



# Basel III Pillar 3

**First** Half 2015 Report

# Table of contents

- 4 Introduction**
- 4 Location of Pillar 3 disclosures
- 7 Our approach to measuring risk exposure and risk-weighted assets
- 8 Scope of regulatory consolidation
- 8 Table 1: Main legal entities consolidated under IFRS but not included in the regulatory scope of consolidation
- 9 Overview of Basel III exposures and risk-weighted assets**
- 10 Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets
- 12 Credit risk**
- 12 Table 3: Regulatory gross credit risk by exposure segment and RWA
- 13 Table 4: Regulatory gross credit exposure by geographical region
- 13 Table 5: Regulatory gross credit exposure by counterparty type
- 14 Table 6: Regulatory gross credit exposure by residual contractual maturity
- 14 Table 7: Derivation of regulatory net credit exposure
- 15 Table 8: Regulatory gross credit exposure covered by guarantees and credit derivatives
- 16 Advanced internal ratings-based approach
- 16 Table 9a: Sovereigns–A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings
- 17 Table 9b: Banks–A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings
- 18 Table 9c: Corporates–A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings
- 19 Table 9d: Residential mortgages–A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings
- 20 Table 9e: Lombard lending–A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings
- 21 Table 9f: Qualifying revolving retail exposures–A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings
- 22 Table 9g: Other retail–A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings
- 23 Standardized approach
- 23 Table 10a: Regulatory gross and net credit exposure by risk weight under the standardized approach
- 24 Table 10b: Regulatory net credit exposure under the standardized approach risk weighted using external ratings
- 24 Table 11: Eligible financial collateral recognized under the standardized approach
- 25 Impairment, default and credit loss
- 25 Table 12: Impaired assets by region
- 25 Table 13: Impaired assets by exposure segment
- 26 Table 14: Changes in allowances and provisions
- 26 Table 15: Total actual and expected credit losses
- 27 Derivatives credit risk
- 27 Table 16: Credit exposure of derivative instruments
- 28 Other credit risk information
- 28 Table 17: Credit derivatives
- 29 Equity instruments in the banking book
- 29 Table 18: Equity instruments in the banking book
- 30 Market risk**
- 30 Backtesting of VaR
- 30 Table 19: Group: backtesting regulatory value-at-risk (1-day, 99% confidence, 5 years of historical data)
- 30 Chart 1: Group: development of backtesting revenues against backtesting VaR (1-day, 99% confidence)
- 30 Chart 2: Investment Bank and Corporate Center–Non-core and Legacy Portfolio daily revenue distribution
- 31 Securitization**
- 31 Table 20: Securitization/re-securitization
- 32 Objectives, roles and involvement
- 33 Securitization exposures in the banking and trading book
- 34 Table 21: Securitization activity for the period in the banking book
- 34 Securitization activity for the period in the trading book
- 35 Table 22: Outstanding securitized exposures
- 36 Table 23: Impaired or past due securitized exposures and losses related to securitized exposures in the banking book
- 37 Table 24: Exposures intended to be securitized in the banking and trading book
- 37 Table 25: Securitization positions retained or purchased in the banking book

- 38 Table 26: Securitization positions retained or purchased in the trading book
- 39 Table 27a: Capital requirement for securitization/re-securitization positions retained or purchased in the banking book
- 39 Table 27b: Securitization/re-securitization exposures treated under the ratings-based approach by rating clusters–banking book
- 39 Table 27c: Securitization/re-securitization exposures treated under the supervisory formula approach by rating clusters–banking book
- 40 Gains on sale – securitization exposures to be deducted from Basel III tier 1 capital
- 40 Securitization exposures subject to early amortization in the banking and trading book
- 40 Table 28: Re-securitization positions retained or purchased in the banking book
- 40 Table 29: Re-securitization positions retained or purchased in the trading book
- 40 Outstanding notes issued by securitization vehicles related to UBS's retained exposures subject to the market risk approach
- 41 Table 30: Correlation products subject to the comprehensive risk measure or the securitization framework for specific risk
- 41 Table 31a: Securitization positions and capital requirement for trading book positions subject to the securitization framework
- 42 Table 31b: Securitization/re-securitization exposures treated under the ratings-based approach by rating clusters–trading book
- 42 Table 31c: Securitization/re-securitization exposures treated under the supervisory formula approach by rating clusters–trading book
- 42 Table 32: Capital requirement for securitization positions related to correlation products
- 43 **Balance sheet reconciliation**
- 43 Table 33: Reconciliation of accounting balance sheet to balance sheet under the regulatory scope of consolidation
- 45 **Composition of capital**
- 45 Table 34: Composition of capital

## Corporate calendar UBS Group AG

Publication of the third quarter 2015 report:	Tuesday, 3 November 2015
Publication of the fourth quarter 2015 report:	Tuesday, 9 February 2016
Publication of the Annual Report 2015:	Friday, 18 March 2016
Publication of the first quarter 2016 report:	Tuesday, 3 May 2016

## Contacts

### Switchboards

For all general inquiries.  
 Zurich +41-44-234 1111  
 London +44-20-7568 0000  
 New York +1-212-821 3000  
 Hong Kong +852-2971 8888  
[www.ubs.com/contact](http://www.ubs.com/contact)

### Investor Relations

UBS's Investor Relations team supports institutional, professional and retail investors from our offices in Zurich, London, New York and Singapore.

UBS Group AG, Investor Relations  
 P.O. Box, CH-8098 Zurich,  
 Switzerland

[investorrelations@ubs.com](mailto:investorrelations@ubs.com)  
[www.ubs.com/investors](http://www.ubs.com/investors)

Hotline Zurich +41-44-234 4100  
 Hotline New York +1-212-882 5734  
 Fax (Zurich) +41-44-234 3415

### Media Relations

UBS's Media Relations team supports global media and journalists from offices in Zurich, London, New York and Hong Kong.

[www.ubs.com/media](http://www.ubs.com/media)  
 Zurich +41-44-234 8500  
[mediarelations@ubs.com](mailto:mediarelations@ubs.com)

London +44-20-7567 4714  
[ubs-media-relations@ubs.com](mailto:ubs-media-relations@ubs.com)

New York +1-212-882 5857  
[mediarelations-ny@ubs.com](mailto:mediarelations-ny@ubs.com)

Hong Kong +852-2971 8200  
[sh-mediarelations-ap@ubs.com](mailto:sh-mediarelations-ap@ubs.com)

### Office of the Company Secretary

The Company Secretary receives inquiries on compensation and related issues addressed to members of the Board of Directors.

UBS Group AG, Office of the Company Secretary  
 P.O. Box, CH-8098 Zurich,  
 Switzerland

[sh-company-secretary@ubs.com](mailto:sh-company-secretary@ubs.com)  
 Hotline +41-44-235 6652  
 Fax +41-44-235 8220

### Shareholder Services

UBS's Shareholder Services team, a unit of the Company Secretary office, is responsible for the registration of the global registered shares.

UBS Group AG, Shareholder Services  
 P.O. Box, CH-8098 Zurich,  
 Switzerland

[sh-shareholder-services@ubs.com](mailto:sh-shareholder-services@ubs.com)  
 Hotline +41-44-235 6652  
 Fax +41-44-235 8220

### US Transfer Agent

For global registered share-related inquiries in the US.

Computershare  
 P.O. Box 30170  
 College Station  
 TX 77842, USA

Shareholder online inquiries:  
<https://www-us.computershare.com/investor/Contact>

Shareholder website:  
[www.computershare.com/investor](http://www.computershare.com/investor)  
 Calls from the US +1 866-541 9689  
 Calls from outside  
 the US +1-201-680 6578  
 Fax +1-201-680 4675

## Imprint

Publisher: UBS Group AG, Zurich, Switzerland | [www.ubs.com](http://www.ubs.com)  
 Language: English

© UBS 2015. The key symbol and UBS are among the registered and unregistered trademarks of UBS. All rights reserved.

# Introduction

**This report provides an update to our Bank for International Settlements (BIS) Basel III Pillar 3 disclosures as presented in our Annual Report 2014 to the extent that this information was not already provided in our first and second quarter 2015 reports. This report relates to UBS Group AG on a consolidated basis as Pillar 3 disclosure requirements are applicable at this level. An exception is the requirement to disclose total and tier 1 capital ratios related to the significant bank subsidiaries UBS AG, UBS Switzerland AG and UBS Limited, which are presented in the “Financial information” section of our second quarter 2015 report. Furthermore, selected regulatory information for UBS AG (consolidated) is presented in the “Capital management” section of our second quarter 2015 report.**

The capital adequacy framework consists of three complementary pillars. Pillar 1 provides a framework for measuring minimum capital requirements for the credit, market, operational and non-counterparty-related risks faced by banks. Pillar 2 addresses the principles of the supervisory review process, emphasizing the need for a qualitative approach to supervising banks. Pillar 3 aims to encourage market discipline by requiring banks to publish a range of disclosures, mainly on risk and capital.

This report is based on phase-in rules under the BIS Basel III framework, as implemented by the revised Swiss Capital Adequacy Ordinance issued by the Swiss Federal Council, and required by Swiss Financial Market Supervisory Authority (FINMA) regulation. Further, as UBS is considered a systemically relevant

bank (SRB) under Swiss banking law, UBS Group and UBS AG are required to comply with regulations based on the Basel III framework as applicable for Swiss SRB on a consolidated basis.

FINMA requires us to publish comprehensive quantitative and qualitative Pillar 3 disclosures annually, as well as an update of quantitative disclosures and any significant changes to qualitative information semi-annually. In the first half of 2015, we did not have any significant changes to qualitative information.

Capital information as of 30 June 2015 for UBS Group AG (consolidated) and UBS AG (consolidated) is provided in the “Capital management” section of our second quarter 2015 report.

→ Refer to the “Capital management” section of our second quarter 2015 report for more information on regulatory requirements and differences between the Swiss SRB and BIS Basel III capital regulations

→ Refer to the “Pillar 3, SEC filings & other disclosures” section at [www.ubs.com/investors](http://www.ubs.com/investors) for more information on G-SIBs indicators and previous Pillar 3 reports

## Revised Pillar 3 disclosure requirements

In January 2015, the Basel Committee on Banking Supervision (BCBS) issued revised Pillar 3 disclosure requirements that aim to improve comparability and consistency of disclosures, through the introduction of harmonized templates. The revised requirements will take effect at the end of 2016.

→ Refer to the “Regulatory and legal developments” section of our Annual Report 2014 for more information on the revised Pillar 3 disclosure requirements

## Location of Pillar 3 disclosures

The following table provides an overview of Pillar 3 disclosures in our UBS Group AG Annual Report 2014 and our second quarter 2015 report, where relevant.

Pillar 3 disclosures	Location in our UBS Group AG Annual Report 2014	Location in our second quarter 2015 report
Scope of consolidation	Financial information—Note 1 Summary of significant accounting policies (on pages 405–425) UBS Group AG consolidated supplemental disclosures required under Basel III Pillar 3 regulations as of 31 December 2014 Scope of regulatory consolidation (on page 605) Table 1c: Main legal entities consolidated under IFRS but not included in the regulatory scope of consolidation	
Capital structure	Capital management (on pages 251–260)	Capital management (on pages 91 and 97) Financial information (on pages 184, 188 and 191)
Capital adequacy	Capital management (on pages 245–275)	Capital management (on pages 88–113) Financial information (on pages 184, 188 and 191)
Capital instruments	Capital management (on pages 255–256) “Bondholder information” at <a href="http://www.ubs.com/investors">www.ubs.com/investors</a>	Capital management (on page 95) “Bondholder information” at <a href="http://www.ubs.com/investors">www.ubs.com/investors</a>
Risk management objectives, policies and methodologies – qualitative disclosures	Risk management and control (on pages 170–231)	

## Location of Pillar 3 disclosures (continued)

Pillar 3 disclosures	Location in our UBS Group AG Annual Report 2014	Location in our second quarter 2015 report <sup>1</sup>
Risk-weighted assets	<p>Capital management (on pages 261–267)</p> <p>UBS Group AG consolidated supplemental disclosures required under Basel III Pillar 3 regulations as of 31 December 2014</p> <p>Segmentation of Basel III exposures and risk-weighted assets (on pages 606–608)</p> <p>Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets</p>	Capital management (on pages 100–104)
Credit risk	<p>Risk management and control (on page 181 and pages 198–203)</p> <p>Information on</p> <ul style="list-style-type: none"> <li>– Impaired assets by region,</li> <li>– Impaired assets by exposure segment,</li> <li>– Changes in allowances and provisions, and on</li> <li>– Total expected loss and actual credit losses (on pages 185–190 and page 203)</li> </ul> <p>UBS Group AG consolidated supplemental disclosures required under Basel III Pillar 3 regulations as of 31 December 2014</p> <p>Credit risk (on pages 609–626)</p> <p>Table 3: Regulatory gross credit risk by exposure segment and RWA</p> <p>Table 4: Regulatory gross credit exposure by geographical region</p> <p>Table 5: Regulatory gross credit exposure by counterparty type</p> <p>Table 6: Regulatory gross credit exposure by residual contractual maturity</p> <p>Table 7: Derivation of regulatory net credit exposure</p> <p>Table 8: Regulatory gross credit exposure covered by guarantees and credit derivatives</p> <p>Table 9a: Sovereigns—Advanced IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings</p> <p>Table 9b: Banks—Advanced IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings</p> <p>Table 9c: Corporates—Advanced IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings</p> <p>Table 9d: Residential mortgages—Advanced IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings</p> <p>Table 9e: Lombard lending—Advanced IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings</p> <p>Table 9f: Qualifying revolving retail exposures—Advanced IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings</p> <p>Table 9g: Other retail—Advanced IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings</p> <p>Table 10a: Regulatory gross and net credit exposure by risk weight under the standardized approach</p> <p>Table 10b: Regulatory net credit exposure under the standardized approach risk-weighted using external ratings</p> <p>Table 11: Eligible financial collateral recognized under the standardized approach</p> <p>Table 12: Credit exposure of derivative instruments</p> <p>Table 13: Credit derivatives</p> <p>Table 14: Equity instruments in the banking book</p>	
Market risk	<p>Risk management and control (on pages 206–207)</p> <p>Information on Group regulatory value-at-risk (on page 209 and pages 211–218)</p> <p>Note 24 Fair value measurement (on pages 469–472)</p>	Risk management and control (on pages 73–77 in our second quarter 2015 report and 70–74 in our first quarter 2015 report)

<sup>1</sup> Or, where indicated, in our first quarter 2015 report.

## Location of Pillar 3 disclosures (continued)

Pillar 3 disclosures	Location in our UBS Group AG Annual Report 2014	Location in our second quarter 2015 report
Operational risk	Risk management and control (on pages 229–231)	
Interest rate risk in the banking book	Risk management and control (on pages 219–221)	Risk management and control (on pages 73 and 77)
Securitization	<p>UBS Group AG consolidated supplemental disclosures required under Basel III Pillar 3 regulations as of 31 December 2014</p> <p>Securitization (on pages 628–642)</p> <p>Table 15: Securitization / re-securitization</p> <p>Table 16: Securitization activity for the year in the banking book</p> <p>Table 17: Securitization activity for the year in the trading book</p> <p>Table 18: Outstanding securitized exposures</p> <p>Table 19: Impaired or past due securitized exposures and losses related to securitized exposures in the banking book</p> <p>Table 20: Exposures intended to be securitized in the banking and trading book</p> <p>Table 21: Securitization positions retained or purchased in the banking book</p> <p>Table 22: Securitization positions retained or purchased in the trading book</p> <p>Table 23a: Capital requirement for securitization / re-securitization positions retained or purchased in the banking book</p> <p>Table 23b: Securitization / re-securitization exposures treated under the ratings-based approach by rating clusters—banking book</p> <p>Table 23c: Securitization / re-securitization exposures treated under the supervisory formula approach by rating clusters—banking book</p> <p>Securitization exposures to be deducted from Basel III tier 1 capital</p> <p>Securitization exposures subject to early amortization in the banking and trading book</p> <p>Table 24: Re-securitization positions retained or purchased in the banking book</p> <p>Table 25: Re-securitization positions retained or purchased in the trading book</p> <p>Table 26: Outstanding notes issued by securitization vehicles related to UBS’s retained exposures subject to the market risk approach</p> <p>Table 27: Correlation products subject to the comprehensive risk measure or the securitization framework for specific risk</p> <p>Table 28a: Securitization positions and capital requirement for trading book positions subject to the securitization framework</p> <p>Table 28b: Securitization / re-securitization exposures treated under the ratings-based approach by rating clusters—trading book</p> <p>Table 28c: Securitization / re-securitization exposures treated under the supervisory formula approach by rating clusters—banking book</p> <p>Table 29: Capital requirement for securitization positions related to correlation products</p>	
Composition of capital	<p>UBS Group AG consolidated supplemental disclosures required under Basel III Pillar 3 regulations as of 31 December 2014</p> <p>Composition of capital (on pages 643–647)</p> <p>Table 30: Reconciliation of accounting balance sheet to balance sheet under the regulatory scope of consolidation</p> <p>Table 31: Composition of capital</p>	
G-SIBs indicator (annual disclosure requirement only)	Refer to “Pillar 3, SEC filings & other disclosures” at <a href="http://www.ubs.com/investors">www.ubs.com/investors</a>	
Remuneration (annual disclosure requirement only)	Compensation (on pages 300, 338–339, 342–343, 345–348, 350–351, 355, 359–360, 363–373)	

## Our approach to measuring risk exposure and risk-weighted assets

Measures of risk exposure may differ depending on whether the exposures are calculated for financial accounting purposes under International Financial Reporting Standards (IFRS), for determining our regulatory capital or for risk management purposes. Our Basel III Pillar 3 disclosures are generally based on measures of risk exposure used to determine the regulatory capital required to underpin those risks.

The table below provides a summary of the approaches we use for the main risk categories to determine regulatory capital.

The naming conventions for the exposure segments used in the following tables are based on BIS rules and may differ from those under Swiss and European Union (EU) regulations. For example, “sovereigns” under the BIS naming convention are termed “central governments and central banks” under the Swiss and EU regulations. Similarly, “banks” are “institutions” and “residential mortgages” are “claims secured by residential real estate.”

Our risk-weighted assets (RWA) are published according to the BIS Basel III framework, as implemented by the revised Swiss Capital Adequacy Ordinance issued by the Swiss Federal Council and required by FINMA regulation.

→ Refer to the “Capital management” section of our second quarter 2015 report for more information on differences between Swiss SRB and BIS Basel III capital regulations

Category	UBS approach
<b>Credit risk</b>	
Counterparty credit risk by exposure segment	Under the advanced internal ratings-based (A-IRB) approach applied for the majority of our businesses, counterparty risk weights are determined by reference to internal counterparty ratings and loss given default estimates. We use internal models to measure the credit risk exposures to third parties on derivatives and securities financing transactions. All internal credit risk models are approved by FINMA. For a subset of our credit portfolio, we apply the standardized approach, based on external ratings.
Securitization / re-securitization in the banking book	Securitization / re-securitization exposures in the banking book are generally assessed using the ratings-based approach, applying risk weights based on external ratings. For certain exposures, the supervisory formula-based approach is applied, considering the A-IRB risk weights.
Equity instruments in the banking book	Simple risk weight method under the IRB approach.
Credit valuation adjustment (CVA)	The credit valuation adjustment (CVA) is an additional capital charge to the existing counterparty credit risk default charge. Banks are required to hold capital for the risk of mark-to-market losses (i.e., CVA) associated with the deterioration of counterparty credit quality. The model that we use is approved by FINMA. For a subset of our credit portfolio, we apply the standardized approach.
Settlement risk	Capital requirements for failed transactions are determined according to the rules for failed trades and non-delivery-versus-payment transactions under the Basel III framework.
<b>Non-counterparty-related risk</b>	The required capital for non-counterparty-related assets such as our premises, other property, equipment and software, deferred tax assets on temporary differences and defined benefit plans is calculated according to prescribed regulatory risk weights.
<b>Market risk</b>	The regulatory capital requirement is calculated using a variety of methods approved by FINMA. The components are value-at-risk (VaR), stressed VaR (SVaR), an add-on for risks which are potentially not fully modeled in VaR (RniV), the incremental risk charge (IRC), the comprehensive risk measure (CRM) for the correlation portfolio and the securitization framework for securitization positions in the trading book, which is described below. Details on the derivation of RWA for each of these components are provided in the “Risk management and control” section of our Annual Report 2014.
Securitization / re-securitization in the trading book	Securitization / re-securitization in the trading book are assessed for their general market risk as well as for their specific risk. The capital charged for general market risk is determined by the VaR and SVaR methods, whereas the capital charge for specific risk is determined using the CRM method or the ratings-based approach, applying risk weights based on external ratings.
<b>Operational risk</b>	Our model to quantify operational risk meets the regulatory capital standard under the advanced measurement approach and is approved by FINMA. Operational risk RWA also include the incremental operational risk RWA based on the supplemental operational risk capital analysis mutually agreed to by UBS and FINMA.

→ Refer to the “Risk management and control” section of our Annual Report 2014 for more information



## Scope of regulatory consolidation

The scope of consolidation for the purpose of calculating Group regulatory capital is generally the same as the consolidation scope under IFRS, and includes subsidiaries directly or indirectly controlled by UBS Group AG that are active in the banking and finance sector. However, subsidiaries consolidated under IFRS that are active in sectors other than banking and finance are excluded from the regulatory scope of consolidation. More information on the IFRS scope of consolidation, as well as the list of significant subsidiaries included in this scope as of 31 December 2014, are available in the "Financial information" section of our Annual Report 2014.

→ Refer to "Note 1 Summary of significant accounting policies" and "Note 30 Interests in subsidiaries and other entities" in the "Financial information" section of our Annual Report 2014 for more information

The main differences in the basis of consolidation between IFRS and regulatory capital purposes relate to the following entities as of 30 June 2015:

- Investments in insurance, real estate and commercial companies as well as investment vehicles which were consolidated under IFRS, but not for regulatory capital purposes, and were subject to risk weighting;
- Joint ventures which were fully consolidated for regulatory capital purposes, but which were accounted for under the equity method under IFRS;
- Entities which have issued preferred securities which were consolidated for regulatory capital purposes but not consolidated under IFRS. These entities hold bonds issued by UBS AG, which are eliminated in the consolidated regulatory capital accounts. These entities do not have material third-party asset balances, and their equity is attributable to non-controlling interests.

The table below provides a list of the most significant entities that were included in the IFRS scope of consolidation, but not in the regulatory capital scope of consolidation. As of 30 June 2015, entities consolidated under IFRS, but not included in the regulatory scope of consolidation, did not report any significant capital deficiencies.

In the banking book, certain equity investments were not required to be consolidated, neither under IFRS nor in the regulatory scope. These investments mainly consisted of infrastructure holdings and joint operations (for example, settlement and clearing institutions, stock and financial futures exchanges) and included our participation in the SIX Group. These investments were risk weighted based on applicable threshold rules.

→ Refer to "Table 18: Equity instruments in the banking book" of this report for more information on the measurement of these instruments

→ Refer to "Table 33: Reconciliation of accounting balance sheet to balance sheet under the regulatory scope of consolidation" of this report for more information

→ Refer to "Note 25 Restricted and transferred financial assets" in the "Financial information" section of our Annual Report 2014 for more information on transferability restrictions under IFRS 12

**Table 1: Main legal entities according to the IFRS scope of consolidation not subject to the regulatory scope of consolidation**

CHF million	30.6.15		Purpose
	Total assets <sup>1</sup>	Total equity <sup>1</sup>	
UBS Global Asset Management Life Ltd – Long Term Fund	10,893	15	Life insurance
UBS International Life Limited	5,098	69	Life insurance
UBS A&Q Alternative Solution Master Limited	953	688 <sup>2</sup>	Investment vehicle for feeder funds
UBS A&Q Alternative Solution Limited	689	679 <sup>2</sup>	Investment vehicle for multiple investors
UBS Global Life AG	670	11	Life insurance
A&Q Alpha Select Hedge Fund XL	347	174 <sup>2</sup>	Investment vehicle for multiple investors
UBS Life AG	320	57	Life insurance
UBS Alpha Select Hedge Fund	277	270 <sup>2</sup>	Fund
O'Connor Global Multi-Strategy Alpha (Levered) Limited	196	190 <sup>2</sup>	Investment vehicle for multiple investors
UBS Life Insurance Company USA	187	40	Life insurance
UBS Real Estate Investments Inc.	149	116	Real estate
Master Triple Net Holdings LLC	126	12	Real estate
UBS Multi-Manager Alternative Commodities Fund Ltd.	121	114 <sup>2</sup>	Fund

<sup>1</sup> Total assets and total equity on a standalone basis. <sup>2</sup> Represents the net asset value (NAV) of issued fund units. These fund units are subject to liability treatment in the Group Financial Statements under IFRS.



# Overview of Basel III exposures and risk-weighted assets

“Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets” and subsequent tables provide a breakdown according to BIS-defined exposure segments as follows:

- *Sovereigns*, consisting of exposures relating to sovereign states and their central banks, the BIS, the International Monetary Fund, the EU (including the European Central Bank) and eligible multilateral development banks.
- *Banks*, consisting of exposures to legal entities holding a banking license. This segment also includes securities firms subject to supervisory and regulatory arrangements, including risk-based capital requirements, which are comparable to those applied to banks according to the framework. This segment also includes exposures to public sector entities with tax-raising power or entities whose liabilities are fully guaranteed by a public entity.
- *Corporates*, consisting of all exposures that do not fit into any of the other exposure segments. This segment includes private commercial entities such as corporations, partnerships or proprietorships, insurance companies and funds (including managed funds).
- *Central counterparties* (CCP) are clearing houses that interpose themselves between counterparties to contracts traded in one or more financial markets, becoming the buyer to every seller and the seller to every buyer and thereby ensuring the future performance of open contracts. A CCP becomes counterparty to trades with market participants through novation, an open offer system, or another legally binding arrangement.
- *Retail, Residential mortgages*, consisting of residential mortgages, regardless of exposure size, if the debtor occupies or rents out the mortgaged property.
- *Retail, Lombard lending*, consisting of loans made against the pledge of eligible marketable securities or cash.
- *Retail, Qualifying revolving retail exposures*, consisting of unsecured revolving credits that exhibit appropriate loss char-

acteristics relating to credit card relationships treated under the advanced internal ratings-based (A-IRB) approach.

- *Retail, Other retail*, consisting of exposures to small businesses, private clients and other retail customers without mortgage financing.

Table 2 also shows the gross and net exposure at default (EAD) per risk type and exposure segment, which forms the basis for the calculation of the RWA as well as the capital requirement per exposure category. The Basel III credit risk-related component “Stressed expected positive exposure (SEPE)” is newly included in “Counterparty credit risk by exposure segment” while “Credit valuation adjustment (CVA)” is still disclosed separately in this table. Comparative figures for December 2014 have been restated accordingly.

Gross EAD decreased by CHF 19 billion to CHF 725 billion in the first half of 2015, primarily as a result of lower exposures to sovereigns and non-counterparty-related risk. The reduction in non-counterparty-related risk was mainly due to decreases related to defined benefit pension plans and deferred tax assets recognized for tax loss carry-forwards.

Capital requirements presented in the following tables are calculated based on our Swiss SRB Basel III total capital requirement of 12.6% of RWA as of 30 June 2015 and 11.1% of RWA as of 31 December 2014, respectively.

→ Refer to the table “Basel III risk-weighted assets by risk type, exposure and business divisions and Corporate Center units” in the “Capital management” section of our second quarter 2015 report for more information on RWA by business divisions and Corporate Center units

→ Refer to the table “Basel III RWA movement by key driver, risk type and reporting segment” in the “Capital management” section of our Annual Report 2014 for more information on RWA movements

**Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets**

30.6.15										
Basel III (phase-in)										
	Gross EAD		Net EAD		RWA <sup>1</sup>			Capital requirement		
	Total	A-IRB / model-based approach	Standardized approach	Total	A-IRB / model-based approach	Standardized approach	Total	A-IRB / model-based approach	Standardized approach	Total <sup>2</sup>
<i>CHF million</i>										
<b>Credit risk</b>	<b>706,589</b>	<b>520,337</b>	<b>166,412</b>	<b>686,749</b>	<b>84,069</b>	<b>23,285</b>	<b>107,354</b>	<b>10,616</b>	<b>2,940</b>	<b>13,556</b>
Counterparty credit risk by exposure segment <sup>3</sup>										
<i>Sovereigns</i>	152,467	87,334	65,132	152,467	992	176	1,168	125	22	147
<i>Banks</i>	55,313	44,393	8,699	53,091	7,017	1,939	8,956	886	245	1,131
<i>Corporates</i>	165,775	136,743	15,648	152,391	42,538	11,179	53,716	5,372	1,412	6,783
<i>Central counterparties</i>	72,768		68,567	68,567		3,349	3,349		423	423
<i>Retail</i>	253,492	245,317	8,174	253,490	23,504	3,906	27,409	2,968	493	3,461
<i>Residential mortgages</i>	136,860	130,928	5,931	136,859	17,596	2,223	19,819	2,222	281	2,503
<i>Lombard lending</i>	112,238	112,238		112,238	5,097		5,097	644		644
<i>Qualifying revolving retail exposures</i>	1,512	1,512		1,512	527		527	67		67
<i>Other retail</i>	2,882	638	2,243	2,881	283	1,683	1,966	36	212	248
Securitization / re-securitization in the banking book	5,125	5,125		5,125	1,273		1,273	161		161
Equity instruments in the banking book <sup>4</sup>	1,331	1,331		1,331	4,326		4,326	546		546
Credit valuation adjustment (CVA)					4,166	2,481	6,647	526	313	839
Settlement risk	318	95	193	287	253	256	509	32	32	64
<b>Non-counterparty-related risk</b>	<b>16,926</b>		<b>16,926</b>	<b>16,926</b>		<b>17,304</b>	<b>17,304</b>		<b>2,185</b>	<b>2,185</b>
Deferred tax assets	7,840		7,840	7,840		10,137	10,137		1,280	1,280
Property, equipment and software	6,973		6,973	6,973		6,973	6,973		881	881
Other	2,112		2,112	2,112		193	193		24	24
<b>Market risk</b>	<b>1,668</b>	<b>1,668</b>		<b>1,668</b>	<b>12,708</b>		<b>12,708</b>	<b>1,605</b>		<b>1,605</b>
Value-at-risk (VaR)					1,451		1,451	183		183
Stressed value-at-risk (SVaR)					3,192		3,192	403		403
Add-on for risks-not-in-VaR (RNIV)					4,460		4,460	563		563
Incremental risk charge (IRC)					2,543		2,543	321		321
Comprehensive risk measure (CRM)					103		103	13		13
Securitization / re-securitization in the trading book <sup>5</sup>	1,668	1,668		1,668	959		959	121		121
<b>Operational risk</b>					<b>74,723</b>		<b>74,723</b>	<b>9,436</b>		<b>9,436</b>
<i>of which: incremental RWA<sup>6</sup></i>					13,327		13,327	1,683		1,683
<b>Total Swiss SRB</b>	<b>725,183</b>	<b>522,006</b>	<b>183,337</b>	<b>705,343</b>	<b>171,500</b>	<b>40,589</b>	<b>212,088<sup>1</sup></b>	<b>21,656</b>	<b>5,125</b>	<b>26,782</b>

<sup>1</sup> Refer to the "Capital management" section of our second quarter 2015 report for more information on the differences between phase-in and fully applied RWA. <sup>2</sup> Calculated based on our Swiss SRB Basel III total capital requirement of 12.6% of RWA. <sup>3</sup> Includes sEPE, most of which relates to exposures to Banks and Corporates. <sup>4</sup> Simple risk weight method. <sup>5</sup> The EAD of securitization positions equals the fair value of the net long and net short securitization positions retained or purchased in the trading book. <sup>6</sup> Incremental RWA reflect the effect of the supplemental operational risk capital analysis mutually agreed by UBS and FINMA.

**Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets (continued)**

31.12.14										
Basel III (phase-in)										
	Gross EAD	Net EAD			RWA <sup>1</sup>			Capital requirement		
		A-IRB / model-based approach	Standardized approach	Total	A-IRB / model-based approach	Standardized approach	Total	A-IRB / model-based approach	Standardized approach	Total <sup>2</sup>
<i>CHF million</i>	Total									
<b>Credit risk</b>	<b>720,039</b>	<b>553,788</b>	<b>144,021</b>	<b>697,810</b>	<b>86,282</b>	<b>22,318</b>	<b>108,601</b>	<b>9,594</b>	<b>2,482</b>	<b>12,075</b>
Counterparty credit risk by exposure segment <sup>3</sup>	709,293	543,230	143,841	687,072	72,406	18,694	91,099	8,051	2,079	10,129
<i>Sovereigns</i>	166,261	108,939	57,321	166,261	1,319	189	1,508	147	21	168
<i>Banks</i>	59,302	48,628	7,916	56,544	8,070	2,360	10,430	897	262	1,160
<i>Corporates</i>	172,605	145,399	15,899	161,298	41,126	10,650	51,775	4,573	1,184	5,757
<i>Central counterparties</i>	54,291		54,291	54,291		1,478	1,478		164	164
<i>Retail</i>	256,834	240,263	8,414	248,678	21,892	4,017	25,909	2,434	447	2,881
<i>Residential mortgages</i>	137,159	131,121	6,038	137,159	15,767	2,234	18,002	1,753	248	2,002
<i>Lombard lending</i>	115,192	107,036		107,036	5,359		5,359	596		596
<i>Qualifying revolving retail exposures</i>	1,524	1,524		1,524	532		532	59		59
<i>Other retail</i>	2,959	582	2,376	2,959	233	1,783	2,016	26	198	224
Securitization / re-securitization in the banking book	9,048	9,048		9,048	2,650		2,650	295		295
Equity instruments in the banking book <sup>4</sup>	1,448	1,448		1,448	4,735		4,735	526		526
Credit valuation adjustment (CVA)					6,395	3,381	9,775	711	376	1,087
Settlement risk	250	62	180	242	96	244	340	11	27	38
<b>Non-counterparty-related risk</b>	<b>22,126</b>		<b>22,126</b>	<b>22,126</b>			<b>19,060</b>		<b>2,119</b>	<b>2,119</b>
Deferred tax assets	10,010		10,010	10,010			8,897		989	989
Property, equipment and software	6,760		6,760	6,760			6,760		752	752
Other	5,356		5,356	5,356		3,404	3,404		378	378
<b>Market risk</b>	<b>1,610</b>	<b>1,610</b>		<b>1,610</b>	<b>16,483</b>		<b>16,483</b>	<b>1,833</b>		<b>1,833</b>
Value-at-risk (VaR)					2,024		2,024	225		225
Stressed value-at-risk (SVaR)					4,115		4,115	458		458
Add-on for risks-not-in-VaR (RNIV)					5,911		5,911	657		657
Incremental risk charge (IRC)					3,039		3,039	338		338
Comprehensive risk measure (CRM)					131		131	15		15
Securitization / re-securitization in the trading book <sup>5</sup>	1,610	1,610		1,610	1,262		1,262	140		140
<b>Operational risk</b>					<b>76,734</b>		<b>76,734</b>	<b>8,532</b>		<b>8,532</b>
<i>of which: incremental RWA<sup>6</sup></i>					17,451		17,451	1,940		1,940
<b>Total Swiss SRB</b>	<b>743,774</b>	<b>555,398</b>	<b>166,147</b>	<b>721,545</b>	<b>179,498</b>	<b>41,379</b>	<b>220,877<sup>1</sup></b>	<b>19,958</b>	<b>4,601</b>	<b>24,559</b>

<sup>1</sup> Refer to the "Capital management" section of our Annual Report 2014 for more information on the differences between phase-in and fully applied RWA. <sup>2</sup> Calculated based on our Swiss SRB Basel III total capital requirement of 11.1% of RWA. <sup>3</sup> Includes sEPE, most of which relates to exposures to Banks and Corporates. <sup>4</sup> Simple risk weight method. <sup>5</sup> The EAD of securitization positions equals the fair value of the net long and net short securitization positions retained or purchased in the trading book. <sup>6</sup> Incremental RWA reflect the effect of the supplemental operational risk capital analysis mutually agreed by UBS and FINMA.

## Credit risk

The tables in this section provide details on the exposures used to determine the firm's credit risk-related regulatory capital requirement. The parameters applied under the A-IRB approach are generally based on the same methodologies, data and systems we use for internal credit risk quantification, except where certain treatments are specified by regulatory requirements. These include, for example, the application of regulatory prescribed floors and multipliers, and differences with respect to eligibility criteria and exposure definitions. The exposure information presented in this section therefore differs from our internal management view disclosed in the "Risk management and control" sections of our quarterly and annual reports. Similarly, the regulatory capital prescribed measure of credit risk exposure also differs from that required under IFRS. The following credit risk-related tables are based on Basel III phase-in requirements and correspond to the counterparty credit risk by exposure segment. Stressed expected positive exposure (sEPE) is newly included in counterparty credit risk and comparative figures for December 2014 have been restated accordingly in the following tables.

→ Refer to the "Risk management and control" section of our Annual Report 2014 for more information

The regulatory gross credit exposure for banking products is equal to the drawn loan amounts represented on the balance

sheet, with the exception of off-balance sheet commitments where the regulatory gross credit exposure is calculated by applying a credit conversion factor to the undrawn amount or contingent claim.

Within traded products, we determine the regulatory credit exposure on the majority of our derivatives portfolio by applying the effective EPE and sEPE as defined in the Basel III framework. However, for a small portion of the portfolio we apply the current exposure method (CEM) based on the replacement value of derivatives in combination with a regulatory prescribed add-on. For the majority of securities financing transactions (securities borrowing/lending and repurchase agreements/reverse repurchase agreements), we determine the regulatory gross credit exposure using the close-out period (COP) approach. The regulatory gross credit exposure for traded products is equal to regulatory net credit exposure in the credit risk tables on the following pages.

The regulatory net credit exposure detailed in the tables on the following pages is shown as the regulatory exposure at default after applying collateral, netting and other eligible risk mitigants permitted by the relevant regulations. The information on impaired and defaulted assets, consistent with the regulatory capital treatment, is presented in the "Impairment, default and credit loss" section of this report.

**Table 3: Regulatory gross credit risk by exposure segment and RWA**

This table shows the derivation of RWA from the regulatory gross credit exposure including sEPE broken down by major types of credit exposure according to classes of financial instruments.

CHF million	Exposure			Regulatory net credit exposure	Average regulatory risk weighting	RWA <sup>1</sup>
	Average regulatory gross credit exposure <sup>2</sup>	Regulatory gross credit exposure	Less: regulatory credit risk offsets and adjustments			
Cash and balances with central banks	75,543	83,412		83,412	0%	143
Due from banks <sup>3</sup>	11,946	12,535	(1,225)	11,309	24%	2,662
Loans	311,945	311,828	(12,751)	299,077	16%	47,316
Financial assets designated at fair value	3,063	2,918	(363)	2,555	31%	794
Guarantees, commitments and forward starting transactions	31,870	33,929	(4,295)	29,634	33%	9,714
<b>Banking products</b>	<b>434,368</b>	<b>444,622</b>	<b>(18,634)</b>	<b>425,988</b>	<b>14%</b>	<b>60,630</b>
Derivatives	81,490	76,187		76,187	23%	17,368
Cash collateral on derivative instruments	45,010	42,890		42,890	4%	1,731
Securities financing	56,772	58,430		58,430	8%	4,729
<b>Traded products</b>	<b>183,273</b>	<b>177,506</b>		<b>177,506</b>	<b>13%</b>	<b>23,829</b>
Trading portfolio assets	1,427	1,178		1,178	101%	1,184
Financial investments available-for-sale	67,374	65,206		65,206	2%	1,445
Other assets	11,632	11,303	(1,175)	10,128	74%	7,509
<b>Other products</b>	<b>80,433</b>	<b>77,686</b>	<b>(1,175)</b>	<b>76,511</b>	<b>13%</b>	<b>10,139</b>
<b>Total 30.6.15</b>	<b>698,073</b>	<b>699,814</b>	<b>(19,809)</b>	<b>680,005</b>	<b>14%</b>	<b>94,598</b>
Total 31.12.14	671,762	709,293	(22,221)	687,072	13%	91,099

<sup>1</sup> The derivation of RWA is based on the various credit risk parameters of the A-IRB approach and the standardized approach, respectively. <sup>2</sup> The average regulatory gross credit exposure represents the average of the applicable quarter-end exposures for the relevant reporting periods. <sup>3</sup> Includes non-bank financial institutions.

**Table 4: Regulatory gross credit exposure by geographical region**

This table provides a breakdown of our portfolio by major types of credit exposure including sEPE, presenting classes of financial instruments by geographical regions. The geographical distribution is based on the legal domicile of the counterparty or issuer.

<i>CHF million</i>	Asia Pacific	Latin America	Middle East and Africa	North America	Switzerland	Rest of Europe	Total regulatory gross credit exposure	Total regulatory net credit exposure
Cash and balances with central banks	2,834	1		40,310	32,488	7,779	83,412	83,412
Due from banks <sup>1</sup>	3,666	101	219	3,686	918	3,945	12,535	11,309
Loans	24,287	6,086	4,570	77,373	164,792	34,720	311,828	299,077
Financial assets designated at fair value	583	4		1,727	0	604	2,918	2,555
Guarantees, commitments and forward starting transactions	838	362	410	16,272	7,216	8,830	33,929	29,634
<b>Banking products</b>	<b>32,208</b>	<b>6,554</b>	<b>5,200</b>	<b>139,369</b>	<b>205,414</b>	<b>55,878</b>	<b>444,622</b>	<b>425,988</b>
Derivatives	8,209	843	428	26,038	6,297	34,373	76,187	76,187
Cash collateral on derivative instruments	4,916	473	82	17,776	211	19,431	42,890	42,890
Securities financing	4,901	349	1,084	25,450	2,091	24,555	58,430	58,430
<b>Traded products</b>	<b>18,026</b>	<b>1,665</b>	<b>1,594</b>	<b>69,264</b>	<b>8,598</b>	<b>78,359</b>	<b>177,506</b>	<b>177,506</b>
Trading portfolio assets	87	23	19	729	9	310	1,178	1,178
Financial investments available-for-sale	2,013	93		28,721	1,374	33,004	65,206	65,206
Other assets	581	74	37	5,422	1,203	3,986	11,303	10,128
<b>Other products</b>	<b>2,682</b>	<b>190</b>	<b>56</b>	<b>34,871</b>	<b>2,587</b>	<b>37,300</b>	<b>77,686</b>	<b>76,511</b>
<b>Total 30.6.15</b>	<b>52,915</b>	<b>8,409</b>	<b>6,850</b>	<b>243,504</b>	<b>216,599</b>	<b>171,537</b>	<b>699,814</b>	<b>680,005</b>
Total 31.12.14	55,198	8,658	7,632	261,607	211,551	164,646	709,293	687,072

<sup>1</sup> Includes non-bank financial institutions.

**Table 5: Regulatory gross credit exposure by counterparty type**

This table provides a breakdown of our portfolio by major types of credit exposure including sEPE, presenting classes of financial instruments by counterparty type. The counterparty type is different from the BIS-defined exposure segments used in certain other tables in this section.

<i>CHF million</i>	Private individuals	Corporates <sup>1</sup>	Public entities (including sovereigns and central banks)	Banks and multilateral institutions	Total regulatory gross credit exposure	Total regulatory net credit exposure
Cash and balances with central banks			83,099	313	83,412	83,412
Due from banks <sup>1</sup>			580	11,955	12,535	11,309
Loans	195,798	113,028	3,002		311,828	299,077
Financial assets designated at fair value		2,531		387	2,918	2,555
Guarantees, commitments and forward starting transactions	2,217	29,786	97	1,828	33,929	29,634
<b>Banking products</b>	<b>198,016</b>	<b>145,345</b>	<b>86,779</b>	<b>14,483</b>	<b>444,622</b>	<b>425,988</b>
Derivatives	2,330	45,133	5,555	23,168	76,187	76,187
Cash collateral on derivative financial instruments	48	41,783	232	828	42,890	42,890
Securities financing	76	41,267	3,915	13,173	58,430	58,430
<b>Traded products</b>	<b>2,453</b>	<b>128,183</b>	<b>9,702</b>	<b>37,169</b>	<b>177,506</b>	<b>177,506</b>
Trading portfolio assets		1,006	134	37	1,178	1,178
Financial investments available-for-sale		9,738	39,629	15,839	65,206	65,206
Other assets	4,361	4,140	1,559	1,242	11,303	10,128
<b>Other products</b>	<b>4,361</b>	<b>14,884</b>	<b>41,322</b>	<b>17,119</b>	<b>77,686</b>	<b>76,511</b>
<b>Total 30.6.15</b>	<b>204,830</b>	<b>288,411</b>	<b>137,802</b>	<b>68,770</b>	<b>699,814</b>	<b>680,005</b>
Total 31.12.14	205,470	283,300	153,477	67,046	709,293	687,072

<sup>1</sup> Includes non-bank financial institutions.

**Table 6: Regulatory gross credit exposure by residual contractual maturity**

This table provides a breakdown of our portfolio by major types of credit exposure including sEPE, presenting classes of financial instruments by residual contractual maturity, not taking into account any early redemption features.

<i>CHF million</i>	On demand <sup>1</sup>	Due in 1 year or less	Due between 1 year and 5 years	Due over 5 years	Total regulatory gross credit exposure	Total regulatory net credit exposure
Cash and balances with central banks	83,412				<b>83,412</b>	83,412
Due from banks <sup>2</sup>	10,525	1,887	98	25	<b>12,535</b>	11,309
Loans	40,163	153,674	70,015	47,977	<b>311,828</b>	299,077
Financial assets designated at fair value		589	1,978	352	<b>2,918</b>	2,555
Guarantees, commitments and forward starting transactions	87	11,203	19,427	3,212	<b>33,929</b>	29,634
<b>Banking products</b>	<b>134,187</b>	<b>167,353</b>	<b>91,517</b>	<b>51,565</b>	<b>444,622</b>	<b>425,988</b>
Derivatives	990	45,052	16,220	13,924	<b>76,187</b>	76,187
Cash collateral on derivative instruments	9,119	7,251	9,156	17,363	<b>42,890</b>	42,890
Securities financing	44,415	13,445	571		<b>58,430</b>	58,430
<b>Traded products</b>	<b>54,524</b>	<b>65,748</b>	<b>25,947</b>	<b>31,288</b>	<b>177,506</b>	<b>177,506</b>
Trading portfolio assets		225	424	528	<b>1,178</b>	1,178
Financial investments available-for-sale	29	25,243	35,937	3,997	<b>65,206</b>	65,206
Other assets	7,057	1,202	1,604	1,440	<b>11,303</b>	10,128
<b>Other products</b>	<b>7,085</b>	<b>26,670</b>	<b>37,965</b>	<b>5,965</b>	<b>77,686</b>	<b>76,511</b>
<b>Total 30.6.15</b>	<b>195,796</b>	<b>259,771</b>	<b>155,429</b>	<b>88,817</b>	<b>699,814</b>	<b>680,005</b>
Total 31.12.14	239,564	250,598	141,195	77,935	709,293	687,072

<sup>1</sup> Includes loans without a fixed term, collateral swaps and cash collateral on derivative instruments and securities financing transactions, on which notice of termination has not been given. <sup>2</sup> Includes non-bank financial institutions.

**Table 7: Derivation of regulatory net credit exposure**

This table provides a derivation of the regulatory net credit exposure from the regulatory gross credit exposure including sEPE according to the A-IRB approach and the standardized approach.

<i>CHF million</i>	Advanced IRB approach	Standardized approach	Total 30.6.15	Total 31.12.14
<b>Total regulatory gross credit exposure</b>	522,967	176,847	<b>699,814</b>	709,293
Less: regulatory credit risk offsets and adjustments	(9,181)	(10,628)	<b>(19,809)</b>	(22,221)
<b>Total regulatory net credit exposure</b>	<b>513,786</b>	<b>166,219</b>	<b>680,005</b>	
Total 31.12.14	543,230	143,841		687,072

→ Refer to the "Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets" section of this report for more information on the regulatory net credit exposure by exposure segment

**Table 8: Regulatory gross credit exposure covered by guarantees and credit derivatives**

This table provides a breakdown of regulatory gross credit exposures including sEPE covered by guarantees and credit derivatives, according to BIS-defined exposure segments. The amounts in the table reflect the values used for determining regulatory capital to the extent collateral is eligible under the BIS framework.

<i>CHF million</i>	Regulatory gross credit exposure	<i>of which: covered by guarantees<sup>1</sup></i>	<i>of which: covered by credit derivatives</i>
<b>Exposure segment</b>			
Sovereigns	152,467	117	9
Banks	55,313	248	
Corporates	165,775	3,455	6,964
Central counterparties	72,768		
Retail			
<i>Residential mortgages</i>	136,860	2	
<i>Lombard lending</i>	112,238	570	
<i>Qualifying revolving retail exposures</i>	1,512	55	
<i>Other retail</i>	2,882	2	
<b>Total 30.6.15</b>	<b>699,814</b>	<b>4,448</b>	<b>6,972</b>
Total 31.12.14	709,293	4,507	9,392

<sup>1</sup> Includes guarantees and standby letters of credit provided by third parties, mainly banks.



## Advanced internal ratings-based approach

UBS uses the advanced internal ratings-based (A-IRB) approach for calculating certain credit risk exposures. Under the A-IRB approach, the required capital for credit risk is quantified through empirical models that we have developed to estimate the probability of default (PD), loss given default (LGD), exposure at default (EAD) and other parameters, subject to FINMA approval.

→ Refer to the “Risk management and control” section of our Annual Report 2014 for more information

Tables 9a to 9g provide a breakdown of the regulatory net credit exposure, weighted average PD, LGD, RWA and the average risk weight under the A-IRB approach by internal UBS ratings across BIS-defined exposure segments.

In line with the numbers presented in table 2, impaired and defaulted assets and sEPE are now included in tables 9a through 9g. Comparative figures for December 2014 have been restated accordingly.

**Table 9a: Sovereigns – A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings**

CHF million, except where indicated	30.6.15					
	Regulatory net credit exposure	of which: loan commitments	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
<b>Investment grade</b>						
Rating 0	78,093	3	0.0	29.2	0	0.0
Rating 1	3,989	96	0.0	30.5	137	3.4
Rating 2	1,966		0.0	40.6	198	10.1
Rating 3	2,683		0.1	50.0	360	13.4
Rating 4	124		0.2	67.8	53	43.0
Rating 5	429	9	0.4	41.6	200	46.6
<b>Sub-investment grade</b>						
Rating 6	9		0.6	18.5	3	31.7
Rating 7	3	0	1.0	13.0	1	27.3
Rating 8	2	0	1.7	59.9	3	130.8
Rating 9	6	0	2.7	13.3	3	44.3
Rating 10	6		4.6	40.9	9	137.6
Rating 11	3	0	7.8	13.0	1	52.9
Rating 12	6		13.0	27.3	8	130.9
Rating 13	0		22.0	10.0	0	60.3
Impaired and defaulted <sup>2</sup>	16	1			16	106.0
<b>Total 30.6.15</b>	<b>87,334</b>	<b>109</b>	<b>0.0<sup>2</sup></b>	<b>30.3<sup>2</sup></b>	<b>992</b>	<b>1.1</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets.

CHF million, except where indicated	31.12.14					
	Regulatory net credit exposure	of which: loan commitments	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
<b>Investment grade</b>						
Rating 0	95,107	1	0.0	33.1	29	0.0
Rating 1	6,888	79	0.0	32.9	243	3.5
Rating 2	2,277	4	0.0	44.2	223	9.8
Rating 3	4,142		0.1	51.6	584	14.1
Rating 4	185		0.2	58.9	67	36.4
Rating 5	286		0.4	42.4	126	44.0
<b>Sub-investment grade</b>						
Rating 6	8		0.6	10.2	2	21.0
Rating 7	9	0	1.0	42.6	6	63.0
Rating 8	1		1.7	85.8	1	175.7
Rating 9	7	0	2.7	12.6	3	42.3
Rating 10	3		4.6	39.8	4	121.8
Rating 11	1	0	7.8	16.1	0	66.4
Rating 12	9		13.0	30.7	13	154.3
Rating 13	0		22.0	10.0	0	54.5
Impaired and defaulted <sup>2</sup>	17	1			18	106.0
<b>Total 31.12.14</b>	<b>108,939</b>	<b>84</b>	<b>0.0<sup>2</sup></b>	<b>34.1<sup>2</sup></b>	<b>1,319</b>	<b>1.2</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets. Refer to the “Risk management and control” section of our Annual Report 2014 for impaired and defaulted figures.

**Table 9b: Banks – A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings**

30.6.15						
<i>CHF million, except where indicated</i>	Regulatory net credit exposure	<i>of which: loan commitments</i>	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
<b>Investment grade</b>						
Rating 0						
Rating 1						
Rating 2	23,957	1,965	0.0	37.5	2,358	9.8
Rating 3	12,441	3,125	0.1	39.5	1,418	11.4
Rating 4	3,983	692	0.2	39.1	1,047	26.3
Rating 5	1,900	12	0.4	41.8	865	45.5
<b>Sub-investment grade</b>						
Rating 6	1,075	118	0.6	44.3	618	57.5
Rating 7	579	185	1.0	36.8	335	57.8
Rating 8	133	52	1.7	33.8	66	49.5
Rating 9	174	19	2.7	38.8	185	106.2
Rating 10	113	81	4.6	36.4	51	45.5
Rating 11	24		7.8	44.8	44	185.0
Rating 12	13	0	13.0	43.4	27	218.1
Rating 13	1		22.0	34.8	3	207.9
Impaired and defaulted <sup>2</sup>	0				0	106.0
<b>Total 30.6.15</b>	<b>44,393</b>	<b>6,248</b>	<b>0.1<sup>2</sup></b>	<b>38.5<sup>2</sup></b>	<b>7,017</b>	<b>15.8</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets.

31.12.14						
<i>CHF million, except where indicated</i>	Regulatory net credit exposure	<i>of which: loan commitments</i>	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
<b>Investment grade</b>						
Rating 0						
Rating 1						
Rating 2	29,231	5,550	0.0	35.9	2,859	9.8
Rating 3	12,022	1,567	0.1	35.6	2,028	16.9
Rating 4	3,644	106	0.2	39.3	1,135	31.1
Rating 5	2,197	6	0.4	44.9	940	42.8
<b>Sub-investment grade</b>						
Rating 6	779	7	0.6	43.0	484	62.1
Rating 7	425		1.0	43.9	253	59.5
Rating 8	80		1.7	30.6	58	72.6
Rating 9	141		2.7	36.2	149	105.5
Rating 10	45		4.6	35.5	53	116.8
Rating 11	31		7.8	43.0	56	179.5
Rating 12	11	1	13.0	43.3	25	225.5
Rating 13	5		22.0	43.6	12	259.1
Impaired and defaulted <sup>2</sup>	17				18	106.0
<b>Total 31.12.14</b>	<b>48,628</b>	<b>7,236</b>	<b>0.1<sup>2</sup></b>	<b>36.7<sup>2</sup></b>	<b>8,070</b>	<b>16.6</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets. Refer to the "Risk management and control" section of our Annual Report 2014 for impaired and defaulted figures.

**Table 9c: Corporates – A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings**

CHF million, except where indicated	30.6.15					
	Regulatory net credit exposure	of which: loan commitments	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
Investment grade						
Rating 0						
Rating 1						
Rating 2	44,950	2,345	0.0	18.4	4,755	10.6
Rating 3	17,410	4,745	0.1	33.3	3,806	21.9
Rating 4	14,468	1,521	0.2	34.3	4,179	28.9
Rating 5	10,983	948	0.4	36.4	5,031	45.8
Sub-investment grade						
Rating 6	12,779	407	0.6	28.0	6,030	47.2
Rating 7	12,907	867	1.0	24.3	6,147	47.6
Rating 8	10,027	1,019	1.7	17.5	4,091	40.8
Rating 9	6,174	435	2.7	21.0	3,430	55.6
Rating 10	3,710	1,033	4.6	18.5	2,241	60.4
Rating 11	1,253	390	7.8	17.4	836	66.7
Rating 12	418	97	13.0	15.6	287	68.7
Rating 13	191	6	22.0	14.2	143	75.0
Impaired and defaulted <sup>2</sup>	1,473	9			1,561	106.0
<b>Total 30.6.15</b>	<b>136,743<sup>3</sup></b>	<b>13,822</b>	<b>0.7<sup>2</sup></b>	<b>25.1<sup>2</sup></b>	<b>42,538<sup>4</sup></b>	<b>31.1</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets. <sup>3</sup> Includes exposures to managed funds with a regulatory net credit exposure of approximately CHF 38,963 million. Typically these funds have virtually no debt, are very low risk, and thus have very low A-IRB risk weights. <sup>4</sup> Includes high volatility commercial real estate (HVCRE) exposures related to specialized lending secured by properties sharing higher volatilities in portfolio default rates (RWA: CHF 120 million as of 30 June 2015).

CHF million, except where indicated	31.12.14					
	Regulatory net credit exposure	of which: loan commitments	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
Investment grade						
Rating 0						
Rating 1						
Rating 2	53,700	2,568	0.0	19.2	3,744	7.0
Rating 3	20,974	5,431	0.1	36.8	4,108	19.6
Rating 4	11,427	1,354	0.2	37.9	3,728	32.6
Rating 5	12,071	992	0.4	36.4	5,417	44.9
Sub-investment grade						
Rating 6	13,741	708	0.6	26.9	6,114	44.5
Rating 7	12,287	500	1.0	22.8	5,424	44.1
Rating 8	8,250	611	1.7	18.5	3,492	42.3
Rating 9	5,579	586	2.7	20.8	3,038	54.4
Rating 10	3,994	1,575	4.6	21.1	3,028	75.8
Rating 11	1,416	452	7.8	17.5	1,068	75.4
Rating 12	300	82	13.0	14.6	186	62.1
Rating 13	108	21	22.0	23.1	135	124.3
Impaired and defaulted <sup>2</sup>	1,552	4			1,645	106.0
<b>Total 31.12.14</b>	<b>145,399<sup>3</sup></b>	<b>14,884</b>	<b>0.7<sup>2</sup></b>	<b>25.8<sup>2</sup></b>	<b>41,126<sup>4</sup></b>	<b>28.3</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets. Refer to the "Risk management and control" section of our Annual Report 2014 for impaired and defaulted figures. <sup>3</sup> Includes exposures to managed funds with a regulatory net credit exposure of approximately CHF 45,653 million. Typically these funds have virtually no debt, are very low risk, and thus have very low A-IRB risk weights. <sup>4</sup> Includes high volatility commercial real estate (HVCRE) exposures related to specialized lending secured by properties sharing higher volatilities in portfolio default rates (RWA: CHF 159 million as of 31 December 2014).

**Table 9d: Residential mortgages – A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings**

CHF million, except where indicated	30.6.15					
	Regulatory net credit exposure	of which: loan commitments	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
Investment grade						
Rating 0						
Rating 1						
Rating 2	37,982	167	0.0	10.6	687	1.8
Rating 3	16,615	47	0.1	11.0	621	3.7
Rating 4	17,340	50	0.2	11.2	1,160	6.7
Rating 5	15,133	49	0.4	11.4	1,622	10.7
Sub-investment grade						
Rating 6	11,583	49	0.6	12.4	1,796	15.5
Rating 7	11,611	199	1.0	12.1	2,518	21.7
Rating 8	9,010	65	1.7	12.1	2,733	30.3
Rating 9	5,736	22	2.7	11.3	2,379	41.5
Rating 10	3,145	13	4.6	10.9	1,741	55.4
Rating 11	1,454	6	7.8	10.8	1,051	72.3
Rating 12	587	4	13.0	10.8	516	87.9
Rating 13	223	3	22.0	11.1	230	103.4
Impaired and defaulted <sup>2</sup>	509	0			540	106.0
<b>Total 30.6.15</b>	<b>130,928</b>	<b>674</b>	<b>0.8<sup>2</sup></b>	<b>11.3<sup>2</sup></b>	<b>17,596</b>	<b>13.4</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets.

CHF million, except where indicated	31.12.14					
	Regulatory net credit exposure	of which: loan commitments	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
Investment grade						
Rating 0						
Rating 1						
Rating 2	37,281	156	0.0	10.6	579	1.6
Rating 3	16,673	45	0.1	11.0	540	3.2
Rating 4	17,109	48	0.2	11.2	995	5.8
Rating 5	15,197	47	0.4	11.4	1,433	9.4
Sub-investment grade						
Rating 6	11,824	60	0.6	12.4	1,658	14.0
Rating 7	12,011	236	1.0	12.0	2,331	19.4
Rating 8	9,318	57	1.7	12.1	2,517	27.0
Rating 9	5,829	34	2.7	11.3	2,132	36.6
Rating 10	3,144	9	4.6	11.0	1,525	48.5
Rating 11	1,452	13	7.8	10.8	909	62.6
Rating 12	581	4	13.0	10.8	443	76.3
Rating 13	224	5	22.0	11.0	199	89.1
Impaired and defaulted <sup>2</sup>	477				506	106.0
<b>Total 31.12.14</b>	<b>131,121</b>	<b>714</b>	<b>0.8<sup>2</sup></b>	<b>11.3<sup>2</sup></b>	<b>15,767</b>	<b>12.0</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets. Refer to the "Risk management and control" section of our Annual Report 2014 for impaired and defaulted figures.

**Table 9e: Lombard lending – A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings**

	30.6.15					
<i>CHF million, except where indicated</i>	Regulatory net credit exposure	<i>of which: loan commitments</i>	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
Investment grade						
Rating 0						
Rating 1						
Rating 2	59,044	205	0.0	20.0	1,467	2.5
Rating 3	38,317	65	0.1	20.0	1,568	4.1
Rating 4	2,999	3	0.2	20.0	179	6.0
Rating 5	6,819	7	0.4	20.0	832	12.2
Sub-investment grade						
Rating 6	2,374	10	0.6	20.0	383	16.1
Rating 7	1,345	1	1.0	20.0	259	19.3
Rating 8	389	15	1.7	20.0	101	25.9
Rating 9	104		2.7	20.0	30	29.1
Rating 10	488	26	4.6	20.0	151	31.1
Rating 11	348	11	7.8	20.0	116	33.3
Rating 12						
Rating 13						
Impaired and defaulted <sup>2</sup>	11				11	106.0
<b>Total 30.6.15</b>	<b>112,238</b>	<b>343</b>	<b>0.2<sup>2</sup></b>	<b>20.0<sup>2</sup></b>	<b>5,097</b>	<b>4.5</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets.

	31.12.14					
<i>CHF million, except where indicated</i>	Regulatory net credit exposure	<i>of which: loan commitments</i>	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
Investment grade						
Rating 0						
Rating 1						
Rating 2	56,020	199	0.0	20.0	1,473	2.6
Rating 3	35,336	102	0.1	20.0	1,577	4.5
Rating 4	3,257	6	0.2	20.0	250	7.7
Rating 5	6,651	32	0.4	19.6	807	12.1
Sub-investment grade						
Rating 6	3,007	2	0.6	20.0	520	17.3
Rating 7	1,463	1	1.0	20.0	315	21.6
Rating 8	358	11	1.7	20.2	111	31.0
Rating 9	38		2.7	20.0	11	29.1
Rating 10	503	28	4.6	20.0	156	31.0
Rating 11	398	11	7.8	20.0	132	33.3
Rating 12						
Rating 13						
Impaired and defaulted <sup>2</sup>	6				6	106.0
<b>Total 31.12.14</b>	<b>107,036</b>	<b>393</b>	<b>0.2<sup>2</sup></b>	<b>20.0<sup>2</sup></b>	<b>5,359</b>	<b>5.0</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets. Refer to the "Risk management and control" section of our Annual Report 2014 for impaired and defaulted figures.

**Table 9f: Qualifying revolving retail exposures – A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings**

	30.6.15					
<i>CHF million, except where indicated</i>	Regulatory net credit exposure	<i>of which: loan commitments</i>	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
Investment grade						
Rating 0						
Rating 1						
Rating 2						
Rating 3						
Rating 4						
Rating 5						
Sub-investment grade						
Rating 6						
Rating 7						
Rating 8	132		1.7	47.0	37	28.0
Rating 9	1,373		2.7	42.0	483	35.2
Rating 10						
Rating 11						
Rating 12						
Rating 13						
Impaired and defaulted <sup>2</sup>	7				7	106.0
<b>Total 30.6.15</b>	<b>1,512</b>		<b>2.6<sup>2</sup></b>	<b>42.4<sup>2</sup></b>	<b>527</b>	<b>34.9</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets.

	31.12.14					
<i>CHF million, except where indicated</i>	Regulatory net credit exposure	<i>of which: loan commitments</i>	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
Investment grade						
Rating 0						
Rating 1						
Rating 2						
Rating 3						
Rating 4						
Rating 5						
Sub-investment grade						
Rating 6						
Rating 7						
Rating 8	124		1.7	47.0	35	28.0
Rating 9	1,394		2.7	42.0	490	35.2
Rating 10						
Rating 11						
Rating 12						
Rating 13						
Impaired and defaulted <sup>2</sup>	7				7	106.0
<b>Total 31.12.14</b>	<b>1,524</b>		<b>2.6<sup>2</sup></b>	<b>42.4<sup>2</sup></b>	<b>532</b>	<b>34.9</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets. Refer to the "Risk management and control" section of our Annual Report 2014 for impaired and defaulted figures.

**Table 9g: Other Retail – A-IRB approach: Regulatory net credit exposure, weighted average PD, LGD and RWA by internal UBS ratings**

	30.6.15					
<i>CHF million, except where indicated</i>	Regulatory net credit exposure	<i>of which: loan commitments</i>	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
Investment grade						
Rating 0						
Rating 1						
Rating 2	152		0.0	17.8	6	3.9
Rating 3	25		0.1	17.0	1	4.0
Rating 4	5		0.2	7.8	0	3.2
Rating 5	8		0.4	12.1	1	8.1
Sub-investment grade						
Rating 6	5		0.6	15.5	1	14.3
Rating 7	206		1.0	40.0	90	43.8
Rating 8	5		1.7	40.0	2	48.6
Rating 9	204	2	2.7	55.5	164	80.5
Rating 10	12		4.6	33.3	6	52.7
Rating 11	6		7.8	33.0	3	55.1
Rating 12	1		13.0	28.3	0	51.1
Rating 13						
Impaired and defaulted <sup>2</sup>	7				8	106.0
<b>Total 30.6.15</b>	<b>638</b>	<b>2</b>	<b>1.4<sup>2</sup></b>	<b>37.7<sup>2</sup></b>	<b>283</b>	<b>44.4</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets.

	31.12.14					
<i>CHF million, except where indicated</i>	Regulatory net credit exposure	<i>of which: loan commitments</i>	Average PD in % <sup>1</sup>	Average LGD in %	RWA	Average risk weight in %
Investment grade						
Rating 0						
Rating 1						
Rating 2	146		0.0	18.0	7	4.8
Rating 3	63		0.1	18.4	3	4.3
Rating 4	7		0.2	12.4	0	5.1
Rating 5	10		0.4	11.3	1	7.3
Sub-investment grade						
Rating 6	2		0.6	14.1	0	12.9
Rating 7	107		1.0	32.8	38	35.7
Rating 8	3		1.7	22.7	1	28.1
Rating 9	217	1	2.7	51.8	163	75.0
Rating 10	8		4.6	26.4	3	42.0
Rating 11	10		7.8	49.7	8	81.1
Rating 12	0		13.0	16.5	0	30.2
Rating 13						
Impaired and defaulted <sup>2</sup>	8				9	106.0
<b>Total 31.12.14</b>	<b>582</b>	<b>1</b>	<b>1.5<sup>2</sup></b>	<b>34.1<sup>2</sup></b>	<b>233</b>	<b>40.1</b>

<sup>1</sup> Average PD for the internal rating categories are based on midpoint values. <sup>2</sup> Weighted average PD and LGD exclude impaired and defaulted assets. Refer to the "Risk management and control" section of our Annual Report 2014 for impaired and defaulted figures.



## Standardized approach

The standardized approach is generally applied where it is not possible to use the A-IRB approach. The standardized approach requires banks to use risk assessments prepared by external credit assessment institutions (ECAI) or export credit agencies to determine the risk weightings applied to rated counterparties. We use FINMA-recognized ECAI risk assessments to determine

the risk weight for certain counterparties according to the BIS-defined exposure segments.

We use three FINMA-recognized ECAI for this purpose: Standard & Poor's Ratings Group, Moody's Investors Service and Fitch Ratings. The mapping of external ratings to the standardized approach risk weights is determined by FINMA and published on its website.

**Table 10a: Regulatory gross and net credit exposure by risk weight under the standardized approach**

This table provides a breakdown of the regulatory gross and net credit exposure by risk weight according to BIS-defined exposure segments for those credit exposures for which we apply the standardized approach.

CHF million Risk weight	Total exposure					Total exposure	
	0%	>0–20%	21–50%	51–100%	over 100%	30.6.15	31.12.14
<b>Regulatory gross credit exposure</b>							
Sovereigns	64,774	103	205	45	5	65,132	57,321
Banks		8,129	513	118		8,760	8,044
Corporates	2	4,996	966	16,027	21	22,012	21,065
Central counterparties	31,822 <sup>1</sup>	39,947	364	92	543	72,768	54,291
Retail							
Residential mortgages			5,662	269		5,932	6,038
Lombard lending							
Qualifying revolving retail exposures							
Other retail				2,244		2,244	2,377
<b>Total 30.6.15</b>	<b>96,598</b>	<b>53,175</b>	<b>7,710</b>	<b>18,795</b>	<b>570</b>	<b>176,847</b>	
Total 31.12.14	86,387	35,861	9,823	16,823	243		149,136
<b>Regulatory net credit exposure</b>							
Sovereigns	64,774	103	205	45	5	65,132	57,321
Banks		8,129	513	57		8,699	7,916
Corporates	2	4,996	958	9,671	21	15,648	15,899
Central counterparties	31,822 <sup>1</sup>	35,746	364	92	543	68,567	54,291
Retail							
Residential mortgages			5,662	268		5,931	6,038
Lombard lending							
Qualifying revolving retail exposures							
Other retail				2,243		2,243	2,376
<b>Total 30.6.15</b>	<b>96,598</b>	<b>48,974</b>	<b>7,702</b>	<b>12,376</b>	<b>570</b>	<b>166,219</b>	
Total 31.12.14	86,387	35,859	9,705	11,662	228		143,841

<sup>1</sup> A risk weight of 0% is applied for trades UBS has entered into with central counterparties on behalf of its client and where the client has signed a legally enforceable agreement reflecting that the default risk of that central counterparty is carried by the client.

**Table 10b: Regulatory net credit exposure under the standardized approach risk weighted using external ratings**

This table provides a breakdown of the rated and unrated regulatory net credit exposure by ECAI and by risk weight according to BIS-defined exposure segments for those credit exposures for which we apply the standardized approach.

<i>CHF million</i>		Total exposure					Total exposure	
<i>Risk weight</i>		0%	>0–20%	21–50%	51–100%	over 100%	30.6.15	31.12.14
<b>Regulatory net credit exposure<sup>1</sup></b>								
Sovereigns	Rated <sup>2</sup>	64,736	103	205	0	5	65,049	57,249
	Unrated	39			45		83	72
Banks	Rated <sup>2</sup>		4,389	21	14		4,424	3,720
	Unrated		3,740	492	43		4,275	4,196
Corporates	Rated <sup>2</sup>		4,996	958	54	4	6,012	7,038
	Unrated	2			9,618	17	9,637	8,861
Central counterparties	Rated <sup>2</sup>	4,282 <sup>3</sup>	1,774				6,056	196
	Unrated <sup>4</sup>	27,540 <sup>3</sup>	33,972	364	92	543	62,511	54,095
Retail	Rated <sup>2</sup>							
	Unrated			5,662	2,511		8,174	8,414
<b>Total 30.6.15</b>		<b>96,598</b>	<b>48,974</b>	<b>7,702</b>	<b>12,376</b>	<b>570</b>	<b>166,219</b>	
Total 31.12.14		86,387	35,859	9,705	11,662	228		143,841

<sup>1</sup> For a breakdown of securitization exposures by risk weight bands and rating clusters refer to tables 27a to 27c (banking book) and 31a to 31c (trading book) of this report. <sup>2</sup> We use three FINMA recognized ECAI for this purpose: Standard & Poor's Ratings Group, Moody's Investors Service and Fitch Ratings. <sup>3</sup> A risk weight of 0% is applied for trades UBS has entered into with central counterparties on behalf of its client and where the client has signed a legally enforceable agreement reflecting that the default risk of that central counterparty is carried by the client. <sup>4</sup> In accordance with the regulations based on the Basel III framework, external ratings are not used for the risk weighting of trades with qualifying central counterparties.

**Table 11: Eligible financial collateral recognized under standardized approach**

This table provides a breakdown of the financial collateral eligible for recognition in the regulatory capital calculation under the standardized approach, according to BIS-defined exposure segments.

<i>CHF million</i>	Regulatory net credit exposure under standardized approach		Eligible financial collateral recognized in capital calculation <sup>1</sup>	
	30.6.15	31.12.14	30.6.15	31.12.14
<b>Exposure segment</b>				
Sovereigns	65,132	57,321	3	3
Banks	8,699	7,916	1,058	1,662
Corporates	15,648	15,899	8,408	6,604
Central counterparties	68,567	54,291	29,824	9,465
Retail				
<i>Residential mortgages</i>	5,931	6,038	1	
<i>Lombard lending</i>				
<i>Qualifying revolving retail exposures</i>				
<i>Other retail</i>	2,243	2,376	36	19
<b>Total</b>	<b>166,219</b>	<b>143,841</b>	<b>39,331</b>	<b>17,752</b>

<sup>1</sup> Reflects the impact of the application of regulatory haircuts for exposures not covered under an internal exposure model. The eligible financial collateral recognized in the capital calculation is based on the difference between the regulatory gross credit exposure and the regulatory net credit exposure.

## Impairment, default and credit loss

The "Risk management and control" section and "Note 12 Allowances and provisions for credit losses" in the "Financial information" section of our Annual Report 2014 provide additional information on the impaired, default and credit loss-related disclosures.

**Table 12: Impaired assets by geographical region**

This table shows a breakdown by region of credit exposures arising from impaired assets as well as corresponding allowances and provisions for credit losses. Impaired asset exposures include loans, guarantees, loan commitments and securities financing transactions.

<i>CHF million</i>	Impaired assets	Specific allowances and provisions	Impaired assets net of specific allowances and provisions	Collective allowances and provisions	Total allowances and provisions 30.6.15	Total allowances and provisions 31.12.14
Asia Pacific	51	(38)	13	0	(38)	(38)
Latin America	20	(17)	2	0	(17)	(19)
Middle East and Africa	11	(6)	6	0	(6)	(22)
North America	67	(46)	21	(1)	(47)	(50)
Switzerland	924	(378)	546	(4)	(382)	(411)
Rest of Europe	230	(156)	74	0	(156)	(194)
<b>Total 30.6.15</b>	<b>1,303</b>	<b>(640)</b>	<b>663</b>	<b>(6)</b>	<b>(646)</b>	
Total 31.12.14	1,396	(727)	668	(8)		(735)

**Table 13: Impaired assets by exposure segment**

This table provides a breakdown by exposure segment of credit exposures arising from impaired assets as well as corresponding allowances and provisions for credit losses.

<i>CHF million</i>	Impaired assets	Specific allowances and provisions	Collective allowances and provisions	Total allowances and provisions 30.6.15	Write-offs for the six-month period ended 30.6.15	Total allowances and provisions 31.12.14
Sovereigns	13	(10)	0	(10)	0	(11)
Banks	7	(6)	0	(6)	0	(15)
Corporates	1,024	(505)	0	(505)	(97)	(560)
Central counterparties	0	0	0	0	0	0
Retail						
<i>Residential mortgages</i>	130	(38)	0	(38)	0	(38)
<i>Lombard lending</i>	54	(49)	0	(49)	(1)	(54)
<i>Qualifying revolving other retail exposures</i>	23	(16)	0	(16)	(12)	(16)
<i>Other retail</i>	52	(16)	(1)	(17)	(1)	(36)
Not allocated segment <sup>1</sup>	0	0	(4)	(4)	0	(5)
<b>Total 30.6.15</b>	<b>1,303</b>	<b>(640)</b>	<b>(6)</b>	<b>(646)</b>	<b>(112)</b>	
Total 31.12.14	1,396	(727)	(8)		(154)	(735)

<sup>1</sup> With the exception of Wealth Management Americas lombard lending, collective loan loss allowances are not allocated to individual counterparties.

**Table 14: Changes in allowances and provisions**

This table provides a breakdown of movements in the specific and collective allowances and provisions for credit losses for impaired assets.

→ Refer to “Note 12 Allowances and provisions for credit losses” in the “Financial information” section of our Annual Report 2014 for more information

<i>CHF million</i>	Specific allowances and provisions for banking products and securities financing	Collective allowances	For the six-month period ended 30.6.15	For the year ended 31.12.14
<b>Balance at the beginning of the period</b>	727	8	735	750
Write-offs / usage of provisions	(111)	(1)	(112)	(154)
Recoveries	27	0	28	29
Increase / (decrease)	30	(1)	29	78
Foreign currency translations	(31)	0	(31)	21
Other	(3)		(3)	11
<b>Balance at the end of the period</b>	<b>640</b>	<b>6</b>	<b>646</b>	<b>735</b>

**Table 15: Total actual and expected credit losses**

This table provides a breakdown by exposure segment of the actual credit (loss)/recovery amount (including credit valuation adjustments on derivatives) recognized in our income statement, as well as the corresponding expected loss. A comparison of our expected loss versus actual loss for 2015 will be provided in our full-year Basel III Pillar 3 disclosure to be included in our Annual Report 2015.

→ Refer to “Comparison of actual versus expected loss” in the “Risk management and control” section of our Annual Report 2014 for more information

<i>CHF million</i>	Actual loss <sup>1</sup> For the six-month period ended 30.6.15	Expected loss As of 31.12.13 for the year ended 31.12.14	Actual loss <sup>1</sup> For the year ended 31.12.14
Sovereigns		(2)	(1)
Banks	21	(39)	(18)
Corporates	(29)	(189)	(135)
Central counterparties		0	0
Retail			
Residential mortgages	(4)	(111)	1
Lombard lending	1	(30)	12
Qualifying revolving other retail exposures	(1)	(16)	(5)
Other retail	6	(5)	(2)
Not allocated segment <sup>2</sup>	5		15
<b>Total gain (loss)</b>	<b>(1)</b>	<b>(392)</b>	<b>(133)</b>

<sup>1</sup> Reflects credit losses recognized in our IFRS income statement, including recoveries. Comparative figures for 31 December 2014 have been restated accordingly. <sup>2</sup> Includes changes in collective loan loss allowances.

## Derivatives credit risk

**Table 16: Credit exposure of derivative instruments**

This table provides an overview of our credit exposures arising from derivatives. Exposures are provided based on the balance sheet carrying values of derivatives as well as regulatory net credit exposures. The net balance sheet credit exposure differs from the regulatory net credit exposures because of differences in valuation methods, netting and collateral deductions used for accounting and regulatory capital purposes. Net current credit exposure is derived from gross positive replacement val-

ues which reflect the balance sheet carrying values of derivatives after netting and eligible financial collateral, where an enforceable master netting agreement is in place. Regulatory net credit exposure is calculated using our internal models or the supervisory approach.

→ Refer to “Note 14 Derivative instruments and hedge accounting” in the “Financial information” section of our Annual Report 2014 for more information on derivative instruments

<i>CHF million</i>	<b>30.6.15</b>	31.12.14
Gross positive replacement values	<b>173,681</b>	256,978
Netting benefits recognized <sup>1</sup>	<b>(127,026)</b>	(198,744)
Collateral held <sup>1</sup>	<b>(25,159)</b>	(30,794)
<i>of which: cash collateral</i>	<b>(21,416)</b>	(25,128)
<i>of which: non-cash collateral</i>	<b>(3,743)</b>	(5,666)
<b>Net current credit exposure</b>	<b>21,496</b>	27,439
<b>Regulatory net credit exposure (total counterparty credit risk)</b>	<b>76,187</b>	82,961
<i>of which: based on internal models (effective EPE)</i>	<b>59,125</b>	68,917
<i>of which: based on supervisory approaches (current exposure method)</i>	<b>17,062</b>	14,044

<sup>1</sup> For the purpose of this disclosure, the amounts of financial instruments and cash collateral not set off in the balance sheet have been capped by relevant netting agreements so as not to exceed the net amount of financial assets presented on the balance sheet; i.e., over-collateralization, where it exists, is not reflected in the table.

## Other credit risk information

Our credit derivatives trading is predominantly conducted on a collateralized basis. This means that our mark-to-market exposures arising from derivatives activities with collateralized counterparties are typically closed out in full or reduced to nominal levels on a regular basis by the use of collateral.

Derivatives trading with counterparties with high credit ratings is typically conducted under an International Swaps and Derivatives Association (ISDA) master netting agreement. Credit exposures to those counterparties from credit default swaps (CDS), together with exposures from other over-the-counter

(OTC) derivatives, are netted and included in the calculation of the collateral that is required to be posted. Trading with lower-rated counterparties, such as hedge funds, would generally require an initial margin to be posted by the counterparty.

We receive collateral from or post collateral to our counterparties based on our open net receivable or net payable from OTC derivative activities. Under the terms of the ISDA master netting agreement and similar agreements, this collateral, which generally takes the form of cash or highly liquid debt securities, is available to cover any amounts due under those derivative transactions.

**Table 17: Credit derivatives**

This table provides an overview of the notional amount of credit derivatives, including those used to manage risks within our banking and trading books. Notional amounts of credit derivatives do not include any netting benefits. For capital underpin-

ning of the counterparty credit risk of derivative positions, the effective EPE or exposure according to current exposure method is applied. Notional amounts are reported based on the regulatory scope of consolidation.

Notional amounts, CHF million	Regulatory banking book			Regulatory trading book			Total	
	Protection bought	Protection sold	Total	Protection bought	Protection sold	Total		
Credit default swaps	11,784	786	12,570	159,388	155,386	314,775	<b>327,345</b>	483,875
Total rate of return swaps	232		232	4,370	4,724	9,094	<b>9,326</b>	8,899
Options and warrants				4,277	52	4,330	<b>4,330</b>	8,028
<b>Total 30.6.15</b>	<b>12,017</b>	<b>786</b>	<b>12,803</b>	<b>168,036</b>	<b>160,162</b>	<b>328,198</b>	<b>341,001</b>	
Total 31.12.14	13,970	751	14,722	248,849	237,231	486,080		500,802

Measured on a notional basis, our counterparties for buying and selling protection are mainly banks and, to a lesser extent, broker-dealers and central counterparties. In the first half of 2015, we saw a material reduction in notional exposures of CDS in the regulatory trading book, primarily with banks.

→ Refer to "Note 14 Derivative instruments and hedge accounting" in the "Financial information" section of our Annual Report 2014 for more information on credit derivatives by instrument and counterparty

## Equity instruments in the banking book

The regulatory capital view for equity instruments in the banking book differs from the IFRS view, primarily due to the following:

- Differences in the basis of valuation, for example financial investments available-for-sale are subject to fair value accounting under IFRS but for regulatory capital purposes have the “lower of cost or market” or “cost less impairment” concept applied.
- Certain instruments which are held as debt investments on the IFRS balance sheet, mainly investment fund units, are treated as equity instruments for regulatory capital purposes.

- Certain instruments which are held as trading portfolio assets on the IFRS balance sheet, but which are not part of the regulatory VaR framework, are included as equity instruments in the banking book for regulatory capital purposes.
- Differences in the scope of consolidation.

→ Refer to the “Scope of regulatory consolidation” section of this report for more information

**Table 18: Equity instruments in the banking book**

The table below shows the different equity instruments categories held in the banking book with their amounts as recognized under IFRS, followed by the regulatory capital adjustment amount. This adjustment considers the abovementioned differences to IFRS resulting in the total regulatory equity instruments

exposure under the BIS framework, the corresponding RWA and the capital charge.

The table also shows net realized gains and losses and unrealized revaluation gains relating to equity instruments.

	As of	
CHF million	30.6.15	31.12.14
<b>Equity instruments</b>		
Financial investments available-for-sale	564	664
Investments in associates	908	927
<b>Total equity instruments under IFRS</b>	<b>1,472</b>	<b>1,591</b>
Regulatory capital adjustment <sup>1</sup>	620	780
<b>Total equity instruments under regulatory capital<sup>2</sup></b>	<b>2,092</b>	<b>2,371</b>
<i>of which: to be risk weighted</i>		
<i>publicly traded (risk weighted at 300%)</i>	141	219
<i>privately held (risk weighted at 400%)<sup>3</sup></i>	863	1,039
<i>not deducted in application of threshold, but risk weighted at 250%</i>	736	738
<i>of which: deduction from common equity tier 1 capital<sup>4</sup></i>	352	375
RWA according to simple risk weight method <sup>5</sup>	4,326	4,735
Capital requirement according to simple risk weight method <sup>5</sup>	546	526
<b>Total capital charge</b>	<b>898</b>	<b>901</b>
	<b>For the six months ended 30.6.15</b>	<b>For the year ended 31.12.14</b>
<b>Net realized gains/(losses) and unrealized gains from equity instruments</b>		
Net realized gains/(losses) from disposals	75	80
Unrealized revaluation gains	220	285
<i>of which: included in tier 2 capital</i>	99	128

<sup>1</sup> Includes CHF 474 million of investment fund units treated as debt investments under IFRS as of 30 June 2015. <sup>2</sup> Total equity instruments under regulatory capital of CHF 2,092 million, as of 30 June 2015, excluding CHF 408 million booked in trust entities (compensation and benefit vehicles) and CHF 352 million goodwill of investments in associates, i.e., CHF 1,331 million net EAD is also disclosed in the “Equity instruments in the banking book” line of “Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets.” <sup>3</sup> Includes CHF 408 million exposure booked in trust entities (compensation and benefit vehicles) that did not generate risk-weighted assets. <sup>4</sup> Under the Basel III framework, goodwill of investments in associates is deducted from common equity tier 1 capital. <sup>5</sup> The risk-weighted assets of CHF 4,326 million and the capital requirement of CHF 546 million, as of 30 June 2015, are also disclosed in the “Equity instruments in the banking book” line of “Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets.”



# Market risk

The "Risk management and control" section of our quarterly and annual reports provides comprehensive information on market risk-related Pillar 3 disclosures.

→ Refer to "Market risk" in the "Risk management and control" section of our Annual Report 2014, as well as our first and second quarter 2015 reports for more information

## Backtesting of VaR

For backtesting purposes, we compute backtesting VaR using a 99% confidence level and one-day holding period for the population included within regulatory VaR. The backtesting process compares backtesting VaR calculated on positions at the close of each business day with the revenues generated by those positions on the following business day. Backtesting revenues exclude non-trading revenues, such as fees and commissions and revenues from intraday trading, to ensure a like-for-like comparison. A backtesting exception occurs when backtesting revenues are negative and the absolute value of those revenues is greater than the previous day's backtesting VaR.

We did not have any Group downside backtesting exceptions in the first six months of 2015. There were two downside

backtesting exceptions in the 12 months preceding the end of June 2015. The chart "Group: development of backtesting revenues against backtesting VaR" shows the development of backtest VaR against backtesting revenues of the Group for the first six months of 2015. The chart shows both the negative and positive tails of the backtest VaR distribution at 99% confidence intervals representing, respectively, the losses and gains that could potentially be realized over a one-day period at that level of confidence. The positive backtesting revenue in the chart in January 2015 resulted from the significant market volatility following the Swiss National Bank's decision to discontinue the minimum targeted exchange rate for the Swiss franc versus the euro. Extreme market moves, particularly in foreign exchange markets, were observed far outside of the 99th percentile of the historical VaR timeseries.

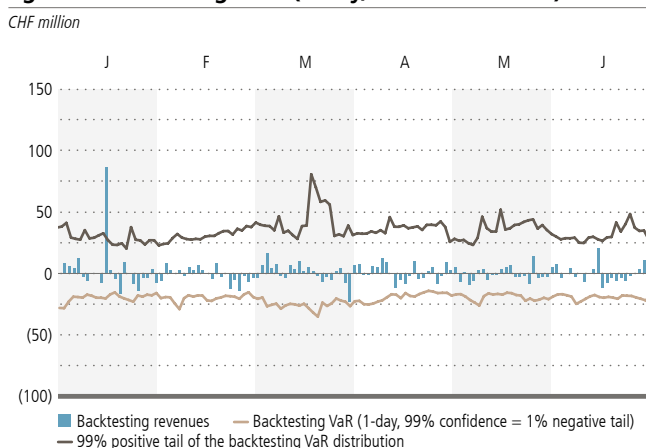
The histogram "Investment Bank and Corporate Center – Non-core and Legacy Portfolio daily revenue distribution" shows the daily revenue distribution for the Investment Bank and Corporate Center – Non-core and Legacy Portfolio for the first six months of 2015. This includes, in addition to backtesting revenues, revenues such as commissions and fees, revenues from intraday trading and own credit.

**Table 19: Group: backtesting regulatory value-at-risk (1-day, 99% confidence, 5 years of historical data)**

This table shows the Group's minimum, maximum, average and period-end regulatory backtesting VaR.

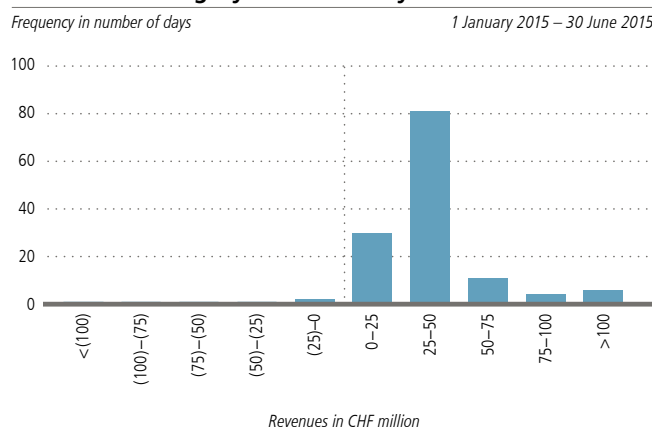
CHF million	For the six months ended 30.6.15				For the year ended 31.12.14			
	Min.	Max.	Average	30.6.15	Min.	Max.	Average	31.12.14
<b>Group</b>	<b>14</b>	<b>35</b>	<b>20</b>	<b>20</b>	15	38	22	20

**Chart 1: Group: development of backtesting revenues<sup>1</sup> against backtesting VaR<sup>2</sup> (1-day, 99% confidence)**



<sup>1</sup> Excludes non-trading revenues, such as commissions and fees, and revenues from intraday trading.  
<sup>2</sup> Based on Basel III regulatory VaR, excludes CVA positions and their eligible hedges which are subject to the new standalone CVA charge.

**Chart 2: Investment Bank and Corporate Center – Non-core and Legacy Portfolio daily revenue distribution<sup>1</sup>**



<sup>1</sup> In addition to backtesting revenues, includes revenues such as commissions and fees, revenues from intraday trading, and own credit.

# Securitization

This section provides details of traditional and synthetic securitization exposures in the banking and trading book based on the Basel III framework. Securitized exposures are risk weighted, generally, based on their external ratings. This section also provides details of the regulatory capital requirement associated with these exposures.

In a traditional securitization, a pool of loans (or other debt obligations) is typically transferred to structured entities that have been established to own the loan pool and to issue tranches of securities to third-party investors referencing this pool of loans. In a synthetic securitization, legal ownership of securitized pools of assets is typically retained, but associated credit risk is transferred to structured entities typically through guarantees, credit derivatives or credit-linked notes. Hybrid structures with a mix of traditional and synthetic features are disclosed as synthetic securitizations.

We act in different roles in securitization transactions. As originator, we create or purchase financial assets, which are then securitized in traditional or synthetic securitization transactions, enabling us to transfer significant risk to third-party

investors. As sponsor, we manage, provide financing or advise securitization programs. In line with the Basel III framework, sponsoring includes underwriting, that is, placing securities in the market. In all other cases, we act in the role of investor by taking securitization positions.

RWA attributable to securitization positions decreased to CHF 2.2 billion as of 30 June 2015 from CHF 3.9 billion as of 31 December 2014, mainly due to a decline of CHF 1.5 billion in Corporate Center – Non-core and Legacy Portfolio, predominantly from the sale of bond positions held as hedges against derivative exposures, as well as the sale of collateralized loan obligation bond positions.

- Refer to “**Note 30 Interests in subsidiaries and other entities**” in the “**Financial information**” section of our **Annual Report 2014** for more information on structured entities
- Refer to “**Corporate Center – Non-core and Legacy Portfolio**” in the “**Risk management and control**” section of our **Annual Report 2014** for more information on RWA by portfolio composition and exposure category

**Table 20: Securitization / re-securitization**

CHF million	30.6.15				31.12.14			
	Gross EAD	Net EAD	RWA	Capital requirement	Gross EAD	Net EAD	RWA	Capital requirement
Securitization / re-securitization in the banking book	5,125	5,125	1,273	161	9,048	9,048	2,650	295
CC – Non-core and Legacy Portfolio	1,418	1,418	757	96	4,735	4,735	2,028	226
Other business divisions <sup>1</sup>	3,708	3,708	516	65	4,313	4,313	622	69
Securitization / re-securitization in the trading book	1,668	1,668	959	121	1,610	1,610	1,262	140
CC – Non-core and Legacy Portfolio	1,195	1,195	730	92	1,205	1,205	993	110
Other business divisions <sup>1</sup>	474	474	229	29	405	405	268	30

<sup>1</sup> Mainly reflecting exposures in the Investment Bank.

## Objectives, roles and involvement

### Securitization in the banking book

Securitization positions held in the banking book include tranches of synthetic securitization of loan exposures and over-the-counter derivatives. These were primarily hedging transactions executed in 2014, 2013 and 2012 by synthetically transferring counterparty credit risk. In addition, securitization in the banking book includes legacy risk positions in Corporate Center – Non Core and Legacy portfolio. As of 30 June 2015, this portfolio consisted primarily of CDS positions referencing asset-backed securities (ABS) assets with related cash and synthetic hedges to mitigate the impact of directional movements.

In the first half of 2015, we acted in the roles of both originator and sponsor. As originator, we sold originated commercial mortgage loans into securitization programs. As sponsor, we managed or advised securitization programs and helped to place the securities in the market. Refer to “Table 21: Securitization activity for the period in the banking book” for an overview of our originating and sponsoring activities in the first half of 2015 and in full year 2014, respectively.

Securitization and re-securitization positions in the banking book are measured either at fair value or at amortized cost less impairment. The impairment assessment for a securitized position is generally based on the net present value of future cash flows expected from the underlying pool of assets.

### Securitization in the trading book

Securitized (including correlation products) held in the trading book are part of the trading activities, which typically include market-making and client facilitation. Included in the trading book are positions in our correlation book and legacy positions in leveraged super senior tranches. In the trading book, securitization and re-securitization positions are measured at fair value reflecting market prices where available or are based on our internal pricing models.

### Type of structured entities and affiliated entities involved in the securitization transactions

For the securitization of third-party exposures, the type of structured entities employed is selected as appropriate based on the type of transaction undertaken. Examples include limited liability corporations, common law trusts and depositor entities.

We manage or advise significant groups of affiliated entities that invest in exposures we have securitized or in structured entities that we sponsor. Significant groups of affiliated entities include North Street, Brooklands/ELM, and East Street, which

are involved in the US, European and Asia Pacific reference-linked note programs, respectively.

→ Refer to “**Note 30 Interests in subsidiaries and other entities**” in the “**Financial information**” section of our **Annual Report 2014** for more information on structured entities

→ Refer to the “**Corporate Center**” section of our **second quarter 2015 report** for more information on RWA by portfolio composition and exposure category

### Managing and monitoring of the credit and market risk of securitization positions

The banking book securitization and re-securitization portfolio is subject to specific risk monitoring, which may include interest rate and credit spread sensitivity analysis, as well as inclusion in firm-wide earnings-at-risk, capital-at-risk and combined stress test metrics.

The trading book securitization and re-securitization positions are also subject to multiple risk limits in our Investment Bank, such as management VaR and stress limits as well as market value limits. As part of managing risks within pre-defined risk limits, traders may utilize hedging and risk mitigation strategies. Hedging may, however, expose the firm to basis risks as the hedging instrument and the position being hedged may not always move in parallel. Such basis risks are managed within the overall limits. Any retained securitization from origination activities and any purchased securitization positions are governed by risk limits together with any other trading positions. Legacy trading book securitization exposure is subject to the same management VaR limit framework. Additionally, risk limits are used to control the unwind, novation and asset sales process on an ongoing basis.

### Regulatory capital treatment of securitization structures

Generally, in both the banking and trading book we apply the ratings-based approach to securitization positions using ratings, if available, from Standard & Poor's Ratings Group, Moody's Investors Service and Fitch Ratings for all securitization and re-securitization exposures. The selection of the External Credit Assessment Institutions (ECAI) is based on the primary rating agency concept. This concept is applied, in principle, to avoid that the credit assessment by one ECAI is applied for one or more tranches and another ECAI for the other tranches unless this is the result of the application of the specific rules for multiple assessments. If any two of the abovementioned rating agencies have issued a rating for a particular position, we would apply the lower credit rating of the two. If all three rating agencies have issued a rating for a particular position, we would

apply the middle credit rating of the three. Under the ratings-based approach, the amount of capital required for securitization and re-securitization exposures in the banking book is capped at the level of the capital requirement that would have been assessed against the underlying assets had they not been securitized. This treatment has been applied in particular to the US and European reference-linked note programs. For the purposes of determining regulatory capital and the Pillar 3 disclosure for these positions, the underlying exposures are reported under the standardized approach, the advanced internal ratings-based approach or the securitization approach, depending on the category of the underlying security. If the underlying security is reported under the standardized approach or the advanced internal ratings-based approach, the related positions are excluded from the tables on the following pages.

The supervisory formula approach is applied to synthetic securitizations of portfolios of counterparty credit risk inherent in derivatives and loan exposures for which an external rating was not sought. The supervisory formula approach is also applied to leveraged super senior tranches.

In the trading book, the comprehensive risk measure is used for the correlation portfolio as defined by Basel III requirements. This measure broadly covers securitizations of liquid corporate underlying assets as well as associated hedges that are not necessarily securitizations, for example, single-name credit default swaps and credit default swaps on indices.

We do not apply the concentration ratio approach or the internal assessment approach to securitization positions.

The counterparty risk of interest rate or foreign currency derivatives with securitization vehicles is treated under the advanced internal ratings-based approach and is therefore not part of this disclosure.

#### Accounting policies

Refer to "Note 1 Summary of significant accounting policies" in the "Financial information" section of our Annual Report 2014 for information on accounting policies that relate to securitization activities, primarily "Note 1a item 3 Subsidiaries and structured entities" and "Note 1a item 12 Securitization structures set up by UBS."

We disclose our intention to securitize exposures as an originator, if assets are designated for securitization and a tentative pricing date for a transaction is known as of the balance sheet date or if a pricing of a transaction has been fixed. Exposures intended to be securitized continue to be valued in the same way until such time as the securitization transaction takes place.

#### Presentation principles

It is our policy to present Pillar 3 disclosures for securitization transactions and balances in line with the capital adequacy treatments which were applied under Pillar 1 in the respective period presented.

We do not amend comparative prior period numbers for presentational changes triggered by new and revised information from third-party data providers, as long as the updated information does not impact the Pillar 1 treatments of prior periods.

#### Good practice guidelines

On 18 December 2008, the European Banking Federation, the Association for Financial Markets in Europe, the European Savings Banks Group and the European Association of Public Banks and Funding Agencies published the "Industry good practice guidelines on Pillar 3 disclosure requirement for securitization." These guidelines were slightly revised in 2009 and 2010, and were incorporated in this report.

#### Securitization exposures in the banking and trading book

Table 21 outlines the exposures measured as the transaction size we securitized at inception in the banking book in the first half of 2015 and in full year 2014. The activity is further broken down by our role (originator/sponsor) and by type (traditional/synthetic).

Amounts disclosed under the Traditional column of this table reflect the total outstanding notes at par value issued by the securitization vehicle at issuance. For synthetic securitization transactions, the amounts disclosed generally reflect the balance sheet carrying values of the securitized exposures at issuance.

For securitization transactions where we acted as originator, exposures are split into two parts: those in which we have retained securitization positions and/or continue to be involved on an ongoing basis (for example credit enhancement or implicit support), and those in which we do not have retained securitization positions and/or have no further involvement.

Where we acted as both originator and sponsor to a securitization, originated assets are reported under Originator and the total amount of the underlying assets securitized is reported under Sponsor. As a result, as of 30 June 2015 and 31 December 2014, amounts of CHF 0.6 billion and CHF 2.9 billion, respectively, were included in "Table 21: Securitization activity for the period in the banking book" and "Table 22: Outstanding securitized exposures" under both Originator and Sponsor.

**Table 21: Securitization activity for the period in the banking book**

	Originator				Realized gains / (losses) on traditional securitizations	Sponsor	
	Traditional		Synthetic			Traditional	Synthetic
	Securitization positions retained	No securitization positions retained	Securitization positions retained	No securitization positions retained			
<i>CHF million</i>							
Residential mortgages							
Commercial mortgages	222	367			16	2,616	
Credit card receivables							
Leasing							
Loans to corporates or small and medium-sized enterprises							
Consumer loans							
Student loans							
Trade receivables							
Re-securitizations							
Other							
<b>Total 30.6.15</b>	<b>222</b>	<b>367</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>2,616</b>	<b>0</b>
Residential mortgages							
Commercial mortgages	1,680	1,262			68	9,258	
Credit card receivables							
Leasing							
Loans to corporates or small and medium-sized enterprises							
Consumer loans							
Student loans							
Trade receivables							
Re-securitizations							
Other			351				
<b>Total 31.12.14</b>	<b>1,680</b>	<b>1,262</b>	<b>351</b>	<b>0</b>	<b>68</b>	<b>9,258</b>	<b>0</b>

**Securitization activity for the period in the trading book**

In the first half of 2015 and in full year 2014, we had no securitization activity in the trading book.

**Table 22: Outstanding securitized exposures**

This table outlines the outstanding transaction size of securitization exposures which we have originated/sponsored and retained securitization positions at the balance sheet date in the banking or trading book and/or are otherwise involved on an ongoing basis, for example through the provision of credit enhancement or implicit support.

Amounts disclosed under the Traditional column in this table reflect the total outstanding notes at par value issued by the securitization vehicle. For synthetic securitization transactions, we generally disclose the balance sheet carrying values

of the exposures securitized or, for hybrid structures, the outstanding notes at par value issued by the securitization vehicle.

The table also includes securitization activities conducted in the first half of 2015 and in full year 2014 in which we retained/purchased positions. These can also be found in "Table 21: Securitization activity for the period in the banking book." Where no positions were retained, the outstanding transaction size is only disclosed in the year of inception for originator transactions.

All values in this table are as of the balance sheet date.

CHF million	Banking book				Trading book <sup>1</sup>			
	Originator		Sponsor		Originator		Sponsor	
	Traditional	Synthetic	Traditional	Synthetic	Traditional	Synthetic	Traditional <sup>2</sup>	Synthetic
Residential mortgages			1,273		1,053		4,894	
Commercial mortgages	589		19,281				4,662	
Credit card receivables								
Leasing			249					
Loans to corporates or small and medium-sized enterprises								
Consumer loans								
Student loans			360				640	
Trade receivables								
Re-securitizations		45				993	1,759	
Other		4,683	406					
<b>Total 30.6.15</b>	<b>589</b>	<b>4,728</b>	<b>21,568</b>	<b>0</b>	<b>1,053</b>	<b>993</b>	<b>11,956</b>	<b>0</b>
Residential mortgages					1,008		7,307	
Commercial mortgages	2,942		17,234				2,437	
Credit card receivables								
Leasing			282					
Loans to corporates or small and medium-sized enterprises								
Consumer loans								
Student loans			405				742	
Trade receivables								
Re-securitizations		243	1,106		199	1,057		
Other		7,306	463					
<b>Total 31.12.14</b>	<b>2,942</b>	<b>7,549</b>	<b>19,489</b>	<b>0</b>	<b>1,207</b>	<b>1,057</b>	<b>10,487</b>	<b>0</b>

<sup>1</sup> In line with our disclosure principles, we disclose the UBS originated and sponsored deals only where the positions result in an RWA or capital deduction under Pillar 1. <sup>2</sup> This disclosure excludes sponsor-only activity where we do not retain a position. In such cases, we advised the originator or placed securities in the market for a fee, and this activity did not otherwise impact our capital.

**Table 23: Impaired or past due securitized exposures and losses related to securitized exposures in the banking book**

This table provides a breakdown of the outstanding impaired or past due exposures at the balance sheet date as well as losses recognized in our income statement for transactions in which we acted as originator or sponsor in the banking book. Losses are reported after taking into account the offsetting effects of any credit protection from eligible risk mitigation instruments under the Basel III framework for the retained or purchased positions.

Where we did not retain positions, impaired or past due information is only reported in the year of inception of a transaction. Where available, past due information is derived from investor reports. Past due is generally defined as delinquency above 60 days. Where investor reports do not provide this information, alternative methods have been applied, which may include an assessment of the fair value of the retained position or reference assets, or identification of any credit events.

	30.6.15				31.12.14			
	Originator		Sponsor		Originator		Sponsor	
	Impaired or past due in securitized exposures	Recognized losses in income statement	Impaired or past due in securitized exposures	Recognized losses in income statement	Impaired or past due in securitized exposures	Recognized losses in income statement	Impaired or past due in securitized exposures	Recognized losses in income statement
<i>CHF million</i>								
Residential mortgages			11					0
Commercial mortgages			42	1			30	
Credit card receivables								
Leasing								0
Loans to corporates or small and medium-sized enterprises								
Consumer loans								
Student loans			6				8	
Trade receivables								
Re-securitizations								
Other						6		
<b>Total</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>38</b>	<b>1</b>

**Table 24: Exposures intended to be securitized in the banking and trading book**

This table provides the amount of exposures by exposure type we intend to securitize in the banking and trading book. We disclose our intention to securitize exposures as an originator if assets are designated for securitization and a tentative pricing date for a transaction is known at the balance sheet date or if a pricing of a transaction has been fixed.

CHF million	30.6.15		31.12.14	
	Banking book	Trading book	Banking book	Trading book
Residential mortgages				
Commercial mortgages	307		144	
Credit card receivables				
Leasing				
Loans to corporates or small and medium-sized enterprises				
Consumer loans				
Student loans				
Trade receivables				
Re-securitizations				
Other				
<b>Total</b>	<b>307</b>	<b>0</b>	<b>144</b>	<b>0</b>

**Table 25: Securitization positions retained or purchased in the banking book**

This table provides a breakdown of securitization positions we retained or purchased in the banking book, irrespective of our role in the securitization transaction. The value disclosed is the net exposure amount at default subject to risk-weighting at the balance sheet date.

CHF million	30.6.15			31.12.14		
	On balance sheet	Off balance sheet <sup>1</sup>	Total	On balance sheet	Off balance sheet <sup>1</sup>	Total
Residential mortgages	383		383	499		499
Commercial mortgages	15		15	31		31
Credit card receivables						
Leasing	1		1	1		1
Loans to corporates or small and medium-sized enterprises	0		0	173		173
Consumer loans	1		1	1		1
Student loans	167		167	402		402
Trade receivables						
Re-securitizations	12	0	12	452	39	492
Other <sup>2</sup>	4,546		4,546	7,449		7,449
<b>Total<sup>3</sup></b>	<b>5,125</b>	<b>0</b>	<b>5,125</b>	<b>9,009</b>	<b>39</b>	<b>9,048</b>

<sup>1</sup> Synthetic long exposures through sold CDS positions are classified as off balance sheet exposures. <sup>2</sup> "Other" primarily includes securitization of portfolios of counterparty credit risk in over-the-counter (OTC) derivatives and loan exposures. <sup>3</sup> The total exposure of CHF 5,125 million as of 30 June 2015 is also disclosed in "Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets" in line "Securitization/re-securitization in the banking book."



**Table 26: Securitization positions retained or purchased in the trading book**

This table provides a breakdown of securitization positions we purchased or retained in the trading book subject to the securitization framework for specific market risk, irrespective of our role in the securitization transaction. Gross long and gross short amounts reflect the positions prior to the eligible offsetting of cash and derivative positions. Net long and net short amounts

are the result of offsetting cash and derivative positions to the extent eligible under the Basel III framework. The amounts disclosed are either the fair value or, in the case of derivative positions, the aggregate of the notional amount and the associated replacement value at the balance sheet date.

CHF million	Cash positions		Derivative positions		Total		
	Gross long	Gross short	Gross long	Gross short	Net long	Net short	Net Total <sup>1,2</sup>
Residential mortgages	9	2	376	486	6	23	28
Commercial mortgages	259	0	1,276	1,298	435	30	465
Credit card receivables							
Leasing							
Loans to corporates or small and medium-sized enterprises							
Consumer loans							
Student loans							
Trade receivables							
Re-securitizations	23	1	78	23	14	1	15
Other	3	0	201	192	12		12
<b>Total 30.6.15</b>	<b>294</b>	<b>4</b>	<b>1,931</b>	<b>1,998</b>	<b>467</b>	<b>54</b>	<b>521</b>
Residential mortgages	14	3	481	633	16	45	61
Commercial mortgages	238		1,299	1,332	427	6	433
Credit card receivables							
Leasing							
Loans to corporates or small and medium-sized enterprises							
Consumer loans							
Student loans							
Trade receivables							
Re-securitizations	28	1	106	39	15	4	18
Other	3	0	203	203	3		3
<b>Total 31.12.14</b>	<b>283</b>	<b>4</b>	<b>2,090</b>	<b>2,208</b>	<b>461</b>	<b>55</b>	<b>515</b>

<sup>1</sup> Since 1 January 2014, both net long and net short positions are underpinned in the trading book and EAD capped at maximum possible loss. <sup>2</sup> 30 June 2015 does not include CHF 1,147 million related to leveraged super senior tranches treated under the supervisory formula approach which are reported in "Table 31c: Securitization/re-securitization exposures treated under the supervisory formula approach by rating clusters-trading book." Including these exposures, net total exposures were CHF 1,668 million, which equals the gross and net exposure of securitization/re-securitization in the trading book disclosed in "Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets."

**Table 27a: Capital requirement for securitization / re-securitization positions retained or purchased in the banking book**

Tables 27a to 27c provide the capital requirements for securitization and re-securitization positions we purchased or retained in the banking book, irrespective of our role in the securitization transaction, split by risk weight bands and regulatory capital ap-

proach. We use three FINMA-recognized ECAI for this purpose: Standard & Poor's Ratings Group, Moody's Investors Service and Fitch Ratings.

CHF million	30.6.15					31.12.14				
	Ratings-based approach		Supervisory formula approach		Total	Ratings-based approach		Supervisory formula approach		Total
	Securitization	Re-securitization	Securitization	Re-securitization		Securitization	Re-securitization	Securitization	Re-securitization	
over 0–20%	12		37		49	20	16	45		81
over 20–35%	2	0	3		5	5	2	53		60
over 35–50%	0	0			0	6	18			24
over 50–75%	7	0			7	11	0			11
over 75–100%	15				15	7				7
over 100–250%	1	0			1	6	0			6
over 250–1,249%	0	0			0	5	1			6
1,250% rated	31	18			48	34	10			44
1,250% unrated	0		34		34	16	2	37		55
<b>Total<sup>1</sup></b>	<b>69</b>	<b>18</b>	<b>74</b>	<b>0</b>	<b>161</b>	<b>110</b>	<b>49</b>	<b>135</b>	<b>0</b>	<b>295</b>

<sup>1</sup> Refer to "Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets." On 30 June 2015, CHF 5,125 million banking book securitization RWA translated to an overall capital requirement of CHF 161 million.

**Table 27b: Securitization / re-securitization exposures treated under the ratings-based approach by rating clusters – banking book**

CHF million	30.6.15		31.12.14	
	Exposure amount	Capital requirement	Exposure amount	Capital requirement
AAA	203	3	223	4
AA	290	6	917	27
A+	32	1	54	1
A	107	3	335	8
A–	46	2	119	5
BBB+	3	0	121	10
BBB	86	7	126	11
BBB–	111	15	69	12
BB+	3	1	26	10
BB	0	0	9	5
BB–	0	0	6	6
Below BB–/unrated	31	49	44	62
<b>Total</b>	<b>913</b>	<b>87</b>	<b>2,050</b>	<b>159</b>

**Table 27c: Securitization / re-securitization exposures treated under the supervisory formula approach by risk-weight clusters – banking book**

CHF million	30.6.15		31.12.14	
	Exposure amount	Capital requirement	Exposure amount	Capital requirement
over 0–20%	4,058	37	5,190	45
over 20–35%	132	3	1,782	53
1,250%	22	34	27	37
<b>Total</b>	<b>4,212</b>	<b>74</b>	<b>6,998</b>	<b>135</b>

## Gains on sale – securitization exposures to be deducted from Basel III tier 1 capital

In the first half of 2015 and in full year 2014, we have not retained any significant exposures relating to securitization for which we have recorded gains on sale requiring deduction from Basel III tier 1 capital.

## Securitization exposures subject to early amortization in the banking and trading book

In the first half of 2015 and in full year 2014, we had no securitization structures in the banking and trading book that are subject to early amortization treatment.

**Table 28: Re-securitization positions retained or purchased in the banking book**

The table below shows the total of re-securitization positions (cash as well as synthetic) held in the banking book, broken down into positions for which credit risk mitigation has been recognized and those for which no credit risk mitigation has been recognized. Credit risk mitigation includes protection bought by entering into credit derivatives with third-party protection sellers, as well as financial collateral received. Both

bought credit protection and financial collateral must be eligible under the Basel III framework. In the first half of 2015 and in full year 2014, no credit risk mitigation has been recognized for re-securitization positions (cash as well as synthetic) held in the banking book. As of 30 June 2015, none of the retained or purchased banking book re-securitization positions had an integrated insurance wrapper.

<i>CHF million</i>	With credit risk mitigation	Without credit risk mitigation	Total
<b>Total 30.6.15</b>	<b>0</b>	<b>12</b>	<b>12</b>
Total 31.12.14	0	492	492

**Table 29: Re-securitization positions retained or purchased in the trading book**

The table below outlines re-securitization positions retained or purchased subject to the securitization framework for specific market risk held in the trading book on a gross long and gross short basis, including synthetic long and short positions resulting from derivative transactions. It also includes positions on a

net long and net short basis, that is, gross long and short positions after offsetting to the extent it is eligible under the Basel III framework. As of 30 June 2015, none of the retained or purchased trading book re-securitization positions had an integrated insurance wrapper.

<i>CHF million</i>	Gross long	Gross short	Net long	Net short
<b>Total 30.6.15</b>	<b>102</b>	<b>24</b>	<b>14</b>	<b>1</b>
Total 31.12.14	134	41	15	4

## Outstanding notes issued by securitization vehicles related to UBS's retained exposures subject to the market risk approach

The information presented in table 26 in our Annual Report 2014 is now located within the "Trading Book" information in "Table 22: Outstanding securitized exposures" in this report.

In the first half of 2015 and in full year 2014, there was no origination activity for securitization vehicles in the trading book.

**Table 30: Correlation products subject to the comprehensive risk measure or the securitization framework for specific risk**

This table outlines products in the correlation portfolio that we retained or purchased in the trading book, irrespective of our role in the securitization transaction. They are subject to either the comprehensive risk measure or the securitization framework for specific risk. Correlation products subject to the securitization framework are leveraged super senior positions. The values

disclosed are market values for cash positions, replacement values and notional values for derivative positions. Derivatives are split by positive replacement value and negative replacement value. The decrease in notional values related to positive and negative replacement values resulted mainly from trades maturing during the year, as well as from trade terminations.

30.6.15	Cash positions		Derivative positions			
	Assets	Liabilities	Assets		Liabilities	
CHF million	Market value	Market value	Positive replacement value	Positive replacement value notionals	Negative replacement value	Negative replacement value notionals
Positions subject to comprehensive risk measure	112	531	34	2,083	340	3,157
Positions subject to securitization framework <sup>1</sup>			3	2,658	3	2,658
31.12.14						
Positions subject to comprehensive risk measure	137	609	254	4,019	627	5,610
Positions subject to securitization framework <sup>1</sup>			1	3,095	1	3,095

<sup>1</sup> Includes leveraged super senior tranches.

**Table 31a: Securitization positions and capital requirement for trading book positions subject to the securitization framework**

Tables 31a to 31c outline securitization positions we purchased or retained and the capital requirement in the trading book subject to the securitization framework for specific market risk, irrespective of our role in the securitization transaction, broken

down by risk weight bands and regulatory capital approach. The amounts disclosed for securitization positions are market values at the balance sheet date after eligible netting under the Basel III framework.

CHF million	30.6.15				31.12.14			
	Ratings-based approach				Ratings-based approach			
	Net long	Net short	Net Total	Capital requirement	Net long	Net short	Net Total	Capital requirement
over 0–20%	360	25	385	6	346	0	347	5
over 20–35%	57	0	57	2	51		51	2
over 35–50%	2	0	2	0	17	0	18	1
over 50–75%	5	0	5	0	8	3	11	1
over 75–100%	6	5	10	2	0	6	6	1
over 100–250%	1		1	0	8		8	2
over 250–1,249%	0		0	1		0	0	0
1,250% rated	6	29	35	55	13	42	55	76
1,250% unrated	21	4	25	26	18	2	20	28
<b>Total<sup>1</sup></b>	<b>458</b>	<b>63</b>	<b>521</b>	<b>92<sup>2</sup></b>	<b>461</b>	<b>55</b>	<b>516</b>	<b>116</b>

<sup>1</sup> Leveraged super senior tranches (subject to the securitization framework) are not included in this table, but disclosed in "Table 30: Correlation products subject to the comprehensive risk measure or the securitization framework for specific risk." <sup>2</sup> The capital requirement of CHF 121 million as of 30 June 2015 disclosed in "Table 2: Detailed segmentation of Basel III exposures and risk-weighted assets" in line "Securitization/re-securitization in the trading book" is comprised of the total ratings-based approach charge of CHF 92 million and CHF 29 million capital requirement for leveraged super senior tranches as disclosed in "Table 32: Capital requirement for securitization positions related to correlation products."

**Table 31b: Securitization / re-securitization exposures treated under the ratings-based approach by rating clusters – trading book**

CHF million	30.6.15		31.12.14	
	Exposure amount	Capital requirement	Exposure amount	Capital requirement
AAA	385	6	301	4
AA	19	1	60	1
A+				
A	6	0	12	1
A-	38	2	35	1
BBB+	2	0	14	1
BBB			4	0
BBB-	10	1	6	1
BB+	0	0	8	2
BB	1	1	0	0
BB-				
Below BB-/unrated	60	81	75	104
<b>Total</b>	<b>521</b>	<b>92</b>	<b>515</b>	<b>116</b>

**Table 31c: Securitization / re-securitization exposures treated under the supervisory formula approach by risk weight clusters – trading book**

CHF million	30.6.15		31.12.14	
	Exposure amount	Capital requirement	Exposure amount	Capital requirement
over 0–20%	1,147	29	1,095	24
<b>Total</b>	<b>1,147</b>	<b>29</b>	<b>1,095</b>	<b>24</b>

**Table 32: Capital requirement for securitization positions related to correlation products**

This table outlines the capital requirement for securitization positions in the trading book for correlation products, including positions subject to comprehensive risk measure and positions related to leveraged super senior positions and certain re-securitized corporate credit exposures positions subject to the securitization framework. Our model does not distinguish between

“default risk,” “migration risk” and “correlation risk.” The capital requirement for positions subject to the comprehensive risk measure declined due to the execution of a series of risk transfers to exit the majority of the correlation trading portfolio market risk.

CHF million	Capital requirement	
	30.6.15	31.12.14
Positions subject to comprehensive risk measure	13	15
Positions subject to securitization framework <sup>1</sup>	29	24
<b>Total</b>	<b>42</b>	<b>39</b>

<sup>1</sup> Leveraged super senior tranches.

# Balance sheet reconciliation

**Table 33: Reconciliation of accounting balance sheet to balance sheet under the regulatory scope of consolidation**

The table below provides a reconciliation of the IFRS balance sheet to the balance sheet according to the regulatory scope of consolidation as defined by BIS and FINMA. Lines in the balance sheet under the regulatory scope of consolidation are expanded

and referenced where relevant to display all components that are used in "Table 34: Composition of capital."

→ Refer to the "Introduction" section of this report for more information

	Balance sheet in accordance with IFRS scope of consolidation	Effect of deconsolidated entities for regulatory consolidation	Effect of additional consolidated entities for regulatory consolidation	Balance sheet in accordance with regulatory scope of consolidation	References <sup>1</sup>
<i>CHF million</i>	<b>30.6.15</b>				
<b>Assets</b>					
Cash and balances with central banks	84,646			84,646	
Due from banks	13,343	(288)		13,056	
Cash collateral on securities borrowed	27,689			27,689	
Reverse repurchase agreements	60,848			60,848	
Trading portfolio assets	128,476	(17,286)		111,190	
Positive replacement values	173,681	25		173,707	
Cash collateral receivables on derivative instruments	24,842			24,842	
Financial assets designated at fair value	5,425			5,425	
Loans	313,852	106		313,958	
Financial investments available-for-sale	66,771	(80)		66,691	
Consolidated participations	0	202		202	
Investments in associates	908			908	
<i>of which: goodwill</i>	352			352	4
Property, equipment and software	7,050	(86)		6,964	
Goodwill and intangible assets	6,242			6,242	
<i>of which: goodwill</i>	5,885			5,885	4
<i>of which: intangible assets</i>	357			357	5
Deferred tax assets	10,000	(1)		9,999	
<i>of which: deferred tax assets recognized for tax loss carry-forwards</i>	5,907	(1)		5,906	9
<i>of which: deferred tax assets on temporary differences</i>	4,093			4,093	12
Other assets	26,394	(90)	1	26,266	
<i>of which: goodwill related to assets of disposal group held for sale</i>	27			27	4
<b>Total assets</b>	<b>950,168</b>	<b>(17,537)</b>	<b>2</b>	<b>932,633</b>	

<sup>1</sup> References link respective lines of this table to the respective reference numbers provided in the column "References" in "Table 34: Composition of capital."

**Table 33: Reconciliation of accounting balance sheet to balance sheet under the regulatory scope of consolidation (continued)**

	Balance sheet in accordance with IFRS scope of consolidation	Effect of deconsolidated entities for regulatory consolidation	Effect of additional consolidated entities for regulatory consolidation	Balance sheet in accordance with regulatory scope of consolidation	References <sup>1</sup>
<i>CHF million</i>	<b>30.6.15</b>				
<b>Liabilities</b>					
Due to banks	13,270	(51)		13,220	
Cash collateral on securities lent	10,652			10,652	
Repurchase agreements	13,032			13,032	
Trading portfolio liabilities	32,181	(10)		32,171	
Negative replacement values	171,202	103		171,305	
Cash collateral payables on derivative instruments	38,603			38,603	
Financial liabilities designated at fair value	66,366	14		66,380	
Due to customers	377,054	139		377,192	
Debt issued	100,558	(22)		100,536	
<i>of which: amount eligible for high-trigger loss-absorbing additional tier 1 capital<sup>2</sup></i>	1,158			1,158	13
<i>of which: amount eligible for low-trigger loss-absorbing additional tier 1 capital<sup>2</sup></i>	2,145			2,145	13
<i>of which: amount eligible for low-trigger loss-absorbing tier 2 capital<sup>3</sup></i>	9,613			9,613	7
<i>of which: amount eligible for capital instruments subject to phase-out from tier 2 capital<sup>4</sup></i>	1,798			1,798	8
Provisions	3,594	(1)		3,593	
Other liabilities	70,402	(17,632)	1	52,771	
<i>of which: amount eligible for high-trigger loss-absorbing capital (Deferred Contingent Capital Plan (DCCP))<sup>5</sup></i>	855			855	13
<b>Total liabilities</b>	<b>896,915</b>	<b>(17,460)</b>	<b>1</b>	<b>879,456</b>	
Share capital	375	(1)	1	375	1
Share premium	31,005			31,005	1
Treasury shares	(1,624)			(1,624)	3
Retained earnings	25,704	(205)		25,499	2
Other comprehensive income recognized directly in equity, net of tax	(5,249)	128	(1)	(5,121)	3
<i>of which: unrealized gains/(losses) from cash flow hedges according to regulatory scope of consolidation<sup>6</sup></i>	1,626			1,626	11
Equity attributable to UBS Group AG shareholders	50,211	(78)	0	50,134	
Equity attributable to non-controlling interests	3,042	1		3,043	3, 6
<b>Total equity</b>	<b>53,253</b>	<b>(77)</b>	<b>0</b>	<b>53,177</b>	
<b>Total liabilities and equity</b>	<b>950,168</b>	<b>(17,537)</b>	<b>2</b>	<b>932,633</b>	

<sup>1</sup> References link respective lines of this table to the respective reference numbers provided in the column "References" in "Table 34: Composition of capital." <sup>2</sup> Represents IFRS book value. <sup>3</sup> IFRS book value is CHF 9,625 million. <sup>4</sup> IFRS book value is CHF 3,754 million. <sup>5</sup> IFRS book value is CHF 977 million. Refer to the "Compensation" section of our Annual Report 2014 for more information on DCCP. <sup>6</sup> IFRS value is CHF 1,589 million, excluding non-controlling interests in UBS AG.

# Composition of capital

**Table 34: Composition of capital**

The table below provides the “Composition of capital” as defined by BIS and FINMA. The naming convention does not always reflect UBS’s naming convention used in our external reports. Reference is made to items reconciling to the balance sheet under the regulatory scope of consolidation as disclosed in “Table 33: Reconciliation of accounting balance sheet to balance sheet under the regulatory scope of consolidation.” Where relevant, the effect of phase-in arrangements is disclosed as well.

→ Refer to the “Capital management” section of our second quarter 2015 report for more information on phase-in arrangements

An overview of the main features of our regulatory capital instruments, as well as the full terms and conditions, are published in the “Bondholder information” section of our Investor Relations website.

→ Refer to “Bondholder information” at [www.ubs.com/investors](http://www.ubs.com/investors) for more information on the capital instruments of UBS Group AG and UBS AG on a consolidated and on a standalone basis

	Phase-in amounts	Effect of the transition phase	References <sup>1</sup>
<i>CHF million, except where indicated</i>	<b>30.6.15</b>	<b>30.6.15</b>	
1 Directly issued qualifying common share (and equivalent for non-joint stock companies) capital plus related stock surplus	31,381		1
2 Retained earnings	25,499		2
3 Accumulated other comprehensive income (and other reserves)	(6,746)		3
4 Directly issued capital subject to phase-out from common equity tier 1 capital (only applicable to non-joint stock companies)			
5 Common share capital issued by subsidiaries and held by third parties (amount allowed in Group common equity tier 1 capital)	1,164		3
<b>6 Common equity tier 1 capital before regulatory adjustments</b>	<b>51,298</b>		
7 Prudential valuation adjustments	(84)		
8 Goodwill, net of tax, less hybrid capital and additional tier 1 capital <sup>2</sup>	(2,486)	(3,729)	4
9 Intangible assets, net of tax <sup>2</sup>	(351)		5
10 Deferred tax assets recognized for tax loss carry-forwards <sup>3</sup>	(2,525)	(3,787)	9
11 Unrealized (gains)/losses from cash flow hedges, net of tax	(1,626)		11
12 Expected losses on advanced internal ratings-based portfolio less general provisions	(314)		
13 Securitization gain on sale			
14 Own credit related to financial liabilities designated at fair value and replacement values, net of tax	(412)		
15 Defined benefit plans			
16 Compensation and own shares-related capital components (not recognized in net profit)	(1,523)		
17 Reciprocal crossholdings in common equity			
17a Qualifying interest where a controlling influence is exercised together with other owners (CET instruments)			
17b Consolidated investments (CET1 instruments)			
18 Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold)			
19 Significant investments in the common stock of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions (amount above 10% threshold)			
20 Mortgage servicing rights (amount above 10% threshold)			
21 Deferred tax assets arising from temporary differences (amount above 10% threshold, net of related tax liability)	(115)	(924)	12
22 Amount exceeding the 15% threshold			
23 of which: significant investments in the common stock of financials			
24 of which: mortgage servicing rights			
25 of which: deferred tax assets arising from temporary differences			
26 Expected losses on equity investments treated according to the PD/LGD approach			
26a Other adjustments relating to the application of an internationally accepted accounting standard	(312)		
26b Other deductions	(2,844)		13
27 Regulatory adjustments applied to common equity tier 1 due to insufficient additional tier 1 and tier 2 to cover deductions			
<b>28 Total regulatory adjustments to common equity tier 1</b>	<b>(12,592)</b>	<b>(8,441)</b>	
<b>29 Common equity tier 1 capital (CET1)</b>	<b>38,706</b>	<b>(8,441)</b>	

<sup>1</sup> References link respective lines of this table to the respective reference numbers provided in the column “References” in “Table 33: Reconciliation of accounting balance sheet to balance sheet under the regulatory scope of consolidation.” <sup>2</sup> The CHF 6,215 million (CHF 2,486 million and CHF 3,729 million) reported in line 8 includes goodwill on investments in associates of CHF 352 million, DTL on goodwill of CHF 50 million and goodwill related to assets of disposal group held for sale of CHF 27 million reported in “Other assets” in table 33. The CHF 351 million reported in line 9 includes DTL on intangibles of CHF 5 million. <sup>3</sup> The CHF 6,312 million (CHF 2,525 million and CHF 3,787 million) deferred tax assets recognized for tax loss carry-forwards reported in line 10 differ from the CHF 5,907 million deferred tax assets shown in the line “Deferred tax assets” in table 33 because the latter figure is shown after the offset of deferred tax liabilities for cash flow hedge gains (CHF 423 million) and other temporary differences, which are adjusted out in line 11 and other lines of this table, respectively.



**Table 34: Composition of capital (continued)**

	Phase-in amounts	Effect of the transition phase	References <sup>1</sup>
<i>CHF million, except where indicated</i>	<b>30.6.15</b>	<b>30.6.15</b>	
30 Directly issued qualifying additional tier 1 instruments plus related stock surplus	3,777		
31 <i>of which: classified as equity under applicable accounting standards</i>			
32 <i>of which: classified as liabilities under applicable accounting standards<sup>2</sup></i>	3,777		13
33 Directly issued capital instruments subject to phase-out from additional tier 1			
34 Additional tier 1 instruments (and CET1 instruments not included in row 5) issued by subsidiaries and held by third parties (amount allowed in Group additional tier 1)	1,840	(1,840)	6
35 <i>of which: instruments issued by subsidiaries subject to phase-out</i>	1,840	(1,840)	
<b>36 Additional tier 1 capital before regulatory adjustments</b>	<b>5,616</b>	<b>(1,840)</b>	
37 Investments in own additional tier 1 instruments			
38 Reciprocal crossholdings in additional tier 1 instruments			
38a Qualifying interest where a controlling influence is exercised together with other owners (AT1 instruments)			
38b Holdings in companies which are to be consolidated (additional tier 1 instruments)			
39 Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions, where the bank does not own more than 10% of the issued common share capital of the entity (amount above 10% threshold)			
40 Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation (net of eligible short positions)			
41 National specific regulatory adjustments	(3,729)	3,729	
42 Regulatory adjustments applied to additional tier 1 due to insufficient tier 2 to cover deductions			
<b>Tier 1 adjustments on impact of transitional arrangements</b>	<b>(3,729)</b>	<b>3,729</b>	
<i>of which: prudential valuation adjustment</i>			
<i>of which: own CET1 instruments</i>			
<i>of which: goodwill net of tax, offset against hybrid capital and loss-absorbing capital</i>	(3,729)	3,729	
<i>of which: intangible assets (net of related tax liabilities)</i>			
<i>of which: gains from the calculation of cash flow hedges</i>			
<i>of which: IRB shortfall of provisions to expected losses</i>			
<i>of which: gains on sales related to securitization transactions</i>			
<i>of which: gains/losses in connection with own credit risk</i>			
<i>of which: investments</i>			
<i>of which: expected loss amount for equity exposures under the PD/LGD approach</i>			
<i>of which: mortgage servicing rights</i>			
42a Excess of the adjustments which are allocated to the common equity tier 1 capital			
<b>43 Total regulatory adjustments to additional tier 1 capital</b>	<b>(3,729)</b>	<b>3,729</b>	
<b>44 Additional tier 1 capital (AT1)</b>	<b>1,887</b>	<b>1,889</b>	
<b>45 Tier 1 capital (T1 = CET1 + AT1)</b>	<b>40,593</b>	<b>(6,552)</b>	
46 Directly issued qualifying tier 2 instruments plus related stock surplus <sup>3</sup>	10,537		7
47 Directly issued capital instruments subject to phase-out from tier 2	1,831	(1,831)	8
48 Tier 2 instruments (and CET1 and additional tier 1 instruments not included in rows 5 or 34) issued by subsidiaries and held by third parties (amount allowed in Group tier 2)			
49 <i>of which: instruments issued by subsidiaries subject to phase-out</i>			
50 Provisions			
<b>51 Tier 2 capital before regulatory adjustments</b>	<b>12,368</b>	<b>(1,831)</b>	
52 Investments in own tier 2 instruments	(38)	33	7, 8
53 Reciprocal cross holdings in tier 2 instruments			
53a Qualifying interest where a controlling influence is exercised together with other owners (tier 2 instruments)			
53b Investments to be consolidated (tier 2 instruments)			
54 Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions, where the bank does not own more than 10% of the issued common share capital of the entity (amount above the 10% threshold)			
55 Significant investments in the capital banking, financial and insurance entities that are outside the scope of regulatory consolidation (net of eligible short positions)			

<sup>1</sup> References link respective lines of this table to the respective reference numbers provided in the column "References" in "Table 33: Reconciliation of accounting balance sheet to balance sheet under the regulatory scope of consolidation." <sup>2</sup> CHF 3,777 million and CHF 918 million reported in lines 32 and 58 of this table, respectively, includes the following positions: CHF 1,158 million and CHF 2,145 million recognized in the line "Debit issued" in table 33, CHF 855 million DCCP recognized in the line "Other liabilities" in table 33 and CHF 536 million recognized in DCCP-related charges for regulatory capital purposes in the line 26b "Other deductions" of this table. <sup>3</sup> The CHF 10,537 million in the line 46 includes CHF 9,613 million low-trigger loss-absorbing tier 2 capital recognized in line "Debt issue" in table 33, which is shown net of CHF 5 million investments in own tier 2 instruments reported in line 52 and high-trigger loss-absorbing capital of CHF 918 million reported in line 58 of this table.

**Table 34: Composition of capital (continued)**

	Phase-in amounts	Effect of the transition phase	References <sup>1</sup>
<i>CHF million, except where indicated</i>	<b>30.6.15</b>	<b>30.6.15</b>	
56 National specific regulatory adjustments			
56a Excess of the adjustments which are allocated to the additional tier 1 capital			
<b>57 Total regulatory adjustments to tier 2 capital</b>	<b>(38)</b>	<b>33</b>	
<b>58 Tier 2 capital (T2)</b>	<b>12,329</b>	<b>(1,798)</b>	
<i>of which: high-trigger loss-absorbing capital<sup>2,3</sup></i>	<i>918</i>		<i>13</i>
<i>of which: low-trigger loss-absorbing capital<sup>3</sup></i>	<i>9,613</i>		<i>7</i>
<b>59 Total capital (TC = T1 + T2)</b>	<b>52,923</b>	<b>(8,350)</b>	
Amount with risk weight pursuant the transitional arrangement (phase-in)		(2,311)	
<i>of which: DTA on temporary differences, excess over threshold</i>		(2,311)	
<b>60 Total risk-weighted assets</b>	<b>212,088</b>	<b>(2,311)</b>	
Capital ratios and buffers			
61 Common equity tier 1 (as a percentage of risk-weighted assets)	18.2		
62 Tier 1 (Pos 45 as a percentage of risk-weighted assets)	19.1		
63 Total capital (pos 59 as a percentage of risk-weighted assets)	25.0		
64 CET1 requirement (base capital, buffer capital and countercyclical buffer requirements) plus G-SIB buffer requirement, expressed as a percentage of risk-weighted assets	7.5		
65 <i>of which: capital buffer requirement</i>	<i>2.9</i>		
66 <i>of which: bank-specific countercyclical buffer requirement</i>	<i>0.2</i>		
67 <i>of which: G-SIB buffer requirement</i>			
68 Common equity tier 1 available to meet buffers (as a percentage of risk-weighted assets)	17.2		
68a-f Not applicable for systemically relevant banks according to FINMA RS 11/2			
72 Non significant investments in the capital of other financials	1,104		
73 Significant investments in the common stock of financials	738		
74 Mortgage servicing rights (net of related tax liability)			
75 Deferred tax assets arising from temporary differences (net of related tax liability)	4,170		
<b>Applicable caps on the inclusion of provisions in tier 2</b>			
76 Provisions eligible for inclusion in tier 2 in respect of exposures subject to standardized approach (prior to application of cap)			
77 Cap on inclusion of provisions in tier 2 under standardized approach			
78 Provisions eligible for inclusion in tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)			
79 Cap for inclusion of provisions in tier 2 under internal ratings-based approach			

<sup>1</sup> References link respective lines of this table to the respective reference numbers provided in the column "References" in "Table 33: Reconciliation of accounting balance sheet to balance sheet under the regulatory scope of consolidation." <sup>2</sup> CHF 3,777 million and CHF 918 million reported in lines 32 and 58 of this table, respectively, includes the following positions: CHF 1,158 million and CHF 2,145 million recognized in the line "Debit issued" in table 33, CHF 855 million DCCP recognized in the line "Other liabilities" in table 33 and CHF 536 million recognized in DCCP-related charge for regulatory capital purpose in the line 26b "Other deductions" of this table. <sup>3</sup> The CHF 10,537 million in the line 46 includes CHF 9,613 million low-trigger loss-absorbing tier 2 capital recognized in line "Debt issue" in table 33, which is shown net of CHF 5 million investments in own tier 2 instruments reported in the line 52 and high-trigger loss-absorbing capital of CHF 918 million reported in line 58 of this table.

---

**Notice to investors** | This report and the information contained herein are provided solely for information purposes, and are not to be construed as solicitation of an offer to buy or sell any securities or other financial instruments in Switzerland, the United States or any other jurisdiction. No investment decision relating to securities of or relating to UBS Group AG, UBS AG or their affiliates should be made on the basis of this report. Refer to UBS's second quarter 2015 report and its Annual Report 2014 for additional information. These reports are available at [www.ubs.com/investors](http://www.ubs.com/investors).

**Rounding** | Numbers presented throughout this report may not add up precisely to the totals provided in the tables and text. Percentages, percent changes and absolute variances are calculated based on rounded figures displayed in the tables and text and may not precisely reflect the percentages, percent changes and absolute variances that would be derived based on figures that are not rounded.

**Tables** | Within tables, blank fields generally indicate that the field is not applicable or not meaningful, or that information is not available as of the relevant date or for the relevant period. Zero values generally indicate that the respective figure is zero on an actual or rounded basis.