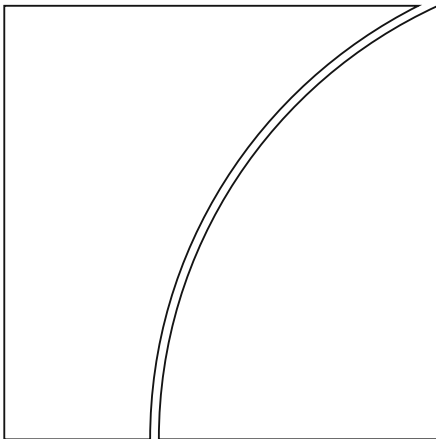


Basel Committee on Banking Supervision



Seventeenth progress report on adoption of the Basel regulatory framework

October 2019



BANK FOR INTERNATIONAL SETTLEMENTS

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Progress report on adoption of the Basel regulatory framework

Introduction

In 2012, the Basel Committee on Banking Supervision (BCBS) started the Regulatory Consistency Assessment Programme (RCAP) to monitor progress in introducing domestic regulations, assessing their consistency and analysing regulatory outcomes.¹ As part of this programme, the Committee periodically monitors the adoption of Basel standards. The monitoring initially focused on the Basel risk-based capital requirements, and has since expanded to cover all Basel standards. These include the finalised Basel III post-crisis reforms published by the Committee in December 2017, which will take effect from 1 January 2022 and will be phased in over five years. When those reforms were published, the Group of Central Bank Governors and Heads of Supervision, the oversight body of the BCBS, reaffirmed its expectation of full, timely and consistent implementation of all elements of the package.²

This report sets out the adoption status of Basel III standards for each of the BCBS member jurisdiction as of end-September 2019.³ It updates the Committee's previous progress reports, which have been published on a semiannual basis since October 2011.⁴

As of end-September 2019, all member jurisdictions have risk-based capital rules, Liquidity Coverage Ratio (LCR) regulations and capital conservation buffers in force. Twenty-six member jurisdictions also have final rules in force for the countercyclical capital buffer. With regard to the global systemically important bank (G-SIB) requirements published in 2013, all members that are home jurisdictions to G-SIBs have final rules in force. Twenty-one member jurisdictions have issued final rules for the revised securitisation framework.

Since the previous report was published, in May 2019, member jurisdictions have made further progress in implementing capital requirements for bank exposures to central counterparties (CCPs), with 24 member jurisdictions having issued draft or final rules. Nineteen jurisdictions have final rules in place for capital requirements for equity investments in funds. Ten jurisdictions have issued final rules for revised minimum requirements for market risk either for capital or reporting purposes. The leverage ratio based on the existing (2014) exposure definition has been partly or fully implemented in 26 member jurisdictions, whereas 13 jurisdictions have issued draft or final rules for the leverage ratio based on the revised (2017) exposure definitions. Twenty-six member jurisdictions have issued draft or final rules for the standardised approach for measuring counterparty credit risk exposures (SA-CCR).

Significant progress has been made in implementing the standard on interest rate risk in the banking book (IRRBB) and the supervisory framework for measuring and controlling large exposures, with the number of jurisdictions that have issued draft or final rules increasing to 24 and 25, respectively. Moreover, 22 member jurisdictions have issued draft or final rules for the Net Stable Funding Ratio (NSFR).

Significant progress has been also observed in implementing the disclosure framework.

¹ For more details of the RCAP, see the Committee's website, www.bis.org/bcbs/implementation.htm.

² See www.bis.org/press/p171207.htm.

³ Draft or final rules published and reported by member jurisdictions between end-September 2019 and the publication of this report may be taken into account.

⁴ For previous progress reports, see www.bis.org/bcbs/implementation/rcap_reports.htm. Member jurisdictions are responsible for implementing the Basel standards within the time frame established by the Committee, and they both undergo and participate in assessments of the consistency of domestic rules and supervisory practices in relation to the Basel standards (see the Basel Committee Charter, www.bis.org/bcbs/charter.htm).

Table 1 below summarises the progress made in implementing the Basel standards since the last progress report was published.

Table 1: Member jurisdictions that have issued final rules

Standard	Number of jurisdictions as of end-March 2019	Number of jurisdictions as of end-September 2019
Capital requirements for CCPs	10	19
Capital requirements for equity investments in funds	10	19
SA-CCR	12	21
TLAC holdings	8	17
Revised minimum requirements for market risk	1	10
Leverage, existing (2014) exposure definition	16	26
Leverage, revised (2017) exposure definition	1	10
Leverage ratio buffer	1	10
Interest rate risk in the banking book	9	20
Net Stable Funding Ratio (NSFR)	13	22
Supervisory framework for measuring and controlling large exposures (LEX)	11	21
Disclosure – Revised Pillar 3 requirements (published 2015)	12	21
Disclosure – CCyB, Liquidity, Remuneration, Leverage ratio (revised) (Dec 2017)	9	20
Disclosure – Key metrics, IRRBB, NSFR (Jan 2018)	6	15
Disclosure – Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators (Dec 2018)	10	19
Disclosure – TLAC	6	15

While the Committee welcomes the overall progress made on the implementation of standards by member jurisdictions, it urges them to strive for full, timely and consistent implementation of Basel III post-crisis reforms and will continue monitoring closely the implementation of these reforms.

Regarding the *consistency of regulatory implementation*, the Committee has published its assessment reports on all 27 members regarding their implementation of Basel risk-based capital and LCR standards. Further, assessments of implementation of the Basel G-SIB framework were published in June 2016, covering the five jurisdictions that are currently home to G-SIBs.

In 2018, the Committee started assessing the consistency of implementation of the NSFR and the LEX framework. As of end-September 2019, the review of the implementation of these standards in

Australia, Brazil, Canada, India and Saudi Arabia have been completed and the reports published.⁵ Overall, the NSFR regulations and the LEX framework in these jurisdictions were found to be “compliant” with the Basel standards. The Committee plans to complete its review of the implementation of the NSFR and the LEX framework for all member jurisdictions by March 2021.⁶

Regarding the analysis of *consistency of regulatory outcomes*, the Committee has published five reports on the regulatory consistency of risk-weighted assets in the banking book and in the trading book.⁷

Status of adoption of Basel standards

Scope

This report is designed to monitor the adoption progress of all Basel standards agreed to date. The monitoring tables include all standards currently in the course of implementation in BCBS member jurisdictions. This means that, in contrast to earlier reports, it no longer includes the Basel II and 2.5 standards, nor those Basel III standards that have been implemented by all BCBS members (definition of capital, capital conservation buffer and LCR). The attached table therefore reviews members’ regulatory adoption of the following standards.

- The following aspects of the *risk-based capital* standards are still being implemented:
 - Countercyclical buffer: the countercyclical buffer became fully effective on 1 January 2019 after being phased in parallel to the capital conservation buffer between 1 January 2016 and year-end 2018.
 - Margin requirements for non-centrally cleared derivatives: these requirements, most recently updated in March 2015, are being phased in between 1 September 2016 and 31 August 2021.
 - Capital requirements for bank exposures to central counterparties: in April 2014, the Committee issued the final standard for the capital treatment of bank exposures to CCPs. These came into effect on 1 January 2017.
 - Capital requirements for equity investment in funds: in December 2013, the Committee issued the final standard for the treatment of banks’ investments in the equity of funds that are held in the banking book, which took effect from 1 January 2017.
 - The standardised approach for measuring counterparty credit risk exposure: in March 2014, the Committee issued the final standard on SA-CCR, which took effect on 1 January 2017. It replaced both the Current Exposure Method (CEM) and the Standardised Method (SM) in the capital adequacy framework, while the Internal Model Method (IMM) shortcut method is eliminated from the framework.
 - Securitisation framework: the Committee issued revisions to the securitisation framework in December 2014 and July 2016 to strengthen the capital standards for securitisation exposures held in the banking book, which came into effect on 1 January 2018.
 - TLAC holdings: the TLAC holdings standard was issued by the Committee in October 2016. It applies to all banks and describes the prudential treatment for holdings

⁵ All jurisdictional reports are available at www.bis.org/bcbs/implementation/rcap_jurisdictional.htm.

⁶ The timetable for these assessments is available at www.bis.org/bcbs/implementation/rcap_aoi.htm.

⁷ Reports are available at www.bis.org/bcbs/implementation/rcap_thematic.htm.

of instruments that comprise TLAC for the issuing G-SIB. The standard took effect from 1 January 2019.

- Finalised reforms to the risk-based capital framework: in December 2017, the Committee issued the finalised Basel III post-crisis reforms, which will take effect from January 2022 and include the following aspects of the risk-based capital framework:
 - Revised standardised approach for credit risk.
 - Revised internal ratings-based (IRB) approach for credit risk.
 - Revised credit valuation adjustment (CVA) framework.
 - Revised minimum capital requirements for market risk: the Committee published in January 2019 a set of revisions to the market risk framework, which will also take effect as of January 2022.
 - Revised operational risk framework.
 - Output floor: the Committee replaced the existing Basel II floor with a floor based on the revised Basel III standardised approaches. This revised output floor is to be phased in between 1 January 2022 and end-2026, becoming fully effective on 1 January 2027.
- The following aspects of the *Basel III leverage ratio* are still being implemented:
 - Leverage ratio based on the existing (2014) exposure definition: in January 2014, the Committee issued the Basel III leverage ratio framework and disclosure requirements. Implementation of the leverage ratio requirements came into effect on 1 January 2018, while public disclosure started on 1 January 2015.
 - Leverage ratio based on the revised (2017) exposure definition: in December 2017, the Committee issued the revised leverage ratio framework with revisions to its exposure measure, which will come into effect on 1 January 2022.
- The following aspects of the *liquidity* requirements are still being implemented:
 - Monitoring tools for intraday liquidity management: this standard was developed in consultation with the Committee on Payment and Settlement Systems (now the Committee on Payments and Market Infrastructures) to enable banking supervisors to better monitor a bank's management of intraday liquidity risk and ability to meet payment and settlement obligations on a timely basis. The reporting of the monitoring tools commenced on a monthly basis from 1 January 2015 to coincide with the implementation of the LCR reporting requirements.
 - Basel III Net Stable Funding Ratio: in October 2014, the Basel Committee issued the final standard for the NSFR. In line with the timeline specified in the 2010 publication of the liquidity risk framework, the NSFR became a minimum standard on 1 January 2018.
- The following aspects of the requirements for *systemically important banks (SIBs)* are still being implemented:
 - G-SIB framework: in July 2013, the Committee published an updated framework for the assessment methodology and higher loss absorbency requirements for G-SIBs. The requirements came into effect on 1 January 2016 and became fully effective on 1 January 2019. In July 2018, the Committee published a further updated framework, which is expected to be implemented by 2021.⁸

⁸ Future progress reports will consider monitoring the implementation status of these revisions.

- D-SIB framework: in October 2012, the Committee issued a set of principles on the assessment methodology and the higher loss absorbency requirement for D-SIBs. Given that the D-SIB framework complements the G-SIB framework, the Committee believes it would be appropriate if banks identified as D-SIBs by their national authorities were required to comply with the principles in line with the phase-in arrangements for the G-SIB framework, ie from January 2016.
- Leverage ratio buffer: in December 2017, the Committee issued the revised leverage ratio framework and introduced a leverage ratio buffer for G-SIBs, which will come into effect on 1 January 2022.
- *Interest rate risk in the banking book*: in April 2016, the Committee issued the final standard for IRRBB, which came into effect from end-2018.
- *Supervisory framework for measuring and controlling large exposures*: in April 2014, the Committee issued the final standard that sets out a supervisory framework for measuring and controlling large exposures, which took effect from 1 January 2019.
- *Pillar 3 disclosure requirements*: in January 2015, the Basel Committee issued revised Pillar 3 disclosure requirements, which took effect from end-2016 (ie banks are required to publish their first Pillar 3 report under the revised framework concurrently with their end-2016 financial report). In March 2017, the Committee published standards developed during the second phase of its review of the Pillar 3 disclosure framework, building on the revisions published in 2015 and consolidating and enhancing other disclosures. These requirements take effect between 2017 and 2019 (except for market risk, for which the implementation and regulatory reporting date is 1 January 2022). In December 2018, the Committee published standards developed during the third phase of its review of the Pillar 3 disclosure framework. These requirements will take effect between 2020 and 2022.

Methodology

The information contained in the following tables is based on responses from Basel Committee member jurisdictions, and reports the status as of end-September 2019.

The following classification is used for the adoption status of Basel regulatory rules:

1. *Draft regulation not published*: no draft law, regulation or other official document has been made public to detail the planned content of the domestic regulatory rules. This status includes cases where a jurisdiction has communicated high-level information about its implementation plans, but not detailed rules.
2. *Draft regulation published*: a draft law, regulation or other official document is already publicly available – for example, for public consultation or legislative deliberations. The content of the document has to be specific enough to be implemented when adopted.
3. *Final rule published*: the domestic legal or regulatory framework has been finalised and approved, but is still not implemented by banks.
4. *Final rule in force*: the domestic legal and regulatory framework has been published and is implemented by banks.

In order to support and supplement the status reported, summary information about the next steps and the adoption plans being considered is also provided for each jurisdiction.⁹

⁹ Links to domestic implementation documents are available at www.bis.org/publ/bcbs/b3prog_dom_impl.htm.

In addition to the status classification, a colour code is used to indicate the adoption status of each jurisdiction: **green** = adoption completed; **yellow** = adoption in process (draft regulation published); **red** = adoption not started (draft regulation not published); and "na" = not applicable. The colour code is used for those Basel components for which the agreed adoption deadline has passed.

A standard is deemed to be adopted and implemented only when the numerical code is 4 *and* the colour code is green.

Overview of implementation

Number code: 1 = draft regulation not published; 2 = draft regulation published; 3 = final rule published (not yet implemented by banks); 4 = final rule in force (published and implemented by banks); and * = implementation status mixed (please refer to the progress monitoring report).

Standards for which the agreed implementation deadline has passed receive a colour code to reflect the status of implementation: **green** = adoption completed; **yellow** = adoption in process (draft regulation published); **red** = adoption not started (draft regulation not published); and "na" = not applicable.

Basel standards		Deadline	AR	AU	BR	CA	CN	HK	IN	ID	JP	KR	MX	RU	SA	SG	ZA	CH	TR	US	EU	
Capital	Countercyclical capital buffer	Jan 2016	4	4	4	4	*	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	Margin requirements for non-centrally cleared derivatives	Sep 2016	1	4	4	4	1	4	2	1	4	4	2	1	4	4	2	4	1	4	4	
	Capital requirements for CCPs	Jan 2017	4	4	4	4	1	2	3	1	4	4	1	2	4	4	2	4	2	2	3	
	Capital requirements for equity investments in funds	Jan 2017	4	1	4	4	1	2	na	na	4	4	*	4	4	4	2	4	4	1	3	
	SA-CCR	Jan 2017	4	4	4	4	4	2	3	4	4	4	1	2	4	4	2	4	2	2	3	
	Securitisation framework	Jan 2018	4	4	4	4	1	4	1	4	4	4	1	4	4	4	1	4	1	1	4	
	TLAC holdings	Jan 2019	4	1	4	4	1	4	1	1	4	1	1	2	4	4	1	4	1	2	4	
	Revised standardised approach for credit risk	Jan 2022	1	2	1	1	1	1	1	1	2	1	2	1	2	1	1	1	1	1	1	1
	Revised IRB approach for credit risk	Jan 2022	na	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
	Revised CVA framework	Jan 2022	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Revised minimum requirements for market risk	Jan 2022	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	*
	Revised operational risk framework	Jan 2022	1	2	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1
	Output floor	Jan 2022	na	1	1	1	1	1	1	1	1	1	2	1	4	1	1	1	1	1	1	1
	Leverage ratio	Existing (2014) exposure definition	Jan 2018	4	1	4	4	4	4	4	*	4	4	4	4	4	4	4	4	4	4	4
Revised (2017) exposure definition		Jan 2022	4	2	1	1	1	1	1	1	2	1	1	1	1	1	1	*	2	1	3	

Basel standards		Deadline	AR	AU	BR	CA	CN	HK	IN	ID	JP	KR	MX	RU	SA	SG	ZA	CH	TR	US	EU
SIB	G-SIB requirements	Jan 2016	na	4	4	4	4	4	na	na	4	na	na	na	na	4	na	4	na	4	4
	D-SIB requirements	Jan 2016	4	4	4	4	*	4	4	4	4	4	4	4	4	4	4	4	4	na	4
	Leverage ratio buffer	Jan 2022	na	na	na	1	1	1	na	na	1	na	na	1	1	na	na	4	na	2	3
IRRBB	Interest rate risk in the banking book (IRRBB)	2018	4	2	4	3	4	4	2	4	4	2	*	2	4	4	1	4	1	4	*
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	4	4	3	1	4	4	4	1	1	na	4	4	4	4	4	4	4	4
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	4	4	3	4	4	3	4	2	4	2	4	4	4	4	2	2	2	3
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	4	4	3	4	4	4	4	2	2	1	2	4	3	1	4	2	4	3
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	1	3	4	1	4	1	2	4	4	*	4	4	4	4	4	4	1	*
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	1	*	*	*	4	1	2	4	4	*	4	4	4	4	4	*	4	*
	Key metrics, IRRBB, NSFR	Jan 2018	4	*	*	*	*	4	*	*	*	*	1	*	4	*	*	4	*	*	3
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4	1	*	*	1	4	*	*	*	4	1	4	4	4	*	4	1	4	*
	TLAC	Jan 2019	na	na	1	4	1	4	na	na	4	3	1	na	4	na	na	4	na	2	4
	Market risk	Jan 2022	1	1	1	1	1	1	1	1	1	3	1	1	3	1	1	1	1	1	1

Implementation in Argentina

Number code: 1 = draft regulation not published; 2 = draft regulation published; 3 = final rule published (not yet implemented by banks); 4 = final rule in force (published and implemented by banks). Standards for which the agreed implementation deadline has passed receive a colour code to reflect the status of implementation: **green** = adoption completed; **yellow** = adoption in process (draft regulation published); **red** = adoption not started (draft regulation not published); and "na" = not applicable.

	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final rule published on 11 November 2015 and in force from 1 January 2016 (Section 4.2 Communication "A" 5827).
	Margin requirements for non-centrally cleared derivatives	Sep 2016	1	Draft regulation not published.
	Capital requirements for CCPs	Jan 2017	4	Final rule published on 6 January 2017 and in force from 1 March 2017 (Communication "A" 6147).
	Capital requirements for equity investments in funds	Jan 2017	4	Final rule published on 30 November 2016 and in force from 1 January 2017 (Communication "A" 6108).
	SA-CCR	Jan 2017	4	Final rule published on 6 January 2017 and in force from 1 March 2017 (Communication "A" 6146).
	Securitisation framework	Jan 2018	4	Final rule published on 12 January 2018 and in force from 1 March 2018 (Communication "A" 6433).
	TLAC holdings	Jan 2019	4	Final rule published on 29 March 2019 and in force from 1 April 2019 (Communication "A" 6662)
	Revised standardised approach for credit risk	Jan 2022	1	Draft regulation not published.
	Revised IRB approach for credit risk	Jan 2022	na	IRB approach is not applicable in Argentina.
	Revised CVA framework	Jan 2022	1	Draft regulation not published.
	Revised minimum requirements for market risk	Jan 2022	1	Draft regulation not published.
	Revised operational risk framework	Jan 2022	1	Draft regulation not published.
	Output floor	Jan 2022	na	Standardised approaches are only allowed in Argentina.
Leverage	Existing (2014) exposure definition	Jan 2018	4	Final rule published in July 2014 (Communication "A" 5606).
	Revised (2017) exposure definition	Jan 2022	4	Final rule published on 12 January 2018 –and in force from 1 March 2018 (Communication "A" 6431).
	G-SIB requirements	Jan 2016	na	BCRA is not home supervisor of any G-SIB.

SIB	D-SIB requirements	Jan 2016	4	Final rule published in January 2015 and in force from 1 Jan 2016.
	Leverage ratio buffer	Jan 2022	na	BCRA is not home supervisor of any G-SIB.
IRRBB	Interest rate risk in the banking book	2018	4	Final rule published on 15 December 2017 and in force from 1 July 2018 (Communication "A" 6397).
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	Final rule published on 30 November 2016 (Communication "A" 6107 and Communication "A" 6685).
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	Final rule published on 25 August 2017 and in force from 1 January 2018 (Communication "A" 6306).
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	Final rule published on 22 November 2018 and in force from 1 January 2019 (Communication "A" 6599).
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	Final rule published on 6 January 2017 and in force from 31 December 2016 (Communication "A" 6143).
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	Final rule published on 20 February 2018 and in force from 31 December 2017 (Communication "A" 6451).
	Key metrics, IRRBB, NSFR	Jan 2018	4	Final rule published on 20 February 2018 and in force from 1 January 2018 (Communication "A" 6451).
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4	Final rule published on 26 December 2018 and in force from 31 December 2018 (Communication "A" 6617).
	TLAC	Jan 2019	na	BCRA is not home supervisor of any G-SIB.
	Market risk	Jan 2022	1	Draft regulation not published.

Implementation in Australia

Number code: 1 = draft regulation not published; 2 = draft regulation published; 3 = final rule published (not yet implemented by banks); 4 = final rule in force (published and implemented by banks). Standards for which the agreed implementation deadline has passed receive a colour code to reflect the status of implementation: **green** = adoption completed; **yellow** = adoption in process (draft regulation published); **red** = adoption not started (draft regulation not published); and "na" = not applicable.

	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final rule published on 28 September 2012 and in force from 1 January 2016.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	Final rule published on 17 October 2016. The requirements are phased in from 1 March 2017 and are fully effective on 1 September 2021, following the implementation of the extended implementation timeline for initial margin requirements, as agreed by BCBS and IOSCO.
	Capital requirements for CCPs	Jan 2017	4	Final rule published on 23 April 2018 and in force from 1 July 2019.
	Capital requirements for equity investments in funds	Jan 2017	1	APRA's existing approach is considered super-equivalent. Draft rule (proposal not to change APRA's existing approach) expected to be published in 2019.
	SA-CCR	Jan 2017	4	Final rule published on 23 April 2018 and in force from 1 July 2019.
	Securitisation framework	Jan 2018	4	Implemented.
	TLAC holdings	Jan 2019	1	Draft rule expected to be published in 2019.
	Revised standardised approach for credit risk	Jan 2022	2	Draft rule published in 2019
	Revised IRB approach for credit risk	Jan 2022	1	Draft rule published in 2019 for mortgages; Draft rule for other aspects of revised IRB approach to credit risk expected to be published in 2019.
	Revised CVA framework	Jan 2022	1	Draft rule expected to be published in 2020.
	Revised minimum requirements for market risk	Jan 2022	1	Draft rule expected to be published in 2020.
	Revised operational risk framework	Jan 2022	2	Draft rule published in 2019.
Output floor	Jan 2022	1	Draft rule under development.	
Leverage	Existing (2014) exposure definition	Jan 2018	1	
	Revised (2017) exposure definition	Jan 2022	2	APRA intends to adopt a single implementation of the leverage ratio using the revised exposure measure. Draft rule published in November 2018.
	G-SIB requirements	Jan 2016	4	No Australian bank is on the current list of G-SIBs, although the four Australian D-SIBs fall under the public G-SIB disclosure framework. Final rule

SIB				for the G-SIB disclosures for the four Australian D-SIBs published on 8 May 2015 and in force from 1 July 2015.
	D-SIB requirements	Jan 2016	4	Final rule published on 23 December 2013 and in force from 1 January 2016.
	Leverage ratio buffer	Jan 2022	na	No Australian bank is currently designated as a G-SIB, so APRA does not intend to publish rules on the leverage ratio buffer.
IRRBB	Interest rate risk in the banking book	2018	2	Draft rule published in 2019.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	Implemented.
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	Implemented.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	Implemented.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	1	Draft rule under development.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	1	Draft rule under development.
	Key metrics, IRRBB, NSFR	Jan 2018	4,1	Draft rule under development; final rule for NSFR disclosure commenced from 1 July 2018.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	1	Draft rule under development.
	TLAC	Jan 2019	na	No Australian bank is currently designated as a G-SIB, so APRA does not intend to publish TLAC disclosure rules.
	Market risk	Jan 2022	1	Draft rule expected to be published in 2020.

Implementation in Brazil

Number code: 1 = draft regulation not published; 2 = draft regulation published; 3 = final rule published (not yet implemented by banks); 4 = final rule in force (published and implemented by banks). Standards for which the agreed implementation deadline has passed receive a colour code to reflect the status of implementation: **green** = adoption completed; **yellow** = adoption in process (draft regulation published); **red** = adoption not started (draft regulation not published); and "na" = not applicable.

	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final rule published in March 2013 and in force from 1 October 2013.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	Final rule published in May 2018 and effective from 1 September 2019.
	Capital requirements for CCPs	Jan 2017	4	Final rule published in September 2017 and in force from 1 January 2018.
	Capital requirements for equity investments in funds	Jan 2017	4	Final rule published and in force from 1 October 2013.
	SA-CCR	Jan 2017	4	Final rule published in June 2018 and in force from 1 June 2019.
	Securitisation framework	Jan 2018	4	Final rule published in September 2017 and in force from 1 January 2018.
	TLAC holdings	Jan 2019	4	Final rule published and in force from 19 December 2018.
	Revised standardised approach for credit risk	Jan 2022	1	Studies for implementation in progress.
	Revised IRB approach for credit risk	Jan 2022	1	Studies for implementation in progress.
	Revised CVA framework	Jan 2022	1	Studies for implementation in progress.
	Revised minimum requirements for market risk	Jan 2022	1	Studies for implementation in progress.
	Revised operational risk framework	Jan 2022	1	Studies for implementation in progress.
Output floor	Jan 2022	1	Studies for implementation in progress.	
Leverage	Existing (2014) exposure definition	Jan 2018	4	Final rule regarding leverage exposure definition published in February 2015 and in force since 1 October 2015. Final rule regarding Pillar 1 leverage requirement published in November 2017 and in force from 1 January 2018.
	Revised (2017) exposure definition	Jan 2022	1	Studies for implementation in progress.
SIB	G-SIB requirements	Jan 2016	4	No G-SIB is headquartered in Brazil, although some banks fall under the public G-SIB disclosure framework. The final rules for disclosure came into force in March 2015.
	D-SIB requirements	Jan 2016	4	Final rule published in October 2015 and in force since 1 January 2016.

	Leverage ratio buffer	Jan 2022	na	No G-SIB is headquartered in Brazil.
IRRBB	Interest rate risk in the banking book	2018	4	Final rule published in February 2018 and in force from 1 November 2018.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	Regulation regarding liquidity risk management framework published in May 2012 and in force since January 2013. The Central Bank of Brazil (BCB) collects and monitors, in real time, direct participants' intraday positions in domestic currency, considering its role as: (i) payments system overseer and (ii) manager of the real time gross settlement systems for funds (STR - Reserve Transfer System) and for government securities (Selic System). Under liquidity stress situations, the BCB monitoring team uses daily reports to assess intraday liquidity levels, while the on-site supervisory team has legal capacity to monitor intraday liquidity at the institutions' funds transfers' desk.
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	Final rule published in December 2017 and in force from 1 October 2018.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	Final rule published in July 2018 and in force from 1 January 2019.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	3	Final rule published in February 2019 and in force from 1 January 2020. The Central Bank of Brazil combined phases 1 and 2 of the BCBS review of Pillar 3 framework.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4, 3	(4) Countercyclical buffer (CCyB): final rule published in October 2015. (4) Liquidity – LCR: final rule published in March 2015 and in force from October 2015. (4) Leverage ratio (phases 1 and 2): final rule published in September 2017 and in force from January 2018. (3) Remuneration: Final rule published in February 2019 and in force from 1 January 2020.
	Key metrics, IRRBB, NSFR	Jan 2018	4, 3	(4) Liquidity – NSFR: final rule published in December 2017 and in force from 1 October 2018. (4) IRRBB: final rule published in February 2018 and in force from 31 December 2018. (3) Key metrics: final rule published in February 2019 and in force from 1 January 2020.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4, 3	(4) G-SIB indicators: final rule published in March 2015. (3) Composition of capital: final rule published in 31 October 2013 in accordance with the document Composition of capital disclosure requirements. New rule with the adjustments of Revised Pillar 3 (2015) published in February 2019 and in force from 1 January 2020.

				(3) All the others: Final rule published in February 2019 and in force from 1 January 2020.
	TLAC	Jan 2019	1	Disclosure related to TLAC follows TLAC implementation process.
	Market risk	Jan 2022	1	Disclosure related to market risk follows Fundamental review of the trading book (FRTB) implementation process.

Implementation in Canada

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final guidance published in October 2016 for implementation on 1 November 2016.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	Final rules published in February 2016 and implemented in September 2016.
	Capital requirements for CCPs	Jan 2017	4	Final rule published 30 October 2018 for implementation in Q1 2019.
	Capital requirements for equity investments in funds	Jan 2017	4	Final guidance published in October 2016 and in force on 1 November 2016.
	SA-CCR	Jan 2017	4	Final rule published 30 October 2018 and implemented in Q1 2019.
	Securitisation framework	Jan 2018	4	Final rule published 7 October 2018 and implemented in Q1 2019.
	TLAC holdings	Jan 2019	4	Final guidance issued 18 April 2018 and implemented in Q1 2019.
	Revised standardised approach for credit risk	Jan 2022	1	Discussion paper published 16 July 2018. Draft rule under development.
	Revised IRB approach for credit risk	Jan 2022	1	Discussion paper published 16 July 2018. Draft rule under development.
	Revised CVA framework	Jan 2022	1	Discussion paper published 16 July 2018. Draft rule under development.
	Revised minimum requirements for market risk	Jan 2022	1	Discussion paper published 16 July 2018. Draft rule under development.
	Revised operational risk framework	Jan 2022	1	Discussion paper published 16 July 2018. Draft rule under development.
Output floor	Jan 2022	1	Discussion paper published 16 July 2018. Draft rule under development.	
Leverage	Existing (2014) exposure definition	Jan 2018	4	Final guidance issued and in force. Domestic leverage test replaced by Basel III leverage ratio, effective in Q1 2015.
	Revised (2017) exposure definition	Jan 2022	1	Discussion paper published 16 July 2018. Draft rule under development.
SIB	G-SIB requirements	Jan 2016	4	Final rules issued and additional supervisory expectations and disclosure obligations in effect.
	D-SIB requirements	Jan 2016	4	Final rules issued and additional supervisory expectations and disclosure obligations in effect.

	Leverage ratio buffer	Jan 2022	1	Discussion paper published 16 July 2018. Draft rule under development.
IRRBB	Interest rate risk in the banking book	2018	3	Final rule published in May 2019 for implementation in January 2020.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	3	Final guidance published in November 2014.
	Net Stable Funding Ratio (NSFR)	Jan 2018	3	Final guidance published in April 2019 for implementation in January 2020.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	3	Final guidance published in April 2019 for implementation in Q1 2020.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	Final guidance published in April 2017 and effective for 31 October 2018.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4, 1	(1) CCyB disclosure is under development. (4) Liquidity (LCR) disclosure guidance was published in July 2014 and effective in Q2 2015. (4) Remuneration disclosure guidance published December 2011 and effective in Q4 2012. (4) Leverage ratio final guidance published September 2014 and effective in Q1 2015. Revised on November 20, 2018 for elements of Basel III reforms and implemented in Q1 2019 reporting.
	Key metrics, IRRBB, NSFR	Jan 2018	3,2,1	(2) Key metric disclosure is under development. TLAC key metrics disclosure guidance published May 28, 2018 and implemented in Q1 2019 (1) IRRBB disclosure is under development. (3) Final Net Stable Funding Ratio (NSFR) disclosure requirements guidance published in April 2019 for implementation in Q1 2021.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4, 1	(4) Composition of capital disclosure guidance was published in July 2013 and effective in Q3 2014. The guidance was updated on 28 May 2018 to incorporate changes related to TLAC disclosure for implementation by Q1 2019. (1) RWA overview disclosure is under development (1) Prudential valuation adjustments disclosure is under development. (4) G-SIB indicators disclosure guidance was published in March 2014 and effective in Q1 2015.
	TLAC	Jan 2019	4	Final guidance published 28 May 2018 and implemented in Q1 2019.
	Market risk	Jan 2022	1	Under development.

Implementation in China

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4, 1	(4) High-level principles published in June 2012 and in force from January 2013; and (1) Detailed policy framework is under development.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	1	The policy is under development.
	Capital requirements for CCPs	Jan 2017	1	Draft rule is under development.
	Capital requirements for equity investments in funds	Jan 2017	1	Draft rule is under development.
	SA-CCR	Jan 2017	4	Final rules published in January 2018 and has become effective in January 2019.
	Securitisation framework	Jan 2018	1	Draft rule is under development.
	TLAC holdings	Jan 2019	1	The TLAC holding policy framework is under development.
	Revised standardised approach for credit risk	Jan 2022	1	The policy is under development.
	Revised IRB approach for credit risk	Jan 2022	1	The policy is under development.
	Revised CVA framework	Jan 2022	1	The policy is under development.
	Revised minimum requirements for market risk	Jan 2022	1	The policy is under development.
	Revised operational risk framework	Jan 2022	1	The policy is under development.
Output floor	Jan 2022	1	The policy is under development.	
Leverage	Existing (2014) exposure definition	Jan 2018	4	Revised rules adopting amendments to the Basel III leverage ratio and disclosure requirements were published in January 2015 and are already in effect.
	Revised (2017) exposure definition	Jan 2022	1	The policy is under development.

SIB	G-SIB requirements	Jan 2016	4	Guidelines on the disclosure of GSIB assessment indicators already published and in force from February 2014. The G-SIB surcharge is specified in the Capital Rules for Commercial Banks (published in June 2012 and in force from January 2013).
	D-SIB requirements	Jan 2016	4, 1	(4) The high-level principles and D-SIB surcharge of 1% has been established in The Capital Rules for Commercial Banks (published in June 2012 and in force from January 2013); and (1) Guiding principles for D-SIB supervision has been published in 2018 Nov and come into force on the date of issuance. But detailed standards on D-SIB identification and supervision are still under development.
	Leverage ratio buffer	Jan 2022	1	The policy is under development.
IRRBB	Interest rate risk in the banking book	2018	4	The revised guideline on IRRBB was published in May 2018 and has become effective on 1 January 2019.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	1	The policy is under development.
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	The NSFR policy was published in May 2018 and came into effect on 1 July 2018.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	The policy was published in May 2018 and came into effect on 1 July 2018.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	1	Under development. The CBIRC plans to formulate comprehensive Pillar 3 framework covering disclosure requirements of phase 1, 2 and 3.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	1,4	(1)For CCyB and Remuneration, the regulatory policies are under development. (4) For liquidity disclosure requirement, the former CBRC implemented rules on liquidity coverage ration disclosure in Dec. 2015 and the CBIRC promulgated rules on NSFR disclosure in Mar. 2019. As such, the implementation status for liquidity disclosure in China shall be "4" now. For leverage ratio disclosure requirement, the former CBRC implemented rules in April 2015.
	Key metrics, IRRBB, NSFR	Jan 2018	1,4	(1) For Key metrics and IRRBB, the regulatory policies are under development. (4) Disclosure requirement for NSFR has been promulgated and implemented in March 2019.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	1	Under development.
	TLAC	Jan 2019	1	Under development.

	Market risk	Jan 2022	1	Under development. The CBIRC plans to formulate comprehensive Pillar 3 framework covering disclosure requirements of phase 1, 2 and 3.
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Implementation in Hong Kong SAR

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final rule on capital buffers and associated disclosure requirements published on 24 October 2014 and 24 December 2014, and in force from 1 January 2015 and 31 March 2015, respectively.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	Final rule published on 27 January 2017 and in force from 1 March 2017 (subject to a 6-month transitional period).
	Capital requirements for CCPs	Jan 2017	2	Draft rules published in August 2018.
	Capital requirements for equity investments in funds	Jan 2017	2	Draft rules related to Standardised Approach published in Jan 2019 while those related to IRB Approach are expected to be published within 2019.
	SA-CCR	Jan 2017	2	Draft rules published in August 2018.
	Securitisation framework	Jan 2018	4	Final rules in force from 1 January 2018.
	TLAC holdings	Jan 2019	4	Final rules in force from 1 April 2019.
	Revised standardised approach for credit risk	Jan 2022	1	Policy framework is currently under development.
	Revised IRB approach for credit risk	Jan 2022	1	Policy framework is currently under development.
	Revised CVA framework	Jan 2022	1	Draft rules expected to be published in 2020.
	Revised minimum requirements for market risk	Jan 2022	1	Draft rules expected to be published in 2020.
	Revised operational risk framework	Jan 2022	1	Policy framework is currently under development.
Output floor	Jan 2022	1	Policy framework is currently under development.	
Leverage	Existing (2014) exposure definition	Jan 2018	4	Bank-level reporting of leverage ratio has already started from reporting date of year ended 31 December 2013. Final rules in force from 1 January 2018.
	Revised (2017) exposure definition	Jan 2022	1	Two refinements introduced in December 2017 (ie treatment of cash pooling transactions and reverse repo transactions) implemented from 1 January 2018. Considering whether further revisions are necessary.

SIB	G-SIB requirements	Jan 2016	4	Final rule on G-SIB requirements and associated disclosure requirements published on 24 October 2014 and 24 December 2014, and in force from 1 January 2015 and 31 March 2015, respectively.
	D-SIB requirements	Jan 2016	4	Final rule on D-SIB requirements published on 24 October 2014 and in force from 1 January 2015. Guideline on the assessment methodology for identifying systemically important banks in Hong Kong was finalised on 18 February 2015.
	Leverage ratio buffer	Jan 2022	1	Considering applicability to Hong Kong as a host jurisdiction for G-SIBs.
IRRBB	Interest rate risk in the banking book	2018	4	Final rules came into force on 1 July 2019.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	Monthly reporting of intraday liquidity positions by local licensed banks has commenced from reporting date of end-October 2015.
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	Final rules on NSFR commenced effect from 1 January 2018.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	Final rules came into force on 1 July 2019 (with a 6-month grace period). Due to the grace period, the standard is not yet fully implemented by all banks.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	Final rules in force from 31 March 2017.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	Final rules in force from 30 June 2018.
	Key metrics, IRRBB, NSFR	Jan 2018	4	Final rules in force from 30 June 2018.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4	Final rules in force from 30 June 2018.
	TLAC	Jan 2019	4	Final rules in force from 14 December 2018.
	Market risk	Jan 2022	1	The publication of draft rules depends on the implementation schedule for the minimum capital requirements for market risk in Hong Kong.

Implementation in India

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final rule in force from 5 February 2015.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	2	A discussion paper was published in May 2016. Rule under finalisation.
	Capital requirements for CCPs	Jan 2017	3	Final rule issued on 10 November 2016. The date of implementation of the guidelines is under review.
	Capital requirements for equity investments in funds	Jan 2017	na	Not relevant for India as equity investment in funds are not held in the banking book.
	SA-CCR	Jan 2017	3	Final rule issued on 10 November 2016. The date of implementation of the guidelines is under review.
	Securitisation framework	Jan 2018	1	Draft rule is under development.
	TLAC holdings	Jan 2019	1	Draft regulation not published.
	Revised standardised approach for credit risk	Jan 2022	1	Draft regulation not published.
	Revised IRB approach for credit risk	Jan 2022	1	Draft regulation not published.
	Revised CVA framework	Jan 2022	1	Draft regulation not published.
	Revised minimum requirements for market risk	Jan 2022	1	Draft regulation not published.
	Revised operational risk framework	Jan 2022	1	Draft regulation not published.
Output floor	Jan 2022	1	Draft regulation not published.	
Leverage	Existing (2014) exposure definition	Jan 2018	4	Revised guidelines on leverage ratio framework, incorporating amendments based on the BCBS leverage ratio framework (January 2014) were issued in January 2015 and are in force since 1 April 2015.
	Revised (2017) exposure definition	Jan 2022	1	Final rule based on BCBS prescription dated December 2017 is yet to be issued.
SIB	G-SIB requirements	Jan 2016	na	There are no Indian banks on the list of G-SIBs.

	D-SIB requirements	Jan 2016	4	Final framework for dealing with D-SIBs published in July 2014. D-SIBs are being declared on a regular basis and additional CET1 requirements for D-SIBs has been phased in from 1 April 2016.
	Leverage ratio buffer	Jan 2022	na	There are no Indian banks on the list of G-SIBs.
IRRBB	Interest rate risk in the banking book	2018	2	Draft issued on 2 February 2017. Rule under finalisation.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	Final rule in force from 3 November 2014.
	Net Stable Funding Ratio (NSFR)	Jan 2018	3	Final rule issued on 17 May 2018 and will be effective from 1 April 2020.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	Final rule issued on 1 December 2016 and is effective from 1 April 2019.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	1	Draft regulation not published.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	1	Draft regulation not published.
	Key metrics, IRRBB, NSFR	Jan 2018	1,2,3	(1) Draft regulation not published for key metrics. (2) Draft for IRRBB along with disclosure requirements issued on 2 February 2017. Rule under finalisation. 3) Disclosure requirement for NSFR is part of the final rule issued on 17 May 2018 and will be effective from 1 April 2020.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	1, na	Draft regulation not published. There are no Indian banks on the list of G-SIBs.
	TLAC	Jan 2019	na	Draft regulation not published.
	Market risk	Jan 2022	1	Draft regulation not published.

Implementation in Indonesia

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Countercyclical buffer is governed under the Basel III capital regulation issued in 2013. A more detailed regulation on Countercyclical Buffer was issued in December 2015 and has been effectively implemented starting January 2016.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	1	This proposal is still under study.
	Capital requirements for CCPs	Jan 2017	1	Under consideration. Currently Indonesia has formed a Task Force to establish a CCP.
	Capital requirements for equity investments in funds	Jan 2017	na	Banks are prohibited from making equity investments in funds.
	SA-CCR	Jan 2017	4	The final regulation on SA-CCR was published in September 2017 and in force since January 2018.
	Securitisation framework	Jan 2018	4	The final regulation on Securitisation framework was published in March 2019 and in force since 1 April 2019.
	TLAC holdings	Jan 2019	1	This proposal is still under study.
	Revised standardised approach for credit risk	Jan 2022	2	A consultative paper on Revised standardised approach for credit risk was issued in October 2018.
	Revised IRB approach for credit risk	Jan 2022	1	This proposal is still under study.
	Revised CVA framework	Jan 2022	1	This proposal is still under study.
	Revised minimum requirements for market risk	Jan 2022	1	This proposal is still under study.
	Revised operational risk framework	Jan 2022	2	A consultative paper on Revised operational risk framework was issued in June 2018.
Output floor	Jan 2022	1	This proposal is still under study.	
Leverage	Existing (2014) exposure definition	Jan 2018	2, 4	(2) A consultative paper on Leverage Ratio and the disclosure requirements was issued in October 2014.

				(4) Selected banks have been required to calculate the leverage ratio since the last quarter of 2014. Indonesia plans to integrate the adoption process of both Leverage Ratio frameworks (existing 2014 and revised 2017 exposure definition).
	Revised (2017) exposure definition	Jan 2022	2	A consultative paper on Revised (2017) exposure definition was issued in January 2019. Indonesia plans to integrate the adoption process of both Leverage Ratio frameworks (existing 2014 and revised 2017 exposure definition).
SIB	G-SIB requirements	Jan 2016	na	Indonesia is not home to any G-SIBs.
	D-SIB requirements	Jan 2016	4	D-SIBs capital surcharge has been stipulated in Indonesia's capital regulation issued in 2013. Regulation detailing the D-SIB framework methodology and its implementation on the capital surcharge was issued in December 2015. Banks that are categorised as D-SIBs imposed capital surcharge starting from January 2016.
	Leverage ratio buffer	Jan 2022	na	Indonesia is not home to any G-SIBs.
IRRBB	Interest rate risk in the banking book	2018	4	Regulation was issued and in force since August 2018.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	Regulation was issued in December 2015 and in force since January 2016.
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	Regulation was issued and in force since July 2017.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	The final regulation on Large Exposures framework was published in December 2018 and in force since 1 June 2019.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	2	A consultative paper on the Revised Pillar 3 Phase I and Phase II was published in October 2017. The framework currently remains in consultative paper format to accommodate potential further revisions from on-going discussions at the BCBS. Indonesia plans to integrate the adoption process of all revised pillar 3 frameworks (first, second and third phase). Currently, Banks are required to disclose their capital and risks exposures using a flexible template for the qualitative disclosure and fixed template for all quantitative disclosure based on OJK regulation issued in September 2016.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	2	A consultative paper on the Revised Pillar 3 Phase I and Phase II was published in October 2017.

			<p>The framework currently remains in consultative paper format to accommodate potential further revisions from on-going discussions at the BCBS.</p> <p>Indonesia plans to integrate the adoption process of all revised pillar 3 frameworks (first, second and third phase).</p>
Key metrics, IRRBB, NSFR	Jan 2018	2, na, 4	<p>(2) Key metrics - Template KM1: A consultative paper on the Revised Pillar 3 Phase I and Phase II was published in October 2017.</p> <p>The framework currently remains in consultative paper format to accommodate potential further revisions from on-going discussions at the BCBS.</p> <p>Indonesia plans to integrate the adoption process of all revised pillar 3 frameworks (first, second and third phase).</p> <p>(na) Template KM2 - Key metrics TLAC requirements (at resolution group level) is not applicable because Indonesia is not home to any G-SIBs.</p> <p>(4) IRRBB The final regulation of IRRBB was issued in August 2018.</p> <p>(4) The final regulation of NSFR was issued in July 2017.</p>
Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	2, na	<p>(2) Composition of capital, RWA overview, and Prudent Valuation Adjustments: A consultative paper on the Revised Pillar 3 Phase I and Phase II was published in October 2017.</p> <p>The framework currently remains in consultative paper format to accommodate potential further revisions from on-going discussions at the BCBS.</p> <p>Indonesia plans to integrate the adoption process of all revised pillar 3 frameworks (first, second and third phase).</p> <p>(na) G-SIB indicators - Indonesia is not home to any G-SIBs.</p>
TLAC	Jan 2019	na	<p>Disclosure requirements for TLAC of G-SIBs (template TLAC1, TLAC2 and TLAC3) - Indonesia is not home to any G-SIBs.</p>
Market risk	Jan 2022	1	<p>Indonesia plans to integrate the adoption process of all revised pillar 3 frameworks (first, second and third phase).</p>

Implementation in Japan

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final rule on Countercyclical buffer was implemented in March 2016.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	Final rule published in March 2016 and in force from September 2016.
	Capital requirements for CCPs	Jan 2017	4	Final rule was implemented in March 2018.
	Capital requirements for equity investments in funds	Jan 2017	4	Final rule was implemented in March 2019.
	SA-CCR	Jan 2017	4	Final rule was implemented in March 2018.
	Securitisation framework	Jan 2018	4	Final rule was implemented in March 2019.
	TLAC holdings	Jan 2019	4	Final rule was implemented in March 2019.
	Revised standardised approach for credit risk	Jan 2022	1	
	Revised IRB approach for credit risk	Jan 2022	1	
	Revised CVA framework	Jan 2022	1	
	Revised minimum requirements for market risk	Jan 2022	1	
	Revised operational risk framework	Jan 2022	1	
Output floor	Jan 2022	1		
Leverage	Existing (2014) exposure definition	Jan 2018	4	Final rule on the disclosure requirements of leverage ratio was implemented in March 2015. Final rule on the minimum level of leverage ratio was implemented in March 2019.
	Revised (2017) exposure definition	Jan 2022	1	
SIB	G-SIB requirements	Jan 2016	4	Final rule requiring public disclosure of 12 indicators for assessing G-SIBs was implemented in March 2014. Final rule on higher loss absorbency requirements for G-SIBs was implemented in March 2016.

	D-SIB requirements	Jan 2016	4	Final rule on identifying D-SIBs and covering higher loss absorbency requirements for D-SIBs were implemented in March 2016.
	Leverage ratio buffer	Jan 2022	1	
IRRBB	Interest rate risk in the banking book	2018	4	Final rule published in December 2017 and in force from March 2018.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	1	
	Net Stable Funding Ratio (NSFR)	Jan 2018	2	Draft rule published in June 2018.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	2	Draft rule published in July 2019.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	Final rule published in December 2017 and in force from March 2018.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	Final rule on disclosure of LCR published in February 2015 and in force from June 2015. Final rule on disclosure of remuneration was implemented in March 2018. Final rule on disclosure of CCyB and Leverage ratio was implemented in March 2019.
	Key metrics, IRRBB, NSFR	Jan 2018	4, 2	Final rule on disclosure of key metrics was implemented in March 2018. Final rule on disclosure of IRRBB published in December 2017 and in force from March 2018. Draft rule on disclosure of NSFR published in June 2018.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4, 1	Final rule on disclosure of Composition of capital, RWA overview and G-SIB indicators was implemented in March 2019.
	TLAC	Jan 2019	4	Final rule was implemented in March 2019.
	Market risk	Jan 2022	1	

Implementation in Korea

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final rule published in December 2015 and in force from January 2016.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	Final guideline published in February 2017, phase-in began in March 2017, becoming fully effective on 1 September 2020. Guideline expected to be replaced with enforceable rule by September 2020.
	Capital requirements for CCPs	Jan 2017	4	Final rule published in December 2016 and in force from January 2019.
	Capital requirements for equity investments in funds	Jan 2017	4	Final rule published in December 2016 and in force from March 2017.
	SA-CCR	Jan 2017	4	Final rule published in December 2016 and in force from January 2019.
	Securitisation framework	Jan 2018	4	Final rule published in October 2017 and in force from January 2018.
	TLAC holdings	Jan 2019	1	Draft rule is under development
	Revised standardised approach for credit risk	Jan 2022	2	Draft rule published in April 2019.
	Revised IRB approach for credit risk	Jan 2022	2	Draft rule published in April 2019.
	Revised CVA framework	Jan 2022	1	Draft rule is under development.
	Revised minimum requirements for market risk	Jan 2022	1	Draft rule is under development.
	Revised operational risk framework	Jan 2022	2	Draft rule published in April 2019.
Output floor	Jan 2022	2	Draft rule published in April 2019.	
Leverage	Existing (2014) exposure definition	Jan 2018	4	Final rule published and in force from January 2015. Pillar 1 treatment in force from January 2018.
	Revised (2017) exposure definition	Jan 2022	1	Draft rule is under development.
SIB	G-SIB requirements	Jan 2016	na	Korea is not home to any G-SIB.
	D-SIB requirements	Jan 2016	4	Final rule published in December 2015 and in force from January 2016.
	Leverage ratio buffer	Jan 2022	na	Korea is not home to any G-SIB

IRRBB	Interest rate risk in the banking book	2018	2	Draft rule published in March 2019.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	1	Draft rule is under development.
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	Final rule published in January 2018 and in force from January 2018.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	2	Draft rule published in the form of administrative guideline in March 2019, pilot operation scheduled beginning on 31 March 2019. Guideline will be replaced with enforceable final rule after the pilot operation.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	Final rule published and in force from December 2016.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	Final rule published and in force from January 2018.
	Key metrics, IRRBB, NSFR	Jan 2018	4, 3	Key metrics, NSFR: Final rule published and in force from January 2018. IRRBB: Final rule published in January 2018 and will be in force in accordance with the implementation schedule for IRRBB.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4	Final rule published and in force from January 2018.
	TLAC	Jan 2019	3	Final rule published in January 2018 and will be in force in accordance with the implementation schedule for TLAC.
	Market risk	Jan 2022	3	Final rule published in January 2018 for implementation on 2022.

Implementation in Mexico

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	The final rule published on 7 April 2016 and in force from 8 April 2016.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	2	Draft regulation was published in May 2019. The final rule is expected to be published by December 2019. Based on average notional amounts of non-centrally cleared derivatives, covered entities subject to Mexican regulation would be required to exchange initial margin requirements by 2020, according to the transitional arrangements under the international standard.
	Capital requirements for CCPs	Jan 2017	1	The draft will be published for consultation by the end of 2019. In accordance with the regulatory process, the final rule could be published in the first quarter of 2020.
	Capital requirements for equity investments in funds	Jan 2017	4,1	Current regulation requires equity investments in funds to be decomposed in their underlying assets and capital requirements are determined accordingly, in a similar way as required by the Look-through Approach. For certain investments in which it is not possible to decompose its underlying assets, a risk weight of 1250% applies. As current regulation is a partial adoption of the standard, a draft will be published for consultation in the first quarter of 2020. The final rule is expected to be published in the second quarter of 2020.
	SA-CCR	Jan 2017	1	The draft will be published for consultation in the first quarter of 2020. In accordance with the regulatory process, the final rule could be published in the second quarter of 2020.
	Securitisation framework	Jan 2018	1	The draft will be published for consultation in the first quarter of 2020. The final rule could be published in the second quarter of 2020.
	TLAC holdings	Jan 2019	1	The draft is under development. The final rule is expected to be published in 2020.
	Revised standardised approach for credit risk	Jan 2022	1	
	Revised IRB approach for credit risk	Jan 2022	1	
	Revised CVA framework	Jan 2022	1	

	Revised minimum requirements for market risk	Jan 2022	1	The draft is under development.
	Revised operational risk framework	Jan 2022	1	The final rule will be published in the fourth quarter of 2019.
	Output floor	Jan 2022	1	
Leverage	Existing (2014) exposure definition	Jan 2018	4	The rule regarding the methodology and disclosure requirements for the leverage ratio was published on 22 June 2016. The rule establishing a minimum level was published on 5 October 2018.
	Revised (2017) exposure definition	Jan 2022	1	
SIB	G-SIB requirements	Jan 2016	na	Mexico is not home to a G-SIB.
	D-SIB requirements	Jan 2016	4	The final rule published on 31 December 2015 and in force from 30 April 2016.
	Leverage ratio buffer	Jan 2022	na	Mexico is not home to a G-SIB.
IRRBB	Interest rate risk in the banking book	2018	4,1	The current regulation sets forth that banks must manage the IRRBB as if they were trading bank positions and sets Pillar I capital requirements accordingly. Under this rule, the IRRBB must be managed by banks complying with a framework that includes at least an exposure limits' definition according to risk appetite; governing bodies for monitoring the risk management framework's compliance; independent periodic assessments on the risk management framework's implementation; interest rates stress tests; use of models that generate reliable results; periodic disclosure; and periodic capital adequacy assessment. The rule is being updated to complement the principles established in the framework of IRRBB issued by the BCBS. The updated rule will be published in 2020.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	na	The central bank already gathers data for computing 4 out of 7 monitoring tools and 3 of them are being computed, while the 4 th will be ready by end 2019. The remaining 3 should be in place in 2020. At this stage, we do not foresee the need to issue a specific regulation, as Banco de Mexico already gathers the necessary information and could request additional data, if needed.
	Net Stable Funding Ratio (NSFR)	Jan 2018	2	The official draft will be published for consultation in the last quarter of 2019, in accordance with the regulatory process, the final rule is expected to be published by the end of 2019. While there is no official draft regulation published, since 2017 banks report, on a monthly basis, all the necessary data to compute the NSFR, as well as preliminary calculations of the NSFR. To complete the data templates and calculations, banks follow instructions provided by the central bank, which reflect, to a very large extent, the content of the regulation being prepared. To date, all banks comply with the NSFR at 100%.

Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	1	<p>The draft for the international standards implementation is in process to be published for consultation. The final rule is expected to be published in the last quarter of 2019.</p> <p>The current rules establish that banks must comply with maximum concentration limits per common risk group depending on their Tier 1 Ratio. The concept of common risk considers that parties belong to the same common risk group if they are persons (natural or legal persons) who are depending economically on each other, being controlled by a same counterparty, or controlling a same counterparty. In addition, parties are deemed to represent common risk if they act in concert way due to specific family ties, exercise "administrative" power upon a counterparty, or be able to impose decisions or to nominate the majority of the Board of a counterparty.</p> <p>The maximum concentrations limits are from 40% to 12% of their Tier 1 depending on the level of their Tier 1 Ratio.</p>
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4, 1	<p>The disclosure requirements for Leverage Ratio, Liquidity Coverage Ratio, some aspects of Capitalisation, Credit Risk, Market Risk, Securitisation and Remuneration are in force, in line with the adoptions for these frameworks.</p> <p>The missing revised Pillar 3 requirements will be issued as the implementations will be carried out on the dates specified for each of the standards that are not yet implemented.</p>
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4, 1	While the standards are in place, some disclosure templates need to be adjusted in order to incorporate the latest revisions.
	Key metrics, IRRBB, NSFR	Jan 2018	1	The draft is under development.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	1	The draft is under development.
	TLAC	Jan 2019	1	The draft is under development. The final rule is expected to be published in the first semester of 2020.
	Market risk	Jan 2022	1	

Implementation in Russia

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Rules on capital buffers in force since 1 January 2016. They include rules for capital conservation and countercyclical buffers to be calculated on a quarterly basis.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	1	The final version of the policy report on the implementation of margin requirements for non-centrally cleared derivatives published on 22 December 2017 (based on public consultation carried out in June 2017). Draft rule is under development. The rule implementation will be started in the second half of 2020.
	Capital requirements for CCPs	Jan 2017	2	Draft rule published for public comment in September 2018.
	Capital requirements for equity investments in funds	Jan 2017	4	The rule is in force since 16 December 2017.
	SA-CCR	Jan 2017	2	Draft rule published for public comment in December 2018. The rule is expected to come in force in the second half of 2020.
	Securitisation framework	Jan 2018	4	The rule is in force since 26 October 2018.
	TLAC holdings	Jan 2019	2	Draft rule published for public comment in September 2018. The rule is expected to come in force in the fourth quarter of 2019.
	Revised standardised approach for credit risk	Jan 2022	2	The final rule for credit risk on sovereign exposures is in force since 7 June 2019, draft rule for credit risk on bank and corporate exposures was published on 23 July 2019, draft rule for credit risk on other exposures is expected to be published no sooner than in 2020.
	Revised IRB approach for credit risk	Jan 2022	1	Draft rule is expected to be developed no sooner than in 2020.
	Revised CVA framework	Jan 2022	1	Draft rule is expected to be developed no sooner than in 2021.
	Revised minimum requirements for market risk	Jan 2022	1	Draft rule is expected to be developed no sooner than in 2021.
Revised operational risk framework	Jan 2022	1	Draft rule is expected to be developed no sooner than in 2020.	

	Output floor	Jan 2022	4	First implemented in 2015 as part of the IRB approach to credit risk (as advanced approaches to market and operational risks have not been implemented), updated in 2019 to accommodate for the revised floor value. The rule is in force since 20 March 2019.
Leverage	Existing (2014) exposure definition	Jan 2018	4	The requirement on the minimum leverage ratio is in force since 27 January 2018.
	Revised (2017) exposure definition	Jan 2022	1	Draft rule is expected to be developed no sooner than in the second half of 2021.
SIB	G-SIB requirements	Jan 2016	na	
	D-SIB requirements	Jan 2016	4	The assessment methodology for D-SIBs in force since September 2015. The CBR approved the list of domestic systemically important banks. Capital buffers requirements for banks are in force since 1 January 2016. In 2016, the minimum level of HLA requirement for all D-SIBs was 0.15% of RWA. In 2017 the requirement has been 0.35%. In 2018, it has been increased to 0.65%, and 1% from 1 January 2020 onward.
	Leverage ratio buffer	Jan 2022	1	Draft rule is expected to be developed no sooner than in the second half of 2021.
IRRBB	Interest rate risk in the banking book	2018	2	The draft regulation on the interest rate risk in the banking book (IRRBB) was published on 29 October 2018 and it is expected to be finalised and adopted in 2019. At the first stage the new methodology of the IRRBB measure (under the standardised framework) will be applied as recommendations for the largest banks. The updated reporting form on the IRRBB and corresponding changes in the supervisory assessment with outliers' identification based on the new IRRBB standard will be introduced in 2020.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	The rule with the requirement to monitor intraday liquidity was published in December 2015 and in force since January 2016.
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	The rule was published in September 2017 and in force since January 2018.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	2	Draft rule published for public comment in September 2018 and implemented on the solo-basis for monitoring purpose since January 2019.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	The final rule was published in November 2017 and is in force since January 2018.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	Liquidity disclosure requirements and leverage ratio disclosure requirements are included in the regulation published in November 2017 and are in force since January 2018.

			Countercyclical buffer and remuneration disclosure requirements according to the Pillar 3 disclosure requirements (phase II) are included in the regulation published in February 2019 and are in force since March 2019. The information is disclosed by banks since Q1 2019.
Key metrics, IRRBB, NSFR	Jan 2018	4,1	(4) Disclosure on the key metrics requirements according to the Pillar 3 disclosure requirements (phase II) are included in the regulation published in December 2018 and are in force since January 2019. (1) IRRBB disclosure requirements will be developed after implementation of the rule for calculating the IRRBB and the updated IRRBB management requirements which are expected to be published in 2019. (4) NSFR disclosure requirements are in force since July 2018 (including reporting of quarterly NSFR data for the 1 st half of 2018).
Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4	(4) Composition of capital disclosure requirements published in November 2017 and are in force since January 2018. (4) Prudential valuation adjustments, G-SIB indicators and RWA overview disclosure requirements according to the Pillar 3 disclosure requirements (phase II) are included in the regulation published in February 2019 and are in force since March 2019. The information is disclosed by banks since Q1 2019.
TLAC	Jan 2019	na	TLAC disclosure requirements are not planned to be implemented as none of Russian banks is a GSIB and local subsidiaries of GSIBs have confirmed a single-point of entry resolution strategy. Rules for disclosure of TLAC holdings of Russian banks are expected to be developed after implementation of the draft rules on the TLAC requirements which are expected to be published in Q4 2019.
Market risk	Jan 2022	1	Market risk disclosure requirements according to the Pillar 3 disclosure requirements (Phase II) are planned to be implemented by 2022.

Implementation in Saudi Arabia

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final rule published via SAMA's Final Guidance Document Concerning Implementation of Capital Reforms Under Basel III Framework in December 2012 and has been in force from January 2016. In addition, SAMA's circular on countercyclical buffer rate for the year 2016 and onwards was issued via Circular no. 371000034973 dated 4 January 2016. This circular also include methodology used for the calculation of such buffer.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	Final rule published via SAMA Circular # 371000101114 dated 20 June 2016 and in force following Basel transitional timeline from September 2016.
	Capital requirements for CCPs	Jan 2017	4	Final rule published via SAMA Circular # 371000101116 dated 20 June 2016 and in force from January 2017.
	Capital requirements for equity investments in funds	Jan 2017	4	Final rule published via SAMA Circular # 371000101108 dated 20 June 2016 and in force from January 2017.
	SA-CCR	Jan 2017	4	Final rule published via SAMA Circular # 371000101120 dated 20 June 2016 and in force from January 2017.
	Securitisation framework	Jan 2018	4	Final rule published via SAMA Circular # 371000112753 dated 2 August 2016 and has been in force from January 2018.
	TLAC holdings	Jan 2019	4	Final rule published via SAMA circular no. 381000019428 dated November 2016 and has been in force from January 2019.
	Revised standardised approach for credit risk	Jan 2022	1	Final rule will be published and implemented before January 2022.
	Revised IRB approach for credit risk	Jan 2022	1	Final rule will be published and implemented before January 2022.
	Revised CVA framework	Jan 2022	1	Final rule will be published and implemented before January 2022.
	Revised minimum requirements for market risk	Jan 2022	3	Final rule published dated December 2016 and initially planned to be in force from January 2019. However, as per recent Basel postponed timelines, the implementation date will now be moved to January 2022.
Revised operational risk framework	Jan 2022	1	Final rule will be published and implemented before January 2022.	

	Output floor	Jan 2022	1	Final rule will be published and implemented before January 2022.
Leverage	Existing (2014) exposure definition	Jan 2018	4	SAMA through its Circular # 351000133367 on 25 August 2014 issued its final guidance document on the Leverage Ratio disclosure requirements. The aforementioned SAMA Circular has been in force from January 2015.
	Revised (2017) exposure definition	Jan 2022	1	Final rule will be published and implemented before January 2022.
SIB	G-SIB requirements	Jan 2016	na	Please note that there are no G-SIBs in Saudi Arabia, therefore, only D-SIB requirements are applicable. The update is provided as below:
	D-SIB requirements	Jan 2016	4	D-SIB framework has been finalised and the relevant regulation has been issued for implementation by 1 January 2016 through SAMA Circular # 351000138356 (issued in August 2014). The list of DSIBs have been included in the circular #371000091395 dated 24 May 2016, circular no. 381000082448 dated May 2017, circular no. 391000089191 dated May 2018 and circular no. 561650000067 dated May 2019 for the years 2016-2019.
	Leverage ratio buffer	Jan 2022	1	Final rule will be published and implemented before January 2022.
IRRBB	Interest rate risk in the banking book	2018	4	Final rules published via SAMA Circular dated January 2017 and in force from 1 Jan 2018.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	Final rule published via SAMA Circular # 371000101113 dated June 2016 and in force from 1 January 2017.
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	Final rules published via SAMA Circular # 361000036260 dated 29 December 2014. A new circular has been issued to implement minimum requirements of 100% from 1 January 2016. In June 2018, as part of the RCAP, minor changes were made in the updated rules published via SAMA Circular # 44967/41 dated 27 June 2018.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	Final rules published via SAMA Circular # 361000067330 dated 26 February 2015. In June 2018, as part of the RCAP, minor changes were made in the updated rules published via SAMA Circular # 45201/41 dated 27 June 2018 and Circular no. 165100000067 dated 08 September 2019.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	Final rules published via SAMA Circular # 361000126572 dated 9 July 2015 and in force from December 2016.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	Final rule published via SAMA Circular # 381000088967 dated 18 May 2017 and has been in force from December 2017.
	Key metrics, IRRBB, NSFR	Jan 2018	4	Final rule published via SAMA Circular # 381000088967 dated 18 May 2017 and has been in force from Jan 2018.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4	Final rule published via SAMA Circular # 381000088967 dated 18 May 2017 and has been in force from December 2018.

	TLAC	Jan 2019	4	Final rule published via SAMA Circular # 381000088967 dated 18 May 2017 and has been in force from January 2019.
	Market risk	Jan 2022	3	Final rule published via SAMA Circular # 381000088967 dated 18 May 2017 and has been in force from December 2019. However, as per recent Basel postponed timelines, the implementation date will now be moved to January 2022.

Implementation in Singapore

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final rule published on 14 September 2012 and in force from 1 January 2016.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	Final rule published on 6 December 2016 and in force from 1 March 2017.
	Capital requirements for CCPs	Jan 2017	4	Final rule published on 17 October 2016 and in force from 1 January 2017. Transitional arrangements are provided to allow more time for implementation.
	Capital requirements for equity investments in funds	Jan 2017	4	Final rule published on 17 October 2016 and in force from 1 January 2017.
	SA-CCR	Jan 2017	4	Final rule published on 17 October 2016 and in force from 1 January 2017. Transitional arrangements are provided to allow more time for implementation.
	Securitisation framework	Jan 2018	4	Final rule published on 29 November 2017 and in force from 1 January 2018.
	TLAC holdings	Jan 2019	4	Final rule published on 13 November 2018 and in force from 1 January 2019.
	Revised standardised approach for credit risk	Jan 2022	1	
	Revised IRB approach for credit risk	Jan 2022	1	
	Revised CVA framework	Jan 2022	1	
	Revised minimum requirements for market risk	Jan 2022	1	
	Revised operational risk framework	Jan 2022	1	
Output floor	Jan 2022	1		
Leverage	Existing (2014) exposure definition	Jan 2018	4	Final rule published on 28 December 2017 and in force from 1 January 2018.
	Revised (2017) exposure definition	Jan 2022	1	
SIB	G-SIB requirements	Jan 2016	4	The public disclosure and submission requirements for assessing G-SIBs are implemented with effect from 1 January 2014 in MAS Notice 637.
	D-SIB requirements	Jan 2016	4	Framework for D-SIBs in Singapore published and in force from 30 April 2015.

	Leverage ratio buffer	Jan 2022	na	The leverage ratio buffer is only applicable to G-SIBs. MAS is not the home supervisor to any G-SIB.
IRRBB	Interest rate risk in the banking book	2018	4	Final rule published on 13 November 2018 and in force from 31 December 2018.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	MAS Notice 649 sets out that a bank should actively manage its intraday liquidity positions and risks to meet payment and settlement obligations on a timely basis under both normal and stressed conditions.
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	Final rule published on 10 July 2017 and in force from 1 January 2018.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	3	Final rule published on 14 August 2019 and will come in force from 1 October 2020.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	Final rule published on 17 October 2016 and in force from 1 January 2017.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	Final rule published on 28 December 2017 and in force from 31 December 2017.
	Key metrics, IRRBB, NSFR	Jan 2018	4, 2	Final rule on disclosure for key metrics and NSFR published on 28 December 2017 and in force from 1 January 2018. Draft rule on disclosure for IRRBB published in Q1 2017.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4	Final rule published on 28 December 2017 and in force from 31 December 2018.
	TLAC	Jan 2019	na	No Singaporean bank is currently designated as a G-SIB, so TLAC disclosure rules are not applicable.
	Market risk	Jan 2022	1	

Implementation in South Africa

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final rule published on 12 December 2012 and in force from 1 January 2016.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	2	Final draft Joint Standard in final stages of consultation.
	Capital requirements for CCPs	Jan 2017	2	Draft rules published. In final stages of consultation.
	Capital requirements for equity investments in funds	Jan 2017	2	Draft rules published. In final stages of consultation.
	SA-CCR	Jan 2017	2	Draft rules published. In final stages of consultation.
	Securitisation framework	Jan 2018	1	Draft rules are expected to be issued in Q4/2019 for comment.
	TLAC holdings	Jan 2019	1	Draft rules are expected to be issued in Q4/2019 for comment.
	Revised standardised approach for credit risk	Jan 2022	1	In principle South Africa adopted the internationally agreed implementation date.
	Revised IRB approach for credit risk	Jan 2022	1	In principle South Africa adopted the internationally agreed implementation date.
	Revised CVA framework	Jan 2022	1	In principle South Africa adopted the internationally agreed implementation date.
	Revised minimum requirements for market risk	Jan 2022	1	In principle South Africa adopted the internationally agreed implementation date.
	Revised operational risk framework	Jan 2022	1	In principle South Africa adopted the internationally agreed implementation date.
	Output floor	Jan 2022	1	In principle South Africa adopted the internationally agreed implementation dates.
Leverage	Existing (2014) exposure definition	Jan 2018	4	A 4% leverage ratio requirement is defined in the amended regulations which were implemented with effect from 1 July 2016.

				Any final revisions to the leverage ratio requirement will be published in due course.
	Revised (2017) exposure definition	Jan 2022	1	In principle South Africa adopted the internationally agreed implementation date.
SIB	G-SIB requirements	Jan 2016	na	The Prudential Authority is not the home supervisor to any G-SIB.
	D-SIB requirements	Jan 2016	4	D-SIB requirements are addressed in the Regulations that were implemented with effect from 1 January 2013. A subsequent directive (D6/2016) specifies the application of the amended capital framework, including the D-SIB requirements. South Africa adopted the internationally agreed implementation date of January 2016.
	Leverage ratio buffer	Jan 2022	na	The leverage ratio buffer will apply to G-SIBs. The Prudential Authority is not the home supervisor to any G-SIB.
IRRBB	Interest rate risk in the banking book	2018	1	Proposed amendments to the Regulations are in the process of being drafted.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	The relevant amended requirements were incorporated into the Regulations that were implemented with effect from 1 July 2016. Monitoring of banks' compliance with the Regulations forms an integral part of the supervisory framework.
	Net Stable Funding Ratio (NSFR)	Jan 2018	4	Implemented.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	1	Draft rules are expected to be issued in Q4/2019 for comment.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	Directive (D1/2019 issued in May 2019) specifies the updated revised Pillar 3 disclosure requirements. South Africa adopted the internationally agreed implementation date of year-end 2016.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	The relevant disclosure requirements have been implemented.
	Key metrics, IRRBB, NSFR	Jan 2018	4, 1	(4) The disclosure requirements related to key metrics and NSFR have been implemented. (1) Disclosure requirements related to IRRBB still have to be finalised.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4, 3	(4) The disclosure requirements related to composition of capital and RWA overview have been implemented. (3) Disclosure requirements related to the detailed breakdown of the prudential valuation adjustments have been postponed until December 2019. The disclosure requirements related to G-SIB indicators relate to G-SIBs. The Prudential Authority is not the home supervisor to any G-SIB.

	TLAC	Jan 2019	na	Disclosure requirements for total loss-absorbing capacity (TLAC) essentially relate to G-SIBs. The Prudential Authority is not the home supervisor to any G-SIB.
	Market risk	Jan 2022	1	In principle South Africa adopted the internationally agreed implementation date.

Implementation in Switzerland

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	National countercyclical buffer regime in place since 2012 and buffer activated for residential real estate exposures in Switzerland. Final regulation for the international countercyclical buffer regime in place since June 2016, based on available implementation guidance by the Basel Committee from October 2015. Further technical guidance has been published in July 2018 and was to be implemented by banks by 1 January 2019 at the latest.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	Final rule adopted in December 2015. It became effective on 4 February 2017 in sync with EU margin requirements regulations.
	Capital requirements for CCPs	Jan 2017	4	Final regulation published in December 2016 (transition period until year-end 2019).
	Capital requirements for equity investments in funds	Jan 2017	4	Final regulation published in December 2016 (transition period until year-end 2019).
	SA-CCR	Jan 2017	4	Final regulation published in December 2016 (transition period until year-end 2019).
	Securitisation framework	Jan 2018	4	Final regulation published in December 2016, incl. STC securitisations. New standards on short-term STC can be used from 1 January 2019 onwards.
	TLAC holdings	Jan 2019	4	Since 1 July 2016 Swiss G-SIBs and D-SIBs are not allowed to hold TLAC instruments (limited exceptions apply for market-making and short-term holdings from issuing TLAC instruments for other banks).
	Revised standardised approach for credit risk	Jan 2022	1	
	Revised IRB approach for credit risk	Jan 2022	1	
	Revised CVA framework	Jan 2022	1	
	Revised minimum requirements for market risk	Jan 2022	1	
	Revised operational risk framework	Jan 2022	1	
Output floor	Jan 2022	1		

Leverage	Existing (2014) exposure definition	Jan 2018	4	Legally binding minimum requirement effective since 1 January 2018.
	Revised (2017) exposure definition	Jan 2022	1, 4	(1) Part of the final Basel III implementation. (4) To ease implementation of SA-CCR (consistency across RWA, large exposures and leverage ratio exposure measure) banks have the option to use SA-CCR in the leverage ratio context from 30 June 2018 onwards.
SIB	G-SIB requirements	Jan 2016	4	The Swiss Too-Big-To-Fail (TBTF) regulation has been in force since 2013 and is super-equivalent to the G-SIB requirements. Large banks are required to publish the G-SIB indicators since end 2014.
	D-SIB requirements	Jan 2016	4	The Swiss TBTF regulation covers both D-SIB and G-SIB requirements.
	Leverage ratio buffer	Jan 2022	4	The Swiss TBTF regulation has a leverage ratio buffer exceeding the Basel III standard.
IRRBB	Interest rate risk in the banking book	2018	4	Final rules published in July 2018, and came into effect on 1 January 2019.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	FINMA has started intraday liquidity monitoring for the five largest banks on 1 January 2015.
	Net Stable Funding Ratio (NSFR)	Jan 2018	2	Consultation of draft rule ended in Apr 2017. All banks already report the NSFR (to be prepared for its introduction). Implementation decision by Federal Council is expected for 4Q2019.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	Final regulation published in Q4 2017. Effective as of 1 January 2019.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	Final rules published in November 2015.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	Final rules published in July 2018, applicable from 31 December 2018 onwards.
	Key metrics, IRRBB, NSFR	Jan 2018	4	Final rules published in July 2018. - Key metrics and IRRBB: applicable from 31 December 2018 onwards. - NSFR: disclosure to be applied as soon as regulation becomes effective.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4	Final rules published in July 2018, applicable from 31 December 2018 onwards.
	TLAC	Jan 2019	4	Final rules published in July 2018, applicable from 1 January 2019 onwards.
	Market risk	Jan 2022	1	

Implementation in Turkey

Number code: 1 = draft regulation not published; 2 = draft regulation published; 3 = final rule published (not yet implemented by banks); 4 = final rule in force (published and implemented by banks). Standards for which the agreed implementation deadline has passed receive a colour code to reflect the status of implementation: **green** = adoption completed; **yellow** = adoption in process (draft regulation published); **red** = adoption not started (draft regulation not published); and "na" = not applicable.

	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final regulations issued in November 2013 and in force from 1 January 2014.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	1	Draft regulation not published.
	Capital requirements for CCPs	Jan 2017	2	Draft regulation was published in January 2018 for consultation.
	Capital requirements for equity investments in funds	Jan 2017	4	Final regulations published in October 2015 and in force from March 2016.
	SA-CCR	Jan 2017	2	Draft regulation was published in January 2018 for consultation.
	Securitisation framework	Jan 2018	1	Draft regulation not published.
	TLAC holdings	Jan 2019	1	Draft regulation not published.
	Revised standardised approach for credit risk	Jan 2022	1	Draft regulation not published.
	Revised IRB approach for credit risk	Jan 2022	1	Draft regulation not published.
	Revised CVA framework	Jan 2022	1	Draft regulation not published.
	Revised minimum requirements for market risk	Jan 2022	1	Draft regulation not published.
	Revised operational risk framework	Jan 2022	1	Draft regulation not published.
Output floor	Jan 2022	1	Draft regulation not published.	
Leverage	Existing (2014) exposure definition	Jan 2018	4	Final regulation issued on 5 November 2013 and in force from 1 January 2014.
	Revised (2017) exposure definition	Jan 2022	2	Draft regulation was published in March 2018 for consultation.
SIB	G-SIB requirements	Jan 2016	na	Turkey is not home to any G-SIBs.
	D-SIB requirements	Jan 2016	4	Final rule was published and in force from March 2016.
	Leverage ratio buffer	Jan 2022	na	Turkey is not home to any G-SIBs.
IRRBB	Interest rate risk in the banking book	2018	1	Draft regulation not published.

Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	Implementation started as of January 2017.
	Net Stable Funding Ratio (NSFR)	Jan 2018	2	Draft rules published in January 2018 for consultation after a QIS.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	2	Draft regulation was published in July 2018 for consultation.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4	Final rule was published in October 2015 and in force from March 2016.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4,1	(1) CCyB- Draft regulation not published. (4) Liquidity – BRSA adopted the Liquidity Coverage Ratio (LCR) disclosure standard in August 2015 and liquidity disclosure requirement (both consolidated and non-consolidated) started as of 31/12/2015. (1) Remuneration - Draft regulation not published. (4) Leverage Ratio – BRSA published leverage ratio disclosure requirement in August 2015 and both consolidated and non-consolidated disclosure requirement started as of 31/12/2015. Draft regulation on leverage ratio disclosure requirement considering “Leverage ratio based on the revised (2017) exposure definition” is under development.
	Key metrics, IRRBB, NSFR	Jan 2018	4,2,1	(4,1) Key metrics - Implementation started as of January 2018 (except for NSFR Requirements) (1) IRRBB - Draft regulation not published. (2) NSFR - Draft regulation on NSFR disclosure requirement published in January 2018 for consultation.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	1	(1) Composition of capital - Draft regulation not published. (1) RWA overview - Draft regulation not published. (1) Prudential valuation adjustments - Draft regulation not published. (na) G-SIB indicators - Turkey is not home to any G-SIBs.
	TLAC	Jan 2019	na	Turkey is not home to any G-SIBs.
	Market risk	Jan 2022	1	Draft regulation not published.

Implementation in the United States

Number code: 1 = draft regulation not published; 2 = draft regulation published; 3 = final rule published (not yet implemented by banks); 4 = final rule in force (published and implemented by banks). Standards for which the agreed implementation deadline has passed receive a colour code to reflect the status of implementation: **green** = adoption completed; **yellow** = adoption in process (draft regulation published); **red** = adoption not started (draft regulation not published); and "na" = not applicable.

	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	Final Basel III rule approved in July 2013, phase-in begins 1 January 2016, becoming fully effective 1 January 2019.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	Final rule issued in October 2015 to establish initial and variation margin requirements for non-centrally cleared swaps. The requirements are phased-in beginning on 1 September 2016, and are fully effective on 1 September 2020.
	Capital requirements for CCPs	Jan 2017	2	Proposal issued in November 2018.
	Capital requirements for equity investments in funds	Jan 2017	1	
	SA-CCR	Jan 2017	2	Proposal issued in November 2018.
	Securitisation framework	Jan 2018	1	
	TLAC holdings	Jan 2019	2	Proposal issued in April 2019.
	Revised standardised approach for credit risk	Jan 2022	1	
	Revised IRB approach for credit risk	Jan 2022	1	
	Revised CVA framework	Jan 2022	1	
	Revised minimum requirements for market risk	Jan 2022	1	
	Revised operational risk framework	Jan 2022	1	
Output floor	Jan 2022	1		
Leverage	Existing (2014) exposure definition	Jan 2018	4	Final Basel III rule approved in July 2013, effective 1 January 2014. The rule (i) included the generally applicable US Tier 1 leverage ratio minimum requirement of 4% of Tier 1 capital to total on-balance-sheet assets, and (ii) introduced the supplementary leverage ratio (SLR) (ie. the Basel III leverage ratio) minimum requirement of 3% of Tier 1 capital to total leverage exposure for all US banking organisations subject to the advanced approaches rule (ie banking organisations with total consolidated assets equal to \$250 billion or

				<p>more, or consolidated total on-balance-sheet foreign exposure equal to \$10 billion or more, and their subsidiaries), effective 1 January 2018. The SLR was revised in September 2014, consistent with the January 2014 Basel Committee revisions to the Basel III leverage ratio.</p> <p>In addition, in April 2014, the United States agencies adopted enhanced SLR standards for United States G-SIB bank holding companies and their insured depository subsidiaries. United States GSIB bank holding companies must maintain a leverage buffer greater than two percentage points above the minimum supplementary leverage ratio requirement of three percent, for a total of more than five percent, to avoid restrictions on capital distributions and discretionary bonus payments. Insured depository subsidiaries of US GSIBs must maintain at least a six percent supplementary leverage ratio to be considered "well capitalised" under the agencies' prompt corrective action framework. The enhanced SLR standards are effective 1 January 2018.</p>
	Revised (2017) exposure definition	Jan 2022	1	In November 2018, the US agencies proposed to require that banking organisations use the SA-CCR to calculate total leverage exposure.
SIB	G-SIB requirements	Jan 2016	4	Final G-SIB rule approved in July 2015, phase-in begins 1 January 2016, becoming fully effective 1 January 2019. The final rule requires US G-SIBs to calculate their surcharges under two methods and use the higher of the two surcharges. The first method is based on the Basel Committee framework and considers a G-SIB's size, interconnectedness, cross-jurisdictional activity, substitutability and complexity. The second method uses similar inputs but is calibrated to result in significantly higher surcharges and replaces substitutability with a measure of the firm's reliance on short-term wholesale funding.
	D-SIB requirements	Jan 2016	na	All US bank holding companies with total assets of \$50 billion or more are subject by regulation to enhanced prudential standards, including the risk-based capital, leverage, and liquidity requirements discussed above, as well as capital planning, stress testing, resolution planning and risk management requirements.
	Leverage ratio buffer	Jan 2022	2	Effective 1 January 2018, US GSIB bank holding companies must maintain a leverage ratio buffer greater than two percentage points above the minimum supplementary leverage ratio requirement of three percent, for a total of more than five percent, to avoid restrictions on capital distributions and discretionary bonus payments. Insured depository subsidiaries of US GSIBs must maintain at least a six percent supplementary leverage ratio to be considered "well capitalised" under the agencies' prompt corrective action framework. In April 2018, FRB and OCC issued a proposal to modify the fixed 2

				percent leverage buffer applicable to US GSIBs to be set to one half of each such firm's GSIB capital surcharge.
IRRBB	Interest rate risk in the banking book	2018	4	<p>The IRRBB standard is substantially implemented within existing U.S. supervisory policies and other directives (ie, the Joint Agency Policy Statement: Interest Rate Risk and the Interagency Advisory on Interest Rate Risk; together, the IRRBB guidelines).</p> <p>In addition, U.S. bank supervisors have statutory authority to use informal and formal enforcement powers to address interest rate risk deficiencies at institutions subject to the IRRBB guidelines. These powers can include informal Board Resolutions and Memorandums of Understanding as well as formal Cease and Desist Orders.</p> <p>The U.S. Congress also enacted law (Section 39 of the Federal Deposit Insurance Act) which directed the federal banking agencies to devise Interagency Guidelines Establishing Standards for Safety and Soundness relating to several prudential aspects of banking—including interest rate risk. The standard for interest rate risk states, “An institution should manage interest rate risk in a manner that is appropriate to the size of the institution and the complexity of its assets and liabilities; and provide for periodic reporting to management and the board of directors regarding interest rate risk with adequate information for management and the board of directors to assess the level of risk.” If financial institutions do not meet this standard, the law (as directed by Section 39 of the FDI Act) states that the applicable federal banking agency may require an institution to submit a plan to achieve compliance with the standard. The U.S. agencies can use “Section 39 Plans” to address any weaknesses related to IRRBB programs.</p>
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	Regulation YY and other relevant standards SR 10-6, and SR 14-1 are finalised and implemented by covered institutions. In addition, the 2017 Comprehensive Liquidity Assessment and Review (CLAR) confirmed U.S. GSIBs’ ability to meet the international principles outlined in BCBS 248.
	Net Stable Funding Ratio (NSFR)	Jan 2018	2	Proposal issued in May 2016.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	4	The Federal Reserve Board issued a final rule in August 2018 to apply single-counterparty credit limits to bank holding companies with total assets of USD50 billion or more.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	1	
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4	4: CCyB – As part of the implementation of the CCyB framework in 2013, the U.S. agencies approved the CCyB disclosure standards (ie, disclosures dealing

			<p>with the geographical distribution of credit exposures subject to the CCYB). Reporting became effective 1 January 2014 for firms that have private sector credit exposures to jurisdictions in which the countercyclical buffer rate is higher than zero.</p> <p>4: Liquidity – The Federal Reserve adopted the Liquidity Coverage Ratio (LCR) disclosure standard in December 2016 and bank holding companies subject to the LCR began reporting 2Q 2017.</p> <p>4: Leverage Ratio (revised) – As noted above, the U.S. agencies adopted the two common disclosure templates contained in the Basel III leverage ratio framework and U.S. top-tier holding companies subject to the advanced approaches rule started disclosing the supplementary leverage ratio (SLR) effective 1 January 2015. The U.S. agencies revised the SLR consistent with the Basel revisions and updated the disclosure standards in September 2014 (with firm disclosures still effective 1 January 2015).</p> <p>Remuneration disclosure of banks is based on SEC requirements.</p>
Key metrics, IRRBB, NSFR	Jan 2018	4,4,2	<p>4: Key metrics - Large bank holding companies report on the Y9Cs in regulatory capital, schedule HC-R, the impact of GSIB requirements (capital buffer) and any impact applicable to the transition to CEL. These banks also disclose additional information related to GSIB requirements on report 101 in Schedule A. TLAC impact is reported as part of the prospectus filings with the SEC.</p> <p>4: IRRBB - U.S. banks disclose interest rate sensitivity data on their regulatory reports. In addition, large U.S. banks and BHCs publicly release substantial amounts of information on the impact on earnings and capital from interest rate movements as part of their annual SEC 10-K filings. How the banks arrive at these results involves proprietary models and related assumptions. Bank supervisors carefully review key models and underlying assumptions. Under U.S. law, supervisors cannot compel banks to disclose information that is proprietary, including how banks arrived at the disclosed impact analysis.</p> <p>2: NSFR - As part of the NSFR proposal issued in May 2016, the Federal Reserve would require public disclosure of a firm's NSFR and certain of its components.</p>
Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4	<p>4: Composition of capital disclosure and RWA overview disclosure – In 2013, the U.S. agencies implemented these two disclosure standards, consistent with the adoption of the Basel III standards. Firms subject to the advanced approaches rule began reporting January 2014.</p> <p>4: GSIB Indicators – Every U.S. holding company with more than \$50 billion in total consolidated assets must disclose on a quarterly basis the 12 indicators used in the GSIB framework. On an annual basis, the Federal Reserve discloses</p>

				<p>the year-end values of the 12 GSIB assessment indicators that are sent to Basel for inclusion in the BCBS's global aggregates on the following website: https://www.ffiec.gov/nicpubweb/nicweb/Y15SnapShot.aspx.</p> <p>Na: Prudential valuation adjustments – These disclosures are not applicable because the U.S. agencies follow U.S. GAAP in the capital calculation and disclosures. The U.S. agencies view U.S. GAAP as the basis for the appropriate measurement of the fair value of assets, obviating the need for any further (prudentially based) mark-downs of assets reported at fair values on balance sheets. As a result, the U.S. agencies have not implemented prudential valuation adjustments (or additional valuation adjustments).</p>
	TLAC	Jan 2019	2	Proposal issued in April 2019.
	Market risk	Jan 2022	1	

Implementation in the European Union

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	4	The CRD requires national authorities to issue regulations implementing a countercyclical buffer, with the requirement becoming applicable on 1 January 2016. EU jurisdictions are given the option to introduce the requirement before that date. For the national implementation status of these capital buffers, see the respective EU jurisdictions below.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	4	The technical standard was published in the Official Journal on 15 December 2016. The application of IM requirements are being phased in depending on the type of counterparty from 4 February 2017. The VM requirements are applicable from 1 March 2017.
	Capital requirements for CCPs	Jan 2017	3	Legislation implementing the standard on capital requirements for exposures to CCPs was published in the Official Journal on 7 June 2019. The requirements apply as of 28 June 2021.
	Capital requirements for equity investments in funds	Jan 2017	3	Legislation implementing the standard on capital requirements for equity investments in funds was published in the Official Journal on 7 June 2019. The requirements will apply as of 28 June 2021.
	SA-CCR	Jan 2017	3	Legislation implementing the SA-CCR standard was published in the Official Journal on 7 June 2019. The requirements will apply as of 28 June 2021.
	Securitisation framework	Jan 2018	4	Regulations (EU) 2017/2401 and 2017/2402 were published in the Official Journal on 28 December 2017 and became applicable on 1 January 2019.
	TLAC holdings	Jan 2019	4	Legislation implementing TLAC holdings standard was published in the Official Journal on 7 June 2019. The requirements apply as of 27 June 2019.
	Revised standardised approach for credit risk	Jan 2022	1	
	Revised IRB approach for credit risk	Jan 2022	1	
	Revised CVA framework	Jan 2022	1	
	Revised minimum requirements for market risk	Jan 2022	3, 1	(3) Legislation implementing the market risk framework first as a reporting requirement was published in the Official Journal on 7 June 2019. The reporting requirement will apply as of the dates to be indicated in a

				forthcoming delegated act and forthcoming regulatory technical standards.
	Revised operational risk framework	Jan 2022	1	
	Output floor	Jan 2022	1	
Leverage	Existing (2014) exposure definition	Jan 2018	4, 3	(4) The exposure definition (as modified by the Basel Committee in January 2014) was implemented into European law by Commission Delegated Regulation (EU) 2015/62, which was published on 17 January 2015 (Official Journal of EU). (3) Legislation introducing a capital requirement based on the leverage ratio was published in the Official Journal on 7 June 2019 and will apply as of 28 June 2021.
	Revised (2017) exposure definition	Jan 2022	3	Legislation further aligning the exposure definition and introducing a capital requirement based on the leverage ratio was published in the Official Journal on 7 June 2019. The requirement will apply as of 28 June 2021.
SIB	G-SIB requirements	Jan 2016	4	The disclosure requirements for G-SIBs and the identification methodology (technical standards on the latter were published in October 2014 (Official Journal of EU) and are applicable from 1 January 2015) are currently in force. Mandatory G-SIB buffer implemented by Article 131 of Directive 2013/36/EU with date of application of 1 January 2016. For the national implementation status of G-SIB and D-SIB requirements, see the respective EU jurisdictions.
	D-SIB requirements	Jan 2016	4	Optional D-SIB buffer implemented by Article 131 of Directive 2013/36/EU with date of application of 1 January 2016. EBA guidelines on criteria to assess D-SIBs were published in December 2014.
	Leverage ratio buffer	Jan 2022	3	Legislation on the framework for a leverage ratio buffer was published in the Official Journal on 7 June 2019. The requirements will apply as of 1 January 2022.
IRRBB	Interest rate risk in the banking book	2018	4, 3	The standard is implemented in a two steps process in the EU: (4) As a first step, on 19 July 2018 EBA has published revised EBA Guidelines on the management of interest rate risk arising from non-trading activities, which apply as of 30 June 2019. (3) As a second step, legislation implementing the standard on IRRBB was published in the Official Journal on 7 June 2019. The requirements will apply as of 28 June 2021.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	4	EU regulation (Article 86 of Directive 2013/36/EU) sets out that institutions shall have robust strategies, policies, processes and systems for the

				identification, measurement, management and monitoring of intraday liquidity risk.
	Net Stable Funding Ratio (NSFR)	Jan 2018	3	Legislation implementing the standard on the NSFR was published in the Official Journal on 7 June 2019. The requirements will apply as of 28 June 2021.
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	3	Part Four (Articles 387-403) of Regulation (EU) No 575/2013 is applicable as of January 2014. Legislation adjusting the existing EU large exposure regime to ensure alignment with the BCBS large exposures framework was published in the Official Journal on 7 June 2019. The requirements will apply as of 28 June 2021.
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	4, 3	(4) The first phase of implementation has been finalised by the EBA has adopted, in December 2016, Guidelines to implement the revised Pillar 3 framework (Phase 1) released by the Basel Committee in January 2015. The Guidelines apply from 31 December 2017, but G-SIBs were encouraged to comply with a subset of those Guidelines as soon as 31 December 2016. (3) Legislation implementing the changes to the Pillar 3 framework (completed as of December 2018) was published in the Official Journal on 7 June 2019. The requirements will apply as of 28 June 2021 or at an earlier date coinciding with the start of application of underlying requirements on which disclosures will have to be made.
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	4, 3	(4) Countercyclical capital buffer: Commission Delegated Regulation (EU) 2015/1555 of 28 May 2015, applicable from 1 January 2016. Remuneration: EBA Guidelines on sound remuneration policies under Articles 74(3) and 75(2) of Directive 2013/36/EU and disclosures under Article 450 of Regulation (EU) No 575/2013, applicable from 1 January 2017. LCR disclosure: EBA Guidelines on LCR disclosure to complement the disclosure of liquidity risk management under Article 435 of Regulation (EU) No 575/2013; applicable from 31 December 2017 (3) Revised leverage ratio: Legislation implementing the second phase of the BCBS review of the Pillar 3 disclosure framework was published in the Official Journal on 7 June 2019. The requirements will apply as of 28 June 2021.
	Key metrics, IRRBB, NSFR	Jan 2018	3	Legislation implementing the second phase of the BCBS review of the Pillar 3 disclosure framework was published in the Official Journal on 7 June 2019. The requirements will apply as of 28 June 2021.
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	4, 3	G-SIB indicators: https://www.eba.europa.eu/risk-analysis-and-data/global-systemically-important-institutions/2016

				Legislation implementing the second phase of the BCBS review of the Pillar 3 disclosure framework was published in the Official Journal on 7 June 2019. The requirements will apply as of 28 June 2021.
	TLAC	Jan 2019	4	Legislation implementing TLAC, including disclosures, was published in the Official Journal on 7 June 2019. The requirements apply as of 27 June 2019.
	Market risk	Jan 2022	1	

Implementation in Belgium

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	(EU: 4)	(Follows EU process) In the context of the Basel III / CRD IV implementation, Belgian legislators have taken the opportunity to initiate a complete overhaul of the Belgian Banking Law. This law implements the full spectrum of Basel III/CRD IV buffers. The level of the countercyclical buffer is determined on a quarterly basis by the National Bank of Belgium since 1 January 2016.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	(EU: 4)	(Follows EU process)
	Capital requirements for CCPs	Jan 2017	(EU: 3)	(Follows EU process)
	Capital requirements for equity investments in funds	Jan 2017	(EU: 3)	(Follows EU process)
	SA-CCR	Jan 2017	(EU: 3)	(Follows EU process)
	Securitisation framework	Jan 2018	(EU: 4)	(Follows EU process)
	TLAC holdings	Jan 2019	(EU: 4)	(Follows EU process)
	Revised standardised approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised IRB approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised CVA framework	Jan 2022	(EU: 1)	(Follows EU process)
	Revised minimum requirements for market risk	Jan 2022	(EU: 3,1)	(Follows EU process)
	Revised operational risk framework	Jan 2022	(EU: 1)	(Follows EU process)
Output floor	Jan 2022	(EU: 1)	(Follows EU process)	
Leverage	Existing (2014) exposure definition	Jan 2018	(EU: 4,3)	(Follows EU process)
	Revised (2017) exposure definition	Jan 2022	(EU: 3)	(Follows EU process)
SIB	G-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process)

	D-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process) In the context of the Basel III / CRD IV implementation, Belgian legislators have taken the opportunity to initiate a complete overhaul of the Belgian Banking Law. This law implements the full spectrum of Basel III/CRD IV buffers. The National Bank of Belgium designated 8 credit institutions as D-SIBs with an associated D-SIB buffer between 0.75% and 1.5% which will be gradually phased-in over a three year period starting 1 January 2016.
	Leverage ratio buffer	Jan 2022	(EU: 3)	(Follows EU process)
IRRBB	Interest rate risk in the banking book	2018	(EU: 4,3)	(Follows EU process)
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	(EU: 4)	(Follows EU process)
	Net Stable Funding Ratio (NSFR)	Jan 2018	(EU: 3)	(Follows EU process)
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	(EU: 3)	(Follows EU process)
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	(EU: 4,3)	(Follows EU process)
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	(EU: 4,3)	(Follows EU process)
	Key metrics, IRRBB, NSFR	Jan 2018	(EU: 3)	(Follows EU process)
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	(EU: 4,3)	(Follows EU process)
	TLAC	Jan 2019	(EU: 4)	(Follows EU process)
	Market risk	Jan 2022	(EU: 1)	(Follows EU process)

Implementation in France

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	(EU: 4)	(Follows EU process) Implemented by the text (Ordinance of 20 February 2014) published in the Official Journal on 21 February 2014.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	(EU: 4)	(Follows EU process)
	Capital requirements for CCPs	Jan 2017	(EU: 3)	(Follows EU process)
	Capital requirements for equity investments in funds	Jan 2017	(EU: 3)	(Follows EU process)
	SA-CCR	Jan 2017	(EU: 3)	(Follows EU process)
	Securitisation framework	Jan 2018	(EU: 4)	Regulations (EU) 2017/2401 and 2017/2402 were published in the Official Journal on 28 December 2017 and became applicable on 1 January 2019.
	TLAC holdings	Jan 2019	(EU: 4)	(Follows EU process)
	Revised standardised approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised IRB approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised CVA framework	Jan 2022	(EU: 1)	(Follows EU process)
	Revised minimum requirements for market risk	Jan 2022	(EU: 3,1)	(Follows EU process)
	Revised operational risk framework	Jan 2022	(EU: 1)	(Follows EU process)
Output floor	Jan 2022	(EU: 1)	(Follows EU process)	
Leverage	Existing (2014) exposure definition	Jan 2018	(EU: 4,3)	(Follows EU process)
	Revised (2017) exposure definition	Jan 2022	(EU: 3)	(Follows EU process)
SIB	G-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process) Implemented by the text (Ordinance of 20 February 2014) published in the Official Journal on 21 February 2014.

	D-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process)
	Leverage ratio buffer	Jan 2022	(EU: 3)	(Follows EU process)
IRRBB	Interest rate risk in the banking book	2018	(EU: 4,3)	(Follows EU process)
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	(EU: 4)	(Follows EU process)
	Net Stable Funding Ratio (NSFR)	Jan 2018	(EU: 3)	(Follows EU process)
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	(EU: 3)	(Follows EU process)
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	(EU: 4,3)	(Follows EU process)
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	(EU: 4,3)	(Follows EU process)
	Key metrics, IRRBB, NSFR	Jan 2018	(EU: 3)	(Follows EU process)
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	(EU: 4,3)	(Follows EU process)
	TLAC	Jan 2019	(EU: 4)	(Follows EU process)
	Market risk	Jan 2022	(EU: 1)	(Follows EU process)

Implementation in Germany

Number code: 1 = draft regulation not published; 2 = draft regulation published; 3 = final rule published (not yet implemented by banks); 4 = final rule in force (published and implemented by banks). Standards for which the agreed implementation deadline has passed receive a colour code to reflect the status of implementation: **green** = adoption completed; **yellow** = adoption in process (draft regulation published); **red** = adoption not started (draft regulation not published); and "na" = not applicable.

	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	(EU: 4)	(Follows EU process) Rules on capital conservation buffer and countercyclical capital buffer have been transposed into national law. The requirements entered into force on 1 January 2014 and phased in from 1 January 2016.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	(EU: 4)	(Follows EU process)
	Capital requirements for CCPs	Jan 2017	(EU: 3)	(Follows EU process)
	Capital requirements for equity investments in funds	Jan 2017	(EU: 3)	(Follows EU process)
	SA-CCR	Jan 2017	(EU: 3)	(Follows EU process)
	Securitisation framework	Jan 2018	(EU: 4)	(Follows EU process) Complementary national legislation has entered into force on 1 January 2019.
	TLAC holdings	Jan 2019	(EU: 4)	(Follows EU process)
	Revised standardised approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised IRB approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised CVA framework	Jan 2022	(EU: 1)	(Follows EU process)
	Revised minimum requirements for market risk	Jan 2022	(EU: 3,1)	(Follows EU process)
	Revised operational risk framework	Jan 2022	(EU: 1)	(Follows EU process)
Output floor	Jan 2022	(EU: 1)	(Follows EU process)	
Leverage	Existing (2014) exposure definition	Jan 2018	(EU: 4,3)	(Follows EU process)
	Revised (2017) exposure definition	Jan 2022	(EU: 3)	(Follows EU process)

				The proposal for introducing a capital requirement based on the leverage ratio was adopted by the European Commission in November 2016. It is currently being considered by the legislator.
SIB	G-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process) National adoption status of G-SIB requirements (CRD IV): Rules on G-SIBs as set out in CRD IV have been transposed into national law. The requirements entered into force from 1 January 2016. Disclosure requirements according to Commission Implementing Regulation (EU) No 1030/2014 and EBA Guidelines (EBA/GL/2014/02) are already in force and applied. Methodological requirements for the identification of global systemically important institutions according to Commission Delegated Regulation (EU) No 1222/2014 are already in force and applied
	D-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process) Rules on D-SIBs as set out in CRD IV have been transposed into national law and entered into force from 1 January 2016. The EBA Guidelines (EBA/GL/2014/10) are already in force and applied. The capital buffers will be applied from 1 January 2017. The institutions designated as D-SIBs must annually carry out linear increases of their capital buffers, from 1 January 2017 (one third of D-SIB capital buffer requirements) to 1 January 2019 (full D-SIB capital buffer requirements) (phase-in period).
	Leverage ratio buffer	Jan 2022	(EU: 3)	(Follows EU process)
IRRBB	Interest rate risk in the banking book	2018	(EU: 4,3)	(Follows EU process) National implementation of EBA Guidelines on the management of interest rate risk arising from non-trading activities will be applicable from 31 December 2019 onwards.
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	(EU: 4)	(Follows EU process)
	Net Stable Funding Ratio (NSFR)	Jan 2018	(EU: 3)	(Follows EU process)
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	(EU: 3)	(Follows EU process)
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	(EU: 4,3)	(Follows EU process)
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	(EU: 4,3)	(Follows EU process)
	Key metrics, IRRBB, NSFR	Jan 2018	(EU: 3)	(Follows EU process)
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	(EU: 4,3)	(Follows EU process)

	TLAC	Jan 2019	(EU: 4)	(Follows EU process)
	Market risk	Jan 2022	(EU: 1)	(Follows EU process)

Implementation in Italy

Number code: 1 = draft regulation not published; 2 = draft regulation published; 3 = final rule published (not yet implemented by banks); 4 = final rule in force (published and implemented by banks). Standards for which the agreed implementation deadline has passed receive a colour code to reflect the status of implementation: **green** = adoption completed; **yellow** = adoption in process (draft regulation published); **red** = adoption not started (draft regulation not published); and "na" = not applicable.

	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	(EU: 4)	(Follows EU process) Rules on countercyclical capital buffer have been transposed into national law. The buffer entered into force on 1 January 2016 and it is now set at 0%. With regard to the capital conservation buffer, minimum amounts have been updated, both at individual and consolidated level, in order to reduce differences between Italy and other national frameworks: 1.25% from 1 January 2017 to 31 December 2017; 1.875% from 1 January 2018 to 31 December 2018; 2.5% from 1 January 2019.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	(EU: 4)	(Follows EU process)
	Capital requirements for CCPs	Jan 2017	(EU: 3)	(Follows EU process)
	Capital requirements for equity investments in funds	Jan 2017	(EU: 3)	(Follows EU process)
	SA-CCR	Jan 2017	(EU: 3)	(Follows EU process)
	Securitisation framework	Jan 2018	(EU: 4)	(Follows EU process)
	TLAC holdings	Jan 2019	(EU: 4)	(Follows EU process)
	Revised standardised approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised IRB approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised CVA framework	Jan 2022	(EU: 1)	(Follows EU process)
	Revised minimum requirements for market risk	Jan 2022	(EU: 3,1)	(Follows EU process)
	Revised operational risk framework	Jan 2022	(EU: 1)	(Follows EU process)
	Output floor	Jan 2022	(EU: 1)	(Follows EU process)
Leverage	Existing (2014) exposure definition	Jan 2018	(EU: 4,3)	(Follows EU process) The delegated act on the leverage ratio (as modified by the Basel Committee in January 2014) was adopted in October 2014 and published in January 2015

				(Official Journal of EU). Mandatory public disclosure of leverage ratio is applicable from 1 January 2015.
	Revised (2017) exposure definition	Jan 2022	(EU: 3)	(Follows EU process)
SIB	G-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process) National adoption status of G-SIB / D-SIB requirements (CRD IV): Rules on G-SIBs / D-SIBs as set out in CRD IV have been transposed into national law. The requirements entered into force on 1 January 2014 and were applied from 1 January 2016. Disclosure requirements according to Commission Implementing Regulation (EU) No 1030/2014 and EBA Guidelines (EBA/GL/2014/02) are already in force and applied. Methodological requirements for the identification of global systemically important institutions according to Commission Delegated Regulation (EU) No 1222/2014 are already in force and applied.
	D-SIB requirements	Jan 2016	(EU: 4)	National adoption status of G-SIB / D-SIB requirements (CRD IV): Rules on G-SIBs / D-SIBs as set out in CRD IV have been transposed into national law. The requirements entered into force on 1 January 2014 and were applied from 1 January 2016. EBA Guidelines (GL/2014/10) on the criteria to determine the conditions of application of Article 131(3) of Directive 2013/36/EU (CRD) in relation to the assessment of other systemically important institutions (O-SIIs) are already in force and applied.
	Leverage ratio buffer	Jan 2022	(EU: 3)	(Follows EU process)
IRRBB	Interest rate risk in the banking book	2018	(EU: 4,3)	(Follows EU process)
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	(EU: 4)	(Follows EU process)
	Net Stable Funding Ratio (NSFR)	Jan 2018	(EU: 3)	(Follows EU process)
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	(EU: 3)	(Follows EU process)
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	(EU: 4,3)	(Follows EU process)
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	(EU: 4,3)	(Follows EU process)
	Key metrics, IRRBB, NSFR	Jan 2018	(EU: 3)	(Follows EU process)
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	(EU: 4,3)	(Follows EU process)
	TLAC	Jan 2019	(EU: 4)	(Follows EU process)

	Market risk	Jan 2022	(EU: 1)	(Follows EU process)
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Implementation in Luxembourg

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	(EU: 4)	(Follows EU process) In force since July 2015. (Rules on countercyclical buffer have been transposed into national law through Articles 59-6 and 59-7 of the Law of 5 April 1993 on the financial sector, as amended). The setting of the countercyclical buffer rate is done on a quarterly basis through a CSSF Regulation.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	(EU: 4)	(Follows EU process)
	Capital requirements for CCPs	Jan 2017	(EU: 3)	(Follows EU process)
	Capital requirements for equity investments in funds	Jan 2017	(EU: 3)	(Follows EU process)
	SA-CCR	Jan 2017	(EU: 3)	(Follows EU process)
	Securitisation framework	Jan 2018	(EU: 4)	(Follows EU process)
	TLAC holdings	Jan 2019	(EU: 4)	(Follows EU process)
	Revised standardised approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised IRB approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised CVA framework	Jan 2022	(EU: 1)	(Follows EU process)
	Revised minimum requirements for market risk	Jan 2022	(EU: 3,1)	(Follows EU process)
	Revised operational risk framework	Jan 2022	(EU: 1)	(Follows EU process)
Output floor	Jan 2022	(EU: 1)	(Follows EU process)	
Leverage	Existing (2014) exposure definition	Jan 2018	(EU: 4,3)	(Follows EU process)
	Revised (2017) exposure definition	Jan 2022	(EU: 3)	(Follows EU process)
SIB	G-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process) Law of 23 July 2015 modifying the Law of 5 April 1993 on the financial sector.
	D-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process)

				Law of 23 July 2015 modifying the Law of 5 April 1993 on the financial sector.
	Leverage ratio buffer	Jan 2022	(EU: 3)	(Follows EU process)
IRRBB	Interest rate risk in the banking book	2018	(EU: 4,3)	(Follows EU process)
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	(EU: 4)	(Follows EU process)
	Net Stable Funding Ratio (NSFR)	Jan 2018	(EU: 3)	(Follows EU process)
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	(EU: 3)	(Follows EU process)
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	(EU: 4,3)	(Follows EU process)
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	(EU: 4,3)	(Follows EU process)
	Key metrics, IRRBB, NSFR	Jan 2018	(EU: 3)	(Follows EU process)
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	(EU: 4,3)	(Follows EU process)
	TLAC	Jan 2019	(EU: 4)	(Follows EU process)
	Market risk	Jan 2022	(EU: 1)	(Follows EU process)

Implementation in the Netherlands

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	(EU: 4)	(Follows EU process) Countercyclical buffer was implemented in Dutch law on 1 August 2014.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	(EU: 4)	(Follows EU process)
	Capital requirements for CCPs	Jan 2017	(EU: 3)	(Follows EU process)
	Capital requirements for equity investments in funds	Jan 2017	(EU: 3)	(Follows EU process)
	SA-CCR	Jan 2017	(EU: 3)	(Follows EU process)
	Securitisation framework	Jan 2018	(EU: 4)	(Follows EU process)
	TLAC holdings	Jan 2019	(EU: 4)	(Follows EU process)
	Revised standardised approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised IRB approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised CVA framework	Jan 2022	(EU: 1)	(Follows EU process)
	Revised minimum requirements for market risk	Jan 2022	(EU: 3,1)	(Follows EU process)
	Revised operational risk framework	Jan 2022	(EU: 1)	(Follows EU process)
Output floor	Jan 2022	(EU: 1)	(Follows EU process)	
Leverage	Existing (2014) exposure definition	Jan 2018	(EU: 4,3)	(Follows EU process)
	Revised (2017) exposure definition	Jan 2022	(EU: 3)	(Follows EU process)
SIB	G-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process) The G/D-SIB framework has been implemented in Dutch law as of 1 January 2014 and in force as of 2016.
	D-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process)

				The G/D-SIB framework has been implemented in Dutch law as of 1 January 2014 and in force as of 2016.
	Leverage ratio buffer	Jan 2022	(EU: 3)	(Follows EU process)
IRRBB	Interest rate risk in the banking book	2018	(EU: 4,3)	(Follows EU process)
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	(EU: 4)	(Follows EU process)
	Net Stable Funding Ratio (NSFR)	Jan 2018	(EU: 3)	(Follows EU process)
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	(EU: 3)	(Follows EU process)
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	(EU: 4,3)	(Follows EU process)
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	(EU: 4,3)	(Follows EU process)
	Key metrics, IRRBB, NSFR	Jan 2018	(EU: 3)	(Follows EU process)
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	(EU: 4,3)	(Follows EU process)
	TLAC	Jan 2019	(EU: 4)	(Follows EU process)
	Market risk	Jan 2022	(EU: 1)	(Follows EU process)

Implementation in Spain

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	(EU: 4)	(Follows EU process) Law 10/2014 on supervision and solvency of credit institutions and Royal Decree 84/2015 that implements this law. Circular 2/2016 from Bank of Spain concludes the transposition of Directive 2013/36/EU and Regulation (EU) No 575/2013 to the Spanish legal framework.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	(EU: 4)	(Follows EU process)
	Capital requirements for CCPs	Jan 2017	(EU: 3)	(Follows EU process)
	Capital requirements for equity investments in funds	Jan 2017	(EU: 3)	(Follows EU process)
	SA-CCR	Jan 2017	(EU: 3)	(Follows EU process)
	Securitisation framework	Jan 2018	(EU: 4)	(Follows EU process)
	TLAC holdings	Jan 2019	(EU: 4)	(Follows EU process)
	Revised standardised approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised IRB approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised CVA framework	Jan 2022	(EU: 1)	(Follows EU process)
	Revised minimum requirements for market risk	Jan 2022	(EU: 3,1)	(Follows EU process)
	Revised operational risk framework	Jan 2022	(EU: 1)	(Follows EU process)
Output floor	Jan 2022	(EU: 1)	(Follows EU process)	
Leverage	Existing (2014) exposure definition	Jan 2018	(EU: 4,3)	(Follows EU process)
	Revised (2017) exposure definition	Jan 2022	(EU: 3)	(Follows EU process)
SIB	G-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process)

				Transposed into national law (Law 10/2014 on supervision and solvency of credit institutions and Royal Decree 84/2015 that implements this law). Circular 2/2016 from Bank of Spain concludes the transposition of Directive 2013/36/EU and Regulation (EU) No 575/2013 to the Spanish legal framework
	D-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process) Transposed into national law (Law 10/2014 on supervision and solvency of credit institutions and Royal Decree 84/2015 that implements this law). Circular 2/2016 from Bank of Spain concludes the transposition of Directive 2013/36/EU and Regulation (EU) No 575/2013 to the Spanish legal framework.
	Leverage ratio buffer	Jan 2022	(EU: 3)	(Follows EU process)
IRRBB	Interest rate risk in the banking book	2018	(EU: 4,3)	(Follows EU process)
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	(EU: 4)	(Follows EU process) Article 86 of Directive 2013/36/EU has been transposed into national law by means of Article 53 of Royal Decree 84/2015 and Rule 51 of Circular 2/2016 from Bank of Spain.
	Net Stable Funding Ratio (NSFR)	Jan 2018	(EU: 3)	(Follows EU process)
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	(EU: 3)	(Follows EU process)
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	(EU: 4,3)	(Follows EU process)
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	(EU: 4,3)	(Follows EU process)
	Key metrics, IRRBB, NSFR	Jan 2018	(EU: 3)	(Follows EU process)
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	(EU: 4,3)	(Follows EU process)
	TLAC	Jan 2019	(EU: 4)	(Follows EU process)
	Market risk	Jan 2022	(EU: 1)	(Follows EU process)

Implementation in Sweden

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	(EU: 4)	(Follows EU process) National legislation is in force. Finansinspektionen (the supervisory authority) has been given the legal powers to set the countercyclical buffer rate. In September 2014, the rate was set at 1%, in June 2015 it was raised to 1.5 % and in March 2016 it was raised to 2%. The rate was raised to 2.5 % in September 2019. The buffer rate entered into force in September 2015.
	Margin requirements for non-centrally cleared derivatives	Sep 2016	(EU: 4)	(Follows EU process)
	Capital requirements for CCPs	Jan 2017	(EU: 3)	(Follows EU process)
	Capital requirements for equity investments in funds	Jan 2017	(EU: 3)	(Follows EU process)
	SA-CCR	Jan 2017	(EU: 3)	(Follows EU process)
	Securitisation framework	Jan 2018	(EU: 4)	(Follows EU process)
	TLAC holdings	Jan 2019	(EU: 4)	(Follows EU process)
	Revised standardised approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised IRB approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised CVA framework	Jan 2022	(EU: 1)	(Follows EU process)
	Revised minimum requirements for market risk	Jan 2022	(EU: 3,1)	(Follows EU process)
	Revised operational risk framework	Jan 2022	(EU: 1)	(Follows EU process)
Output floor	Jan 2022	(EU: 1)	(Follows EU process)	
Leverage	Existing (2014) exposure definition	Jan 2018	(EU: 4,3)	(Follows EU process)
	Revised (2017) exposure definition	Jan 2022	(EU: 3)	(Follows EU process)
SIB	G-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process)

				Finansinspektionen has the legal mandate to identify G-SIBs (G-SIIs in EU-language) and apply a so-called G-SII capital buffer. Historically Finansinspektionen has identified Nordea as a G-SIB. As from October 1 st , 2018, Nordea is a Finnish bank and as such under supervision of the Single Supervisory Mechanism of the ECB and the Finnish FSA. In the 2018-exercise Finansinspektionen, jointly together with the ECB and the Finnish FSA, based on Nordea's low scores agreed to not identify Nordea as a G-SIB. As a consequence, there is no longer any G-SIBs identified in the Nordic Region.
	D-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process) National legislation is in force, according to which Finansinspektionen has been given all required mandates. In October 2015, Finansinspektionen decided to strictly follow the EBA guideline for O-SII identification (EU language for the D-SIB framework). Swedish banking groups identified as O-SIIs are required to hold an O-SII capital buffer of 2% from 1 January 2016. Also, Finansinspektionen has been given the legal powers to set a systemic risk buffer. A systemic risk buffer of 3% CET1 has been applied to Sweden's largest banks at group level from 1 January 2015. The system risk buffer and O-SII-buffer are not additive. (Additionally, another 2% CET1 requirement has been set for these banking groups in Pillar 2.)
	Leverage ratio buffer	Jan 2022	(EU: 3)	(Follows EU process)
IRRBB	Interest rate risk in the banking book	2018	(EU: 4,3)	(Follows EU process)
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	(EU: 4)	(Follows EU process)
	Net Stable Funding Ratio (NSFR)	Jan 2018	(EU: 3)	(Follows EU process)
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	(EU: 3)	(Follows EU process)
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	(EU: 4,3)	(Follows EU process)
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	(EU: 4,3)	(Follows EU process)
	Key metrics, IRRBB, NSFR	Jan 2018	(EU: 3)	(Follows EU process)
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	(EU: 4,3)	(Follows EU process)
	TLAC	Jan 2019	(EU: 4)	(Follows EU process)
	Market risk	Jan 2022	(EU: 1)	(Follows EU process)

Implementation in the United Kingdom

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	Basel standards	BCBS deadline	Status	Remarks
Capital	Countercyclical capital buffer (CCyB)	Jan 2016	(EU: 4)	(Follows EU process) Final rules published in April 2014 (see PRA PS 3/14).
	Margin requirements for non-centrally cleared derivatives	Sep 2016	(EU: 4)	(Follows EU process)
	Capital requirements for CCPs	Jan 2017	(EU: 3)	(Follows EU process)
	Capital requirements for equity investments in funds	Jan 2017	(EU: 3)	(Follows EU process)
	SA-CCR	Jan 2017	(EU: 3)	(Follows EU process)
	Securitisation framework	Jan 2018	(EU: 4)	(Follows EU process)
	TLAC holdings	Jan 2019	(EU: 4)	(Follows EU process)
	Revised standardised approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised IRB approach for credit risk	Jan 2022	(EU: 1)	(Follows EU process)
	Revised CVA framework	Jan 2022	(EU: 1)	(Follows EU process)
	Revised minimum requirements for market risk	Jan 2022	(EU: 3,1)	(Follows EU process)
	Revised operational risk framework	Jan 2022	(EU: 1)	(Follows EU process)
Output floor	Jan 2022	(EU: 1)	(Follows EU process)	
Leverage	Existing (2014) exposure definition	Jan 2018	(EU: 4,3)	(Follows EU process) The UK domestic leverage ratio framework came into force on 1 January 2016, capturing major UK banks and building societies (see PRA PS 27/15).
	Revised (2017) exposure definition	Jan 2022	(EU: 3)	(Follows EU process)
SIB	G-SIB requirements	Jan 2016	(EU: 4)	(Follows EU and National process) G-SIB framework implemented through EBA technical standards, with G-SIB disclosure requirements and capital surcharges already in force. Where

				applicable to a firm, G-SIB/G-SII buffers are set by the PRA using its powers under section 55M of FSMA to increase the size of the firm's combined buffer (see PRA SS6/14).
	D-SIB requirements	Jan 2016	(EU: 4)	(Follows EU process) The PRA's approach to identifying O-SIIs was published in February 2016 and is in accordance with Article 131 of Directive 2013/36/EU. The PRA publishes an updated list of UK O-SIIs to its website on an annual basis. The Financial Policy Committee's (FPC) framework for the Systemic Risk Buffer was published in May 2016. As part of the framework, the PRA published a Statement of Policy outlining its approach to the implementation of the Systemic Risk Buffer in December 2016. The framework and Statement of Policy will apply to ring-fenced banks and large building societies as defined in The Capital Requirement (Capital Buffers and Macro-prudential Measures) (Amendment) Regulation 2015 from 2019.
	Leverage ratio buffer	Jan 2022	(EU: 3)	(Follows EU process) The UK domestic leverage framework that came into force on 1 January 2016 includes a G-SII leverage ratio buffer.
IRRBB	Interest rate risk in the banking book	2018	(EU: 4,3)	(Follows EU process)
Liquidity	Monitoring tools for intraday liquidity management	Jan 2015	(EU: 4)	(Follows EU process) Published in August 2015 and updated guidance issued in February 2017 on Bank of England CRD IV Updates internet page.
	Net Stable Funding Ratio (NSFR)	Jan 2018	(EU: 3)	(Follows EU process)
Large exposures	Supervisory framework for measuring and controlling large exposures	Jan 2019	(EU: 3)	(Follows EU process)
Disclosure	Revised Pillar 3 requirements (published 2015)	Dec 2016	(EU: 4,3)	(Follows EU process)
	CCyB, Liquidity, Remuneration, Leverage ratio (revised)	Dec 2017	(EU: 4,3)	(Follows EU process)
	Key metrics, IRRBB, NSFR	Jan 2018	(EU: 3)	(Follows EU process)
	Composition of capital, RWA overview, Prudential valuation adjustments, G-SIB indicators	Dec 2018	(EU: 4,3)	(Follows EU process)
	TLAC	Jan 2019	(EU: 4)	(Follows EU process)
	Market risk	Jan 2022	(EU: 1)	(Follows EU process)