related to the mismatch between the maturity profile of the debt funding and the related assets is monitored through duration measurements and adjustments to capital requirements to cover this risk.

#### **Exchange Rate Risk**

IDA faces foreign exchange rate risk exposure as a result of the currency mismatch between its commitments for loans and grants, which are mainly denominated in SDRs; equity contributions from members, which are typically denominated in national currencies; and the portion of IDA's internal resources and expenditures that is denominated in U.S. dollars.

Changes in exchange rates affect the capital adequacy of IDA when the currency of the equity funding the loan portfolio is different from that of the loan exposure. Accordingly, the aim of IDA's exchange rate risk management is the protection of IDA's financial capacity, as measured by the capital adequacy framework.

The key components of IDA's foreign exchange risk mitigation framework include:

- Aligning the currency composition of the funding sources with the currency composition of IDA's assets.
- Non-SDR sources of funding will be hedged to SDRs, where required, to lock-in the SDR value. Adjusting the currency of funding sources when single currency credits are approved, in order to maintain the alignment of currency composition of loans to sources of funding.
- Aligning the currency composition of its equity to that of the currency composition of required capital ("Total Resources Required" measure in capital adequacy framework).

The reported levels of its assets, liabilities, income, and expenses in the financial statements are affected by exchange rate movements in all the currencies in which IDA transacts, relative to its reporting currency, the U.S. dollar. These movements are shown as translation adjustments. Translation adjustments relating to the revaluation of assets and liabilities denominated in SDR and SDR component currencies, (IDA's functional currencies), are reflected in Accumulated Other Comprehensive Income, in equity. Translation adjustments relating to nonfunctional currencies are reported in IDA's Statement of Income (see Note A: Summary of Significant Accounting and Related Policies in the Notes to the Financial Statements).

IDA uses currency forward contracts to convert members' encashments provided in national currencies into the five currencies of the SDR basket. As of June 30, 2018, IDA had entered into \$13.2 billion in notional foreign exchange forwards directly with market counterparts in order to manage exchange rate risk. IDA's economic hedges have been regularly rebalanced during FY18. For further details, see Notes to Financial Statements—Note E—Derivative Instruments.

The payable leg of the currency forward contracts economically hedging member equity contribution pledges is denominated in non-functional currencies. Accordingly, appreciation (depreciation) of these currencies against the U.S. dollar results in exchange rate losses (gains), which are reported in the Statement of Income. The translation adjustment on future inflows from members is the economic offset to the translation adjustment on non-functional currencies of currency forward contracts.

The translation adjustment gain on non-functional currencies of \$89 million in FY18 was due to the depreciation of majority of the non-functional currencies against the U.S. dollar. This was offset by the effect of foreign exchange on the future inflows from members, which was a loss of \$185 million in FY18. In contrast, the translation adjustment loss on non-functional currencies of \$49 million in FY17 was due to the appreciation of the non-functional currencies against the U.S. dollar. This was offset by the effect of foreign exchange movements on the future inflows from members, which was a gain of \$102 million in FY17.

The difference between the reported translation adjustments and the effect of foreign exchange movements on the economic offsets, primarily represent the effect of foreign exchange movements on the member equity contributions in non-functional currencies that are not economically hedged through forward contracts due to their relatively small contribution amount or the unpredictability of the expected payment date. These residual equity contributions are hedged using a currency correlation

methodology under the overall currency management framework.

#### **Liquidity Risk**

Liquidity risk arises in the general funding of IDA's activities and in managing its financial position. It includes the risk of IDA being unable to fund its portfolio of assets at appropriate maturities and rates, and the risk of being unable to liquidate a position in a timely manner at a reasonable price.

IDA's liquidity management guidelines were revised in FY18 to reflect the integrated financing model under IDA18. IDA's aggregate liquid asset holdings are now kept above a specified prudential minimum to safeguard against cash flow interruptions. The Prudential Minimum is equal to 80% of 24 months of projected net outflows. For FY18 the prudential minimum was \$10.7 billion . For FY19, the prudential minimum has been set at \$15.9 billion.

IDA will hold liquidity above the prudential minimum to ensure sufficient liquidity under a wide range of shock scenarios as well as to give it flexibility in timing its borrowing transactions and to meet working capital needs.

#### **Operational Risk**

Operational risk is defined as the risk of loss resulting from inadequate or failed internal processes, people and systems, or from external events.

IDA recognizes the importance of operational risk management activities, which are embedded in its financial operations. As part of its business activities, IDA is exposed to a range of operational risks including physical security and safety, business continuity, external vendor risks and cyber security. IDA's approach to managing operational risk includes assessing and prioritizing operational risks, monitoring and reporting relevant key risk indicators, aggregating and analyzing internal and external events, and identifying emerging risks that may affect business units and developing risk response and mitigating actions.

## **Section X: Fair Value Analysis**

Fair value reflects the most current and complete expectation and estimation of the value of assets and liabilities. It aids comparability, and can be useful in decision-making. On a reported basis, IDA's loans and borrowings, in the form of concessional loans from members, are carried at amortized cost, while all instruments in its investment portfolio (trading and non-trading) and existing market debt are carried at fair value. Whilst IDA intends to hold its loans and borrowings to maturity, a fair value estimate of IDA's financial assets and liabilities along with their respective carrying values is presented in Table 30. The fair value of these instruments is affected by changes in market variables such as interest rates, exchange rates, and credit risk. Management uses fair value to assess the performance of the investmenttrading portfolio, and to manage various market risks, including interest rate risk and commercial counterparty credit risk. Table 30 shows that IDA's equity on a fair value basis (\$136 billion) is less than on a carrying value basis (\$164 billion) primarily due to the \$27.1 billion negative fair value adjustment on IDA's net loans outstanding. This negative fair value adjustment arises due to the concessional nature of IDA's loans; IDA's interest rates are below market rates for the given maturity of its loans and risk profile of the borrowers (concessional).

The fair value of loans is calculated using market-based methodologies - see Notes to Financial Statements—Note F— Loans and Other Exposures. For details on valuation methods and assumptions relating to other fair value disclosures, see Notes to Financial Statements—Note L—Other Fair Value Disclosures. As non-financial assets and liabilities are not reflected at fair value, IDA's equity, as shown in **Table 30**, is not intended to reflect full fair value.

#### **Loan Portfolio**

As of June 30, 2018, there was a \$27.1 billion negative fair value adjustment on IDA's net loans outstanding bringing the fair value to \$118.5 billion. This compares with a \$26.8 billion adjustment as of June 30, 2017, bringing the fair value to \$111.5 billion. The \$0.3 billion variance in the adjustment is due to changes in the interest rate risk of the portfolio.

### **Borrowings from Members**

The fair value of borrowings from members increased from \$4.2 billion as of June 30, 2017 to \$6.7 billion as of June 30, 2018. The increase was primarily driven by the \$2.1 billion in new borrowings during the year.

Table 30: Fair Value Estimates and their Carrying Value

In millions of U.S.dollars								
As of June 30,		2018	3			2017	7	
	Carr	ying Value	F	air Value	Carr	ying Value	Fa	ir Value
Assets								
Due from Banks	\$	523	\$	523	\$	483	\$	483
Investments (including securities purchased under resale agreements)		36,075		36,075		32,033		32,033
Net Loans Outstanding		145,656		118,508		138,351		111,539
Derivative Assets								
Investments		6,198		6,198		4,318		4,318
Other Asset-Liability Management		15,715		15,715		19,525		19,525
Borrowings		1		1		-		-
Receivable from affiliated organization		816		816		798		798
Other assets		1,346		1,346		1,533		1,533
Total Assets	\$	206,330	\$	179,182	\$	197,041	\$	170,229
Liabilities								
Borrowings								
Concessional partner loans	\$	5,811	\$	6,660	\$	3,660	\$	4,175
Market Borrowings		1,494		1,494		-		-
Securities sold/lent under repurchase agreements/securities lending								
agreements, and payable for cash collateral received		2,543		2,543		2,560		2,560
Derivate Liabilities						-		-
Investments		6,198		6,198		4,523		4,523
Other Asset-Liability Management		15,745		15,745		19,550		19,550
Borrowings		15		15		-		-
Payable for grants		8,743		8,743		6,583		6,583
Payable to affiliated organization		479		479		471		471
Other liabilities		1,357		1,357		1,218		1,218
Total Liabilities	\$	42,385	\$	43,234	\$	38,565	\$	39,080
Equity	\$	163,945	\$	135,948	\$	158,476	\$	131,149
Total Liabilities and Equity	\$	206,330	\$	179,182	\$	197,041	\$	170,229

### Section XI: Critical Accounting Policies and the Use of Estimates

IDA's significant accounting policies, as well as estimates made by Management, are integral to its financial reporting. While all of these policies require a certain level of judgment and estimates, significant policies require Management to make highly difficult, complex, and subjective judgments as these relate to matters inherently uncertain and susceptible to change. Note A to the financial statements contains a summary of IDA's significant accounting policies including a discussion of recently issued accounting pronouncements.

#### **Fair Value of Financial Instruments**

All fair value adjustments are recognized through the income statement. Since IDA has elected the fair value option for existing market debt instruments in its borrowing portfolio, starting July 1, 2018, upon adoption of ASU 2016-01, IDA will reflect the portion of the change in fair value of these instruments that results from a change in IDA's own credit in Other Comprehensive Income.

The fair values of financial instruments are based on a three-level hierarchy.

For financial instruments classified as Level 1 or 2, less judgment is applied in arriving at fair value measures as the inputs are based on observable market data. For financial instruments classified as Level 3, unobservable inputs are used. These require Management to make important assumptions and judgments in determining fair value measures. Investments measured at net asset value per share (or its equivalent) are not classified in the fair value hierarchy.

Derivative contracts include currency forward contracts, swaptions, plain vanilla swaps, and structured swaps are valued using the standard discounted cash flow methods using market observable inputs such as yield curves, foreign exchange rates and basis spreads.

In instances where management relies on instrument valuations supplied by external pricing vendors, there are procedures in place to validate the appropriateness of the models used as well as the inputs applied in determining those values.

The majority of IDA's financial instruments which are recorded at fair value are classified as Level 1 and Level 2 as of June 30, 2018, as the inputs are based on observable market data and less judgment is applied in arriving at fair value measures.

On a quarterly basis, the methodology, inputs and assumptions are reviewed to assess the

appropriateness of the fair value hierarchy classification of each financial instrument. All the financial models used for input to IDA's financial statements are subject to both internal and periodic external verification and review by qualified personnel.

# Provision for Losses on Loans and Other Exposures

IDA's accumulated provision for losses on loans and other exposures reflects the probable losses inherent in its nonaccrual and accrual portfolios after taking into consideration the expected relief under the HIPC Debt Initiative and MDRI and any provision for losses on the buy-down of loans. The provision required is a function of the expected default frequency and the assumed severity of the loss given default for each of the borrowers.

The expected default frequency is based on the borrower's assigned risk rating. The determination of a borrower's risk rating is based on a quantitative framework which relies primarily on considerations of political risk, external debt and liquidity, fiscal policy and public debt burden, balance of payments risks, economic structure and growth prospects, monetary and exchange rate policy, financial sector risks and corporate sector debt and other vulnerabilities. IDA periodically reassesses the adequacy of the accumulated provision for losses on loans and other exposures.

Adjustments to the accumulated provision are recorded as a charge or a release of provision in the Statement of Income. Actual losses may differ from expected losses due to unforeseen changes in any of the factors that affect borrowers' creditworthiness.

The Credit Risk Committee monitors aspects of country credit risk, in particular, reviewing the provision for losses on loans and guarantees taking into account, among other factors, any changes in exposure, risk ratings of borrowing member countries, or movements between the accrual and non-accrual portfolios.

Additional information on IDA's provisioning policy and the status of nonaccrual loans can be found in the Notes to Financial Statements-Note A-Summary of Significant Accounting and Related Policies and Note F- Loans and Other Exposures.

### **Provision for HIPC Debt Initiative and MDRI**

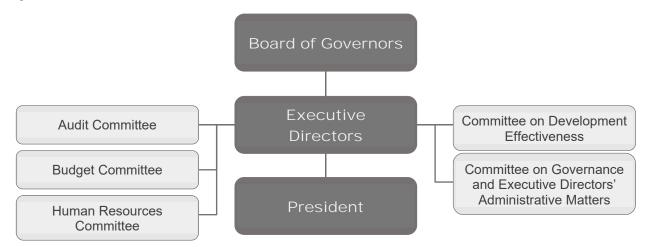
The adequacy of the accumulated provision for the HIPC Debt Initiative and MDRI is based on both quantitative and qualitative analyses of various factors, including estimates of Decision and Completion Point dates. IDA periodically reviews these factors and reassesses the adequacy of the accumulated provision for the HIPC Debt Initiative and MDRI. Adjustments to the accumulated provision are recorded as a charge against or addition to income.

### Provision for Losses on Buy-Down of Loans

IDA records a provision for losses on loans when all performance goals as well as conditions necessary to affect the buy-down under the Partnership for Polio program have been completed. The provision is equivalent to the difference between the carrying amount of the loans to be bought down and the estimated amount to be received. The estimated amount to be received is based on quantitative factors including the discount rate.

### **Section XII: Governance and Internal Controls**

Figure 9: Governance Structure



#### **General Governance**

IDA's decision-making structure consists of the Board of Governors, the Executive Directors, the President, Management and staff. The Board of Governors is the highest decision-making authority. Governors are appointed by their member governments for a five-year term, which is renewable. The Board of Governors may delegate authority to the Executive Directors to exercise any of its powers, except for certain powers enumerated in the IDA Articles. IDA has its own policies and frameworks that are carried out by staff that share responsibilities for both IDA and IBRD.

#### **Board Membership**

In accordance with the Articles, Executive Directors are appointed or elected every two years by their member governments. The Board currently has 25 Executive Directors who represent all 173 member countries. Executive Directors are neither officers nor staff of IDA. The President is the only member of the Board from management, and he serves as a nonvoting member and as Chairman of the Board.

The Board is required to consider proposals made by the President on IDA loans, grants and guarantees and on other policies that affect its general operations. The Board is also responsible for presenting to the Board of Governors, at the Annual Meetings, audited accounts, an administrative budget, and an annual report on operations and policies and other matters.

The Board and its committees are in continuous session at the main World Bank offices in Washington DC, as business requires. Each committee's terms of reference establishes its respective roles and responsibilities. As committees do not vote on issues,

their role is primarily to serve the Board in discharging its responsibilities.

The committees are made up of 8 members and function under their respective terms of reference. These committees are as follows:

- Audit Committee assists the Boards in overseeing the IDA's finances, accounting, risk management and internal controls (See further explanation below).
- Budget Committee assists the Boards in approving the World Bank's budget and in overseeing the preparation and execution of the IDA's business plans. The committee provides guidance to management on strategic directions of IDA.
- Committee on Development Effectiveness supports the Boards in assessing the IDA's development effectiveness, providing guidance on strategic directions of IDA, monitoring the quality and results of operations.
- Committee on Governance and Executive Directors' Administrative Matters assists the Boards in issues related to the governance of IDA, the Boards' own effectiveness, and the administrative policy applicable to Executive Directors' offices.
- Human Resources Committee- strengthens the efficiency and effectiveness of the Board in discharging its oversight responsibility on the World Bank's human resources strategy, policies and practices, and their alignment with the business needs of the organization.

#### **Audit Committee**

#### **Membership**

The Audit Committee consists of eight Executive Directors. Membership in the Audit Committee is determined by the Board, based on nominations by the Chairman of the Board, following informal consultation with Executive Directors.

#### **Key Responsibilities**

The Audit Committee is appointed by the Board for the primary purpose of assisting the Board in overseeing IDA's finances, accounting, risk management, internal controls and institutional integrity. Specific responsibilities include:

- Oversight of the integrity of IDA's financial statements.
- Appointment, qualifications, independence and performance of the External Auditor.
- Performance of the Internal Audit Department.
- Adequacy and effectiveness of financial and accounting policies and internal controls and the mechanisms to deter, prevent and penalize fraud and corruption in IDA operations and corporate procurement.
- Effective management of financial, fiduciary and compliance risks in IDA.
- Oversight of the institutional arrangements and processes for risk management across IDA

In carrying out its role, the Audit Committee discusses financial issues and policies that affect IDA's financial position and capital adequacy, with Management, external auditors, and internal auditors. It also recommends the annual audited financial statements for approval to the Board. The Audit Committee monitors and reviews developments in corporate governance and its own role on an ongoing basis.

#### **Executive Sessions**

Under the Audit Committee's terms of reference, it may convene an executive session at any time, without Management's presence. The Audit Committee meets separately in executive session with the external and internal auditors.

#### Access to Resources and to Management

Throughout the year, the Audit Committee receives a large volume of information to enable it to carry out its duties, and meets both formally and informally throughout the year to discuss relevant matters. It has complete access to Management, and reviews and discusses with Management topics considered in its terms of reference.

The Audit Committee has the authority to seek advice and assistance from outside legal, accounting, or other advisors as it deems necessary.

#### **Business Conduct**

The WBG promotes a positive work environment in which staff members understand their ethical obligations to the institution. In support of this commitment, the institution has in place a Code of Conduct. The WBG has both an Ethics Helpline and a Fraud and Corruption hotline. A third-party service offers many methods of worldwide communication. Reporting channels include telephone, mail, email, or confidential submission through a website.

IDA has in place procedures for receiving, retaining, and handling recommendations and concerns relating to business conduct identified during the accounting, internal control, and auditing processes.

WBG staff rules clarify and codify the staff's obligations in reporting suspected fraud, corruption, or other misconduct that may threaten the operations or governance of the WBG. These rules also offer protection from retaliation.

#### Auditor Independence

The appointment of the external auditor for IDA is governed by a set of Board-approved principles. These

- Limits on the external auditor's provision of nonaudit-related services:
- Requiring all audit-related services to be preapproved on a case-by-case basis by the Board, upon recommendation of the Audit Committee;
- Renewal of the external audit contract every five years, with a limit of two consecutive terms and mandatory rotation thereafter.

In FY17, the Board approved amendments to the policy on the appointment of an external auditor which will come into effect for the FY19 audit period. The primary amendments now permit the external auditor to provide non-prohibited, non-audit related services subject to monetary limits.

Broadly, the list of prohibited non-audit services include those that would put the external auditor in the roles typically performed by management and in a position of auditing their own work, such as accounting services, internal audit services, and provision of investment advice. The total non-audit services fees over the term of the relevant external audit contract shall not exceed 70 percent of the audit fees over the same period.

Communication between the external auditor and the Audit Committee is ongoing and carried out as often as deemed necessary by either party. The Audit Committee meets periodically with the external auditor and individual committee members have independent access to the external auditor. IDA's external auditors also follow the communication requirements with the Audit Committee set out under generally accepted auditing standards in the United States and in the International Standards on Auditing.

#### **External Auditors**

The external auditor is appointed to a five-year term and is subject to annual reappointment based on the recommendation of the Audit Committee and approval of a resolution by the Board. In FY14, KPMG LLP began a second five-year term as IDA's external auditor. FY18 is the final year of KPMG LLP's second term as IDA's external auditor.

Following a mandatory rebidding of the external audit contract, IDA's Executive Directors approved the appointment of Deloitte as IDA's external auditor for an initial five-year term commencing FY19.

#### **Internal Controls**

# Internal Control over External Financial Reporting

Each fiscal year, Management evaluates the internal controls over external financial reporting to determine whether any changes made in these controls during the

fiscal year materially affect, or would be reasonably likely to materially affect, IDA's internal control over external financial reporting. The internal control framework promulgated by the Committee of Sponsoring Organizations of the Treadway Commission (COSO), "Internal Control - Integrated Framework (2013)" provides guidance for designing, implementing and conducting internal control and assessing its effectiveness. IDA uses the 2013 COSO framework to assess the effectiveness of the internal control over external financial reporting. As of June 30, 2018, these controls were determined to be effective. See "Management's report regarding Internal effectiveness of Control over External Financial Reporting" on page 48.

Concurrently, IDA's external auditor provides a report stating IDA maintained, in all material respects, effective internal control over external financial reporting. See Independent Auditor' Report on page 50.

#### **Disclosure Controls and Procedures**

Disclosure controls and procedures are designed to ensure that information required to be disclosed is gathered and communicated to Management as appropriate, to allow timely decisions regarding required disclosure by IDA. Management conducted an evaluation of the effectiveness of such controls and procedures and the President and the MDCFO have concluded that these controls and procedures were effective as of June 30, 2018.

## **Appendix**

### **Glossary of Terms**

Blend Borrower: IDA Member that is eligible to borrow from IDA on the basis of per capita income and is also eligible to borrow from IBRD. Given the access to both sources of funds, blend borrowers are expected to limit IDA funding to social sector projects and to use IBRD resources for projects in the other sectors.

**Board:** The Board of Executive Directors

Commitment Authority: Total value of resources available during a particular replenishment including member equity contributions, borrowings, internal resources, IBRD transfers, IFC grants and other resources.

Completion Point: When conditions specified in the legal notification sent to a country are met and the country's other creditors have confirmed their full participation in the HIPC debt relief initiative. When a country reaches its Completion Point, IDA's commitment to provide the total debt relief for which the country is eligible, becomes irrevocable.

Consultative Loss Limit: Reflects a level of IDA's tolerance for risk of underperforming the benchmark in any fiscal

**Deputies:** Representatives of IDA's contributing partners, known as "the IDA Deputies".

**Duration:** Duration provides an indication of the interest rate sensitivity of a fixed income security to changes in its underlying yield.

**Encashment:** Draw down (payment in cash) of a demand note in accordance with a schedule agreed for each replenishment.

Externally Financed Output (EFO): An instrument for receiving external contributions to support the Bank's work program, typically, for amounts under \$1 million, however larger amounts can also be received.

Graduate Member: A member country that was once eligible to borrow from IDA, however due to improvements in the member's economic results is no longer eligible to borrow from IDA, and is deemed to have "graduated" to IBRD.

**Instrument of Commitment (IoC):** The instrument through which a government commits to make a subscription or a subscription and contribution to IDA's resources.

**Net Disbursements:** Loans and grant disbursements net of repayments and prepayments.

**Prudential Minimum:** The minimum amount of liquidity that IDA is required to hold. It represents 80% of twenty four months coverage as calculated at the start of every fiscal year.

**Replenishment:** The process of periodic review of the adequacy of IDA resources and authorization of additional subscriptions. Under IDA's Articles, replenishments are required to be approved by IDA's Board of Governors by a two-thirds majority of the total voting power.

Special Drawing Rights (SDR): The SDR is an international reserve asset, created by the International Monetary Fund in 1969 to supplement the existing official reserves of member countries. The SDR is defined as a basket of currencies, consisting of the Chinese Renminbi, Euro, Japanese Yen, Pound Sterling, and U.S. dollar. The basket composition is reviewed every five years to ensure that it reflects the relative importance of currencies in the world's trading and financial systems.

Voting Rights: IDA's voting rights consist of a combination of membership and subscription votes.

**World Bank:** The World Bank consists of IBRD and IDA.

World Bank Group (WBG): The World Bank Group consists of the IBRD, IDA, IFC, MIGA and ICSID.

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# INTERNATIONAL DEVELOPMENT ASSOCIATION (IDA) FINANCIAL STATEMENTS AND INTERNAL CONTROL REPORTS

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June 30, 2018

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# Management's Report Regarding Effectiveness of Internal Control Over External Financial Reporting

The World Bank

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT INTERNATIONAL DEVELOPMENT ASSOCIATION

1818 H Street N.W. Washington, D.C. 20433 U.S.A. (202) 477-1234 Cable Address: INTRA

Cable Address: INTBAFRAD Cable Address: INDEVAS

## Management's Report Regarding Effectiveness of Internal Control over External Financial Reporting

August 9, 2018

The management of the International Development Association (IDA) is responsible for the preparation, integrity, and fair presentation of its published financial statements. The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America and include amounts based on informed judgments and estimates made by management.

The financial statements have been audited by an independent audit firm, which was given unrestricted access to all financial records and related data, including minutes of all meetings of the Executive Directors and their Committees. Management believes that all representations made to the independent auditors during their audit of IDA's financial statements and audit of its internal control over external financial reporting were valid and appropriate. The independent auditors' reports accompany the audited financial statements.

Management is responsible for establishing and maintaining effective internal control over external financial reporting for financial statement presentations in conformity with accounting principles generally accepted in the United States of America. Management maintains a comprehensive system of controls intended to ensure that transactions are executed in accordance with management's authorization, assets are safeguarded, and financial records are reliable. The system of internal control contains monitoring mechanisms, and actions are taken to correct deficiencies identified. Management believes that internal control over external financial reporting, which is subject to scrutiny by management and the internal auditors, and is revised as considered necessary, supports the integrity and reliability of the external financial statements.

There are inherent limitations in the effectiveness of any internal control, including the possibility of human error and the circumvention or overriding of controls. Accordingly, even effective internal controls can provide only reasonable assurance with respect to financial statement preparation. Further, because of changes in conditions, the effectiveness of internal controls may vary over time.

IDA assessed its internal control over external financial reporting for financial statement presentation in conformity with accounting principles generally accepted in the United States of America as of June 30, 2018. This assessment was based on the criteria for effective internal control over external financial reporting described in the *Internal Control-Integrated Framework* (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based upon this assessment, management believes that IDA maintained effective internal control over external financial reporting presented in conformity with accounting principles generally accepted in the United States of America as of June 30, 2018. The independent audit firm that

audited the financial statements has issued an Independent Auditors Report which expresses an opinion on IIDA's internal control over external financial reporting.

The Executive Directors of IDA have appointed an Audit Committee responsible for monitoring the accounting practices and internal controls of IDA. The Audit Committee is comprised entirely of Executive Directors who are independent of IDA's management. The Audit Committee is responsible for recommending to the Executive Directors the selection of independent auditors. It meets periodically with management, the independent auditors, and the internal auditors to ensure that they are carrying out their responsibilities. The Audit Committee is responsible for performing an oversight role by reviewing and monitoring the financial, accounting and auditing procedures of IDA in addition to reviewing IDA's financial reports. The independent auditors and the internal auditors have full and free access to the Audit Committee, with or without the presence of management, to discuss the adequacy of internal control over external financial reporting and any other matters which they believe should be brought to the attention of the Audit Committee.

Jim York Kin President

Joaquim Vieira Ferreira Levy Managing Director and World Bank Group Chief Financial Officer

Bernard Lauwers
Vice-President and World Bank Group Controller

# INDEPENDENT AUDITORS' REPORT ON EFFECTIVENESS OF INTERNAL CONTROL OVER FINANCIAL REPORTING



KPMG LLP Suite 12000 1801 K Street, NW Washington, DC 20006

#### Independent Auditors' Report

President and Executive Directors International Development Association:

We have audited the International Development Association's (IDA) internal control over external financial reporting as of June 30, 2018, based on criteria established in the *Internal Control – Integrated Framework* (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Management's Responsibility for Internal Control Over Financial Reporting

Management is responsible for designing, implementing, and maintaining effective internal control over financial reporting, and for its assessment about the effectiveness of internal control over financial reporting, included in the accompanying Management's Report Regarding Effectiveness of Internal Control Over External Financial Reporting.

#### Auditors' Responsibility

Our responsibility is to express an opinion on the entity's internal control over financial reporting based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects.

An audit of internal control over financial reporting involves performing procedures to obtain audit evidence about whether a material weakness exists. The procedures selected depend on the auditors' judgment, including the assessment of the risks that a material weakness exists. An audit includes obtaining an understanding of internal control over financial reporting and testing and evaluating the design and operating effectiveness of internal control over financial reporting based on the assessed risk.

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

Definition and Inherent Limitations of Internal Control Over Financial Reporting

An entity's internal control over financial reporting is a process effected by those charged with governance, management, and other personnel, designed to provide reasonable assurance regarding the preparation of reliable financial statements in accordance with U.S. generally accepted accounting principles. An entity's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the entity; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with U.S. generally accepted accounting principles, and that receipts and expenditures of the entity are being made only in accordance with authorizations of management and those charged with governance; and (3) provide reasonable assurance regarding prevention, or timely detection and correction, of unauthorized acquisition, use, or disposition of the entity's assets that could have a material effect on the financial statements

KPMG LLP is a Delaware limited liability partnership and the U.S. member firm of the KPMG network of independent member firms affiliated with KPMG International Cooperative ("KPMG International"), a Swiss entity.



Because of its inherent limitations, internal control over financial reporting may not prevent, or detect and correct, misstatements. Also, projections of any assessment of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

#### Opinion

In our opinion, IDA maintained, in all material respects, effective internal control over financial reporting as of June 30, 2018, based on criteria established in the *Internal Control – Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

#### Report on Financial Statements

We also have audited, in accordance with auditing standards generally accepted in the United States of America, the accompanying financial statements of IDA, which comprise the balance sheets as of June 30, 2018 and 2017, and the related statements of income, comprehensive income, changes in accumulated deficit and cash flows for each of the years in the three-year period ended June 30, 2018, and our report dated August 9, 2018 expressed an unmodified opinion on those consolidated financial statements.

KPMG LLP

Washington, D.C. August 9, 2018

### INDEPENDENT AUDITORS' REPORT



KPMG LLP Suite 12000 1801 K Street, NW Washington, DC 20006

#### Independent Auditors' Report

President and Executive Directors International Development Association:

We have audited the accompanying financial statements of the International Development Association (IDA), which comprise the balance sheets as of June 30, 2018 and 2017, and the related statements of income, comprehensive income, changes in accumulated deficit and cash flows for each of the years in the three-year period ended June 30, 2018, and the related notes to the financial statements.

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

Management is responsible for the preparation and fair presentation of these financial statements in accordance with U.S. generally accepted accounting principles; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement, whether due to fraud or error.

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 the risks of material misstatement of the financial statements, 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 also includes evaluating the appropriateness of 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

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of IDA as of June 30, 2018 and 2017, and the results of its operations and its cash flows for each of the years in the three-year period ended June 30, 2018 in accordance with U.S. generally accepted accounting principles.

#### Other Matter

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The summary statement of loans and the statement of voting power and subscriptions and contributions as of June 30, 2018 are presented for purposes of additional analysis and are not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to



the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

Report on Internal Control over Financial Reporting

We also have audited, in accordance with auditing standards generally accepted in the United States of America, IDA's internal control over financial reporting as of June 30, 2018, based on criteria established in the Internal Control – Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) and our report dated August 9, 2018 expressed an unmodified opinion on the effectiveness of IDA's internal control over financial reporting.

KPMG LLP

Washington, D.C. August 9, 2018

# BALANCE SHEET

June 30, 2018 and June 30, 2017

Expressed in millions of U.S. dollars

Expressed in millione of C.C. deliard		2018		2017
Assets		_		
Due from Banks—Notes C and L				
Unrestricted cash	\$	495	\$	455
Restricted cash		28		28
		523		483
			'	
Investments (including securities transferred under repurchase or securities				
lending agreements of \$2,321 million—June 30, 2018; \$2,150 million—June		00.050		04.700
30, 2017) —Notes C, G and L		36,056		31,789
Securities Purchased Under Resale Agreements—Notes C and L		19		244
Derivative Assets		45 745		40.505
Asset-liability management—Notes E, G and L		15,715		19,525
Borrowings—Notes D, E and L		1		-
Investments—Notes C, E and L	-	6,198		4,318
		21,914		23,843
Receivable from Affiliated Organization—Note G		816		798
Other Receivables				
Receivable from investment securities traded— <i>Note C</i>		277		527
Accrued interest and commitment charges		392		358
, too and minor and committee of the good		669		885
			-	
Loans Outstanding (Summary Statement of Loans, Notes F and L)				
Total Loans		211,271		196,363
Less: Undisbursed balance		(61,243)		(54,179)
Loans outstanding		150,028		142,184
Less: Accumulated provision for losses on loans		(4,383)		(3,853)
Add: Deferred loans origination costs		11		20
Net loans outstanding		145,656	-	138,351
Other Assets—Note H		677		648
Total Assets				

	2018	2017
Liabilities	•	
Borrowings—Notes D and L	\$	\$
Concessional partner loans (at amortized cost)	5,811	3,660
Market borrowings (at fair value)	1,494	- 0.000
	7,305	3,660
Securities Sold Under Repurchase Agreements, Securities Lent		
Under Securities Lending Agreements, and Payable for Cash		
Collateral Received—Note C and L	2,543	2,560
Derivative Liabilities		
Asset-liability management—Notes E, G and L	15,745	19,550
Borrowings—Notes D, E and L	15	-
Investments—Notes C, E and L	6,198	4,523
	21,958	24,073
Payable for Development Grants—Note I	8,743	6,583
Payable to Affiliated Organization—Note G	479	471
Other Liabilities		
Payable for investment securities purchased—Note C	556	543
Accounts payable and miscellaneous liabilities—Notes F and H	801	675
	1,357	1,218
Total Liabilities	42,385	38,565
Equity		
Members' Subscriptions and Contributions (Statement of Voting Power and Subscriptions and Contributions and Note B)		
Unrestricted	268,382	245,603
Restricted	328	327
Subscriptions and contributions committed	268,710	245,930
Less:	200,710	243,930
Subscriptions and contributions receivable	(39,596)	(27,113)
Cumulative discounts/ acceleration credits on subscriptions and	(33,330)	(27,110)
contributions	(3,653)	(3,414)
Subscriptions and contributions paid-in	225,461	215,403
·		
Nonnegotiable, Noninterest-bearing Demand Obligations on		
Account of Members' Subscriptions and Contributions		
Unrestricted	(9,989)	(9,267)
Restricted	(51)	(51)
	(10,040)	(9,318)
Deferred Amounts to Maintain Value of Currency Holdings	(244)	(244)
	(50.557)	(45.000)
Accumulated Deficit (Statement of Changes in Accumulated Deficit)	(50,557)	(45,326)
Accumulated Other Communication Income. Als (- 1	(075)	(0.000)
Accumulated Other Comprehensive Income—Note J	(675)	(2,039)
Total Equity	163,945	158,476
Total Liabilities and Equity	\$ 206,330	\$ 197,041

# STATEMENT OF INCOME

For the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016

Expressed in millions of U.S. dollars	Expressed	in	millions	of	U.S.	dollars
---------------------------------------	-----------	----	----------	----	------	---------

,	2018	2017	2016
Interest revenue			
Interest revenue	\$ 1,376	5 \$ 1,232	\$ 1,149
Loans, net—Note F Investments, net—Notes C, E, G and L	φ 1,370 420	,	384
investinents, net—Notes C, E, G and E	420	391	304
Borrowings, net—Notes C and D	(149)	(102)	(80)
Interest revenue, net of borrowing expenses	1,647	1,521	1,453
Provision for losses on loans and other exposures, (charge) release —Note F	(548)	56	(380)
Non-interest revenue			
Revenue from externally funded activities—Notes G and H	741	647	569
Other	18	88	5
Total	759	655	574
Non-interest expenses Administrative—Notes G, H and K Contributions to special programs—Note G Other Total	(2,184) (21) (41) (2,246)	(25)	(1,765) - 14 (1,751)
Transfers from affiliated organizations and others—Notes G and H	203	599	990
Development grants—Note I	(4,969)	(2,577)	(1,232)
Non-functional currency translation adjustment gains (losses), net	89	(49)	208
Unrealized mark-to-market (losses) gains on Investments-Trading portfolio, net—Notes E and L	(128)	(367)	509
Unrealized mark-to-market (losses) gains on Non-Trading portfolios, net			
Asset-liability management—Notes E and L	(17)	54	(35)
Investments—Note L	(21)	(32)	35
Total	(38)	22	
Net (Loss) Income	\$ (5,231)	\$ (2,296)	<b>\$</b> 371

## STATEMENT OF COMPREHENSIVE INCOME

For the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016

Expressed in millions of U.S. dollars

	 2018	 2017	 2016
Net (Loss) Income	\$ (5,231)	\$ (2,296)	\$ 371
Other Comprehensive Income (Loss)—Note J			
Currency translation adjustments on functional currencies	1,364	(820)	(344)
Comprehensive (Loss) Income	\$ (3,867)	\$ (3,116)	\$ 27

### STATEMENT OF CHANGES IN ACCUMULATED DEFICIT

For the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016

Expressed in millions of U.S. dollars

	 2018	 2017	 2016
Accumulated Deficit at beginning of the fiscal year	\$ (45,326)	\$ (43,030)	\$ (43,401)
Net (loss) income for the year	 (5,231)	 (2,296)	 371
Accumulated Deficit at end of the fiscal year	\$ (50,557)	\$ (45,326)	\$ (43,030)

STATEMENT OF CASH FLOWS
For the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016

Expressed in millions of U.S. dollars

		2018		2017		2016
Cash flows from investing activities						
Loans						
Disbursements	\$	(11,540)	\$	(10,613)	\$	(11,461)
Principal repayments		5,042		4,513		4,276
Principal prepayments		51		51		51
Proceeds from buy-down of loans		-		-		58
Non-trading securities—Investments						
Principal payments received		126		113		72
Net cash used in investing activities		(6,321)		(5,936)		(7,004)
Cash flows from financing activities						
Members' subscriptions and contributions		9,335		6,893		7,525
Medium and long-term borrowings (new issues)		3,603		786		653
Net derivatives-borrowings		11		-		-
Net cash provided by financing activities		12,949		7,679		8,178
Cash flows from operating activities						
Net (loss) income		(5,231)		(2,296)		371
Adjustments to reconcile net loss to net cash used in operating activities	)	(=,==,		(-,,		
Provision for losses on loans and other exposures, net—		= 40		(50)		000
charge (release)		548		(56)		380
Non-functional currency translation adjustment (gains) losses, net		(89)		49		(208)
Unrealized mark-to-market losses (gains) on non-trading		(69)		49		(200)
portfolios, net		38		(22)		_
Other non-interest expenses		41		10		(14)
Amortization of discount on borrowings		53		35		25
Changes in:		00		00		20
Investments—Trading, net		(4,208)		(708)		1,483
Net investment securities traded/purchased		286		(123)		(10)
Net derivatives—Investments		(329)		42		(45)
Net derivatives—Masset-liability management		(4)		210		66
Net securities purchased/sold under resale/repurchase		( ')		210		00
agreements and payable for cash collateral received		188		430		(2,408)
Net receivable from affiliated organizations		(11)		104		45
Payable for development grants		2,117		522		(499)
Accrued interest and commitment charges		(28)		(33)		(36)
Other assets		(466)		(144)		(35)
Accounts payable and miscellaneous liabilities		504		27		34
Net cash used in operating activities	_	(6,591)		(1,953)		(851)
Effect of exchange rate changes on unrestricted cash	-	3		20		(6)
Net increase (decrease) in unrestricted cash		40		(190)		317
Unrestricted cash at beginning of the fiscal year		455		645		328
Unrestricted cash at beginning of the riscal year  Unrestricted cash at end of the fiscal year	<u></u>	495 495	<u> </u>	455	\$	645
omesancieu casn at enu or the histar year	\$	430	\$	400	Ψ	040

# STATEMENT OF CASH FLOWS

For the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016

Expressed in millions of U.S. dollars

expressed in millions of 0.5. dollars		2018		2017	2016	
Supplemental disclosure	-		-		 	
Increase (Decrease) in ending balances resulting from exchange rate fluctuations:						
Loans outstanding	\$	1,410	\$	(588)	\$ (655)	
Investment portfolio		92		(208)	141	
Derivatives—Asset-liability management		5		(139)	421	
Borrowings		(16)		(67)	78	
Principal repayments written off under Heavily						
Indebted Poor Countries (HIPC) Debt Initiative		10		9	10	
Loans written off under Multilateral Debt Relief						
Initiative (MDRI)		-		-	524	
Loans prepaid—carrying value		54		54	54	
Buy-down of loans—carrying value		-		-	85	
Interest paid on borrowings		49		46	42	

# SUMMARY STATEMENT OF LOANS

June 30, 2018

Borrower or guarantor	Total loans	Undisbursed loans <sup>a</sup>	Loans outstanding	Percentage of Ioans outstanding <sup>c</sup>
Afghanistan	\$ 356	\$ -	\$ 356	\$ 0.24 %
Albania	678	1	677	0.45
Angola	610	57	553	0.37
Armenia	1,137	34	1,103	0.74
Azerbaijan	478	*	478	0.32
Bangladesh	21,174	6,955	14,219	9.48
Benin	1,431	508	923	0.62
Bhutan	255	6	249	0.17
Bolivia	984	261	723	0.48
Bosnia and Herzegovina	1,144	68	1,076	0.72
Botswana	1	-	1	*
Burkina Faso	2,194	754	1,440	0.96
Burundi	145	-	145	0.10
Cabo Verde, Republic of	376	64	312	0.21
Cambodia	968	424	544	0.36
Cameroon	1,994	839	1,155	0.77
Central African Republic	167	77	90	0.06
Chad	185	-	185	0.12
China	2,051	-	2,051	1.37
Comoros	13	-	13	0.01
Congo, Democratic Republic of	1,737	726	1,011	0.67
Congo, Republic of	355	201	154	0.10
Côte d'Ivoire	2,032	1,202	830	0.55
Djibouti	232	84	148	0.10
Dominica	52	17	35	0.02
Dominican Republic	2	-	2	*
Ecuador	2	-	2	*
Egypt, Arab Republic of	662	-	662	0.44
El Salvador	3	-	3	*
Equatorial Guinea	25	-	25	0.02
Eritrea	439	-	439	0.29
Eswatini	1		1	
Ethiopia	12,376	4,632	7,744	5.16
Gambia, The	162	53	109	0.07
Georgia	1,147	26	1,121	0.75
Ghana	4,498	545	3,953	2.64
Grenada	132	40	92	0.06
Guinea	434	172	262	0.17
Guinea-Bissau	228	157	71	0.05
Guyana	98	58	40	0.03
Honduras	1,001	41	960	0.64
India	28,642	4,680	23,962	15.97
Indonesia	1,271	-	1,271	0.84
Iraq	323	-	323	0.22
Jordan	114	43	71 5 525	0.05
Kenya	9,902	4,377	5,525	3.68
Kosovo	165	114	51	0.03
Kyrgyz Republic	849	194	655	0.44
Lao People's Democratic Republic	799 101	212	587	0.39
Lebanon	101	76 105	25	0.02
Lesotho	438	105	333	0.22

# SUMMARY STATEMENT OF LOANS

June 30, 2018

Borrower or guarantor	Total loans	Undisbursed loans <sup>a</sup>	Loans outstanding	Percentage of loans outstanding <sup>c</sup>
Liberia	\$ 591	\$ 261	\$ 330	0.22 %
Macedonia, former Yugoslav Republic of	244	-	244	0.16
Madagascar	2,102	469	1,633	1.09
Malawi	1,421	532	889	0.59
Maldives	94	6	88	0.06
Mali	2,013	386	1,627	1.08
Mauritania	450	62	388	0.26
Mauritius	3	-	3	*
Moldova	767	166	601	0.40
Mongolia	738	161	577	0.39
Montenegro	48	-	48	0.03
Morocco	4	-	4	*
Mozambique	3,360	502	2,858	1.91
Myanmar	2,665	1,482	1,183	0.79
Nepal	3,624	1,314	2,310	1.54
Nicaragua	930	314	616	0.41
Niger	1,579	559	1,020	0.68
Nigeria	14,917	6,700	8,217	5.48
Pakistan	17,704	3,671	14,033	9.34
Papua New Guinea	496	244	252	0.17
Paraguay	5	-	5	*
Philippines	75	-	75	0.05
Rwanda	2,055	589	1,466	0.98
Samoa	120	13	107	0.07
São Tomé and Príncipe	12	-	12	0.01
Senegal	3,383	1,330	2,053	1.37
Serbia	357	· -	357	0.24
Sierra Leone	447	162	285	0.19
Solomon Islands	69	33	36	0.02
Somalia	416	-	416	0.28
South Sudan	156	89	67	0.04
Sri Lanka	4,040	970	3,070	2.05
St. Kitts and Nevis	1	-	1	*
St. Lucia	126	44	82	0.06
St. Vincent and the Grenadines	89	58	31	0.02
Sudan	1,215	-	1,215	0.81
Syrian Arab Republic	14	-	14	0.01
Tajikistan	582	249	333	0.22
Tanzania	10,035	3,317	6,718	4.48
Timor-Leste	61	35	26	0.02
Togo	219	161	58	0.04
Tonga	51	12	39	0.03
Tunisia	4	-	4	*
Turkey	10	-	10	0.01
Uganda	5,134	2,064	3,070	2.05
Uzbekistan	2,323	1,688	635	0.42
Vanuatu	105	55	50	0.03
Vietnam	17,670	4,831	12,839	8.56
Yemen, Republic of	1,666	26	1,640	1.09
Zambia	1,717	747	970	0.64
Zimbabwe	467	-	467	0.31
Subtotal—Members <sup>c</sup>	\$ 210,937	\$ 61,105	\$ 149,832	99.87 %

## SUMMARY STATEMENT OF LOANS

June 30, 2018

Amounts expressed in millions of U.S. dollars

Borrower or guarantor	To	otal loans	Undisbursed loans <sup>a</sup>	Loans outstanding	Percentage of loans outstanding	
African Trade Insurance Agency b	\$	9	\$ -	\$ 9	0.01	%
Bank Of The States Of Central Africa b		61	24	37	0.02	
Caribbean Development Bank <sup>b</sup>		13	-	13	0.01	
West African Development Bank <sup>b</sup> Subtotal—Regional development		251	 114	 137	0.09	
banks	\$	334	\$ 138	\$ 196	0.13	%
Total—June 30, 2018 °	\$ 2	211,271	\$ 61,243	\$ 150,028	100.00	%
Total—June 30, 2017	<b>\$</b> 1	96,363	\$ 54,179	\$ 142,184		

<sup>\*</sup> Indicates amount less than \$0.5 million or 0.005 percent

#### **NOTES**

- a. Of the undisbursed balance at June 30, 2018, IDA has entered into irrevocable commitments to disburse \$446 million (\$466 million—June 30, 2017).
- b. The loans to these regional development banks and agencies are for the benefit of members of IDA or territories of members of IDA.
- c. May differ from the calculated amounts or sum of individual figures shown due to rounding.

Manuface 2	No made and a first factor	Percentage of	S	ubscriptions and contributions
Member <sup>a</sup> P <b>art I Members</b>	Number of votes	total votes		committed <sup>b</sup>
Australia	346,373	1.24 %	\$	5,079.54
			Ф	
Austria	243,084	0.87		3,627.84
Belgium	306,464	1.10		4,944.38
Canada	736,369	2.64		12,237.27
Denmark	257,916	0.92		3,968.73
stonia	51,697	0.19		17.32
inland	178,851	0.64		2,103.81
rance	1,058,451	3.79		19,020.69
Bermany	1,497,064	5.37		27,526.47
Greece	56,665	0.20		213.55
celand	62,756	0.22		95.01
reland	103,035	0.37		817.26
aly	635,865	2.28		10,636.58
apan	2,323,331	8.33		46,829.05
(uwait	118,016	0.42		1,056.86
atvia	58,224	0.21		16.28
ithuania	51,564	0.18		14.50
uxembourg	77,771	0.27		398.38
letherlands	548,781	1.97		9,743.17
lew Zealand	77,786	0.28		382.50
	289,696	1.04		4,351.78
lorway	•	0.25		
Portugal	70,524			319.58
Russian Federation	90,647	0.32		750.85
Slovenia	60,233	0.22		46.35
South Africa	74,260	0.27		237.29
Spain	301,949	1.08		4,661.17
Sweden	563,335	2.02		8,860.19
Switzerland	354,248	1.27		5,776.69
Inited Arab Emirates	1,367	0.00		5.58
Jnited Kingdom	1,807,008	6.48		32,197.50
Inited States	2,846,457	10.20		53,242.92
Subtotal—Part I Members <sup>b</sup>	15,249,787	54.64 %	\$	259,179.09
Part II Members				
fghanistan	59,204	0.21 %	\$	1.50
lbania	61,859	0.22		0.37
lgeria	114,480	0.41		30.57
ingola	153,438	0.55		8.51
rgentina	348,213	1.25		141.09
armenia	65,146	0.23		0.69
zerbaijan	69,886	0.25		1.14
Bahamas, The	59,379	0.21		8.54
	145,391			
Bangladesh	•	0.52		8.09
arbados	62,860	0.23		2.36
elize	19,834	0.07		0.27
enin	60,820	0.22		0.78
hutan	58,732	0.20		0.08
solivia, Plurinational State of	75,994	0.27		1.65
Bosnia and Herzegovina	52,455	0.19		2.49

Member <sup>a</sup>	Number of votes	Percentage of total votes	Sı	ubscriptions and contributions committed b
Botswana	51,149	0.18 %	\$	1.63
Brazil	477,996	1.71		842.55
Burkina Faso	63,810	0.23		0.80
Burundi	55,801	0.20		1.10
Cabo Verde, Republic of	43,840	0.16		0.13
Cambodia	70,149	0.25		1.60
Cameroon	60,782	0.22		1.61
Central African Republic	48,910	0.18		0.77
Chad	52,210	0.19		0.78
Chile	58,505	0.21		39.12
China	617,607	2.21		1,132.59
Colombia	94,824	0.34		24.91
Comoros	47,140	0.17		0.13
Congo, Democratic Republic of	82,699	0.30		4.61
Congo, Republic of	52,210	0.19		0.75
Costa Rica	27,985	0.10		0.28
Côte d'Ivoire	66,456	0.24		1.56
Croatia	88,373	0.32		5.95
Cyprus	71,251	0.26		25.29
Czech Republic	124,095	0.44		139.58
Djibouti	48,116	0.17		0.26
Dominica Dansiniana Banaktia	58,892	0.21		0.14
Dominican Republic	27,780	0.10		0.58
Ecuador	50,151	0.18		0.94
Egypt, Arab Republic of El Salvador	129,439 46,516	0.46 0.17		18.62 0.49
Equatorial Guinea	6,167	0.17		0.49
Eswatini	22,322	0.02		0.42
Eritrea	44,036	0.16		0.42
Ethiopia	49,232	0.18		0.70
Fiji	19,809	0.07		0.76
Gabon	2,093	0.01		0.63
Gambia, The	55,208	0.20		0.42
Georgia	62,770	0.23		0.99
Ghana	86,677	0.31		3.16
Grenada	26,427	0.09		0.13
Guatemala	40,696	0.15		0.56
Guinea	37,287	0.13		1.33
Guinea-Bissau	44,500	0.16		0.22
Guyana	71,323	0.26		1.26
Haiti	52,038	0.19		1.10
Honduras	52,855	0.19		0.43
Hungary	192,902	0.69		155.75
India	801,260	2.87		438.14
Indonesia	244,438	0.88		110.37
Iran, Islamic Republic of	115,867	0.42		24.21
Iraq	70,212	0.25		1.13
Israel	82,585	0.30		120.92
Jordan	24,865	0.09		0.41
Kazakhstan	23,297	0.08		8.50

Member <sup>a</sup>	Number of votes	Percentage of total votes	Subscriptions and contributions committed <sup>b</sup>
Kenya	77,960	0.28 %	\$ 2.43
Kiribati	43,592	0.16	0.10
Korea, Republic of	256,977	0.92	2,366.13
Kosovo, Republic of	48,357	0.17	0.85
Kyrgyz Republic	64,522	0.23	0.58
Lao People's Democratic Republic	48,910	0.18	0.73
Lebanon	8,562	0.03	0.56
Lesotho	54,340	0.19	0.23
Liberia	52,038	0.19	1.12
Libya	44,771	0.16	1.41
Macedonia, former Yugoslav Republic of	47,095	0.17	1.09
Madagascar	66,456	0.24	1.40
Malawi	56,040	0.20	0.98
Malaysia	101,921	0.37	59.82
Maldives	55,046	0.20	0.05
Mali	62,445	0.22	1.37
Marshall Islands	4,902	0.02	0.01
Mauritania	52,210	0.19	0.78
Mauritius	72,736	0.26	1.36
Mexico	142,236	0.51	168.34
Micronesia, Federated States of	18,424	0.07	0.03
Moldova	56,582	0.20	0.88
Mongolia	45,818	0.16	0.31
Montenegro	56,819	0.20	0.75
Morocco	103,422	0.37	5.57
Mozambique	62,670	0.22	2.06
Myanmar	82,096	0.29	2.57
Nepal	54,710	0.20	0.73
Nicaragua	62,982	0.23	0.44
Niger	52,210	0.19	0.76
Nigeria	100,835	0.36	19.45
Oman	56,788	0.20	1.42
Pakistan	231,608	0.83	51.19
Palau	3,804	0.01	0.03
Panama	10,185	0.04	0.03
Papua New Guinea	67,754	0.24	1.28
Paraguay	30,157	0.11	0.42
Peru	89,473	0.32	18.10
Philippines	142,821	0.51	28.74
Poland	552,712	1.98	128.06
Romania	96,010	0.34	5.23
Rwanda	52,038	0.19	1.12
St. Kitts and Nevis	13,868	0.05	0.17
St. Lucia	30,532	0.11	0.23
St. Vincent and the Grenadines	49,846	0.18	0.12
Samoa	43,901	0.16	0.12
São Tomé and Principe	49,519	0.18	0.14
Saudi Arabia	911,234	3.27	2,765.60
Senegal	72,243	0.26	2,765.66
Serbia	86,096	0.20	7.11
Octora	06,090	0.31	1.11

Amounts expressed in millions of U.S. dollars

Member <sup>a</sup>	Number of votes	Percentage of total votes	C	scriptions and ontributions ommitted <sup>b</sup>
Sierra Leone	63,638	0.23 %	\$	1.05
Singapore	49,422	0.18		253.65
Slovak Republic	89,958	0.32		34.03
Solomon Islands	43,901	0.16		0.13
Somalia	10,506	0.04		0.95
South Sudan	52,447	0.19		0.45
Sri Lanka	104,139	0.37		4.42
Sudan	64,082	0.23		1.52
Syrian Arab Republic	11,027	0.04		1.19
Tajikistan	53,918	0.19		0.54
Tanzania	68,943	0.25		2.32
Thailand	108,402	0.39		13.81
Timor-Leste	45,123	0.16		0.44
Togo	61,840	0.22		1.19
Tonga	49,514	0.18		0.11
Trinidad and Tobago	81,067	0.29		2.13
Tunisia	2,793	0.01		1.89
Turkey	167,396	0.60		201.83
Tuvalu	6,338	0.02		0.02
Uganda	50,392	0.18		2.30
Ukraine	115,569	0.41		8.06
Uzbekistan	73,936	0.27		1.93
Vanuatu	50,952	0.18		0.31
Vietnam	61,168	0.22		2.23
Yemen, Republic of	68,976	0.25		2.20
Zambia	84,527	0.30		3.70
Zimbabwe	105,982	0.38		6.41
Subtotal—Part II Members <sup>b</sup>	12,647,472	45.36 <sub>%</sub>	\$	9,530.45
Total—June 30, 2018 <sup>b</sup>	27,897,259	100.00 %	\$	268,710
Total—June 30, 2017	26,930,740		\$	245,930

#### **NOTES**

a. See Notes to Financial Statements—Note A for an explanation of the two categories of membership

b. May differ from the calculated amounts or sum of individual figures shown due to rounding.

#### Notes to Financial Statements

#### **PURPOSE AND AFFILIATED ORGANIZATIONS**

The International Development Association (IDA) is an international organization established in 1960. IDA's main goal is reducing poverty through promoting sustainable economic development in the less developed countries of the world that are members of IDA, by extending concessionary and non-concessionary\_financing in the form of grants, loans and guarantees, and by providing related technical assistance. The activities of IDA are complemented by those of three affiliated organizations, the International Bank for Reconstruction and Development (IBRD), the International Finance Corporation (IFC), and the Multilateral Investment Guarantee Agency (MIGA). Each of these organizations is legally and financially independent from IDA, with separate assets and liabilities, and IDA is not liable for their respective obligations. Transactions with these affiliates are disclosed in the notes that follow. The principal purpose of IBRD is to promote sustainable economic development and reduce poverty in its member countries, primarily by providing loans, guarantees and related technical assistance for specific projects and for programs of economic reform in developing member countries. IFC's purpose is to encourage the growth of productive private enterprises in its member countries through loans and equity investments in such enterprises without a member's guarantee. MIGA's purpose is to encourage the flow of investments for productive purposes between member countries and, in particular, to developing member countries by providing guarantees against noncommercial risks for foreign investment in its developing member countries.

IDA is immune from taxation pursuant to Article VIII, Section 9, *Immunities from Taxation*, of IDA's Articles of Agreement.

#### NOTE A—SUMMARY OF SIGNIFICANT ACCOUNTING AND RELATED POLICIES

IDA's financial statements are prepared in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP).

The preparation of 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 revenue and expenses during the reporting period. Due to the inherent uncertainty involved in making those estimates, actual results could differ from these estimates. Significant judgment has been used in the valuation of certain financial instruments and the determination of the adequacy of the accumulated provisions for debt relief and losses on loans and other exposures (irrevocable commitments, guarantees and repaying project preparation facilities). Certain reclassifications of the prior year's information have been made to conform with the current year's presentation.

On August 9, 2018, the Executive Directors approved these financial statements for issue, which was also the date through which IDA's Management evaluated subsequent events.

#### **Translation of Currencies**

IDA's financial statements are expressed in terms of U.S. dollars (USD) for the purpose of summarizing its financial position and the results of its operations for the convenience of its members and other users.

IDA conducts its operations in Special Drawing Rights (SDR) and its component currencies of U.S. dollar, Euro (EUR), Japanese Yen (JPY), Pound Sterling (GBP) and Chinese Renminbi (RMB). These constitute the functional currencies of IDA.

Assets and liabilities are translated at market exchange rates in effect at the end of the accounting period. Revenue and expenses are translated at either the market exchange rates in effect on the dates of revenue and expense recognition, or at an average of the exchange rates in effect during each month. Translation adjustments relating to the revaluation of loans, borrowings, development grants payable and all other assets and liabilities denominated in either SDR or the component currencies of SDR, are reflected in Accumulated Other Comprehensive Income. Translation adjustments relating to non-functional currencies are reported in the Statement of Income.

#### Members' Subscriptions and Contributions

#### Recognition

Members' subscriptions and contributions committed for each IDA replenishment are initially recorded both as subscriptions and contributions committed and, correspondingly, as subscriptions and contributions receivable. Prior to effectiveness, only a portion of the value of Instruments of Commitment (IoCs) received as specified in the replenishment resolution is recorded as subscriptions and contributions committed. Upon effectiveness, the remainder of the value of IoCs received is subsequently recorded as subscriptions and contributions committed.

IoCs can contain unqualified or qualified commitments. Under an unqualified commitment, a contributing member agrees to pay a specified amount of its subscription and contribution without requiring appropriation legislation. A qualified commitment is subject to the contributing member obtaining the necessary appropriation legislation. Subscriptions and contributions made under IoCs become available for commitment for loans, grants and guarantees by IDA for a particular replenishment in accordance with the IDA commitment authority framework as approved by the Executive Directors.

A replenishment becomes effective when IDA receives IoCs from members whose subscriptions and contributions aggregate to a specified portion of the full replenishment. Amounts not yet paid in at the date of effectiveness, are recorded as subscriptions and contributions receivable and shown as a reduction of subscriptions and contributions committed. These receivables become due throughout the replenishment period, generally three years, in accordance with an agreed payment schedule. The actual payment of receivables when they become due may be subject to the budgetary appropriation processes for certain members.

The subscriptions and contributions receivable are settled through payment of cash or deposit of nonnegotiable, non interest bearing demand notes. The notes are encashed by IDA on an approximately *pro rata* basis either as provided in the relevant replenishment resolution over the disbursement period of the loans and grants committed under the replenishment, or as needed.

In certain replenishments, donors receive discounts when they pay a particular contribution amount before the relevant due date, and acceleration credits when they pay their full contribution amount before the due date. IDA retains the related revenue on these early payments, with subscriptions and contributions committed being recorded at contribution amounts received grossed up for discounts and acceleration credits. The discounts and acceleration credits are deducted in arriving at the subscriptions and contributions paid-in.

Under the Seventeenth Replenishment of IDA's Resources (IDA17), IDA's Executive Directors approved the use of a limited amount of concessional debt funding, referred to as concessional partner loans, which is continuing in the Eighteenth Replenishment of IDA's Resources (IDA18). The borrowing terms of this concessional debt funding aim to match the concessional features of IDA's loans. Proceeds received under this arrangement have two separate components: (1) a borrowing component and (2) a grant component, for which voting rights are allocated to providers of the concessional partner loans. The borrowing component of the concessional partner loans is recognized and reported at amortized cost (see borrowings section for more details). The grant component is a function of the terms of the loan and the discount rate agreed upon during the replenishment discussions. This grant component is recorded as equity based on the proceeds received.

For the purposes of its financial resources, the membership of IDA is divided into two categories: (1) Part I members, which make payments of subscriptions and contributions provided to IDA in convertible currencies that may be freely used or exchanged by IDA in its operations and (2) Part II members, which make payments of ten percent of their initial subscriptions in freely convertible currencies, and the remaining 90 percent of their initial subscriptions, and all additional subscriptions and contributions in their own currencies or in freely convertible currencies. Certain Part II members provide a portion of their subscriptions and contributions in the same manner as mentioned in (1) above. IDA's Articles of Agreement and subsequent replenishment resolutions provide that the currency of any Part II member paid in by it may not be used by IDA for projects financed by IDA and located outside the territory of the member except by agreement between the member and IDA. The national currency portion of subscriptions of Part II members is recorded as restricted under Members' subscriptions and contributions unless released under an agreement between the member and IDA or used for administrative expenses. The cash paid and notes deposited in nonconvertible local currencies for the subscriptions of Part II members are recorded either as Restricted cash under Due from Banks, or as restricted notes included under Non-negotiable, Non interest bearing Demand Obligations on Account of Member subscriptions and contributions.

Following adoption by the Board of Governors on April 21, 2006 of a resolution authorizing additions to IDA's resources to finance the MDRI (Multilateral Debt Relief Initiative), pledges received in the form of IoCs for financing the MDRI are recorded and accounted for in their entirety. Therefore, the full value of all IoCs received is recorded as subscriptions and contributions committed. Correspondingly, the IoCs are recorded as Subscriptions and contributions receivable and deducted from equity.

#### Withdrawal of Membership

Under IDA's Articles of Agreement, a member may withdraw from membership in IDA at any time. When a government ceases to be a member, it remains liable for all financial obligations undertaken by it to IDA, whether as a member, borrower, guarantor or otherwise. The Articles provide that upon withdrawal, IDA and the government shall proceed to a settlement of accounts. If agreement is not reached within six months, standard arrangements are provided. Under these arrangements, IDA would pay to the government the lower of the member's total paid-in subscriptions and contributions or the member's proportionate share of IDA's net assets. These funds would be paid as a proportionate share of all principal repayments received by IDA on loans made during the period of the government's membership.

#### Valuation of Subscriptions and Contributions

The subscriptions and contributions provided through the Third Replenishment are expressed in terms of "U.S. dollars of the weight and fineness in effect on January 1, 1960" (1960 dollars). Following the abolition of gold as a common denominator of the monetary system and the repeal of the provision of the U.S. law defining the par value of the U.S. dollar in terms of gold, the pre-existing basis for translating 1960 dollars into current dollars or any other currency disappeared. The Executive Directors of IDA decided, that until such time as the relevant provisions of the Articles of Agreement are amended, the words "U.S. dollars of the weight and fineness in effect on January 1, 1960" in Article II, Section 2(b) of the Articles of Agreement of IDA are interpreted to mean the SDR introduced by the International Monetary Fund as the SDR was valued in terms of U.S. dollars immediately before the introduction of the basket method of valuing the SDR on July 1, 1974, such value being equal to \$1.20635 for one SDR (the 1974 SDR). The Executive Directors also decided to apply the same standard of value to amounts expressed in 1960 dollars in the relevant resolutions of the Board of Governors.

The subscriptions and contributions provided through the Third Replenishment are expressed on the basis of the 1974 SDR. Prior to the decision of the Executive Directors, IDA had valued these subscriptions and contributions on the basis of the SDR at the current market value of the SDR.

The subscriptions and contributions provided under the Fourth Replenishment and thereafter are expressed in members' currencies or SDRs and are payable in members' currencies. Subscriptions and contributions made available for disbursement in cash to IDA are translated at market exchange rates in effect on the dates they were made available. Subscriptions and contributions not yet available for disbursements are translated at market exchange rates in effect at the end of the accounting period.

#### Maintenance of Value

Article IV, Section 2(a) and (b) of IDA's Articles of Agreement provides for maintenance of value payments on account of the local currency portion of the initial subscription whenever the par value of the member's currency or its foreign exchange value has depreciated or appreciated to a significant extent, so long as, and to the extent that, such currency shall not have been initially disbursed or exchanged for the currency of another member. The provisions of Article IV, Section 2(a) and (b) have by agreement been extended to cover additional subscriptions and contributions of IDA through the Third Replenishment, but are not applicable to those of the Fourth and subsequent replenishments.

The Executive Directors decided on June 30, 1987 that settlements of maintenance of value, which would result from the resolution of the valuation issue on the basis of the 1974 SDR, would be deferred until the Executive Directors decide to resume such settlements. These amounts are shown as Deferred Amounts to Maintain Value of Currency Holdings and deducted from equity; any changes relate solely to translation adjustments.

# Nonnegotiable, Noninterest-bearing Demand Obligations on Account of Members' Subscriptions and Contributions

Payments on these instruments are due to IDA upon demand and these instruments are held in bank accounts in IDA's name. These instruments are carried and reported at face value as a reduction to equity on the Balance Sheet.

#### **Loans and Other Exposures**

In fulfilling its mission, IDA makes concessional and non-concessional loans to the poorest countries. These loans and other exposures (exposures) are made to, or guaranteed by, member governments or to the government of a territory of a member (except for loans which have been made to regional development institutions for the benefit of members or territories of members of IDA). In order to qualify for lending on IDA terms, a country's per capita income must be below a certain cut-off level (\$1,165 for the fiscal year ended June 30, 2018 and \$1,185 for the fiscal year ended June 30, 2017) and the country may have only limited or no access to IBRD lending.

Loans are carried in the financial statements at amortized cost, less an accumulated provision for loan losses, plus the deferred loan origination costs.

Commitment charges on the undisbursed balance of loans, are recognized in revenue as accrued.

Incremental direct costs associated with originating loans are capitalized and amortized over the life of the loans.

It is IDA's practice not to reschedule service charge, interest or principal payments on its loans or participate in debt rescheduling agreements with respect to its loans.

IDA considers all exposures in nonaccrual status to be impaired. It is the policy of IDA to place into nonaccrual status all loans and other exposures made to, or guaranteed by, a member or to the territory of a member if principal or charges with respect to any such loan and other exposures are overdue by more than six months, unless IDA's Management determines that the overdue amount will be collected in the immediate future. In addition, if loans by IBRD to a member government are placed into nonaccrual status, all loans and other exposures to that member will also be placed into nonaccrual status by IDA. On the date a member's loans and other exposures are placed into nonaccrual status, unpaid charges that had been accrued on loans are deducted from the revenue from loans of the current period.

Revenue on nonaccrual loans is included in the Statement of Income only to the extent that payments have actually been received by IDA. If collectability risk is considered to be particularly high at the time of arrears clearance, the member's loans and other exposures may not automatically emerge from nonaccrual status, even though the member's eligibility for new loans may have been restored. In such instances, a decision on the restoration of accrual status is made on a case-by-case basis after a suitable period of payment or policy performance has passed from the time of arrears clearance.

The repayment obligations of loans funded from resources through the Fifth Replenishment are expressed in the loan agreements in terms of 1960 dollars. In June 1987, the Executive Directors decided to value those loans at the rate of \$1.20635 per 1960 dollar on a permanent basis. Loans funded from resources provided under the Sixth Replenishment and thereafter are denominated in SDRs, with the exception of loans provided under the Single Currency Lending program, which allows IDA recipients to denominate new IDA loans in one of the five constituent currencies of the SDR basket.

#### **Buy-down of Loans**

The Investment Partnership for Polio program to fund the immunization of children in high-risk polio countries has a funding mechanism that allows the purchase of oral vaccines from the proceeds of loans, which are subsequently converted to grant terms under the "buy-down mechanism", upon attainment of agreed performance goals.

Pursuant to the applicable buy-down terms, IDA enters into an arrangement with third party donors who make payments on the borrower's service and commitment charges through a trust fund, until the borrower reaches agreed performance goals. At that time, the trust fund buys down the related loans for an amount equivalent to the present value of the remaining cash flows of the related loans, based on appropriate discount rates. The trust fund subsequently cancels the purchased loans, thereby converting them to grant terms.

IDA records a provision for losses on loans equivalent to the difference between the carrying amount of the loans to be bought down and the estimated amount to be received, when all performance goals as well as conditions necessary to effect the buy-down have been completed. The provision is recorded as a reduction of disbursed and outstanding loans under the accumulated provision for losses on loans and other exposures, and as a corresponding expense. Upon purchase of the loans, the applicable portion of the loans will be written off and the related accumulated provision for losses on loans and other exposures will be reduced accordingly.

# **Development Grants**

Development grants are recorded as an expense, and a liability is recognized, upon approval of the development grant by the Executive Directors.

Commitment charges on the undisbursed balance of development grants, are recognized in revenue as earned.

## **Project Preparation Advances**

Project Preparation Advances (PPAs) are advances made to borrowers to finance project preparation costs pending the approval of follow-on development operations. If approved under grant terms, these amounts are charged to expenses upon approval by Management. To the extent there are follow-on loans or grants, these PPAs are refinanced out of the proceeds of the loans and grants. Accordingly, the PPA grant amounts initially charged to expense are reversed upon approval of the follow-on development grants or loans.

#### Guarantees

Financial guarantees are commitments issued by IDA to guarantee payment performance by a borrowing member country to a third party in the event that a member government (or government-owned entity) fails to perform its contractual obligations with respect to a private project.

Guarantees are regarded as outstanding when the underlying financial obligation of the borrower is incurred, and called when a guaranteed party demands payment under the guarantee. IDA would be required to perform under its guarantees if the payments guaranteed are not made by the borrower and the guaranteed party called the guarantee by demanding payment from IDA in accordance with the terms of the guarantee.

For guarantees, at inception of the guarantees, IDA records the fair value of the obligation to stand ready and a corresponding asset, included in Accounts payable and miscellaneous liabilities and Other Assets, respectively, on the Balance Sheet.

In the event that a sovereign guarantee is called, IDA has the contractual right to require payment from the member country that has provided the counter guarantee to IDA, on demand, or as IDA may otherwise direct.

Up-front guarantee fees received are deferred and amortized over the life of the guarantee.

IDA records a contingent liability for the probable losses related to guarantees outstanding. This provision, as well as the unamortized balance of the deferred guarantee fees, and the unamortized balance of the obligation to stand ready, are included in Accounts payable and miscellaneous liabilities on the Balance Sheet.

## **HIPC Debt Initiative**

The HIPC Debt Initiative was launched in 1996 as a joint effort by bilateral and multilateral creditors to ensure that reform efforts of HIPCs would not be put at risk by unsustainable external debt burdens.

Under the Enhanced HIPC Framework, implementation mechanisms include: (i) partial forgiveness of IDA debt service as it comes due, and ii) in the case of countries with a substantial amount of outstanding IBRD debt, partial repayment with IDA resources (excluding transfers from IBRD) of outstanding IBRD debt.

Upon signature by IDA of the country specific legal notification, immediately following the decision by the Executive Directors of IDA to provide debt relief to the country (the Decision Point), the country becomes eligible for debt relief up to the nominal value equivalent of one third of the net present value of the total HIPC debt relief committed to the specific country. A Completion Point is reached when the conditions specified in the legal notification are met and the country's other creditors have confirmed their full participation in the debt relief initiative. When the country reaches its Completion Point, IDA's commitment to provide the total debt relief for which the country is eligible, becomes irrevocable. IDA's provisioning policy for the HIPC Debt Initiative is discussed below.

Donors compensate IDA on a "pay-as-you-go" basis to finance IDA's forgone loan reflows (principal and service charge repayments) under the HIPC Debt Initiative. This means that for the debt relief provided by writing off the principal and charges during a replenishment, the donors compensate IDA for the forgone reflows through additional contributions in the relevant replenishment. These additional resources are accounted for as subscriptions and contributions because they carry voting rights.

#### **MDRI**

Debt relief provided under the MDRI, which is characterized by the write-off of eligible loans upon qualifying borrowers reaching the HIPC Completion Point date, is in addition to existing debt relief commitments provided by IDA and other creditors under the HIPC Debt Initiative. When a country reaches Completion Point, the applicable loans are written off. This write-off occurs at the beginning of the quarterly period following the date on which the country reaches Completion Point. For forgone repayments under MDRI, donors established a separate MDRI replenishment spanning fiscal years 2007 through 2044 and pledged to compensate IDA for the costs of providing debt relief under MDRI on a "dollar-for-dollar" basis. These additional resources are accounted for as subscriptions and contributions.

# Accumulated Provision for Losses on Loans and Other Exposures

The accumulated provision for losses on loans and other exposures also includes the accumulated provision for HIPC Debt Initiative and MDRI.

#### HIPC Debt Initiative and MDRI

The adequacy of the accumulated provision for the HIPC Debt Initiative and MDRI is based on both quantitative and qualitative analyses of various factors, including estimates of decision and completion point dates. IDA periodically reviews these factors and reassesses the adequacy of the accumulated provision for the HIPC Debt Initiative and MDRI. Adjustments to the accumulated provision are recorded as a charge to or release of provision in the Statement of Income.

Upon approval by the Executive Directors of IDA of debt relief for a country under the Enhanced HIPC Initiative, the principal component of the estimated debt relief costs is recorded as a reduction of the disbursed and outstanding loans under the accumulated provision for losses, and as a charge to the Statement of Income. This estimate is subject to periodic revision. The accumulated provision for HIPC Debt Initiative is written off as and when debt relief is provided.

Following the Executive Directors' approval of IDA's participation in the MDRI in June 2006, IDA fully provided for the estimated probable write-off of the principal component of debt relief to be delivered under the MDRI for the HIPC eligible countries confirmed by the Executive Directors as eligible for relief at that time.

The provision is recorded as a reduction of the disbursed and outstanding loans under the accumulated provision for losses and as a charge to expenses. The applicable loans are written off when the country reaches the Completion Point and the related provision reduced accordingly.

## Loans and Other Exposures

Delays in receiving loan payments result in present value losses since IDA does not charge fees or additional interest on any overdue service charges or interest. These present value losses are equal to the difference between the present value of payments of service charges, interest and other charges made according to the related loan's contractual terms and the present value of its expected future cash flows. Except for debt relief provided under the HIPC Debt Initiative and MDRI, and any provision for losses under the mechanism to buy-down loans, it is IDA's practice not to write off its loans. To date, no loans have been written off, other than under the HIPC Debt Initiative, MDRI and the buy-down mechanism. Notwithstanding IDA's historical experience, the risk of losses associated with nonpayment of principal amounts due is included in the accumulated provision for losses on loans and other exposures. Other exposures include irrevocable commitments, guarantees and repaying project preparation facilities.

Management determines the appropriate level of the accumulated provision for losses, which reflects the probable losses inherent in IDA's exposures. Probable losses comprise estimates of losses arising from default and non payment of principal amounts due, as well as present value losses due to delay in receiving payments when compared to the schedule of payments.

Several steps are taken to determine the appropriate level of provision. First, the exposures are disaggregated into two groups: exposures in accrual status and exposures in nonaccrual status. In each group, the net exposures for each borrower (defined as the nominal amount of loans disbursed and outstanding less the accumulated provision for loss under the HIPC Debt Relief Initiative, MDRI and the buy-down mechanism, plus other applicable exposures) are then assigned the credit risk rating of that borrower. With respect to countries with exposures in accrual status, these exposures are grouped according to the assigned borrower risk rating. The determination of borrowers' ratings is based on both quantitative and qualitative factors. Countries are rated using IDA's internal comprehensive credit

risk rating methodology. Second, each risk rating is mapped to an expected default frequency (probability of default) based on historical experience. Finally, the provision required is calculated by multiplying the net exposures by the expected default frequency and by the assumed severity of loss given default. The severity of loss given default, which is assessed annually, is dependent on the borrower's eligibility, namely: IDA, Blend (IBRD and IDA) and IBRD, with the highest severity associated with IDA. Borrower's eligibility is assessed at least annually. IDA reassesses the adequacy of the accumulated provision and the reasonableness of the inputs used, on a periodic basis, at least annually, and adjustments to the accumulated provision are recorded as a charge to or release of provision in the Statement of Income. This methodology is also applied to countries with exposures in nonaccrual status, however, at times, to reflect certain distinguishing circumstances of a particular nonaccrual situation, Management may use different input assumptions for a particular country. In light of the IDA18 replenishment which commenced on July 1, 2017, IDA's management completed a review of the credit risk rating methodology used for IDA's loan loss provisioning. The review resulted in a refinement of the rating methodology, consisting of the adoption of a more granular scale at the lower end of the ratings spectrum. The impact of this refinement is disclosed in Note F – Loans and Other Exposures.

When a member country prepays its outstanding loans, it may receive a discount equivalent to the difference between the outstanding carrying amount and the present value of the remaining cash flows. In such instances, IDA records a provision for losses on loans equivalent to the discount provided, at the time when the prepayment terms are agreed between IDA and the member country.

#### **Statement of Cash Flows**

For the purpose of IDA's Statement of Cash Flows, cash is defined as the amount of Unrestricted cash Due from Banks.

#### **Investments**

Investment securities are classified based on Management's intention on the date of purchase, their nature, and IDA's policies governing the level and use of such investments. Until June 30, 2014, all investment securities were held in a trading portfolio. During the year ended June 30, 2015, IDA also purchased a security from IFC which is held in a non-trading portfolio. While IDA does not plan to sell the security, IDA elected to measure it at fair value, so that all its investment securities would be measured on the same basis. All investment securities and related financial instruments held by IDA are carried and reported at fair value, or at face value, which approximates fair value. Where available, quoted market prices are used to determine the fair value of trading securities. Examples include most government and agency securities, Asset-backed Securities (ABS), Mortgage-backed Securities To-Be-Announced (TBA securities) and futures contracts. For instruments for which market quotations are not available, fair values are determined using model-based valuation techniques, whether internally generated or vendor-supplied, that include the standard discounted cash flow method using market observable inputs such as yield curves, credit spreads, and constant prepayment rates. Where applicable, unobservable inputs such as constant prepayment rates, probability of default and loss severity are used. Unless quoted prices are available, time deposits are reported at face value, which approximates fair value, as they are short-term in nature. The first-in first-out method is used to determine the cost of securities sold in computing the realized gains and losses on these instruments. Unrealized mark-to-market gains and losses for investment securities and related financial instruments held in the investment portfolio are included in the Statement of Income. Interest revenue, including amortization of the premium and discount arising at acquisition, are included in the Statement of Income.

IDA may require collateral in the form of approved liquid securities from individual counterparties or cash, under legal agreements that provide for collateralization, in order to mitigate its credit exposure to these counterparties. For collateral received in the form of cash from counterparties, IDA records the cash and a corresponding obligation to return the cash. Collateral received in the form of liquid securities is only recorded on IDA's Balance Sheet to the extent that it has been transferred under securities lending agreements in return for cash. IDA does not offset the fair value amounts recognized for derivative instruments that have been executed with the same counterparty under master netting agreements; as a result, the fair value amounts recognized for the obligation to return cash collateral received from counterparties are not offset with the fair value amounts recognized for the related derivative instruments.

# Securities Purchased Under Resale Agreements, Securities Sold Under Repurchase Agreements, Securities Lent Under Securities Lending Agreements and Payable for Cash Collateral Received

Securities purchased under resale agreements, securities sold under repurchase agreements and securities lent under securities lending agreements are recorded at face value, which approximates fair value, as they are short term in nature. IDA receives securities purchased under resale agreements, monitors the fair value of the securities and, if necessary, closes out transactions and enters into new repriced transactions. The securities transferred to counterparties under the repurchase and security lending arrangements and the securities transferred to IDA under the resale agreements have not met the accounting criteria for treatment as a sale. Therefore, securities transferred under repurchase agreements and security lending arrangements are retained as assets on the Balance Sheet, and securities received under resale agreements are not recorded on the Balance Sheet. Securities lent under securities lending agreements and sold under securities repurchase agreements as well as securities purchased under resale agreements are presented on a gross basis, which is consistent with the manner in which these instruments are settled. The interest earned with respect to securities purchased under resale agreements is included in Investments, net, line in the Statement of Income. The interest expense pertaining to the securities sold under repurchase agreements and security lending arrangements, is included in Borrowings, net line in the Statement of Income.

## **Borrowings**

IDA introduced long term borrowings through concessional partner loans for the first time under IDA17, which commenced on July 1, 2014. The borrowing terms of the concessional partner loans aim to match the concessional features of IDA's loans. These borrowings are unsecured and unsubordinated fixed rate debt in SDR component currencies. IDA may prepay some or the entire outstanding amounts without penalty. These borrowings are carried and reported at amortized cost.

Starting with IDA18, IDA commenced issuing debt instruments in the capital markets. IDA has elected to adopt the fair value option for all such instruments. Changes in fair value have been recognized in the related Unrealized mark-to-market gains and losses on non-trading portfolios, net, line in the Statement of Income for the period ending June 30, 2018. Since the fair value option has been elected for these instruments, starting in the quarter ending September 30, 2018, changes in the portion of the fair value that relate to IDA's own credit risk, will be reported in Other Comprehensive Income (OCI) (see Accounting and Reporting Developments for additional details).

Plain vanilla bonds and discount notes, if any, are valued using the standard discounted cash flow method which relies on market observable inputs such as yield curves, foreign exchange rates, basis spreads and funding spreads. Where available, quoted market prices are used to determine the fair value of short-term notes, if any.

For the purpose of the Statement of Cash Flows, new issuances and retirements pertaining to short term borrowings, if any, which have maturities of less than 90 days, are presented on a net basis. In contrast, short term borrowings which have maturities greater than 90 days are presented on a gross basis.

Interest expense relating to all debt instruments in IDA's borrowing portfolio is measured on an effective yield basis and is reported as part of Borrowings, net in the Statement of Income.

For presentation purposes, amortization of discounts and premiums is also included in Borrowings, net in the Statement of Income.

#### **Accounting for Derivatives**

IDA has elected not to designate any hedging relationships for accounting purposes. Rather, all derivative instruments are marked to fair value on the Balance Sheet, with changes in fair value accounted for through the Statement of Income. The presentation of derivative instruments is consistent with the manner in which these instruments are settled. Currency swaps are settled on a gross basis, while interest rate swaps are settled on a net basis.

IDA uses derivative instruments in its investment trading portfolio to manage interest rate and currency risks. These derivatives are carried and reported at fair value. Interest revenue/(expenses) are reflected as part of Interest revenue, while unrealized mark-to-market gains and losses on these derivatives are reflected as part of the Unrealized mark-to-market gains (losses) on Investments-Trading portfolio, net line in the Statement of Income.

IDA also uses derivatives in its asset-liability management and borrowing portfolios. In the asset-liability management portfolio, currency forward contracts are used to manage foreign exchange fluctuation risks. In the borrowing portfolio, interest rate swaps are being used to modify the interest rate characteristics of this portfolio.

The interest component of these derivatives is recognized as an adjustment to the borrowing costs over the life of the derivative contracts and is included in Borrowings, net on the Statement of Income. Changes in fair values of these derivatives are accounted for through the Statement of Income as Unrealized mark-to-market gains and losses on non-trading portfolios, net.

For the purpose of the Statement of Cash Flows, IDA has elected to report the cash flows associated with the derivative instruments that are used to economically hedge its borrowings, in a manner consistent with the presentation of the borrowing-related cash flows.

Derivative contracts include currency forward contracts, TBA securities, swaptions, exchange traded options and futures contracts, currency swaps and interest rate swaps. Currency swaps and interest rate swaps are primarily plain vanilla instruments. Currency forward contracts and currency and interest rate swaps are valued using the standard discounted cash flow methods using market observable inputs such as yield curves, foreign exchange rates, basis spreads and funding spreads.

Most outstanding derivative positions are transacted over-the-counter and are therefore valued using internally developed valuation models. For commercial and non-commercial counterparties where IDA has a net exposure (net receivable position), IDA calculates a Credit Valuation Adjustment (CVA) to reflect credit risk. For net derivative positions with commercial and non-commercial counterparties where IDA is in a net payable position, IDA calculates a Debit Valuation Adjustment (DVA) to reflect its own credit risk. The CVA is calculated using the fair value of the derivative contracts, net of collateral received under credit support agreements, and the probability of counterparty default based on the CDS spread and, where applicable, proxy CDS spreads. The DVA calculation is generally consistent with the CVA methodology and incorporates IDA's own credit spread as observed through the CDS market.

#### Valuation of Financial Instruments

Derivative financial instruments and investment securities are recorded in the financial statements at fair value.

IDA has an established and documented process for determining fair values. Fair value is based upon quoted market prices for the same or similar securities, where available.

Financial instruments for which quoted market prices are not readily available are valued based on discounted cash flow models and other established valuation models. These models primarily use market-based or independently sourced market parameters such as yield curves, interest rates, volatilities, foreign exchange rates and credit curves, and may incorporate unobservable inputs. Selection of these inputs may involve some judgment. In instances where Management relies on instrument valuations supplied by external pricing vendors, there are procedures in place to validate the appropriateness of the models used as well as the inputs applied in determining those values.

To ensure that the valuations are appropriate where internally-developed models are used, IDA has various internal controls in place.

As of June 30, 2018 and June 30, 2017, IDA had no financial assets or liabilities measured at fair value on a non-recurring basis.

## Fair Value Hierarchy

Financial instruments are categorized based on the priority of the inputs to the valuation technique. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1), the next highest priority to observable market-based inputs or inputs that are corroborated by market data (Level 2) and the lowest priority to unobservable inputs that are not corroborated by market data (Level 3).

Financial assets and liabilities recorded at fair value on the Balance Sheet are categorized based on the inputs to the valuation techniques as follows:

Level 1: Financial assets and liabilities whose values are based on unadjusted quoted prices for identical assets or liabilities in active markets.

Level 2: Financial assets and liabilities whose values are based on quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in non-active markets; or pricing models for which all significant inputs are observable, either directly or indirectly 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 and significant to the overall fair value measurement.

IDA's policy is to recognize transfers in and transfers out of levels as of the end of the reporting period in which they occur.

#### **Accounting for Contributions to Special Programs**

IDA recognizes an expense for Contributions to Special Programs, when incurred.

#### **Transfers**

Transfers from IBRD's net income and grants made from the retained earnings of IFC to IDA are recorded through the Statement of Income and as a receivable on the Balance Sheet upon approval by the Board of Governors of IBRD and upon execution of a grant agreement between IFC and IDA, respectively. In addition, IDA periodically receives transfers from trust funds and private institutions. IDA does not assign any voting rights for these transfers and grants.

Temporary restrictions relating to these transfers may arise from the timing of receipt of cash, or donor imposed restrictions as to use. When the cash is received and any other restrictions on the transfers and grants are complied with, the temporary restrictions are removed.

## **Donor Contributions to Trust Funds**

For those IDA-executed trust funds where IDA acts as an intermediary agent, undisbursed third party donor contributions are recorded as assets held on behalf of the specified beneficiaries, with corresponding liabilities. Amounts disbursed from these trust funds are recorded as expenses with the corresponding amounts recognized as revenue. For Recipient-executed trust funds, since IDA acts as a trustee, no assets or liabilities relating to these activities are recorded on the Balance Sheet.

In some trust funds, execution is split between Recipient-executed and IDA-executed portions. Decisions on assignment of funding resources between the two types of execution may be made on an ongoing basis therefore, the execution of a portion of these available resources may not yet be assigned.

IDA also acts as a financial intermediary to provide specific administrative or financial services with a limited fiduciary or operational role. These arrangements, referred to as Financial Intermediary Funds, include, for example, administration of debt service trust funds, financial intermediation and other more specialized limited fund management roles. For these arrangements, funds are held and disbursed in accordance with instructions from donors or, in some cases, an external governance structure or a body operating on behalf of donors. For Financial Intermediary Funds, since IDA acts as a trustee, no assets or liabilities relating to these activities are recorded on IDA's Balance Sheet.

# **Accounting and Reporting Developments**

#### **Evaluated Accounting Standards:**

In May 2014, the Financial Accounting Standards Board (FASB) issued ASU 2014-09, *Revenue from Contracts with Customers (Topic 606)* and subsequent amendments in 2015 and 2016. The ASUs provide a common framework for revenue recognition for U.S. GAAP and supersede most of the existing revenue recognition guidance in U.S. GAAP. The core principle of the guidance is that an entity recognizes revenue when it transfers control of promised goods and services to customers in an amount that reflects consideration to which the entity expects to be entitled. For IDA, the ASU became effective on July 1, 2018.

IDA primarily earns revenue from financial instruments that are not within the scope of the ASU. In addition, IDA does not have contractual arrangements which result in revenue sources that would ordinarily be within the scope of this ASU since it has a revenue sharing arrangement with IBRD.

In January 2016, the FASB issued ASU 2016-01, Financial Instruments—Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities. The ASU makes targeted amendments to existing guidance on recognition and measurement of financial instruments that primarily affect the accounting for equity investments, financial liabilities under the fair value option, and the presentation and disclosure requirements for financial instruments. The new guidance requires that changes in the fair value of financial liabilities measured under the fair value option that are attributable to instrument-specific credit risk are reported in OCI. IDA adopted

the ASU on July 1, 2018. Starting July 1, 2018, changes in the fair value of IDA's financial liabilities that relate to IDA's own credit risk will be recognized in OCI as a *Debit Valuation Adjustment (DVA) on Fair Value Option Elected Liabilities*. The *DVA on Fair Value Option Elected Liabilities* will be measured by revaluing each liability to determine the changes in fair value of that liability arising from changes in IDA's cost of funding relative to LIBOR. IDA estimates that on July 1, 2018, the transition adjustment reclassifying the amounts previously included in retained earnings to AOCI would be immaterial.

In August 2016, the FASB issued ASU 2016-15, *Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments*. The ASU provides classification guidance on eight specific cash flow classification issues for which current U.S. GAAP does not provide guidance. For IDA, the ASU is expected to be effective from the quarter ending September 30, 2018. IDA has evaluated the ASU and its impact will be limited to the reclassification of certain items on the Statement of Cash Flows, with no net impact on the financial statements.

In November 2016, the FASB issued ASU 2016-18, *Statement of Cash Flows (Topic 230): Restricted cash.* The ASU requires that the amounts of restricted cash and cash equivalents are included in the total of cash and cash equivalents at the beginning and end of the period in the Statement of Cash Flows. For IDA, the ASU will be effective from the quarter ending September 30, 2018. IDA has evaluated the ASU and determined that there will be no material impact on its financial statements.

#### Accounting Standards Under Evaluation:

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments.* The ASU introduces a new model for the accounting of credit losses of loans and other financial assets measured at amortized cost. Current U.S. GAAP requires an "incurred loss" methodology for recognizing credit losses. The new model, referred to as the current expected credit losses (CECL) model, requires an entity to estimate the credit losses expected over the life of an exposure, considering historical information, current information, and reasonable and supportable forecasts. Additionally, the ASU requires enhanced disclosures about credit quality and significant estimates and judgments used in estimating credit losses. For IDA, the ASU is expected to be effective beginning from the quarter ending September 30, 2020, with early adoption permitted. IDA is currently evaluating the impact of the ASU on its accumulated provision for losses on loans.

In June 2018, the FASB issued ASU 2018-8 – *Not-For-Profit Entities (Topic 958): Clarifying the Scope and the Accounting Guidance for Contributions Received and Contributions Made.* The ASU, which applies to all entities that receive or make contributions, clarifies and improves current guidance about whether a transfer of assets should be accounted for as a contribution or an exchange transaction, and provides additional guidance about how to determine whether a contribution is conditional. The ASU will be effective from the quarter ending September 30, 2018 for contributions received and from the quarter ending September 30, 2019 for contributions made. IDA is currently evaluating the impact of the ASU on its financial statements.

## NOTE B-MEMBERS' SUBSCRIPTIONS AND CONTRIBUTIONS, AND MEMBERSHIP

*Subscriptions and Contributions Paid-In:* The movement in subscriptions and contributions paid-in during the fiscal years ended June 30, 2018 and June 30, 2017, is summarized below:

In millions	of	U.S.	dollars

	J <u>.</u>	ine 30, 2018	Ju	ine 30, 2017
Beginning of the fiscal year	\$	215,403	\$	208,430
Cash contributions received <sup>a</sup>		4,849		2,963
Demand obligations received		5,171		4,014
Translation adjustment		38		(4)
End of the fiscal year	\$	225,461	\$	215,403

a. Includes any restricted cash subscriptions.

During the fiscal year ended June 30, 2018, IDA encashed demand obligations totaling \$4,486 million (\$3,930 million—fiscal year ended June 30, 2017).

#### NOTE C-INVESTMENTS

#### Overview

The investment securities held by IDA are designated as either trading or non-trading. These securities are carried and reported at fair value, or at face value, which approximates fair value.

As of June 30, 2018, the majority of IDA's Investments comprised government and agency obligations (77%), with all the instruments being classified as either Level 1 or Level 2 within the fair value hierarchy. Japanese instruments represented the largest holding of a single counterparty, and amounted to 20% of Investments-Trading.

In addition, as of June 30, 2018, the majority of the instruments were denominated in USD (36%), EUR (24%), JPY (20%), RMB (7%) and GBP (8%). IDA uses derivative instruments to align the currency composition of the investment portfolio to the SDR basket of currencies and to manage other currency and interest rate risks in the portfolio. After considering the effects of these derivatives, the investment portfolio had an average repricing of 2.65 years and the following currency composition: USD (40%), EUR (26%), JPY (14%), RMB (11%) and GBP (9%). The credit quality of IDA's investment portfolio remains concentrated in the upper end of the credit spectrum with 59% of the portfolio rated AA and above as of June 30, 2018, reflecting IDA's continued preference for highly rated securities and counterparties across all categories of financial instruments.

#### **Investments**

A summary of IDA's Investments and the currency composition as of June 30, 2018 and June 30, 2017, is as follows:

	ln n	nillions	of U	ı.S.	dollars
--	------	----------	------	------	---------

	Ju	ıne 30, 2018	J	une 30, 2017
Trading				
Government and agency obligations	\$	27,702	\$	25,341
Time deposits		6,875		4,783
Asset-backed securities (ABS)		667		705
	\$	35,244	\$	30,829
Non-trading (at fair value)				
Debt securities		812		960
Total	\$	36,056	\$	31,789

The following table summarizes the currency composition of IDA's Investment as of June 30, 2018 and June 30, 2017:

In millions of U.S. dollars

		June 30, 2018				June 30, 2017				
	Cai	rying Value		ge Repricing /ears) <sup>a</sup>	Car	rrying Value		age Repricing years) <sup>a</sup>		
Chinese Renminbi	\$	2,455	\$	2.92	\$	2,866	\$	2.97		
Euro		8,614		2.01		9,190		2.35		
Japanese yen		7,137		0.71		4,135		1.38		
Pound sterling		2,899		1.63		1,786		3.01		
U.S. dollar		13,130		4.26		12,101		5.50		
Other		1,821		0.53		1,711		0.64		
Total	\$	36,056	\$	2.51	\$	31,789	\$	3.40		

a. The average repricing represents the remaining period to the contractual repricing or maturity date, whichever is earlier. This indicates the average length of time for which interest rates are fixed.

# **Net Investment Portfolio**

IDA manages its investments on a net portfolio basis. The following table summarizes IDA's net portfolio position as of June 30, 2018 and June 30, 2017:

In millions of U.S. dollars

	Jur	ne 30, 2018	June 30, 2017		
Investments					
Trading	\$	35,244	\$	30,829	
Non-trading (at fair value)		812		960	
Total		36,056		31,789	
Securities purchased under resale agreements		19		244	
Securities sold under repurchase agreements, securities lent under securities lending agreements, and payable for cash collateral received		(2,543)		(2,560)	
Derivative assets		(2,040)		(2,000)	
Currency forward contracts		3,789		803	
Currency swaps		2,401		3,513	
Interest rate swaps		6		*	
Swaptions, exchange traded options and futures contracts		*		1	
Other <sup>a</sup>		2		1	
Total		6,198		4,318	
Derivative liabilities					
Currency forward contracts		(3,771)		(819)	
Currency swaps		(2,417)		(3,689)	
Interest rate swaps		(10)		(8)	
Swaptions, exchange traded options and futures contracts		`(*)		(5)	
Other <sup>a</sup>		(*)		(2)	
Total		(6,198)		(4,523)	
Cash held in investment portfolio <sup>b</sup>		482		421	
Receivable from investment securities traded		277		527	
Payable for investment securities purchased		(556)		(543)	
Net Investment Portfolio	\$	33,735	\$	29,673	

a. These relate to To-Be-Announced (TBA) Securities.

The following table summarizes the currency composition of IDA's Net Investment Portfolio as of June 30, 2018 and June 30, 2017:

		June 30, 2018			June 30, 2017				
	Carr	ying Value	Average Repricing (years) <sup>a</sup>	Carryin	g Value	Average Repricing (years) <sup>a</sup>			
Chinese Renminbi	\$	3,632	2.02	\$	3,077	2.86			
Euro		8,624	2.04		7,270	2.95			
Japanese yen		4,809	0.89		3,522	1.44			
Pound sterling		3,071	1.53		1,967	2.71			
U.S. dollar		13,593	4.10		13,792	4.81			
Other		6	(0.94)		45	0.15			
Total	\$	33,735	2.65	\$	29,673	3.61			

a. The average repricing represents the remaining period to the contractual repricing or maturity date, whichever is earlier. This indicates the average length of time for which interest rates are fixed.

b. This amount is included in Unrestricted cash under Due from Banks on the Balance Sheet.

<sup>\*</sup> Indicates amount less than \$0.5 million.

IDA uses derivative instruments to manage currency and interest rate risk in the investment portfolio. For details regarding these instruments, see Note E—Derivative Instruments.

As of June 30, 2018, there were short sales totaling \$19 million (\$77 million—June 30, 2017) included in Payable for investment securities purchased on the Balance Sheet. These are reported at fair value on a recurring basis.

#### **Fair Value Disclosures**

The following tables present IDA's fair value hierarchy for investment assets and liabilities measured at fair value on a recurring basis as of June 30, 2018 and June 30, 2017:

In millions of U.S. dollars		Fa	air Valu	e Measurem	ents on a	Recurring	Basis	
	As of June 30, 20					_		
		Level 1		Level 2		evel 3		Total
Assets:								
Investments—Trading								
Government and agency obligations	\$	12,541	\$	15,161	\$	-	\$	27,702
Time deposits		299		6,576		-		6,875
ABS				667		_		667
Total Investments—Trading		12,840		22,404		-		35,244
Investments—Non-trading (at fair value)		-		812		-		812
Securities purchased under resale agreements		-		19		-		19
Derivative assets								
Currency forward contracts		-		3,789		-		3,789
Currency swaps		-		2,401		-		2,401
Interest rate swaps		-		6		-		6
Swaptions, exchange traded options and futures contracts		-		*		-		*
Other <sup>a</sup>				2				2
Total Derivative assets—Investments		-		6,198		-		6,198
Total	\$	12,840	\$	29,433	\$	-	\$	42,273
Liabilities:								
Securities sold under repurchase agreements and								
securities lent under security lending agreements <sup>b</sup>	\$	_	\$	2,541	\$	_	\$	2,541
Derivative liabilities	Ψ		Ψ	2,011	Ψ		Ψ	2,011
Currency forward contracts		_		3,771		_		3,771
Currency swaps		_		2,417		_		2,417
Interest rate swaps		_		10		_		10
Swaptions, exchange traded options and futures contracts		-		*		_		*
Other <sup>a</sup>		<u>-</u>		*				*
Total Derivative liabilities—Investments		-		6,198	. '	-		6,198
Payable for investment securities purchased <sup>c</sup>		19		-				19
Total	\$	19	\$	8,739	\$	_	\$	8,758
	Ť			-,				- ,

a. These relate to TBA securities.

b. Excludes amount payable for cash collateral received relating to TBA securities (\$2 million).

c. These relate to short sales of investment securities.

<sup>\*</sup> Indicates amount less than \$0.5 million.

		Fair \		ents on a Recurring Basis				
				As of June				
		evel 1		_evel 2	Lev	rel 3		Total
Assets:								
Investments—Trading	•		•		•		•	
Government and agency obligations	\$	12,271	\$	13,070	\$	-	\$	25,341
Time deposits		165		4,618		-		4,783
ABS				705				705
Total Investments—Trading		12,436		18,393		-		30,829
Investments—Non-trading (at fair value)		-		960		-		960
Securities purchased under resale agreements		225		19		-		244
Derivative assets								
Currency forward contracts		-		803		-		803
Currency swaps		-		3,513		-		3,513
Interest rate swaps		-		*		-		*
Swaptions, exchange traded options and futures								
contracts		=		1		-		1
Other <sup>a</sup>				1				1 1
Total Derivative assets—Investments				4,318				4,318
Total	\$	12,661	\$	23,690	\$	-	\$	36,351
Liabilities:								
Securities sold under repurchase agreements and								
securities lent under security lending agreements <sup>b</sup> Derivative liabilities	\$	-	\$	2,560	\$	-	\$	2,560
Currency forward contracts		-		819		-		819
Currency swaps		-		3,689		-		3,689
Interest rate swaps		-		8		-		8
Swaptions, exchange traded options and futures								
contracts		4		1		-		5
Other <sup>a</sup>				2				2
Total Derivative liabilities—Investments		4		4,519		-		4,523
Payable for investment securities purchased °		19		58				77
Total	\$	23	\$	7,137	\$	-	\$	7,160

a. These relate to TBA securities.

As of June 30, 2018 and June 30, 2017, there were no securities transferred between Level 1 and Level 2 within the fair value hierarchy.

Presented below is the difference between the aggregate fair value and aggregate contractual principal balance of non-trading securities in the investment portfolio:

In millions of U.S. dollars

	_ Fai	r value	ncipal unt due	Diff	erence
June 30, 2018	\$	812	\$ 843	\$	(31)
June 30, 2017	\$	960	\$ 969	\$	(9)

b. Excludes amount payable for cash collateral received relating to TBA securities (less than \$0.5 million).

c. These relate to short sales of investment securities.

<sup>\*</sup> Indicates amount less than \$0.5 million.

The maturity structure of IDA's non-trading investment portfolio as of June 30, 2018 and June 30, 2017 was as follows:

In millions of U.S. dollars

Period	June 30, 2018	Jur	ne 30, 2017
Less than 1 year	\$ 122	\$	126
Between			
1 - 2 years	124		122
2 - 3 years	125		124
3 - 4 years	113		125
4 - 5 years	96		113
Thereafter	263		359
	<u>\$ 843 </u>	\$	969

#### **Commercial Credit Risk**

For the purpose of risk management, IDA is party to a variety of financial transactions, certain of which involve elements of credit risk. Credit risk exposure represents the maximum potential loss due to possible non performance by obligors and counterparties under the terms of the contracts. For all securities, IDA limits trading to a list of authorized dealers and counterparties. In addition, credit limits have been established for counterparties by type of instrument and maturity category.

**Swap Agreements:** Credit risk is mitigated through a credit approval process, volume limits, monitoring procedures and the use of mark-to-market collateral arrangements. IDA may require collateral in the form of cash or other approved liquid securities from individual counterparties to mitigate its credit exposure. As of June 30, 2018 and June 30, 2017, IDA had not received any cash or other collateral related to swap agreements.

IDA has entered into master derivative agreements, which contain legally enforceable close-out netting provisions. These agreements may further reduce the gross credit risk exposure related to the swaps. Credit risk with financial assets subject to a master derivative arrangement is further reduced under these agreements to the extent that payments and receipts with the counterparty are netted at settlement. The reduction in exposure as a result of these netting provisions can vary due to the impact of changes in market conditions on existing and new transactions. The extent of the reduction in exposure may, therefore change, substantially within a short period of time following the balance sheet date. For more information on netting and offsetting provisions, see Note E—Derivative Instruments.

**Securities Lending**: IDA may engage in securities lending and repurchases, against adequate collateral, as well as securities borrowing and reverse repurchases (resales) of government and agency obligations, and ABS.

These transactions have been conducted under legally enforceable master netting arrangements, which allow IDA to reduce its gross credit exposure related to these transactions. As of June 30, 2018, amounts which could potentially be offset as a result of legally enforceable master netting arrangements were \$19 million (\$225 million—June 30, 2017).

Transfers of securities by IDA to counterparties are not accounted for as sales as the accounting criteria for the treatment as a sale have not been met. Counterparties are permitted to repledge these securities until the repurchase date.

Securities lending agreements and repurchase agreements expose IDA to several risks, including counterparty risk, reinvestment risk, and risk of a collateral gap (increase or decrease in the fair value of collateral pledged). IDA has procedures in place to ensure that trading activity and balances under these agreements are below predefined counterparty and maturity limits, and to actively monitor net counterparty exposure, after collateral, through daily mark-to-market. Whenever the collateral pledged by IDA related to its borrowings under securities lending agreements and repurchase agreements declines in value, the transaction is re-priced as appropriate by returning cash or pledging additional collateral.

The following is a summary of the carrying amount of the securities transferred under repurchase or securities lending agreements, and the related liabilities:

	Jun	ne 30, 2018	Jun	e 30, 2017	Financial Statement Presentation
Securities transferred under repurchase or securities lending agreements	\$	2,321	\$	2,150	Included under Investments - Trading on the Balance Sheet
Liabilities relating to securities transferred under repurchase or securities lending agreements	\$	2,541	\$	2,560	Included under Securities Sold under Repurchase Agreements, Securities Lent under Securities Lending Agreements, and Payable for Cash Collateral Received on the Balance Sheet.

As of June 30, 2018, the liabilities relating to securities transferred under repurchase or securities lending agreements included \$226 million (\$388 million—June 30, 2017) of repurchase agreement trades that had not settled at that date. Of this amount, \$202 million represented replacement trades entered into in anticipation of maturing trades of a similar amount (\$368 million—June 30, 2017).

The following tables present the disaggregation of the gross obligation by class of collateral pledged and the remaining contractual maturities for repurchase agreements or securities lending transactions that are accounted for as secured borrowings:

In millions	of I	10	dallara
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			As of .	June 30, 201	8				
	Remaining contractual maturity of the agreements								
		ernight and entinuous	Up t	o 30 days		Total			
Repurchase or Securities Lending agreements Government and agency obligations	\$	1,853	\$	688	\$	2,541			
Total liabilities for Securities sold under repurchase agreements and Securities Lent under Securities Lending Agreements	\$	1,853	\$	688	\$	2,541			
In millions of U.S. dollars			As of Ju	ne 30, 2017					
	-	Remaining co			ne agreem	ents			
	Overnight and continuous		11- 1	- 20 days	Total				
		ntinuous	Up t	o 30 days		Total			
Repurchase or Securities Lending agreements Government and agency obligations	\$	1,699	\$	861	\$	<i>Total</i> 2,560			

In the case of resale agreements, IDA received collateral in the form of liquid securities and is permitted to repledge these securities. While these transactions are legally considered to be true purchases and sales, the securities received are not recorded on IDA's balance sheet as the accounting criteria for treatment as a sale have not been met. As of June 30, 2018 and June 30, 2017, none of the securities purchased under resale agreements remained unsettled on that date. For the securities purchased under resale agreements, IDA received securities with a fair value of \$19 million (\$244 million—June 30, 2017). Out of this amount, no securities had been transferred under repurchase or securities lending agreements (Nil—June 30, 2017).

## **NOTE D—BORROWINGS**

Until the fiscal year ended June 30, 2017, IDA's borrowings comprised only concessional partner loans made by IDA members. These borrowings are unsecured and unsubordinated fixed rate debt in SDR component currencies. IDA may prepay some or the entire outstanding amounts without penalty. These borrowings are carried and reported at amortized cost, and have original maturities of 25 and 40 years, with the final maturity being 2058. This does not include the effect of the amounts relating to proceeds received under the grant component of the concessional partner loan agreements, for which voting rights have been received. These amounts are reflected in equity.

In millions of U.S dollars

		Concessional Partner Loans outstanding									
June 30, 2018	Princip	al at face value		t unamortized nium (discount)	Total						
	\$	7,461	\$	(1,650)	\$	5,811					
June 30, 2017	\$	4,392	\$	(732)	\$	3,660					

On April 17, 2018, for the first time, IDA issued a bond in the international capital markets. This bond has a notional principal value of \$1.5 billion and carries a fixed interest rate of 2.75%. It is denominated in USD and has a tenor of 5 years maturing in 2023. IDA has elected the fair value option for this instrument. As part of IDA's asset-liability management strategy, IDA also entered into derivative transactions to convert the fixed-rate bond into a floating-rate instrument.

As of June 30, 2018, all of the instruments in IDA's borrowing portfolio were classified as Level 2, within the fair value hierarchy. In addition, these instruments were denominated in USD, JPY, GBP and EUR (36%, 31%, 19% and 14% respectively).

For details regarding the derivatives used in the borrowing portfolio, see Note E—Derivative Instruments.

The following table provides a summary of the interest rate characteristics of IDA's borrowings at June 30, 2018 and June 30, 2017:

In millions of U.S. dollars

	Jui	ne 30, 2018	WAC <sup>a</sup> (%	6)	Ju	ıne 30, 2017	W	WAC a (%)		
Fixed	\$	7,308	2.31	%	\$	3,660		2.46	%	
Variable		-	-			-				
Borrowings <sup>b</sup>	\$	7,308	2.31	%	\$	3,660		2.46	%	
Fair Value Adjustment		(3)				-				
Total Borrowings	\$	7,305			\$	3,660				

a. WAC refers to weighted average cost.

At June 30, 2018 and June 30, 2017, the currency composition of debt in IDA's borrowing portfolio before derivatives was as follows:

	June 30, 2018	June 30, 2017
Euro	14 %	10 %
Japanese Yen	31	39
Pound Sterling	19	21
U.S. Dollar	36	30
	100 %	100 %

b. At amortized cost.

The maturity structure of IDA's borrowings outstanding as of June 30, 2018 and June 30, 2017 was as follows:

In millions of U.S. dollars

Period	Jul	June 30, 2018			
Between					
1 - 2 years	\$	44	\$	-	
2 - 3 years		113		44	
3 - 4 years		124		112	
4 - 5 years		1,630		123	
Thereafter		7,044	_	4,113	
Total <sup>a</sup>	\$	8,955	\$	4,392	

a. For June 30, 2018, total includes net unamortized discount of \$1,650 million (\$732 million—June 30, 2017) for Concessional Partner Loans.

#### Fair Value Disclosures

The table below presents the fair value of IDA's borrowings for disclosure purposes, along with their respective carrying amounts as of June 30, 2018 and June 30, 2017:

In millions of U.S. dollars

		June	30, 201	8		June 30, 2017			
	Cari	ying Value	F	air Value	Car	rying Value	Fair Value		
Concessional partner loans Market borrowings		5,811 1,494	\$	6,660 1,494	\$	3,660	\$	4,175 -	
-	\$	7,305	\$	8,154	\$	3,660	\$	4,175	

The following table provides information on the unrealized mark-to-market gains or losses included in the Statement of Income for the fiscal years ended June 30, 2018, June 30, 2017, and June 30, 2016 relating to IDA's borrowings held at June 30, 2018, June 30, 2017 and June 30, 2016 as well as where those amounts are included in the Statement of Income:

In millions of U.S. dollars

Unrealized mark-to-market gains (losses)	 2018	 2017	 2016		
Statement of Income					
Unrealized mark-to-market gains (losses) on non-trading portfolios, net	\$ 3	\$ -	\$ -		

Presented below is the difference between the aggregate fair value and aggregate contractual principal balance of borrowings:

		Principal Due Upon										
	Fai	N	<i>laturity</i>	Difference								
June 30, 2018	\$	8,154	\$	8,961	\$	(807)						
June 30, 2017	\$	4,175	\$	4,392	\$	(217)						

## **NOTE E—DERIVATIVE INSTRUMENTS**

IDA uses derivative instruments in its investment portfolio to manage currency and interest rate risks, for asset-liability management purposes, and to assist clients in managing risks.

The following table summarizes IDA's use of derivatives in its various financial portfolios.

Portfolio	Derivative instruments used	Purpose/Risk being managed
Risk management purposes:		
Investments—Trading	Interest rate swaps, currency forward contracts, currency swaps, options, swaptions, futures contracts, and TBA securities	Manage currency and interest rate risk in the portfolio.
Other assets/liabilities	Currency forward contracts, currency swaps and interest rate swaps	Manage foreign exchange and interest rate risks.
Borrowings	Interest rate swaps	Manage interest rate risk in the portfolio.
Other purposes:		
Client operations	Structured swaps	Assist clients in managing risks.
55 5p5		, toolor choine in managing note.

The presentation of IDA's derivatives is based on the manner in which they are settled. Interest rate swaps are settled on a net basis and are therefore presented on a net basis. Currency swaps are settled on a gross basis and are therefore presented on a gross basis.

The following table provides information on the fair value amounts and the location of the derivative instruments on the Balance Sheet as of June 30, 2018 and June 30, 2017:

In millions of U.S. dollars

	Balance Sheet Location											
		Derivati	ve ass	sets		Derivativ	e liabili	ities				
		e 30, 2018	Jun	e 30, 2017	Jun	ne 30, 2018	Jun	e 30, 2017				
Derivatives not designated as hedging instruments												
Currency forward contracts	\$	19,496	\$	20,328	\$	19,506	\$	20,369				
Currency swaps		2,409		3,513		2,426		3,689				
Swaptions, exchange traded options and futures contracts		*		1		*		5				
Interest rate swaps		7		*		26		8				
Other <sup>a</sup>		2		1		*		2				
Total Derivatives	\$	21,914	\$	23,843	\$	21,958	\$	24,073				

a. These relate to TBA securities.

#### Offsetting assets and liabilities

IDA enters into International Swaps and Derivatives Association, Inc. (ISDA) master netting agreements with substantially all of its derivative counterparties. These legally enforceable master netting agreements give IDA the right to liquidate securities held as collateral and to offset receivables and payables with the same counterparty, in the event of default by the counterparty.

The following tables summarize information on derivative assets and liabilities (before and after netting adjustments) that are reflected on IDA's Balance Sheet as of June 30, 2018 and June 30, 2017. The effects of legally enforceable master netting agreements are applied on an aggregate basis to the total derivative asset and liability positions. The net derivative asset positions have been further reduced by the cash and securities collateral received.

<sup>\*</sup> Indicates amount less than \$0.5 million.

						June 3	0, 20	18				
					Loc	ated on the	Bala	nce Sheet				
		De	erivat	tive Asse	ts		Derivative Liabilities					
		Gross Amounts Recognized		Gross Amounts Offset		Net Amounts Presented		Gross Amounts Recognized		Gross Amounts Offset		Net Amounts resented
Interest rate swaps	\$	236	\$	(229)	\$	7	\$	396	\$	(370)	\$	26
Currency swaps <sup>a</sup>		21,905		-		21,905		21,932		-		21,932
Other <sup>b</sup>		2				2		*				*
Total	\$	22,143	\$	(229)	\$	21,914	\$	22,328	\$	(370)	\$	21,958
Amounts subject to legally enforceable master netting agreements <sup>c</sup>					\$	(21,662)					\$	(21,662)
Net derivative positions at counterparty level before collateral Less:						252						296
Cash collateral received <sup>d</sup> Securities collateral received						2						
Net derivative exposure after collatera	l				\$	250						

a. Includes currency forward contracts.

						June :	30, 20	)17				
					Lo	cated on th	e Bala	ance Shee	t			
		De	rivati	ve Asse	ets			De	erivat	ive Liabilit	ies	
		Gross	G	ross		Net		Gross		Gross		Net
		mounts .	Amounts			mounts		mounts		mounts		\mounts .
	_			Offset	Presented							
Interest rate swaps	\$	1	\$	(1)	\$	*	\$	251	\$	(243)	\$	8
Currency swaps <sup>a</sup>		23,841		-		23,841		24,059		(1)		24,058
Other <sup>b</sup>		2				2		28		(21)		7
Total	\$	23,844	\$	(1)	\$	23,843	\$	24,338	\$	(265)	\$	24,073
Amounts subject to legally enforceable master netting agreements °					\$	(23,684)					\$	(23,684)
Net derivative positions at counterparty level before collateral						159						389
Less:												
Cash collateral received d						-						
Securities collateral received												
Net derivative exposure after collateral					\$	159						

a. Includes currency forward contracts.

b. These include swaptions, exchange traded options, futures contracts and TBA securities.

c. Not offset on the Balance Sheet.

d. Does not include excess collateral received.

<sup>\*</sup> Indicates amount less than \$0.5 million.

b. These include swaptions, exchange traded options, futures contracts and TBA securities.

c. Not offset on the Balance Sheet.

d. Does not include excess collateral received.

<sup>\*</sup> Indicates amount less than \$0.5 million.

The following table provides information about the notional amounts and credit risk exposures, of IDA's derivative instruments as of June 30, 2018 and June 30, 2017.

## Notional amounts and credit risk exposure of the derivative instruments:

In millions of U.S. dollars

Type of contract	June		June 30, 2017		
Investments - Trading					
Interest rate swaps					
Notional principal	\$	978	\$	760	
Credit exposure		6		*	
Currency swaps (including currency forward contracts)					
Credit exposure		68		14	
Swaptions, exchange traded options, and futures contracts <sup>a</sup>					
Notional long position		4,442		37,967	
Notional short position		5,201		39,264	
Credit exposure		*		1	
Other derivatives <sup>b</sup>					
Notional long position		518		412	
Notional short position		8		147	
Credit exposure		2		1	
Asset-liability management					
Currency forward contracts (including currency swaps)					
Credit exposure		388		305	
Interest rate swaps					
Notional principal		21			
Credit exposure		-		-	
Borrowings					
Interest rate swaps					
Notional principal		3,000		-	
Credit exposure		1		-	
Client Operations					
Structured swaps					
Notional principal		-		68	
Credit exposure		=		-	
Total credit exposure					
Interest rate swaps		7		*	
Currency swaps (including currency forward contracts)		456		319	
Swaptions, exchange traded options, and futures contracts <sup>a</sup>		*		1	
Other derivatives <sup>b</sup>		2	_	1	
Total		465		321	

a. Exchange-traded instruments are generally subject to daily margin requirements and are deemed to have no material credit risk.

All options and futures contracts are interest rate contracts.

Under almost all of its International Swaps and Derivative Association (ISDA) Master Agreements, IDA is not required to post collateral as long as it maintains liquidity holdings at predetermined levels that are a proxy for a triple-A credit rating. After becoming a rated entity, IDA has started to enter into derivative agreements with commercial counterparties in which IDA is not required to post collateral as long as it maintains a triple-A rating. The aggregate fair value of all derivative instruments with credit-risk related contingent features that are in a liability position as of June 30, 2018 is \$298 million (\$366 million —June 30, 2017). As of June 30, 2018, IDA was not required to post any collateral in accordance with the relevant agreements.

If the credit-risk related contingent features underlying these agreements were triggered to the extent that IDA would be required to post collateral as of June 30, 2018, the amount of collateral that would need to be posted

b. These relate to TBA securities.

<sup>\*</sup> Indicates amount less than \$0.5 million.

would be \$62 million (\$82 million—June 30, 2017). Subsequent triggers of contingent features would require posting of additional collateral, up to a maximum of \$298 million as of June 30, 2018 (\$366 million—June 30, 2017).

Amounts of gains and losses on the Asset-liability management derivative instruments and their location on the Statement of Income for the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016 are as follows:

#### In millions of U.S. dollars

		Gains (Losses)							
		Fiscal \	ıne 30,						
	Statement of Income Location	2018	2017	2016					
Derivatives not designated as hedging instruments and not held in a trading portfolio	a								
Interest rate swaps	Unrealized mark-to-market gains (losses) on Non-Trading	(3)	-	-					
Currency forward contracts and currency swaps	portfolios, net	(17)	54	(35)					
Total		\$ (20)	\$ 54	\$ (35)					

a. For alternative disclosures about trading derivatives, see the following table.

The majority of the instruments in IDA's investment portfolio are held for trading purposes. Within the trading portfolio, IDA holds highly rated fixed income instruments as well as derivatives. The trading portfolio is primarily held to ensure the availability of funds to meet future cash flow requirements and for liquidity management purposes.

The following table provides information on the amount of gains and losses on the IDA's investment trading portfolio (derivative and non-derivative instruments), and their location on the Statement of Income for the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016:

			Gains (Losses) Fiscal Year Ended June 30,							
		Fisca								
	Statement of Income Location	2018	2017		2016					
Type of instrument	-									
	Unrealized mark-to-market (losses) gains on Investment-									
Fixed income (including related derivatives)	Trading portfolios, net	\$ (128)	\$ (367)	\$	509					

# **Fair Value Disclosures**

IDA's fair value hierarchy for derivative assets and liabilities measured at fair value on a recurring basis as of June 30, 2018 and June 30, 2017 is as follows:

In millions of U.S. dollars								
		Fair	Value N	Aeasurements As of June		urring Basis	3	
	Leve	el 1	L	_evel 2		rel 3		Total
Derivative assets:								
Investments								
Currency forward contracts	\$	-	\$	3,789	\$	-	\$	3,789
Currency swaps		-		2,401		-		2,401
Interest rate swaps		-		6		-		6
Swaptions, exchange traded options and futures contracts		-		*		-		*
Other <sup>a</sup>		-		2		=		2
		-		6,198		-		6,198
Asset-liability management								
Currency forward contracts		-		15,707		-		15,707
Currency swaps		-		8		=		8
Interest rate swaps		-		-		-		-
		-		15,715		-		15,715
Borrowings			·		·		· ·	
Interest rate swaps		<u>-</u>		1_		<u>-</u>		1_
Total derivative assets	\$		\$	21,914	\$		\$	21,914
Derivative liabilities:								
Investments								
Currency forward contracts	\$	-	\$	3,771	\$	-	\$	3,771
Currency swaps		-		2,417		=		2,417
Interest rate swaps		-		10		-		10
Swaptions, exchange traded options and futures contracts		_		*				*
Other <sup>a</sup>		_		*		_		*
Other	-			6,198			-	6,198
Asset-liability management		-		0,190		-		0,190
Currency forward contracts		_		15,735		_		15,735
Currency swaps		_		15,735		_		9
Interest rate swaps		_		1		_		1
interest rate swaps	-			15,745			-	15,745
Porrowingo	-			13,743			-	15,745
Borrowings Interest rate swaps				15				15
•	•	<u> </u>			•	<u> </u>		
Total derivative liabilities	\$		\$	21,958	\$		\$	21,958

a. These relate to TBA securities.

<sup>\*</sup> Indicates amount less than \$0.5 million.

		F	air Valu	e Measuremei As of Jun	nts on a Re e 30, 2017	curring Bas	is	
	Lev	rel 1		Level 2	Lev	rel 3		Total
Derivative assets:			<u> </u>	_				
Investments								
Currency forward contracts	\$	-	\$	803	\$	-	\$	803
Currency swaps		-		3,513		-		3,513
Interest rate swaps		-		*		-		*
Swaptions, exchange traded options								
and futures contracts		-		1		-		1
Other <sup>a</sup>				1_				1
		-		4,318		-		4,318
Asset-liability management								
Currency forward contracts		-		19,525				19,525
Total derivative assets	\$	-	\$	23,843	\$		\$	23,843
Derivative liabilities:								
Investments								
Currency forward contracts	\$	-	\$	819	\$	-	\$	819
Currency swaps		-		3,689		-		3,689
Interest rate swaps		-		8		-		8
Swaptions, exchange traded options								
and futures contracts		4		1		-		5
Other <sup>a</sup>		-		2				2
		4		4,519		-		4,523
Asset-liability management								
Currency forward contracts				19,550				19,550
Total derivative liabilities	\$	4	\$	24,069	\$	-	\$	24,073

a. These relate to TBA securities.

#### Inter-level transfers

During the fiscal years ended June 30, 2018 and June 30, 2017, there were no inter-level transfers in the derivatives portfolio.

## **Valuation Methods and Assumptions**

Derivative contracts include currency forward contracts, TBA securities, swaptions, exchange traded options and future contracts, currency swaps and interest rate swaps. These are valued using the standard discounted cash flow methods using market observable inputs such as yield curves, foreign exchange rates and basis spreads and funding spreads.

## NOTE F-LOANS AND OTHER EXPOSURES

Loans and other exposures are generally made directly to member countries of IDA. Other exposures include irrevocable commitments, guarantees and repaying project preparation facilities.

Loans are carried and reported at amortized cost. Of the total loans outstanding as of June 30, 2018, 91% were to the South Asia, Africa, and East Asia and Pacific regions combined. Based on IDA's internal credit quality indicators, the majority of the loans outstanding are in the Medium and High risk classes.

As of June 30, 2018, loans outstanding totaling \$2,551million (representing about 2% of the portfolio) from five borrowers, were in nonaccrual status.

<sup>\*</sup> Indicates amount less than \$0.5 million.

## **Maturity Structure**

The maturity structure of loans outstanding as of June 30, 2018 and June 30, 2017 was as follows:

In millions of U.S. dollars

June 30, 2018		June 30, 2017	
July 1, 2018 through June 30, 2019	\$ 6,718	July 1, 2017 through June 30, 2018	\$ 6,217
July 1, 2019 through June 30, 2023	27,126	July 1, 2018 through June 30, 2022	24,513
July 1, 2023 through June 30, 2028	36,471	July 1, 2022 through June 30, 2027	34,007
Thereafter	 79,713	Thereafter	 77,447
Total	\$ 150,028	Total	\$ 142,184

## **Currency Composition**

Loans outstanding had the following currency composition as of June 30, 2018 and June 30, 2017:

In millions	of U.S.	dollars
-------------	---------	---------

	Ju	June 30, 2017				
EUR	\$	1,327	\$	659		
USD		4,996		4,878		
SDR		143,705		136,647		
	\$	150,028	\$	142,184		

## **Credit Quality of Sovereign Loans**

Based on an evaluation of IDA's loans, Management has determined that IDA has one portfolio segment — Sovereign Exposures. Loans constitute the majority of sovereign exposures.

IDA's country risk ratings are an assessment of its borrowers' ability and willingness to repay IDA on time and in full. These ratings are internal credit quality indicators. Individual country risk ratings are derived on the basis of both quantitative and qualitative factors. For the purpose of analyzing the risk characteristics of IDA's exposures, exposures are grouped into three classes in accordance with assigned borrower risk ratings which relate to the likelihood of loss: Low, Medium and High risk classes, as well as exposures in nonaccrual status.

IDA's borrowers' country risk ratings are key determinants in the provisions for loan losses.

IDA considers a loan to be past due when a borrower fails to make payment on any principal, service, interest or other charges due to IDA, on the dates provided in the contractual loan agreements.

The following tables provide an aging analysis of loans outstanding as of June 30, 2018 and June 30, 2017:

In millions of U.S. dollars

							June	30, 2	2018					
										Т	otal Past			
Days past due	Up	to 45	46	-60	61-90	91-180		Over 180		Due		Current		Total
Risk Class														
Low	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	2,065	\$ 2,065
Medium		-		-	-		-		-		-		25,815	25,815
High		1			-		-		-		1	1	19,596	119,597
Loans in accrual status		1		-	-		-		-		1	1	47,476	 147,477
Loans in nonaccrual status		11		2	5		23		1,241		1,282		1,269	2,551
Total	\$	12	\$	2	\$ 5	\$	23	\$	1,241	\$	1,283	\$ 1	48,745	\$ 150,028

In millions of U.S. dollars

							June .	<i>30, 2</i>	2017						
										T	otal Past				
Up	to 45	46	-60	6	61-90 91		91-180		Over 180		Due		Current		Total
\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	2,762	\$	2,762
	-		-		-		-		-		-		26,385		26,385
	7				-						7		110,501		110,508
	7		-		-		-		-		7	•	139,648		139,655
	12		1		5		22		1,146		1,186		1,343		2,529
\$	19	\$	1	\$	5	\$	22	\$	1,146	\$	1,193	\$ ^	140,991	\$	142,184
		7 7 12	\$ - \$ - 7 - 7 - 12	\$ - \$ - - 7 - - 7 - - 12 1	\$ - \$ - \$ - 7 - 7 - 12 1	\$ - \$ - \$ - - 7 - 7 - 12 1 5	\$ - \$ - \$ - \$ - 7	Up to 45     46-60     61-90     91-180       \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Up to 45     46-60     61-90     91-180     Or       \$ - \$ - \$ - \$ - \$     \$ - \$       7	\$ - \$ - \$ - \$ - \$ - - 7	Up to 45         46-60         61-90         91-180         Over 180         T           \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Up to 45         46-60         61-90         91-180         Over 180         Total Past Due           \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Up to 45         46-60         61-90         91-180         Over 180         Total Past Due         Company Company           \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Up to 45         46-60         61-90         91-180         Over 180         Total Past Due         Current           \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 2,762           26,385           7         7 110,501           7         7 139,648           12         1         5         22         1,146         1,186         1,343	Up to 45         46-60         61-90         91-180         Over 180         Total Past Due         Current           \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -

## **Accumulated Provision for Losses on Loans and Other Exposures**

# Provision for Losses on Loans and Other Exposures

Management determines the appropriate level of accumulated provision for losses, which reflects the probable losses inherent in IDA's exposures. Probable losses comprise estimates of losses arising from default and nonpayment of principal amounts due, as well as present value losses. Management reassesses the adequacy of the accumulated provision and the reasonableness of the inputs used, on a periodic basis, at least annually, and adjustments are recorded as a charge against or addition to revenue.

Provision for HIPC Debt Initiative and MDRI includes provisions that are based on quantitative and qualitative analyses of various factors, including estimates of Decision Point and Completion Point dates. These factors are reviewed periodically as part of the reassessment of the adequacy of the accumulated provision for loss. Provisions are released as qualifying debt service becomes due and is forgiven under the HIPC Debt Initiative, and are reduced by the amount of the eligible loans written off when the country reaches Completion Point, and becomes eligible for MDRI debt relief.

A key determinant in the provision for losses on loans and other exposures is IDA's borrowing country credit risk ratings. These ratings are IDA's own assessment of borrowers' ability and willingness to repay IDA on time and in full. In light of the IDA18 replenishment, IDA's management refined its approach to the credit risk rating of IDA's sovereign borrowers. The net impact of this refinement on IDA's accumulated provision at June 30, 2018, was \$409 million-

Changes to the accumulated provision for losses on loans and other exposures for the fiscal years ended June 30, 2018 and June 30, 2017 are summarized below:

In millions of U.S. dollars

	_			June 30	, 2	018					June 30	, 201	17	
		Loans		ebt relief under PC/MDRI		Other		Total	Loans		ebt relief under PC/MDRI	C	Other	Total
Accumulated provision, beginning of the fiscal year	\$	1,913	\$	1,940	\$	25	\$	3,878	\$ 1,932	\$	2,000	\$	25	\$ 3,957
Provision, net - charge (release) <sup>a</sup> Loans written off under:		510	·	7	•	31		548	(10)	·	(46)		*	(56)
Prepayments HIPC/MDRI Translation adjustment		(3) - 19		(10) 7		- - *		(3) (10) 26	(3) - (6)		(9) (5)		- - *	(3) (9) (11)
Accumulated provision, end of the period	\$	2,439	\$	1,944	\$	56	\$		\$ 	\$	1,940	\$	25	\$ 3,878
Composed of accumulated provision for losses on: Loans in accrual status Loans in nonaccrual status	\$	2,160 279	\$	117 1,827			\$	2,277 2,106	\$ 1,644 	\$	126 1,814			\$ 1,770 2,083
Total  Loans:     Loans in accrual status     Loans in nonaccrual status  Total	<u>\$</u>	2,439	\$	1,944			_	4,383 147,477 2,551 150,028	\$ 1,913	<u>\$</u>	1,940			\$ 3,853 139,655 2,529 142,184

a. For the fiscal year ended June, 2018, the provision includes: \$3 million for the discount on prepayment of loans from one IDA graduate country (\$3 million - June 30, 2017).

<sup>\*</sup> Indicates amount less than \$0.5 million.

	Reported as Follows						
	Balance Sheet	Statement of Income					
Accumulated Provision for Losses on:							
Loans	Accumulated provision for losses on loans	Provision for losses on loans and other exposures, net					
Debt Relief under HIPC/MDRI	Accumulated provision for losses on loans	Provision for losses on loans and other exposures, net					
Other Exposures	Other liabilities	Provision for losses on loans and other exposures, net					

# Loans to be written off under MDRI

During the fiscal years ended June 30, 2018 and June 30, 2017, there were no loans written off under the MDRI.

#### **Overdue Amounts**

As of June 30, 2018, there were no principal or charges under loans in accrual status which were overdue by more than three months.

The following tables provide a summary of selected financial information related to loans in nonaccrual status as of and for the fiscal years ended June 30, 2018 and June 30, 2017:

In millions of U.S. dollars

											Overdue	amo	unts
Borrower	Nonaccrual since	ecorded estment <sup>a</sup>	r	Average ecorded restment <sup>b</sup>	Principal Itstanding		Provision for debt relief	fc	ovision or loan osses <sup>c</sup>	F	Principal	CI	harges
Eritrea	March 2012	\$ 439	\$	445	\$ 439	\$	304	\$	24	\$	64	\$	23
Somalia	July 1991	416		420	416		403		3		248		86
Sudan	January 1994	1,215		1,225	1,215		1,120		17		728		217
Syrian Arab Republic	June 2012	14		14	14		-		2		8		1
Zimbabwe	October 2000	 467		472	 467	_			233		234		56
Total - June 30,	2018	\$ 2,551	\$	2,576	\$ 2,551	\$	1,827	\$	279	\$	1,282	\$	383
Total - June 30,	2017	\$ 2,529	\$	2,503	\$ 2,529	\$	1,814	\$	269	\$	1,186	\$	361

a. A loan loss provision has been recorded against each of the loans in nonaccrual status.

#### In millions of U.S. dollars

	 Fiscal Year Ended June 30,							
	 2	018	2017		2016			
Service charge revenue not recognized as a result of loans being in nonaccrual status	\$	19	\$	19	\$	19		

During the fiscal years ended June 30, 2018 and June 30, 2017, no loans were placed into nonaccrual status.

During the fiscal year ended June 30, 2018, no service charge revenue was recognized on loans in nonaccrual status (\$3 million—fiscal year ended June 30, 2017 and \$3 million—fiscal year ended June 30, 2016).

#### Guarantees

Guarantees of \$1,808 million were outstanding as of June 30, 2018 (\$1,177 million – June 30, 2017). This amount represents the maximum potential undiscounted future payments that IDA could be required to make under these guarantees, and is not included on the Balance Sheet. The guarantees issued by IDA have original maturities ranging between 6 and 22 years, and expire in decreasing amounts through 2036.

As of June 30, 2018, liabilities related to IDA's obligations under guarantees of \$123 million (\$96 million—June 30, 2017), have been included in Other liabilities on the Balance Sheet. These include the accumulated provision for guarantee losses of \$47 million (\$19 million—June 30, 2017).

During the fiscal years ended June 30, 2018 and June 30, 2017, no guarantees provided by IDA were called.

# **Segment Reporting**

Based on an evaluation of its operations, Management has determined that IDA has only one reportable segment.

Loan revenue comprises service charges and interest charges on outstanding loan balances. For the fiscal year ended June 30, 2018, loan revenue from three countries of \$244 million, \$178 million and \$142 million, respectively were in excess of ten percent of total loan revenue.

b. Represents the average for the fiscal years. For the fiscal year ended June 30, 2016: \$2,537 million.

c. Loan loss provisions are determined after taking into account accumulated provision for debt relief.

The following table presents IDA's loans outstanding and associated loan revenue as of June 30, 2018 and June 30, 2017, by geographic region:

In millions of U.S. dollars

	June 30, 2018					June 30, 2017			
Region		Loans Outstanding		Service and Interest Charges		Loans Outstanding		rvice and est Charges	
Africa	\$	59,220	\$	438	\$	52,991	\$	374	
East Asia and Pacific		19,638		197		19,460		181	
Europe and Central Asia		7,389		111		7,462		106	
Latin America and the Caribbean		2,605		28		2,518		25	
Middle East and North Africa		2,891		23		3,025		23	
South Asia		58,285		579		56,728		523	
Total	\$	150,028	\$	1,376	\$	142,184	\$	1,232	

## **Buy-down of Loans**

During the fiscal years ended June 30, 2018 and June 30, 2017, there were no loans purchased under the buy-down mechanism by the Global Program to Eradicate Poliomyelitis Trust Fund.

## Fair Value Disclosures

IDA's loans are carried out and reported at amortized cost. The table below presents the fair value of loans for disclosure purposes, along with their respective carrying amounts as of June 30, 2018 and June 30, 2017:

In millions of U.S. dollars

	June 30, 2018				June 30, 2017				
	Carrying Value		Fa	air Value	Ca	rrying Value	Fair Value		
Net Loans Outstanding	\$	145,656	\$	118,508	\$	138,351	\$	111,539	

As of June 30, 2018, IDA's loans are classified as Level 3 within the fair value hierarchy.

## **Valuation Methods and Assumptions**

The fair value of loans is calculated using market-based methodologies which incorporate the respective borrowers' Credit Default Swap (CDS) spreads and, where applicable, proxy CDS spreads. Basis adjustments are applied to market recovery levels to reflect IDA's recovery experience.

#### NOTE G—TRANSACTIONS WITH AFFILIATED ORGANIZATIONS

IDA transacts with affiliated organizations as a recipient of transfers and grants, administrative and derivative intermediation services as well as through cost sharing of IBRD's sponsored pension and other postretirement plans.

#### **Transfers and Grants**

Cumulative transfers and grants made to IDA as of June 30, 2018 were \$19,148 million (\$18,945 million—June 30, 2017). Details by transferor are as follows:

Transfers from	Beginning of the fiscal year	fers during fiscal year	Enc	End of the fiscal year	
Total	\$ 18,945	\$ 203	\$	19,148	
Of which from:					
IBRD	15,126	123		15,249	
IFC	3,592	80		3,672	

## **Receivables and Payables**

As of June 30, 2018, and June 30, 2017, the total amounts receivable from or (payable to) affiliated organizations comprised:

In millions of U.S. dollars

	June 30, 2018						June 30, 2017					
	IBRD		IFC		Total		IBRD		IFC		Total	
Administrative Services <sup>a</sup> Derivative Transactions	\$ (339)	\$	-	\$	(339)	\$	(368)	\$	-	\$	(368)	
Receivable Payable	4,531 (4,284)		8 (9)		4,539 (4,293)		6,717 (6,559)		-		6,717 (6,559)	
Pension and Other Postretirement Benefits	676		-		676		695		-		695	
Investments	\$ 584	\$	812 811	\$	812 1,395	\$	- 485	\$	960 960	\$	960 1,445	

a. Includes \$140 million for the fiscal year ended June 30, 2018 (\$103 million-June 30, 2017) receivable from IBRD for IDA's share of investments associated with Post-Retirement Contribution Reserve Fund (PCRF), which is a fund established to stabilize contributions made to the pension plans.

The receivables from (payables to) these affiliated organizations are reported in the Balance Sheet as follows:

Receivables / Payables related to:	Reported as:
Receivable for pension and other postretirement benefits	Receivable from affiliated organization
Receivables (payables) for derivative transactions	Derivative assets/liabilities – Asset-liability management
Payable for administrative services <sup>a</sup>	Payable to affiliated organization

a. Includes amounts receivable from IBRD for IDA's share of investments associated with PCRF. This receivable is included in Receivable from affiliated organization on the Balance Sheet.

Administrative Services: The payable to IBRD represents IDA's share of joint administrative expenses, net of other revenue jointly earned. The allocation of expenses is based upon an agreed cost sharing formula, and amounts are settled quarterly. Beginning from the period ending September 30, 2016, the allocation of expenses jointly incurred by IBRD and IDA also includes Contributions to special programs.

During the fiscal year ended June 30, 2018, IDA's share of joint administrative expenses and contributions to special programs totaled \$1,745 million (\$1,746 million—fiscal year ended June 30, 2017 and \$1,425 million—fiscal year ended June 30, 2016). This amount excludes IDA-executed trust fund expenses of \$460 million (\$400 million—fiscal year ended June 30, 2017 and \$340 million—fiscal year ended June 30, 2016).

Other revenue: Includes IDA's share of other revenue jointly earned with IBRD during the fiscal year ended June 30, 2018 totaling \$281 million (\$247 million—fiscal year ended June 30, 2017 and \$229 million—fiscal year ended June 30, 2016). This amount excludes IDA-executed trust fund revenue of \$460 million (\$400 million—fiscal year ended June 30, 2017 and \$340 million—fiscal year ended June 30, 2016). The allocation of revenue is based upon an agreed revenue sharing formula, and amounts are settled quarterly.

For the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016, the amount of fee revenue associated with services provided to other affiliated organizations is included in Other revenue on the Statement of Income, as follows:

			Fiscal Year En	ded June 30,		
	2018		20	17	2016	
Fees charged to IFC	\$	66	\$	61	\$	59
Fees charged to MIGA		5		5		4

*Pension and Other Postretirement Benefits*: The receivable from IBRD represents IDA's net share of prepaid costs for pension and other postretirement benefit plans and Post-Employment Benefits Plan (PEBP) assets. These will be realized over the lives of the plan participants.

*Derivative transactions*: These relate to currency forward contracts entered into by IDA with IBRD acting as the intermediary with the market and primarily convert donors' expected contributions in national currencies under the Sixteenth and Seventeenth replenishments of IDA's resources into the five currencies of the SDR basket.

On December 22, 2017, as part of the local currency facility under Private Sector Window, IDA entered into a currency swap agreement with IFC for a period of 12 years. IDA will pay IFC a fixed rate of 2.49% annually on a U.S. dollar notional of 9 million and will receive 3.27% annually on a West African CFA franc (XOF) notional of 5,000 million. As of June 30, 2018, the derivative had a fair value of less than \$1 million.

In June 2018, as part of the MIGA guarantee facility under the Private Sector Window, IDA entered into three risk sharing contracts totaling \$36 million with MIGA. Under these contracts, IDA has agreed to accept certain exposures with respect to losses arising under specific guarantee contracts issued by MIGA against risk of transfer restriction, expropriation and war and civil disturbance. These transactions are recognized as financial guarantees in IDA's financial statements and included in the amount of guarantees disclosed in Note F – Loans and other exposures. As of June 30, 2018, \$4 million is included in the accumulated provision for guarantee losses for these transactions (Nil — June 30, 2017).

#### **Investments**

During the fiscal year ended June 30, 2015, IDA purchased a debt security issued by IFC for a principal amount of \$1,179 million, amortizing over a period of 25 years. The investment carries a fixed interest rate of 1.84% and has a weighted average maturity of 4 years. As of June 30, 2018, the principal amount due on the debt security was \$843 million (\$969 million—fiscal year ended June 30, 2017), and it had a fair value of \$812 million (\$960 million—fiscal year ended June 30, 2017). The investment is reported under Investments in the Balance Sheet. During the fiscal year ended June 30, 2018, IDA recognized interest income of \$17 million (\$19 million—fiscal year ended June 30, 2017 and \$21 million—fiscal year ended June 30, 2016).

## NOTE H-TRUST FUNDS ADMINISTRATION

IDA, alone or jointly with one or more of its affiliated organizations, administers on behalf of donors, including members, their agencies and other entities, funds restricted for specific uses in accordance with administration agreements with donors. Specified uses include, for example, co-financing of IDA lending projects, debt reduction operations for IDA members, technical assistance for borrowers including feasibility studies and project preparation, global and regional programs, and research and training programs. These funds are held in trust by IDA and/or IBRD, and are held in a separate investment portfolio which is not commingled with IDA and/or IBRD funds.

Trust fund execution may be carried out in one of two ways: Recipient-executed or IDA-executed.

Recipient-executed trust funds involve activities carried out by a recipient third-party "executing agency". IDA enters into agreements with and disburses funds to such recipients, who then exercise spending authority to meet the objectives and comply with terms stipulated in the agreements.

IDA-executed trust funds involve execution of activities by IDA as described in relevant administration agreements with donors, which define the terms and conditions for use of the funds. Spending authority is exercised by IDA, under the terms of the administration agreements. The executing agency services provided by IDA vary and include for example, activity preparation, analytical and advisory activities and project-related activities, including procurement of goods and services. The following table summarizes the expenses pertaining to IDA-executed trust funds during the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016:

	F	Fiscal Year Ended June 30	0,	
	2018	2017	2016	
IDA-executed trust funds expenses	\$ 460	\$ 400	\$ 340	

These amounts are included in Administrative expenses and the corresponding revenue is included in Other non-interest revenue in the Statement of Income. Administrative expenses primarily relate to staff cost, travel and consultant fees.

The following table summarizes undisbursed contributions made by third party donors to IDA-executed trust funds, recognized on the Balance Sheet as of June 30, 2018 and June 30, 2017:

	June 30, 2018			0, 2017
IDA-executed trust funds	\$	476	\$	461

These amounts are included in Other Assets and the corresponding liabilities are included in Accounts payable and miscellaneous liabilities on the Balance Sheet.

#### Revenues

During the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016, IDA's revenues for the administration of trust fund operations were as follows:

#### In millions of U.S. dollars

			Fiscal Year	Ended June	30,	
	20	18	2	017	2	016
Revenues	\$	48	\$	42	\$	42

These amounts are included in Other non-interest revenue in the Statement of Income.

Amounts collected from donor contributions but not yet earned totaling \$56 million at June 30, 2018 (\$52 million—June 30, 2017) are included in Other Assets and in Accounts payable and miscellaneous liabilities, correspondingly, on the Balance Sheet.

## **Transfers Received**

Under the agreements governing the administration of certain trust funds, IDA may receive any surplus assets as transfers upon the termination of these trust funds. In addition, as loans are repaid to trust funds, in certain cases the repayments are transferred to IDA. During the fiscal year ended June 30, 2018 funds recorded as Other non-interest revenue under these arrangements totaled less than \$1 million (less than \$1 million—fiscal year ended June 30, 2017 and \$9 million—fiscal year ended June 30, 2016).

## **NOTE I—DEVELOPMENT GRANTS**

A summary of changes to the amounts payable for development grants for the fiscal years ended June 30, 2018 and June 30, 2017, is presented below:

In millions of U.S. dollars

	Jun	e 30, 2018	June 30, 2017		
Balance, beginning of the fiscal year	\$	6,583	\$	6,099	
Commitments		4,964 b		2,627 a	
Disbursements (including PPA grant activity)		(2,847)		(2,105)	
Translation adjustment		43		(38)	
Balance, end of the fiscal year	\$	8,743	\$	6,583	

a. Includes \$50 million contribution to Pandemic Emergency Financing Facility (PEF) which will be expensed when the amounts are disbursed from PEF Financial Intermediary Funds.

For the fiscal years ended June 30, 2018 and June 30, 2017, the commitment charge rate on the undisbursed balances of IDA grants was set at nil percent.

## NOTE J—ACCUMULATED OTHER COMPREHENSIVE INCOME

Comprehensive income consists of net income (loss) and other gains and losses affecting equity that, under U.S. GAAP, are excluded from net income (loss). For IDA, comprehensive income (loss) is comprised of net income (loss) and currency translation adjustments on functional currencies. These items are presented in the Statement of Comprehensive Income.

The following table presents the changes in Accumulated Other Comprehensive Income balances for the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016:

In millions of U.S. dollars

	Fiscal Year Ended June 30,					
		2018		2017		2016
Balance, beginning of the fiscal year	\$	(2,039)	\$	(1,219)	\$	(875)
Currency translation adjustments on functional currencies		1,364		(820)		(344)
Balance, end of the fiscal year	\$	(675)	\$	(2,039)	\$	(1,219)

#### NOTE K—PENSION AND OTHER POSTRETIREMENT BENEFITS

The staff of IBRD perform functions for both IBRD and IDA, but all staff compensation is paid directly by IBRD. Accordingly, a portion of IBRD's staff and associated administrative costs is allocated to IDA based on an agreed cost sharing ratio computed every year using various indicators. The methodology for computing this share ratio is approved by the Executive Directors for both institutions.

IBRD, along with IFC and MIGA sponsor a Staff Retirement Plan and Trust (SRP), a Retired Staff Benefits Plan and Trust (RSBP) and a PEBP that cover substantially all of their staff members.

The SRP provides regular defined pension benefits and also includes a cash balance component. The RSBP provides certain health and life insurance benefits to eligible retirees. The PEBP provides certain pension benefits administered outside the SRP.

June 30 is used as the measurement date for these pension and other postretirement benefit plans. All costs, assets and liabilities associated with these plans are allocated between IBRD, IFC, and MIGA based upon their employees' respective participation in the plans.

While IDA is not a participating entity to these benefit plans, IDA shares in the costs and reimburses IBRD for its proportionate share of any contributions made to these plans by IBRD, as part of IBRD's allocation of staff and associated administrative costs to IDA based on an agreed cost sharing ratio. During the fiscal year ended June 30, 2018, IDA's share of IBRD's costs relating to all the three plans totaled \$322 million (\$426 million—fiscal year ended June 30, 2017 and \$215 million—fiscal year ended June 30, 2016).

b. Excludes \$5 million PEF disbursements made from PEF Financial Intermediary Funds.

The cost of any potential future liability arising from these plans would be shared by IBRD and IDA using the applicable share ratio. As of June 30, 2018, the SRP and the RSBP were underfunded by \$460 million and \$100 million, respectively. The PEBP, after reflecting IBRD and IDA's share of assets which are included in IBRD's investment portfolio of \$1,028 million, was underfunded by \$750 million.

#### NOTE L-OTHER FAIR VALUE DISCLOSURES

The table below presents IDA's estimates of the fair value of its financial assets and liabilities along with their respective carrying amounts as of June 30, 2018 and June 30, 2017.

In millions of U.S. dollars

		June 30,	2018		June 30,		, 2017	
	Cari	rying Value	Fa	air Value	Carı	ying Value	Fa	air Value
Assets								
Due from Banks	\$	523	\$	523	\$	483	\$	483
Investments (including securities purchased under resale								
agreements)		36,075		36,075		32,033		32,033
Net loans outstanding		145,656		118,508		138,351		111,539
Derivative Assets								
Asset-liability management		15,715		15,715		19,525		19,525
Borrowings		1		1		-		-
Investments		6,198		6,198		4,318		4,318
Liabilities								
Borrowings								
Concessional partner loans		5,811		6,660		3,660		4,175
Market borrowings		1,494		1,494		-		-
Securities sold/ lent under repurchase agreements/								
securities lending agreements and payable for cash								
collateral received		2,543		2,543		2,560		2,560
Derivative Liabilities								
Asset-liability management		15,745		15,745		19,550		19,550
Borrowings		15		15		-		-
Investments		6,198		6,198		4,523		4,523

# Valuation Methods and Assumptions

As of June 30, 2018 and June 30, 2017, IDA had no financial assets or liabilities measured at fair value on a non-recurring basis.

For additional fair value disclosures regarding Investments, Borrowings, Derivative assets and liabilities and Loans, refer to Note C—Investments, Note D—Borrowings, Note E—Derivative Instruments and Note F—Loans and other exposures, respectively.

Due from Banks: The carrying amount of unrestricted and restricted cash is considered a reasonable estimate of the fair value of these positions.

# Unrealized Mark-to-Market Gains (Losses) on Trading and Non-Trading Portfolios, Net

The following table reflects the components of the unrealized mark-to-market gains or losses on IDA's trading and non-trading portfolios, net, for the fiscal years ended June 30, 2018, June 30, 2017 and June 30, 2016.

In millions of U.S. dollars

		Fiscal Year Ended June 30	), 2018
	·	Unrealized gains	
	Realized gains	(losses) excluding	Unrealized gains
	(losses)	realized amounts	(losses)
Investments-Trading—Note E	\$ (195)	\$ 67	\$ (128)
Non-trading portfolios, net			
Asset-liability management—Note E	-	(17)	(17)
Investment portfolio—Note C	-	(21)	(21)
Total	\$ <del>-</del>	\$ (38)	\$ (38)

In millions of U.S. dollars

			Fiscal Yea	ar Ended June 30,	2017	
			U	Inrealized gains		
	R	ealized gains	(Ic	osses) excluding	Ur	nrealized gains
		(losses)	re	alized amounts		(losses)
Investments-Trading—Note E	\$	233	\$	(600)	\$	(367)
Non-trading portfolios, net		•		•		
Asset-liability management—Note E		-		54		54
Investment portfolio—Note C		-		(32)		(32)
Total	\$	-	\$	22	\$	22

In millions of U.S. dollars

	•		Fiscal Yea	r Ended June 30, 2	2016		
			Ui	realized gains			
	Re	ealized gains (losses)		sses) excluding alized amounts	Unrealized gains (losses)		
Investments-Trading—Note E	\$	170	\$	339	\$	509	
Non-trading portfolios, net							
Asset-liability management—Note E		=		(35)		(35)	
Investment portfolio—Note C		-		35		35	
Total	\$	=	\$	*	\$	*	

## **NOTE M—CONTINGENCIES**

From time to time, IDA may be named as a defendant or co-defendant in legal actions on different grounds in various jurisdictions. The outcome of any existing legal action, in which IDA has been named as a defendant or co-defendant, as of and for the fiscal year ended June 30, 2018, is not expected to have a material adverse effect on IDA's financial position, results of operations or cash flows.