

Bank Name	Münchener Hypothek
LEI Code	529900GM944JT8
Country Code	DE

This bank does not report FINREP data on a consolidated level, and so only COREP templates are published.

ekenbank EG

T8YIRL63



#### **Key Metrics**

(mln EUR, %)	As of 30/09/2019	As of 31/12/2019	COREP CODE	REGULATION
Available capital (amounts)				
Common Equity Tier 1 (CET1) capital - transitional period	1,395	1,407	C 01.00 (r020,c010)	Article 50 of CRR
Common Equity Tier 1 (CET1) capital as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	1,395	1,407	C 01.00 (r020,c010) - C 05.01 (r440,c010)	Article 50 of CRR
Tier 1 capital - transitional period	1,395	1,522	C 01.00 (r015,c010)	Article 25 of CRR
Tier 1 capital as if IFRS 9 or analogous ECLs transitional arrangements had not been applied - transitional definition	1,395	1,522	C 01.00 (r015,c010) - C 05.01 (r440,c010) - C 05.01 (r440,c020)	Article 25 of CRR
Total capital - transitional period	1,446	1,573	C 01.00 (r010,c010)	Articles 4(118) and 72 of CRR
Total capital as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	1,446	1,573	C 01.00 (r010,c010) - C 05.01 (r440,c010) - C 05.01 (r440,c020) - C 05.01 (r440,c030)	Articles 4(118) and 72 of CRR
Risk-weighted assets (amounts)				
Total risk-weighted assets	7,022	7,121	C 02.00 (r010,c010)	Articles 92(3), 95, 96 and 98 of CRR
Total risk-weighted assets as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	7,022	7,121	C 02.00 (r010,c010) - C 05.01 (r440,c040)	Articles 92(3), 95, 96 and 98 of CRR
Capital ratios				
Common Equity Tier 1 (as a percentage of risk exposure amount) - transitional definition	19.87%	19.76%	CA3 {1}	-
Common Equity Tier 1 (as a percentage of risk exposure amount) - transitional definition - as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	19.87%	19.76%	(C 01.00 (r020,c010) - C 05.01 (r440,c010) )/ (C 02.00 (r010,c010) - C 05.01 (r440,c040) )	-
Tier 1 (as a percentage of risk exposure amount) - transitional definition	19.87%	21.37%	CA3 {3}	-
Tier 1 (as a percentage of risk exposure amount) as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	19.87%	21.37%	(C 01.00 (r015,c010) - C 05.01 (r440,c010) - C 05.01 (r440,c020) ) / (C 02.00 (r010,c010) - C 05.01 (r440,c040) )	-
Total capital (as a percentage of risk exposure amount) - transitional definition	20.59%	22.09%	CA3 {5}	-
Total capital (as a percentage of risk exposure amount) as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	20.59%	22.09%	(C 01.00 (r010,c010) - C 05.01 (r440,c010) - C 05.01 (r440,c020) - C 05.01 (r440,c030) ) / (C 02.00 (r010,c010) - C 05.01 (r440,c040) )	-
Leverage ratio				
Leverage ratio total exposure measure - using a transitional definition of Tier 1 capital	42,525	42,696	C 47.00 (r300,c010)	Article 429 of the CRR; Delegated Regulation (EU) 2015/62 of 10 October 2014 amending CRR
Leverage ratio - using a transitional definition of Tier 1 capital	3.28%	3.56%	C 47.00 (r340,c010)	Article 429 of the CRR; Delegated Regulation (EU) 2015/62 of 10 October 2014 amending CRR



#### Leverage ratio

	(mln EUR, %)	As of 30/09/2019	As of 31/12/2019	COREP CODE	REGULATION
A.1	Tier 1 capital - transitional definition	1,395	1,522	C 47.00 (r320,c010)	
A.2	Tier 1 capital - fully phased-in definition	1,395	1,522	C 47.00 (r310,c010)	
B.1	Total leverage ratio exposures - using a transitional definition of Tier 1 capital	42,525	42,696	C 47.00 (r300,c010)	Article 429 of the CRR; Delegated Regulation (EU) 2015/62 of 10 October 2014 amending
B.2	Total leverage ratio exposures - using a fully phased-in definition of Tier 1 capital	42,525	42,696	C 47.00 (r290,c010)	CRR
C.1	Leverage ratio - using a transitional definition of Tier 1 capital	3.3%	3.6%	C 47.00 (r340,c010)	
C.2	Leverage ratio - using a fully phased-in definition of Tier 1 capital	3.3%	3.6%	C 47.00 (r330,c010)	



Capital

#### Münchener Hypothekenbank EG

		(mln EUR, %)	As of 30/09/2019	As of 31/12/2019	COREP CODE	REGULATION
	А	OWN FUNDS	1,446	1,573	C 01.00 (r010,c010)	Articles 4(118) and 72 of CRR
	A.1	COMMON EQUITY TIER 1 CAPITAL (net of deductions and after applying transitional adjustments)	1,395	1,407	C 01.00 (r020,c010)	Article 50 of CRR
	A.1.1	Capital instruments eligible as CET1 Capital (including share premium and net own capital instruments)	1,061	1,068	C 01.00 (r030,c010)	Articles 26(1) points (a) and (b), 27 to 29, 36(1) point (f) and 42 of CRR
	A.1.2	Retained earnings	320	332	C 01.00 (r130,c010)	Articles 26(1) point (c), 26(2) and 36 (1) points (a) and (I) of CRR
	A.1.3	Accumulated other comprehensive income	0	0	C 01.00 (r180,c010)	Articles 4(100), 26(1) point (d) and 36 (1) point (I) of CRR
	A.1.4	Other Reserves	0	0	C 01.00 (r200,c010)	Articles 4(117) and 26(1) point (e) of CRR
	A.1.5	Funds for general banking risk	35	35	C 01.00 (r210,c010)	Articles 4(112), 26(1) point (f) and 36 (1) point (l) of CRR
	A.1.6	Minority interest given recognition in CET1 capital	0	0	C 01.00 (r230,c010)	Article 84 of CRR
	A.1.7	Adjustments to CET1 due to prudential filters	0	0	C 01.00 (r250,c010)	Articles 32 to 35 of and 36 (1) point (I) of CRR
	A.1.8	(-) Intangible assets (including Goodwill)	-9	-8	C 01.00 (r300,c010) + C 01.00 (r340,c010)	Articles 4(113), 36(1) point (b) and 37 of CRR. Articles 4(115), 36(1) point (b) and 37 point (a) of CCR
	A.1.9	(-) DTAs that rely on future profitability and do not arise from temporary differences net of associated DTLs	0	0	C 01.00 (r370,c010)	Articles 36(1) point (c) and 38 of CRR
	A.1.10	(-) IRB shortfall of credit risk adjustments to expected losses	0	0	C 01.00 (r380,c010)	Articles 36(1) point (d), 40 and 159 of CRR
	A.1.11	(-) Defined benefit pension fund assets	0	0	C 01.00 (r390,c010)	Articles 4(109), 36(1) point (e) and 41 of CRR
	A.1.12	(-) Reciprocal cross holdings in CET1 Capital	0	0	C 01.00 (r430,c010)	Articles 4(122), 36(1) point (g) and 44 of CRR
	A.1.13	(-) Excess deduction from AT1 items over AT1 Capital	0	0	C 01.00 (r440,c010)	Article 36(1) point (j) of CRR
	A.1.14	(-) Deductions related to assets which can alternatively be subject to a 1.250% risk weight	0	0	C 01.00 (r450,c010) + C 01.00 (r460,c010) + C 01.00 (r470,c010) + C 01.00 (r471,c010)+ C 01.00 (r472,c010)	Articles 4(36), 36(1) point (k) (i) and 89 to 91 of CRR; Articles 36(1) point (k) (ii), 243(1) point (b), 244(1) point (b) and 258 of CRR; Articles 36(1) point k) (iii) and 379(3) of CRR; Articles 36(1) point k) (iv) and 153(8) of CRR and Articles 36(1) point k) (v) and 155(4) of CRR.
	A.1.14.1	Of which: from securitisation positions (-)	0	0	C 01.00 (r460,c010)	Articles 36(1) point (k) (ii), 243(1) point (b), 244(1) point (b) and 258 of CRR
	A.1.15	(-) Holdings of CET1 capital instruments of financial sector entities where the institiution does not have a significant investment	0	0	C 01.00 (r480,c010)	Articles 4(27), 36(1) point (h); 43 to 46, 49 (2) and (3) and 79 of CRR
	A.1.16	(-) Deductible DTAs that rely on future profitability and arise from temporary differences	0	0	C 01.00 (r490,c010)	Articles 36(1) point (c) and 38; Articles 48(1) point (a) and 48(2) of CRR
	A.1.17	(-) Holdings of CET1 capital instruments of financial sector entities where the institiution has a significant investment	0	0	C 01.00 (r500,c010)	Articles 4(27); 36(1) point (i); 43, 45; 47; 48(1) point (b); 49(1) to (3) and 79 of CRR
OWN FUNDS	A.1.18	(-) Amount exceding the 17.65% threshold	0	0	C 01.00 (r510,c010)	Article 48 of CRR
Transitional period	A.1.19	(-) Additional deductions of CET1 Capital due to Article 3 CRR	-12	-20	C 01.00 (r524,c010)	Article 3 CRR
	A.1.20	CET1 capital elements or deductions - other	0	0	C 01.00 (r529,c010)	-
	A.1.21	Transitional adjustments	0	0	CA1 {1.1.1.6 + 1.1.1.8 + 1.1.1.26}	-
	A.1.21.1	Transitional adjustments due to grandfathered CET1 Capital instruments (+/-)	0	0	C 01.00 (r220,c010)	Articles 483(1) to (3), and 484 to 487 of CRR
	A.1.21.2	Transitional adjustments due to additional minority interests (+/-)	0	0	C 01.00 (r240,c010)	Articles 479 and 480 of CRR
	A.1.21.3	Other transitional adjustments to CET1 Capital (+/-)	0	0	C 01.00 (r520,c010)	Articles 469 to 472, 478 and 481 of CRR
	A.2	ADDITIONAL TIER 1 CAPITAL (net of deductions and after transitional adjustments)	0	115	C 01.00 (r530,c010)	Article 61 of CRR
	A.2.1	Additional Tier 1 Capital instruments	0	115	C 01.00 (r540,c010) + C 01.00 (r670,c010)	-
	A.2.2	(-) Excess deduction from T2 items over T2 capital	0	0	C 01.00 (r720,c010)	-
	A.2.3	Other Additional Tier 1 Capital components and deductions	0	0	C 01.00 (r690,c010) + C 01.00 (r700,c010) + C 01.00 (r710,c010) + C 01.00 (r740,c010) + C 01.00 (r744,c010) + C 01.00 (r748,c010)	-
	A.2.4	Additional Tier 1 transitional adjustments	0	0	C 01.00 (r660,c010) + C 01.00 (r680,c010) + C 01.00 (r730,c010)	-
	A.3	TIER 1 CAPITAL (net of deductions and after transitional adjustments)	1,395	1,522	C 01.00 (r015,c010)	Article 25 of CRR
	A.4	TIER 2 CAPITAL (net of deductions and after transitional adjustments)	51	51	C 01.00 (r750,c010)	Article 71 of CRR
	A.4.1	Tier 2 Capital instruments	25	21	C 01.00 (r760,c010) + C 01.00 (r890,c010)	-
	A.4.2	Other Tier 2 Capital components and deductions	26	30	C 01.00 (r910,c010) + C 01.00 (r920,c010) + C 01.00 (r930,c010) + C 01.00 (r940,c010) + C 01.00 (r950,c010) + C 01.00 (r970,c010) + C 01.00 (r974,c010) + C 01.00 (r978,c010)	-
	A.4.3	Tier 2 transitional adjustments	0	0	C 01.00 (r880,c010) + C 01.00 (r900,c010) + C 01.00 (r960,c010)	-
	в	TOTAL RISK EXPOSURE AMOUNT	7,022		C 02.00 (r010,c010)	Articles 92(3), 95, 96 and 98 of CRR
OWN FUNDS REQUIREMENTS	B.1	Of which: Transitional adjustments included	0		C 05.01 (r010;c040)	-
	C.1	COMMON EQUITY TIER 1 CAPITAL RATIO (transitional period)	19.87%	19.76%		-
CAPITAL RATIOS (%)	C.2	TIER 1 CAPITAL RATIO (transitional period)	19.87%	21.37%		-
Transitional period	C.3	TOTAL CAPITAL RATIO (transitional period)	20.59%	22.09%		-
CET1 Capital	D	COMMON EQUITY TIER 1 CAPITAL (fully loaded)	1,395	1 407	[A.1-A.1.13-A.1.21+MIN(A.2+A.1.13-A.2.2- A.2.4+MIN(A.4+A.2.2-A.4.3,0),0)]	-
Fully loaded CET1 RATIO (%)	Е	COMMON EQUITY TIER 1 CAPITAL RATIO (fully loaded)	19.87%	19.76%		-
Fully loaded <sup>1</sup>	F	Adjustments to CET1 due to IFRS 9 transitional arrangements	0		C 05.01 (r440,c010)	-
	F	Adjustments to AT1 due to IFRS 9 transitional arrangements	0	0	C 05.01 (r440,c020)	-
Memo items	F	Adjustments to T2 due to IFRS 9 transitional arrangements	0		C 05.01 (r440,c030)	-
	F	Adjustments included in RWAs due to IFRS 9 transitional arrangements	0		C 05.01 (r440,c040)	-
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(1)The fully loaded CET1 ratio is an estimate calculated based on bank's supervisory reporting. Therefore, any capital instruments that are not eligible from a regulatory point of view at the reporting date are not taken into account in this calculation. Fully loaded CET1 capital ratio estimation is based on the formulae stated in column "COREP CODE" – please note that this might lead to differences to fully loaded CET1 capital ratios published by the participating banks e.g. in their Pillar 3 disclosure



#### Overview of Risk exposure amounts

	RWA	S	
(mln EUR, %)	As of 30/09/2019	As of 31/12/2019	COREP CODE
Credit risk (excluding CCR and Securitisations)	6,210	6,305	C 02.00 (r040, c010) -[C 07.00 (r090, c220, s001) + C 07.00 (r110, c220, s001) + C 07.00 (r130, c220, s001) + C 08.01 (r040, c260, s001) + C 08.01 (r050, c260, s001) + C 08.01 (r060, c260, s001) + C 08.01 (r040, c260, s002) + C 08.01 (r050, c260, s002), + C 08.01 (r060, c260, s002)]-[C 02.00 (R220, c010) + C 02.00 (R430, c010)] - C 02.00 (R460, c010)]
Of which the standardised approach	1,142	1,196	C 02.00 (r060, c010)-[C 07.00 (r090, c220, s001) + C 07.00 (r110, c220, s001)+ C 07.00 (r130, c220, s001)]
Of which the foundation IRB (FIRB) approach	2,923	2,921	C 02.00 (R250, c010) - [C 08.01 (r040, c260, s002) + C 08.01 (r050, c260, s002) + C 08.01 (r060, c260, s002)]
Of which the advanced IRB (AIRB) approach	2,042	2,087	C 02.00 (R310, c010) - [C 08.01 (r040, c260, s001) + C 08.01 (r050, c260, s001) + C 08.01 (r060, c260, s001)]
Of which equity IRB	0	0	C 02.00 (R420, c010)
Counterparty credit risk (CCR, excluding CVA)	144	133	C 07.00 (r090, c220, s001) + C 07.00 (r110, c220, s001) + C 07.00 (r130, c220, s001) + C 08.01 (r040, c260, s001) + C 08.01 (r050, c260, s001) + C 08.01 (r060, c260, s001) + C 08.01 (r040, c260, s002) + C 08.01 (r050, c260, s002,) + C 08.01 (r060, c260, s002) + C 02.00 (R460, c010)]
Credit valuation adjustment - CVA	302	288	C 02.00 (R640, c010)
Settlement risk	0	0	C 02.00 (R490, c010)
Securitisation exposures in the banking book (after the cap)	0	0	C 02.00 (R770, c010) + C 02.00 (R220, c010) + C 02.00 (R430, c010)
Position, foreign exchange and commodities risks (Market risk)	0	0	C 02.00 (R520, c010) + C 02.00 (R910, c010)
Of which the standardised approach	0	0	C 02.00 (R530, c010)
Of which IMA	0	0	C 02.00 (R580, c010)
Of which securitisations and resecuritisations in the trading book	0	0	C 19.00_010_610*12.5+C 20.00_010_450*12.5+MAX(C 24.00_010_090,C 24.00_010_100,C 24.00_010_110)*12.5+C 02.00_910_010
Large exposures in the trading book	0	0	C 02.00 (R680, c010)
Operational risk	346	375	C 02.00 (R590, c010)
Of which basic indicator approach	346	375	C 02.00 (R600, c010)
Of which standardised approach	0	0	C 02.00 (R610, c010)
Of which advanced measurement approach	0	0	C 02.00 (R620, c010)
Other risk exposure amounts	19	20	C 02.00 (R630, c010) + C 02.00 (R690, c010) - C 02.00 (R770, c010) - C 02.00 (R910, c010)
Total	7,022	7,121	



	SA				I	Μ								IM					
			VaR <i>(Memorandum item)</i>	<i>Sum item)</i> STRESSED VaR ( <i>Memorandum item</i> ) INCREMENTAL DI AND MIGRATION CAPITAL CHAI		GRATION RISK		E RISKS CAPITAL RGE FOR CTP		VaR <i>(Memorandum item)</i> STRE		STRESSED VaR (Memorandum item)		INCREMENTAL DEFAULT AND ALL PRICE RISKS CAPITAL MIGRATION RISK CHARGE FOR CTP CAPITAL CHARGE					
(mln EUR)	TOTAL RISK EXPOSURE AMOUNT	TOTAL RISK EXPOSURE AMOUNT	MULTIPLICATION FACTOR (mc) x AVERAGE OF PREVIOUS 60 WORKING DAYS (VaRavg)	MULTIPLICATION FACTOR (ms) x AVERAGE OF PREVIOUS 60 WORKING DAYS (SVaRavg)	LATEST AVAILABLE (SVaRt-1)	12 WEEKS AVERAGE MEASURE	LAST MEASURE	FLOOR	2 WEEKS AVERAGE 4EASURE MEASURE	TOTAL RISK EXPOSURE AMOUNT	MULTIPLICATION FACTOR (mc) x AVERAGE OF PREVIOUS 60 WORKING DAYS (VaRavg)	PREVIOUS DAY (VaRt-1)	MULTIPLICATION FACTOR (ms) x AVERAGE OF PREVIOUS 60 WORKING DAYS (SVaRavg)	LATEST AVAILABLE (SVaRt	12 WEEKS AVERAGE MEASURE		FLOOR	12 WEEKS AVERAGE MEASURE LAST MEASURE	TOTAL RISK EXPOSURE AMOUNT
	As of 30/09/2019	As of 31/12/2019			As of 30/	/09/2019								As of 31/12/2019					
Traded Debt Instruments	0	0	0 0	0	0						0	0	0	0					
Of which: General risk	0	0	0 0	0	0						0	0	0	0					
Of which: Specific risk	0	0	0 0	0	0						0	0	0	0					
Equities Of which: General risk	0	0	0 0	0	0						0	0	0	0					
Of which: Specific risk	0	0		0	0								0						
Foreign exchange risk	0	0		0	0						0		0	0					
Commodities risk	0	0	0 0	0	0						0	0	0	0					
Total	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0

Market risk template does not include CIU positions under the particular approach for position risk in CIUs (Articles 348(1), 350 (3) c) and 364 (2) a) CRR), which instead are included in the RWA OV1 template.

## Spring 2020 EU-wide Transparency Exercise

#### Market Risk



Credit Risk - Standardised Approach

Münchener Hypothekenbank EG

			Standardised Approach									
			As of 30/09/2019 As of 31/12/2019									
		Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions			
	(mln EUR, %)	472	470			474	476					
	Central governments or central banks	472	478	2			476	0				
	Regional governments or local authorities Public sector entities	2,824 350	2,837 350	6 2		2,709 273	2,721 273	0				
	Multilateral Development Banks	350 70	550 79	3		273 70	273	3				
	International Organisations	/3	/9	0		0	0	0				
	Institutions	346	346	23		323	323	0				
	Corporates	774	740	695		834	773	720				
	of which: SME	511	466	461		573	499	487				
	Retail	8	5	4		9	8	6				
	of which: SME	0	0	0		0	0	0				
Consolidated data	Secured by mortgages on immovable property	157	151	61		140	136	52				
	of which: SME	83	78	33		58	55	22				
	Exposures in default	0	0	0	0	0	0	0	0			
	Items associated with particularly high risk	84	77	116		75	75	112				
	Covered bonds	0	0	0		0	0	0				
	Claims on institutions and corporates with a ST credit assessment	0	0	0		0	0	0				
	Collective investments undertakings (CIU)	144	144	112		142	142	110				
	Equity	118	118	118		185	185	185				
	Other exposures	4	4	4		4	4	4				
	Standardised Total <sup>2</sup>	5,361	5,331	1,142	7	5,246	5,193	3 1,197	1			

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

 $^{\left( 2\right) }$  Standardised Total does not include the Securitisation position.

Standardise	ed Approach
As of 30/09/2019	As of 31/12/2019

	(mln EUR, %)	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>
	Central governments or central banks	36	43	0		58	60	0	
	Regional governments or local authorities	2,605	2,618	0		2,502	2,514	0	
	Public sector entities	234	234	3		158	158	3	
	Multilateral Development Banks	0	0	0		0	0	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	345	345	22		322	322	0	
	Corporates	100	98	70		96	97	69	
	of which: SME	50	33	32		47	31	31	
	Retail	3	3	2		2	2	2	
GERMANY	of which: SME	0	0	0		0	0	0	
	Secured by mortgages on immovable property	157	151	61		140	136		
	of which: SME	83	78	33		58	55	22	_
	Exposures in default	0	0	0	0	0	0	0	0
	Items associated with particularly high risk	0	0	0		0	0	0	
	Covered bonds	0	0	0		0	0	0	
	Claims on institutions and corporates with a ST credit assessment	0	0	0		0	0	0	
	Collective investments undertakings (CIU)	140	140			138	138	107	
	Equity Other exposures	118	118	118		185	185 0	185	
	Standardised Total <sup>2</sup>		0		0	0	0		1

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).
<sup>(2)</sup> Total value adjustments and provisions per country of counterparty excludes those for securitisation exposures, additional valuation adjustments (AVAs) and other own funds reductions related to the exposures, but includes general credit risk adjustments.

		Standardised Approach									
			As of 30/09/2019 As of 31/12/2019								
		Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>		
SWITZERLAND	(min EUR, %) Central governments or central banks Regional governments or local authorities Public sector entities Multilateral Development Banks International Organisations Institutions Corporates of which: SME Retail of which: SME Secured by mortgages on immovable property of which: SME Exposures in default Items associated with particularly high risk Covered bonds Claims on institutions and corporates with a ST credit assessment Collective investments undertakings (CIU) Equity Other exposures	0 28 0 0 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0				0 28 0 0 0 0 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 28 0 0 0 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0	0 6 0 0 0 0 0 8 0 0 0 0 0 0 0 0 0 0 0 0	0		
1	Standardised Total <sup>2</sup>				0				0		

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

<sup>(2)</sup> Total value adjustments and provisions per country of counterparty excludes those for securitisation exposures, additional valuation adjustments (AVAs) and other own funds reductions related to the exposures, but includes general credit risk adjustments.

			Standardised Approach									
			As of 30/	/09/2019			As of 31,	/12/2019				
		Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>			
	(mln EUR, %)											
	Central governments or central banks	0	0	0		0	0	0				
	Regional governments or local authorities Public sector entities	0	0			0	U	0				
	Multilateral Development Banks	0	0			0	U					
	International Organisations	0	0			0						
	Institutions	0	0			0	0					
	Corporates	0	0			0	0	0				
	of which: SME	0	0	0		0	0	0				
	Retail	0	0	0		0	C	0				
	of which: SME	0	0	0		0	C	0				
LUXEMBOURG	Secured by mortgages on immovable property	0	0	0		0	C	0				
	of which: SME	0	0	0		0	C	0				
	Exposures in default	0	0	0	00	0	C	0				
	Items associated with particularly high risk	0	0	0		0	0	0				
	Covered bonds	0	0	0		0	C	0				
	Claims on institutions and corporates with a ST credit assessment	0	0	0		0	C	0				
	Collective investments undertakings (CIU)	4	4	3		4	4	3				
	Equity	0	0	0		0	0					
	Other exposures	0	0	0		0	0	0				
	Standardised Total <sup>2</sup>	(1)			due to credit conversion factors							

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects). <sup>(2)</sup> Total value adjustments and provisions per country of counterparty excludes those for securitisation exposures, additional valuation adjustments (AVAs) and other own funds reductions related to the

exposures, but includes general credit risk adjustments.



Credit Risk - Standardised Approach

Münchener Hypothekenbank EG

		Standardised Approach									
		As of 30/09/2019 As of 31/12/2019									
		Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>		
	(min EUR, %)	07	07			00	90				
	Central governments or central banks Regional governments or local authorities	97	97 0	0		96	90	ט 1 0			
	Public sector entities	104	104	0		102	102	2 0			
	Multilateral Development Banks	0	0	0		0	(	o o			
	International Organisations	0	0	0		0	(	0 0			
	Institutions Corporates	0	0	0		0	( //	) 21 0			
	of which: SME	0	0	0		د <del>ب</del> 0	т. (	0			
	Retail	0	0	0		0	(				
FRANCE	of which: SME	0	0	0		0	(	0 0			
	Secured by mortgages on immovable property of which: SME	0	0	0		0	(	0			
	Exposures in default	0	0		0	0	(	ט סו סו	0		
	Items associated with particularly high risk	0	0	0	, i i i i i i i i i i i i i i i i i i i	0	(				
	Covered bonds	0	0	0		0	(	0 0			
	Claims on institutions and corporates with a ST credit assessment	0	0	0		0	(	0			
	Collective investments undertakings (CIU) Equity	0	0			0	(	ט ע 1			
	Other exposures	0	0	0		0	(				
	Standardised Total <sup>2</sup>				0				0		

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

<sup>(2)</sup> Total value adjustments and provisions per country of counterparty excludes those for securitisation exposures, additional valuation adjustments (AVAs) and other own funds reductions related to the exposures, but includes general credit risk adjustments.

Standardised Approach								
	As of 30/	09/2019			As of 31/	12/2019		

		Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>
	(mln EUR, %)								
	Central governments or central banks	0	0	0		0	0	0	
	Regional governments or local authorities	0	0	0		0	0	0	
	Public sector entities	0	0	0		0	0	0	
	Multilateral Development Banks	0	0	0		0	0	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	0	0	0		0	0	0	
	Corporates	601	568			660	599	587	
	of which: SME	462	433	429		526	468	457	
	Retail	0	0	0		0	0	0	
UNITED STATES	of which: SME	0	0	0		0	0	0	
UNITED STATES	Secured by mortgages on immovable property	0	0	0		0	0	0	
	of which: SME	0	0	0		0	0	0	
	Exposures in default	0	0	0	0	0	0	0	C
	Items associated with particularly high risk	84	77	116		75	75	112	
	Covered bonds	0	0	0		0	0	0	
	Claims on institutions and corporates with a ST credit assessment	0	0	0		0	0	0	
	Collective investments undertakings (CIU)	0	0	0		0	0	0	
	Equity	0	0	0		0	0	0	
	Other exposures	4	4	4		4	4	4	
	Standardised Total <sup>2</sup>				7				2

(1) Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

(2) Total value adjustments and provisions per country of counterparty excludes those for securitisation exposures, additional valuation adjustments (AVAs) and other own funds reductions related to the exposures, but includes general credit risk adjustments.

		Standardised Approach								
			As of 30,	/09/2019			As of 31	/12/2019		
		Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	
	(min EUR, %)			0		0				
	Central governments or central banks Regional governments or local authorities	0		0		0	(	) 0		
	Public sector entities	0	0	0		0	(	0		
	Multilateral Development Banks	0	0	0		0	(	0		
	International Organisations	0	0	0		0	(	0		
	Institutions	0	0	0		0	(	0		
	Corporates	0	0	0		0	(	0		
	of which: SME	0	0	0		0	(	0		
	Retail	0	0	0		0	(	0		
NETHERLANDS	of which: SME	0	0	0		0	(			
	Secured by mortgages on immovable property of which: SME	0				0				
	Exposures in default	0			0	0	(		0	
	Items associated with particularly high risk	0	0		0	0			0	
	Covered bonds	0		0		0				
	Claims on institutions and corporates with a ST credit assessment	0	0	0		0	(	0		
	Collective investments undertakings (CIU)	0	0	0		0	(	0		
	Equity	0	0	0		0	(	0		
	Other exposures	0	0	0		0		00		
	Standardised Total <sup>2</sup>				0				0	

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects). <sup>(2)</sup> Total value adjustments and provisions per country of counterparty excludes those for securitisation exposures, additional valuation adjustments (AVAs) and other own funds reductions related to the

exposures, but includes general credit risk adjustments.

		Standardised Approach										
			As of 30,	/09/2019		As of 31/12/2019						
		Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>			
	(mln EUR, %)											
	Central governments or central banks	0	C	0		0	(	0				
	Regional governments or local authorities Public sector entities	0	l	0		0						
	Multilateral Development Banks	0	l			0						
	International Organisations	0	( (			0	ſ					
	Institutions	0				0	(					
	Corporates	0	C	0		0	(					
	of which: SME	0	C	0		0	(	0				
_	Retail	0	C	0		0	(	0				
Country of	of which: SME	0	C	0		0	(	0				
Counterpart 7	Secured by mortgages on immovable property	0	C	0		0	(	0				
	of which: SME	0	C	0		0	(	0				
	Exposures in default	0	C	0	0	0	C	0	(			
	Items associated with particularly high risk	0	C	0		0	(	0				
	Covered bonds	0	C	0		0	(	0				
	Claims on institutions and corporates with a ST credit assessment	0	C	0		0	(					
	Collective investments undertakings (CIU)	0				0						
	Equity Other exposures	0	l r			0	ſ					
	Standardised Total <sup>2</sup>	0	L. L		0	0			0			

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

<sup>(2)</sup> Total value adjustments and provisions per country of counterparty excludes those for securitisation exposures, additional valuation adjustments (AVAs) and other own funds reductions related to the exposures, but includes general credit risk adjustments.



Credit Risk - Standardised Approach

Münchener Hypothekenbank EG

					Standardise	d Approach			
			As of 30,	/09/2019			As of 31	/12/2019	
		Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>
	(mln EUR, %)								
Country of Counterpart 8	Central governments or central banks Regional governments or local authorities Public sector entities Multilateral Development Banks International Organisations Institutions Corporates of which: SME Retail of which: SME Secured by mortgages on immovable property					0 0 0 0 0 0 0 0 0 0 0 0		0   0     0   0     0   0     0   0     0   0     0   0     0   0     0   0     0   0     0   0     0   0     0   0     0   0     0   0     0   0	
	of which: SME Exposures in default Items associated with particularly high risk Covered bonds Claims on institutions and corporates with a ST credit assessment Collective investments undertakings (CIU) Equity Other exposures	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 0 0 0 0 0 0 0	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ()))))))	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
	Standardised Total <sup>2</sup>				0				0

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

<sup>(2)</sup> Total value adjustments and provisions per country of counterparty excludes those for securitisation exposures, additional valuation adjustments (AVAs) and other own funds reductions related to the exposures, but includes general credit risk adjustments.

Standardised Approach								
	As of 30/	/09/2019			As of 31/	12/2019		

		Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>
	(mln EUR, %)								
Country of Counterpart 9	Central governments or central banks Regional governments or local authorities Public sector entities Multilateral Development Banks International Organisations Institutions Corporates of which: SME Retail of which: SME Secured by mortgages on immovable property of which: SME Exposures in default Items associated with particularly high risk Covered bonds Claims on institutions and corporates with a ST credit assessment Collective investments undertakings (CIU)				0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0
	Equity Other exposures	0		0		0	0	0	
	Standardised Total <sup>2</sup>				0				0

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).
<sup>(2)</sup> Total value adjustments and provisions per country of counterparty excludes those for securitisation exposures, additional valuation adjustments (AVAs) and other own funds reductions related to the exposures, but includes general credit risk adjustments.

					Standardise	d Approach			
			As of 30	/09/2019			As of 31,	/12/2019	
		Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>	Original Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk exposure amount	Value adjustments and provisions <sup>2</sup>
	(min EUR, %)					0	0	0	
	Central governments or central banks Regional governments or local authorities					0	U		
	Public sector entities					0	0		
	Multilateral Development Banks	0				0	0	0	
	International Organisations	0				0	0	0	
	Institutions	0	(		)	0	0	0	
	Corporates	0	(	0 0		0	0	0	
	of which: SME	0	(	0 0		0	0	0	
Country of	Retail	0	(	0 0		0	0	0	
Country of	of which: SME	0				0	0	0	
Counterpart 10	Secured by mortgages on immovable property of which: SME					0	U	0	
-	Exposures in default				0	0	U		0
	Items associated with particularly high risk					0	0		0
	Covered bonds	0				0	0	0	
	Claims on institutions and corporates with a ST credit assessment	0				0	0	0	
	Collective investments undertakings (CIU)	0	(	0		0	0	0	
	Equity	0	(	0 0		0	0	0	
	Other exposures	0	(	00		0	0	0	
	Standardised Total <sup>2</sup>				0				0

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

<sup>(2)</sup> Total value adjustments and provisions per country of counterparty excludes those for securitisation exposures, additional valuation adjustments (AVAs) and other own funds reductions related to the exposures, but includes general credit risk adjustments.



#### Credit Risk - IRB Approach

#### Münchener Hypothekenbank EG

							IRB A	pproach					
			As of 30/09/2019 As of 31/12/2019										
		Origina	l Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expos	ure amount	Value adjustments	Origina	I Exposure <sup>1</sup>	Exposure	Risk expos	ure amount	Value adjustments
	(mln EUR, %)		Of which: defaulted	- value		Of which: defaulted	and provisions		Of which: defaulted	- Value <sup>1</sup>		Of which: defaulted	and provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	1,007	0	1,000	334	0	0	852	0	850	279	0	0
	Corporates	10,762	27	10,581	2,732	0	21	10,783	90	10,626	2,775	0	20
	Corporates - Of Which: Specialised Lending	468	0	466	86	0	1	642	0	640	141	0	0
	Corporates - Of Which: SME	8,138	27	7,988	2,065	0	17	8,006	90	7,869	2,035	0	17
	Retail	27,584	74	27,584	2,042	242	52	27,910	79	27,910	2,087	260	78
	Retail - Secured on real estate property	27,584	74	27,584	2,042	242	52	27,910	79	27,910	2,087	260	78
Consolidated data	Retail - Secured on real estate property - Of Which: SME	3,654	27	3,654	382	89	13	3,710	29	3,710	399	94	23
	Retail - Secured on real estate property - Of Which: non-SME	23,930	46	23,930	1,660	153	39	24,199	50	24,199	1,688	166	55
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Equity	0	0	0	0	0		0	0	0	0	0	
	Other non credit-obligation assets				103						100		
	IRB Total <sup>2</sup>				5,212						5,241		

Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).
IRB Total does not include the Securitisation position.



		Original	Original Exposure <sup>1</sup>		Risk expo	Risk exposure amount		Original Exposure <sup>1</sup>		Exposure Value <sup>1</sup>	Risk exposure amount		Value adjustments
	(mln EUR, %)		Of which: defaulted	– Value <sup>1</sup>		Of which: defaulted	and provisions		Of which: defaulted	Value		Of which: defaulted	and provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	340	0	340	212	0	0	322	0	322	181	0	0
	Corporates	6,700	14	7,885	1,862	0	10	6,862	22	7,902	1,876	0	9
	Corporates - Of Which: Specialised Lending	113	0	229	38	0	0	242	0	410	67	0	0
	Corporates - Of Which: SME	4,623	14	5,696	1,323	0	8	4,731	22	5,599	1,325	0	8
	Retail	22,705	71	22,705	1,682	235	44	23,011	77	23,011	1,716	253	70
	Retail - Secured on real estate property	22,705	71	22,705	1,682	235	44	23,011	77	23,011	1,716	253	70
	Retail - Secured on real estate property - Of Which: SME	3,518	27	3,518	367	89	12	3,572	29	3,572	383	94	23
GERMANY	Retail - Secured on real estate property - Of Which: non-SME	19,187	44	19,187	1,315	146	32	19,439	48	19,439	1,333	159	47
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

		IRB Approach												
			As of 30/09/2019 As of 31/12/201									019		
		Origin	Original Exposure <sup>1</sup>		Risk exposure amount		Value adjustments	Original Exposure <sup>1</sup>		Exposure	Risk exposure amount		Value adjustments	
	(mln EUR, %)		Of which: defaulted	Value <sup>1</sup>		Of which: defaulted	and provisions		Of which: defaulted	- Value <sup>1</sup>		Of which: defaulted	and provisions	
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0	
	Institutions	2	0	2	1	0	0	2	0	2	0	0	0	
	Corporates	0	0	0	0	0	0	3	0	3	2	0	0	
	Corporates - Of Which: Specialised Lending	0	0	0	0	0	0	0	0	0	0	0	0	
	Corporates - Of Which: SME	0	0	0	0	0	0	3	0	3	2	0	0	
	Retail	4,879	2	4,879	360		8	4,899	2	4,899	371		8	
	Retail - Secured on real estate property	4,879	2	4,879	360	/	8	4,899	2	4,899	371		8	
SWITZERLAND	Retail - Secured on real estate property - Of Which: SME	136		136	15		0	138		138	16			
	Retail - Secured on real estate property - Of Which: non-SME	4,743	2	4,743	345	/		4,761	2	4,761	355		/	
	Retail - Qualifying Revolving Retail - Other Retail	0	0	0	0	0	0	0	0	0	0	0	0	
	Retail - Other Retail - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0	
	Retail - Other Retail - Of Which: non-SME	0	0	0	0		0	0	0	0	0		0	
	Equity	0	0	0	0		0	0	0	0	0		0	
	Other non credit-obligation assets	U U U U U U U U U U U U U U U U U U U		Ŭ	Ű		Ŭ	Ŭ		Ŭ	Ŭ	0	Ť	
	IRB Total													

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

IRB Approach							
As of 30/09/2019	As of 31/12/2019						

		Origina	Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expos	ure amount	Value adjustments and	Original	Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expos	ure amount	Value adjustments
	(mln EUR, %)		Of which: defaulted	Value		Of which: defaulted	provisions		Of which: defaulted	Value		Of which: defaulted	and provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	100	0	100	21	0	0	0	0	0	0	0	0
	Corporates	2,053	0	598	137	0	3	1,876	0	571	164	0	2
	Corporates - Of Which: Specialised Lending	285	0	222	41	0	0	282	0	167	53	0	0
	Corporates - Of Which: SME	1,706	0	361	83	0	2	1,530	0	388	99	0	2
	Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Secured on real estate property	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
LUXEMBOURG	Retail - Secured on real estate property - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

							IRB A	pproach					
				As of 30	/09/2019					As of 31	1/12/2019		
		Origina	al Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expo	sure amount	Value adjustments and	Original	Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expo	sure amount	Value adjustments
	(mln EUR, %)		Of which: defaulted	– value		Of which: defaulted	provisions		Of which: defaulted	- value		Of which: defaulted	and provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	48	0	42	11	0	0	55	0	53	14	0	0
	Corporates	501	13	468	178	0	5	521	13	481	181	0	5
	Corporates - Of Which: Specialised Lending	13	0	13	6	0	0	13	0	13	4	0	0
	Corporates - Of Which: SME	438	13	405	149	0	5	432	13	399	148	0	5
	Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Secured on real estate property	0	0	0	0	0	0	0	0	0	0	0	0
FRANCE	Retail - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
FRANCE	Retail - Secured on real estate property - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).



Credit Risk - IRB Approach

Münchener Hypothekenbank EG

							IRB A	pproach					
				As of 30	/09/2019					As of 3	1/12/2019		
		Origir	al Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expos	sure amount	Value adjustments and	Original	Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expo	sure amount	Value adjustments
	(mln EUR, %)		Of which: defaulted	- value		Of which: defaulted	provisions		Of which: defaulted	- value		Of which: defaulted	and provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	7	0	7	3	0	0	9	0	9	3	0	0
	Corporates	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates - Of Which: Specialised Lending	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Secured on real estate property	0	0	0	0	0	0	0	0	0	0	0	0
UNITED STATES	Retail - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
UNITED STATES	Retail - Secured on real estate property - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

							IRB A	pproach						
				As of 30	/09/2019					As of 31	/12/2019	.2/2019		
		Origir	al Exposure <sup>1</sup>	Exposure	Risk expos	sure amount	Value adjustments	Original	Exposure <sup>1</sup>	Exposure	Risk expo	osure amount	Value adjustments	
	(mln EUR, %)		Of which: defaulted	– Value <sup>1</sup>		Of which: defaulted	and provisions		Of which: defaulted	- Value <sup>1</sup>		Of which: defaulted	and provisions	
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0	
	Institutions	4	0	4	1	0	0	2	0	2	1	0	0	
	Corporates	655	0	534	163	0	1	605	27	505	152	0	1	
	Corporates - Of Which: Specialised Lending	57	0	2	1	0	0	57	0	2	1	0	0	
	Corporates - Of Which: SME	535	0	463	136	0	1	485	27	426	123	0	1	
	Retail	0	0	0	0	0	0	0	0	0	0	0	0	
	Retail - Secured on real estate property	0	0	0	0	0	0	0	0	0	0	0	0	
	Retail - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0	
NETHERLANDS	Retail - Secured on real estate property - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0	
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0	
	Retail - Other Retail	0	0	0	0	0	0	0	0	0	0	0	0	
	Retail - Other Retail - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0	
	Retail - Other Retail - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0	
	Equity	0	0	0	0	0	0	0	0	0	0	0	0	
	Other non credit-obligation assets													
	IRB Total													

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

							IRB A	pproach					
				As of 30	/09/2019					As of 31	/12/2019		
		Origin	al Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expo	sure amount	Value adjustments	Original	Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expo	sure amount	Value adjustments
	(mln EUR, %)		Of which: defaulted	- value		Of which: defaulted	and provisions		Of which: defaulted	- value <sup>-</sup>		Of which: defaulted	and provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates - Of Which: Specialised Lending	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Secured on real estate property	0	0	0	0	0	0	0	0	0	0	0	0
Country of Counterpart 7	Retail - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
Country of Counterpart /	Retail - Secured on real estate property - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

								pproach					
			As of 30/09/2019							As of 31	1/12/2019		
		Origin	Original Exposure <sup>1</sup> Exposure Value <sup>1</sup> Risk exposure amount adjustments and						Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expos	sure amount	Value adjustments
	(mln EUR, %)		Of which: defaulted	Value		Of which: defaulted	provisions		Of which: defaulted	Value		Of which: defaulted	and provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates - Of Which: Specialised Lending	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Secured on real estate property	0	0	0	0		0	0		0	0	0	0
Country of Counterpart 8	Retail - Secured on real estate property - Of Which: SME Retail - Secured on real estate property - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	0	0	0	0		0	0		0	0		0
	Retail - Other Retail - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

							IRB A	pproach					
				As of 30	/09/2019					As of 31	L/12/2019		
		Origina	l Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expos	ure amount	Value adjustments and	Original	Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expo	osure amount	Value adjustments
	(mln EUR, %)		Of which: defaulted	value		Of which: defaulted	provisions		Of which: defaulted	value		Of which: defaulted	and provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates - Of Which: Specialised Lending	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Secured on real estate property	0	0	0	0	0	0	0	0	0	0	0	0
Country of Counterpart 0	Retail - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
Country of Counterpart 9	Retail - Secured on real estate property - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: non-SME	0	0	0	0	0	0	0	0	0	0	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).

							IRB A	pproach					
				As of 30	/09/2019					As of 3	1/12/2019		
		Origir	al Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expos	sure amount	Value adjustments	Original	Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expo	sure amount	Value adjustments
	(mln EUR, %)		Of which: defaulted	– value		Of which: defaulted	and provisions		Of which: defaulted	value		Of which: defaulted	and provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates - Of Which: Specialised Lending	0	0	0	0	0	0	0	0	0	0	0	0
	Corporates - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Secured on real estate property	0	0	0	0	0	0	0	0	0	0	0	0
Country of Counterpart 10	Retail - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0		0	0	0	0
	Retail - Secured on real estate property - Of Which: non-SME	0	0	0	0	0	0	0		0	0	0	0
	Retail - Qualifying Revolving Retail - Other Retail	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail - Of Which: SME	0	0	0	0		0	0		0	0	0	0
	Retail - Other Retail - Of Which: non-SME	0	Ő	0	0	0	ő	0	l õ	0	0	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												

<sup>(1)</sup> Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation techniques (e.g. substitution effects).



	(mln EUR)			On balance
Residual Maturity	Country / Region	Total gross carrying amount of non- derivative financial assets	Total carrying amount of non-derivative financial assets (net of short positions)	of which: Financial asset held for trading
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Austria	0 0 0 0 12 60 104 <b>175</b>	0 0 0 0 12 60 104 <b>175</b>	
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Belgium	0 50 0 26 16 0 <b>92</b>	0 50 0 26 16 0 <b>92</b>	
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Bulgaria			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Cyprus			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Czech Republic	0 0 33 0 0 0 0 33 3 3 3 3	0 0 33 0 0 0 0 33	
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Denmark			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Estonia			

General governments exposures by country of the counterparty

			As of 31/12/2019				
		Direc	ct exposures				
e st	neet				Derivat	tives	
				Derivatives with pos	sitive fair value	Derivatives with	negative fa
ets	of which: Financial assets designated at fair value through profit or loss	of which: Financial assets at fair value through other comprehensive income	of which: Financial assets at amortised cost	Carrying amount	Notional amount	Carrying amount	Notiona
0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	
0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	
0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	
0	0	0	0	0	0	0	

	Off balar	nce sheet	
	Off-balance sl	neet exposures	
air value			
			Risk weighted exposure amount
	Nominal	Provisions	
al amount			
0	0	0	
0 0 0	0 0 0	0 0 0	
0 0 0 0	0 0 0 0	0 0 0 0	0
0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0	
0 0 0 0	0 0 0 0	0 0 0 0	0
0	0	0	
0 0 0 0	0 0 0 0	0 0 0 0 0	
0 0 <b>0</b>	0 0 0 0	0 0 0	0



	(mln EUR)			On balance
Residual Maturity	Country / Region	Total gross carrying amount of non- derivative financial assets	Total carrying amount of non-derivative financial assets (net of short positions)	of which: Financial asset held for trading
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Finland	0 0 0 25 82 0 <b>108</b>	0 0 0 25 82 0 <b>108</b>	
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	France	0 0 25 76 96 0 <b>198</b>	0 0 25 76 96 0 <b>198</b>	
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Germany	1 105 121 109 255 483 1,464 <b>2,538</b>	1 105 121 109 255 483 1,464 <b>2,538</b>	
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Croatia			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Greece			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Hungary			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Ireland			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Italy			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Latvia			

General governments exposures by country of the counterparty

			As of 31/12/2019	)			
		Dire	ct exposures				
e sl	neet				Deriva	tives	
				Derivatives with pos	itive fair value	Derivatives with	negative fa
ets	of which: Financial assets designated at fair value through profit or loss	of which: Financial assets at fair value through other comprehensive income	of which: Financial assets at amortised cost	Carrying amount	Notional amount	Carrying amount	Notiona
0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	
0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	
0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 39 <b>39</b>	0 0 0 0 0 0 0 0 0	

	Off balar	nce sheet	
	Off-balance sł	neet exposures	
air value			
			Risk weighted
			exposure amount
	Nominal	Provisions	
al amount			
0 0	0 0	0 0	
0 0 0	0 0 0	0 0 0	
0 0 0	0 0 0	0 0 0	0
	0 0 0		
0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 0 0	
0		0	0
0 0 0	<b>0</b> 0 0 0	0 0 0 0 0 0 0	
25 0 0 0 0 0 0 25	0 0 0 <b>0</b>	0 0 0	3
20			



	(mln EUR)			On balance
Residual Maturity	Country / Region	Total gross carrying amount of non- derivative financial assets	Total carrying amount of non-derivative financial assets (net of short positions)	of which: Financial asset held for trading
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Lithuania			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Luxembourg			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Malta			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Netherlands			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Poland			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Portugal	0 0 0 0 0 50 0 50 0	0 0 0 0 50 0 <b>50</b> 0	
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Romania			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Slovakia			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Slovenia			

General governments exposures by country of the counterparty

			As of 31/12/2019	)			
		Direc	ct exposures				
e sl	heet				Deriva	tives	
				Derivatives with pos	itive fair value	Derivatives with	negative fa
ts	of which: Financial assets designated at fair value through profit or loss	of which: Financial assets at fair value through other comprehensive income	of which: Financial assets at amortised cost	Carrying amount	Notional amount	Carrying amount	Notiona
0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	
				-		-	

	Off balar	nce sheet					
air value	Off-balance sr	neet exposures					
			Risk weighted exposure amount				
	Nominal	Provisions					
al amount	Nomina	FICUISIONS					
0 0	0	0 0 0					
0 0 0	0 0 0	0 0 0					
0 0	0 0	0 0	0				



	(mln EUR)			On balance
Residual Maturity	Country / Region	Total gross carrying amount of non- derivative financial assets	Total carrying amount of non-derivative financial assets (net of short positions)	of which: Financial asset held for trading
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Spain	0 0 40 0 0 0 0 0 <b>40</b>	0 0 40 0 0 0 40	
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Sweden			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	United Kingdom			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Iceland			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Liechtenstein			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Norway			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Australia			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Canada			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Hong Kong			

General governments exposures by country of the counterparty

			As of 31/12/2019	)			
		Direc	ct exposures				
e sl	heet				Deriva	tives	
				Derivatives with pos	itive fair value	Derivatives with	negative f
ets	of which: Financial assets designated at fair value through profit or loss	of which: Financial assets at fair value through other comprehensive income	of which: Financial assets at amortised cost	Carrying amount	Notional amount	Carrying amount	Notiona
0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	

	Off balar	nce sheet					
	Off-balance st	neet exposures					
air value							
			Risk weighted				
			exposure amount				
	Nominal	Provisions					
al amount							
0 0	0	0					
0 0 0 0	0 0 0 0	0 0 0 0					
0 0 0	0 0	0 0 <b>0</b>	0				



	(mln EUR)		On balance		
Residual Maturity	Country / Region	Total gross carrying amount of non- derivative financial assets	Total carrying amount of non-derivative financial assets (net of short positions)	of which: Financial asset held for trading	
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Japan				
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	U.S.				
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	China				
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Switzerland	0 28 0 0 0 0 0 0 28	0 28 0 0 0 0 0 0 28		
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Other advanced economies non EEA				
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Other Central and eastern Europe countries non EEA				
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Middle East				
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Latin America and the Caribbean				

General governments exposures by country of the counterparty

			As of 31/12/2019	)					
	Direct exposures								
e sł	heet				Derivat	tives			
				Derivatives with positive fair value		Derivatives with negative f			
ts	of which: Financial assets designated at fair value through profit or loss	of which: Financial assets at fair value through other comprehensive income	of which: Financial assets at amortised cost	Carrying amount	Notional amount	Carrying amount	Notiona		
	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0			
0	0	0	0	0	0	0			

	Off balar	nce sheet					
	Off-balance sł	neet exposures					
air value							
			Risk weighted exposure amount				
	Nominal	Provisions					
al amount	Nominai	FIOVISIONS					
0	0	0					
0 0 0	0 0 0	0 0 0					
0 0 0 0	0 0 0 <b>0</b>	0 0 0 <b>0</b>	6				
0							



				<u> </u>
	(mln EUR)			On balance
Residual Maturity	Country / Region	Total gross carrying amount of non- derivative financial assets	Total carrying amount of non-derivative financial assets (net of short positions)	of which: Financial asset held for trading
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Africa			
[ 0 - 3M [ [ 3M - 1Y [ [ 1Y - 2Y [ [ 2Y - 3Y [ [ 3Y - 5Y [ [ 5Y - 10Y [ [ 10Y - more Total	Others			

Notes and definitions

Information disclosed in this template is sourced from COREP template C 33, introduced with the reporting framework 2.7, applicable for reports as of 31 march 2018. (1) Information on sovereign exposures is only available for institutions that have sovereign exposures of at least 1% of total "Debt securities and loans receivables". Country of breakdown is only available for institutions that have sovereign exposures of 10% or more compared to total sovereign exposures. Where the latter threshold is not met, information is disclosed through the aggregate "Others".

(2) The exposures reported cover only exposures to central, regional and local governments on immediate borrower basis, and do not include exposures to other counterparts with full or partial government guarantees (3) The banks disclose the exposures in the "Financial assets held for trading" portfolio after offsetting the cash short positions having the same maturities.

(4) The exposures reported include the positions towards counterparts (other than sovereign) on sovereign credit risk (i.e. CDS, financial guarantees) booked in all the accounting portfolio (on-off balance sheet). Irrespective of the denomination and or accounting classification of the positions the economic substance over the form must be used as a criteria for the identification of the exposures to be included in this column. This item does not include exposures to counterparts (other than sovereign) with full or partial government guarantees by central, regional and local governments (5) Residual countries not reported separately in the Transparency exercise

Regions:

Other advanced non EEA: Israel, Korea, New Zealand, Russia, San Marino, Singapore and Taiwan.

Other CEE non EEA: Albania, Bosnia and Herzegovina, FYR Macedonia, Montenegro, Serbia and Turkey.

Middle East: Bahrain, Djibouti, Iran, Iraq, Jordan, Kuwait, Lebanon, Libya, Oman, Qatar, Saudi Arabia, Sudan, Syria, United Arab Emirates and Yemen. Martinique, Puerto Rico, Saint Barthélemy, Turks And Caicos Islands, Virgin Islands (British), Virgin Islands (U.S.).

Africa: Algeria, Egypt, Morocco, South Africa, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, The Democratic Republic, Chad, Sao Tome And Principe, Senegal, Seychelles, Sierra Leone, South Sudan, Swaziland, Tanzania, United Republic Of, Togo, Uganda, Zambia, Zimbabwe and Tunisia. (6) The columns 'Total carrying amount of non-derivative financial assets (net of short positions)' provide information on a net basis, whilst the related 'of which' positions present information on a gross basis.

#### Spring 2020 EU-wide Transparency Exercise

General governments exposures by country of the counterparty

Münchener Hypothekenbank EG

			As of 31/12/2019				
		Direc	t exposures				
e s	heet			Derivatives			
				Derivatives with pos	sitive fair value	Derivatives with	negative fa
ts	of which: Financial assets designated at fair value through profit or loss	of which: Financial assets at fair value through other comprehensive income	of which: Financial assets at amortised cost	Carrying amount	Notional amount	Carrying amount	Notiona

Latin America: Argentina, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominica, Dominica, Costa Rica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guadeloupe,

	Off balar		
	Off-balance sl		
air value			
			Risk weighted exposure amount
al amount	Nominal	Provisions	