

Bank Name	Deutsche Zentral-Genossenschaftsbank AG
LEI Code	529900HNOAA1KXQJUQ27
Country Code	DE



Capital Deutsche Zentral-Genossenschaftsbank AG

		(min EUR. %)	As of 31/12/2016	As of 30/06/2017	COREP CODE	REGULATION
	A	OWN FUNDS	22,066	22,290	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)	17,155	17,461	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)	9,562	10,478	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	6,648	5,897	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	1,152	984	C 01.00 (r180,c010)	Articles 4(100), 26(1) point (d) and 36 (1) point (l) of CRR
	A.1.4	Other Reserves	677	988	C 01.00 (r200,c010)	Articles 4(117) and 26(1) point (e) of CRR
	A.1.5	Funds for general banking risk	0	0	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	192	160	C 01.00 (r230,c010)	Article 84 of CRR
	A.1.7	Adjustments to CET1 due to prudential filters	-301	-303	C 01.00 (r250,c010)	Articles 32 to 35 of and 36 (1) point (I) of CRR
	A.1.8	(-) Intangible assets (including Goodwill)	-642	-635	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	-41	-12	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	-6	-128	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	-3	-3	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) (v) 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 $% \left( $
	A.1.15	(-) Holdings of CET1 capital instruments of financial sector entities where the institution 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
OWN FUNDS Transitional period	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 institution 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
	A.1.18	(-) Amount exceding the 17.65% threshold	0	0	C 01.00 (r510,c010)	Article 48 of CRR
	A.1.19	(-) Additional deductions of CET1 Capital due to Article 3 CRR	0	0	C 01.00 (r524,c010)	Article 3 CRR
	A.1.20	CET1 capital elements or deductions - other	-47	-11	C 01.00 (r529,c010)	
	A.1.21	Transitional adjustments	-36	47	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 (+/-)	126	79	C 01.00 (r240,c010)	Articles 479 and 480 of CRR
	A.1.21.3	Other transitional adjustments to CET1 Capital (+/-)	-162	-32	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)	1,835	1,797	C 01.00 (r530,c010)	Article 61 of CRR
	A.2.1	Additional Tier 1 Capital instruments	685	710	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	1,150	1,087	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)	18,989	19,258	C 01.00 (r015,c010)	Article 25 of CRR
	A.4	TIER 2 CAPITAL (net of deductions and after transitional adjustments)	3,077	3,033	C 01.00 (r750,c010)	Article 71 of CBR
	A.4.1	Tier 2 Capital instruments	4,001	3,739	C 01.00 (r760,c010) + C 01.00 (r890,c010)	
	A.4.2	Other Tier 2 Capital components and deductions	406	514	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	-1,330	-1,220	C 01.00 (r880,c010) + C 01.00 (r900,c010) + C 01.00 (r960,c010)	
OWN FUNDS	в	TOTAL RISK EXPOSURE AMOUNT	118,462	133,681	C 02.00 (r010,c010)	Articles 92(3), 95, 96 and 98 of CRR
REQUIREMENTS	B.1	Of which: Transitional adjustments included	0	-352	C 05.01 (r010;c040)	
	C.1	COMMON EQUITY TIER 1 CAPITAL RATIO (transitional period)	14.48%	13.06%	CA3 (1)	-
CAPITAL RATIOS (%) Transitional period	C.2	TIER 1 CAPITAL RATIO (transitional period)	16.03%	14.41%	CA3 (3)	
	C.3	TOTAL CAPITAL RATIO (transitional period)	18.63%	16.67%	CA3 (5)	-
CET1 Capital Fully loaded	D	COMMON EQUITY TIER 1 CAPITAL (fully loaded)	17,190	17,414	[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)]	
CET1 RATIO (%) Fully loaded <sup>1</sup>	E	COMMON EQUITY TIER 1 CAPITAL RATIO (fully loaded)	14.51%	12.99%	[D.1]/[B-B.1]	-
	ation based	on the formulae stated in column "COREP CODE"				

Fully loaded CET1 capital ratio estimation based on the formulae stated in column "COREP CODE"



## Leverage ratio

Deutsche Zentral-Genossenschaftsbank AG

	(mln EUR, %)	As of 31/12/2016	As of 30/06/2017	COREP CODE	REGULATION
A.1	Tier 1 capital - transitional definition	18,989	19,258	C 47.00 (r320,c010)	
A.2	Tier 1 capital - fully phased-in definition	17,876	18,122	C 47.00 (r310,c010)	
B.1	Total leverage ratio exposures - using a transitional definition of Tier 1 capital	434,893	441,387	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	435,313	441,371	C 47.00 (r290,c010)	CRR
C.1	Leverage ratio - using a transitional definition of Tier 1 capital	4.4%	4.4%	C 47.00 (r340,c010)	
C.2	Leverage ratio - using a fully phased-in definition of Tier 1 capital	4.1%	4.1%	C 47.00 (r330,c010)	



## **Risk exposure amounts**

Deutsche Zentral-Genossenschaftsbank AG

(mln EUR)	As of 31/12/2016	as of 30/06/2017
Risk exposure amounts for credit risk	100,269	114,224
Risk exposure amount for securitisation and re-securitisations in the banking book	7,615	6,409
Risk exposure amount for contributions to the default fund of a CCP	228	206
Risk exposure amount Other credit risk	92,427	107,608
Risk exposure amount for position, foreign exchange and commodities (Market risk)	6,381	6,849
of which: Risk exposure amount for securitisation and re-securitisations in the trading book <sup>1</sup>	137	59
Risk exposure amount for Credit Valuation Adjustment	1,641	1,525
Risk exposure amount for operational risk	10,169	10,284
Other risk exposure amounts	2	800
Total Risk Exposure Amount	118,462	133,681

<sup>(1)</sup> May include hedges, which are not securitisation positions, as per Article 338.3 of CRR



Deutsche Zentral-Genossenschaftsbank AG

(min EUR)	As of 31/12/2016	As of 30/06/2017
Interest income	12,108	6,532
Of which debt securities income	648	359
Of which loans and advances income	5,771	3,068
Interest expenses	9,366	5,030
(Of which deposits expenses)	3,223	1,616
(Of which debt securities issued expenses)	681	327
(Expenses on share capital repayable on demand)	3	2
Dividend income	78	7
Net Fee and commission income	1,981	1,137
Gains or (-) losses on derecognition of financial assets and liabilities not measured at fair value through profit or loss, and of non financia assets, net	99	86
Gains or (-) losses on financial assets and liabilities held for trading, net	256	60
Gains or (-) losses on financial assets and liabilities designated at fair value through profit or loss, net	213	100
Gains or (-) losses from hedge accounting, net	-15	-12
Exchange differences [gain or (-) loss], net	254	145
Net other operating income /(expenses)	554	35
TOTAL OPERATING INCOME, NET	6,160	3,058
(Administrative expenses)	3,584	1,920
(Depreciation)	182	99
(Provisions or (-) reversal of provisions)	147	-30
(Commitments and guarantees given)	45	-25
(Other provisions)	102	-5
Of which pending legal issues and tax litigation <sup>1</sup>	-47	
Of which restructuring <sup>1</sup>	13	
(Impairment or (-) reversal of impairment on financial assets not measured at fair value through profit or loss)	520	438
(Loans and receivables)	536	437
(Held to maturity investments, AFS assets and financial assets measured at cost)	-15	1
(Impairment or (-) reversal of impairment of investments in subsidaries, joint ventures and associates and on non-financial assets)	16	-5
(of which Goodwill)	0	0
Negative goodwill recognised in profit or loss	159	0
Share of the profit or (-) loss of investments in subsidaries, joint ventures and associates	463	223
Profit or (-) loss from non-current assets and disposal groups classified as held for sale not qualifying as discontinued operations	8	0
PROFIT OR (-) LOSS BEFORE TAX FROM CONTINUING OPERATIONS	2,341	860
PROFIT OR (-) LOSS AFTER TAX FROM CONTINUING OPERATIONS	1,766	449
Profit or (-) loss after tax from discontinued operations	0	0
PROFIT OR (-) LOSS FOR THE YEAR	1,766	449
Of which attributable to owners of the parent	1,698	437

<sup>(1)</sup> Information available only as of end of the year

EBA EUROPEAN BANKING AJTHORITY

# 2017 EU-wide Transparency Exercise Market Risk

#### Deutsche Zentral-Genossenschaftsbank AG

	S	A				1	IM										IM					
	As of 31/12/2016	As of 30/06/2017				As of 31	/12/2016						As of 30/06/2017									
		TOTAL RISK TOTAL RISK		dum item)	STRESSED VaR (M item)	STRESSED VaR (Memorandum DEFA item) MIGRA		IENTAL LT AND ON RISK CHARGE		RICE RISKS			VaR <i>(Memoran</i>	dum item)	STRESSED VaR (Mo item)	emorandum	INCREMENTAL DEFAULT AND MIGRATION RISK CAPITAL CHARGE			RICE RISKS HARGE FOR		
(min EUR)	TOTAL RISK EXPOSURE AMOUNT	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-1)		LAST MEASURE	FLOOR	12 WEEKS AVERAGE MEASURE	LAST 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-1)	12 WEEKS AVERAGE MEASURE	LAST MEASURE	FLOOR	12 WEEKS AVERAGE MEASURE	LAST MEASURE	TOTAL RISK EXPOSURE AMOUNT
Traded Debt Instruments	310	97	46	13	269	65							34	6	297	90						
Of which: General risk	1	1	36	11	257	61							35	6	290	83						
Of which: Specific risk	308	96	14	3	70	24							8	2	59	7						
Equities	1	0	29	10	67	18							33	6	106	22						
Of which: General risk	0	0	13	6	52	14							16	1	89	17						
Of which: Specific risk	0	0	16	4	16	4							17	5	17	5						
Foreign exchange risk	1,222	1,374	34	8	72	23							24	6	102	31						
Commodities risk Total	15 1,547	12 1.483	67	1	223	56	92	86	0	0	0	4.780	2 56	1	276	87	94	81	0	0	0	5,327



Credit Risk - Standardised Approach

Deutsche Zentral-Genossenschaftsbank AG

			Standardised Approach											
			As of 31	/12/2016			As of 30	/06/2017						
	(min EUR. %)	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 an provisions					
	Central governments or central banks	30.539	32.345	1.980		38.078	39,407	1.763						
	Regional governments or local authorities	46,297	46.581	255		43,689	43,776	228						
	Public sector entities	13,676	13,607	89		11.798	11,249	104						
	Multilateral Development Banks	582	582	0		447	447	0						
	International Organisations	1.184	1.184	ō		922	922	ō						
	Institutions	93,294	77.425	420		95.830	80,455	815						
	Corporates	16,063	10,376	9,156		15,457	10,470	9,198						
	of which: SME	2,083	1,666	1,643		2,247	1,869	1,840						
	Retail	6,091	3,782	2,470		6,831	4,049	2,664						
	of which: SME	1.294	1.256	718		1.263	1.201	686						
Consolidated data	Secured by mortgages on immovable property	2,382	2,258	1,110		5,602	5,399	2,546						
	of which: SME	176	173	76		2.707	2.635	1.218						
	Exposures in default	768	224	278	530	668	202	248	451					
	Items associated with particularly high risk	408	280	420		1.053	747	1.121						
	Covered bonds	374	374	63		185	185	40						
	Claims on institutions and corporates with a ST credit assessment	6	6	1		6	6	0						
	Collective investments undertakings (CIU)	2,308	2,308	1,525		2,346	2,346	1,753						
	Eauity	5.715	5.684	6.173		517	517	1.017						
	Securitisation	3,424	3,286	4,365		2,578	2,549	3,382						
	Other exposures	568	568	1,553		553	553	1,444						
	Standardised Total	223,681	200,870	29,856	807	226,559	203,278	26,323	654					

			Standardised Approach										
			As of 31/12/2016 As of 30/06/2017										
		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, %)												
	Central governments or central banks	19,841	21,191	1,936		27,252	28,646	1,725					
	Regional governments or local authorities	43.182	43.390	3		40.759	40.770	1					
	Public sector entities	12,984	12,889	76		10,843	10,740	47					
	Multilateral Development Banks	0	0	0		0	0	0					
	International Organisations	0	0	0		0	0	0					
	Institutions	92,065	76,205	151		92,708	77,312	160					
	Corporates	10,408	5,947	5,295		10,643	6,665	5,984					
	of which: SME	2,030	1,630	1,607		2,141	1,816	1,787					
	Retail	4,725	2,362	1,547		5,229	2,402	1,587					
	of which: SME	1,285	1,256	718		1,255	1,200	686					
GERMANY	Secured by mortgages on immovable property	956	937	634		3,986	3,905	1,987					
	of which: SME	175	173	76		2,514	2,461	1,137					
	Exposures in default	506	115	136	382	489	115	135	344				
	Items associated with particularly high risk	338	210	316		992	687	1,030					
	Covered bonds	20	20	4		28	28	8					
	Claims on institutions and corporates with a ST credit assessment	6	6	0		6	6	0					
	Collective investments undertakings (CIU)	267	267	154		305	305	194					
	Equity	5,655	5,623	6,112		245	245	525					
	Securitisation												
	Other exposures	393	393	1,069		374	374	1,027					
	Standardised Total <sup>2</sup>				499				458				

Porpinal exposure, unitie 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 does not include Securistization exposures

					Standardise	d Approach			
		As of 31/12/2016 As of 30/06/2017							
		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, %)								
	Central governments or central banks	0	0	0		0	0	0	
	Regional governments or local authorities	257	257	108		237	237	100	
	Public sector entities	0	0	0		0	0	0	
	Multilateral Development Banks	22	22	0		13	13	0	
	International Organisations Institutions	0	0	0 36		0 111	0	0 24	
		476	471	436		409	390	361	
	Corporates of which: SME	4/6	4/1	436		409	390	361	
	or which: SME	2	2	0		2	1	1	
	of which: SME	2	0	0		2	0	0	
UNITED STATES	Secured by mortgages on immovable property	0	0	0		0	0	0	
UNITED STATES	of which: SME	0	0	0		0	0	0	
	Exposures in default	22	18	27	4	21	16	25	4
	Items associated with particularly high risk	0	10	0		0	10	25	
	Covered bonds	0	0	ő		0	0	0	
	Claims on institutions and corporates with a ST credit assessment	0	0	0 0		0	0	0	
	Collective investments undertakings (CIU)	236	236	135		175	175	108	
	Equity	32	32	32		41	41	44	
	Securitisation	52		52		14			
	Other exposures	0	0	0		0	0	0	
	Standardized Total <sup>2</sup>			1	4				E

Standardised Total
 <sup>10</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 does not include Securistization exposures

					Standardise	d Approach			
			As of 31	/12/2016			As of 30	/06/2017	
	(min 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	224	224	0		1.866	1.871	0	
	Regional governments or local authorities	0	0	0		-,	0	0	
	Public sector entities	ō	ō	ō		ō	ō	ō	
	Multilateral Development Banks	0	0	0		0	0	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	641	641	128		2.247	2.247	450	
	Corporates	1,587	1,370	1,138		755	600	322	
	of which: SME	5	5	5		3	3	3	
	Retail	2	2	1		2	2	1	
	of which: SME	0	0	0		0	0	0	
UNITED KINGDOM	Secured by mortgages on immovable property	32	32	11		34	34	12	
	of which: SME	0	0	0		4	4	1	
	Exposures in default	3	1	1	2	0	0	0	0
	Items associated with particularly high risk	0	0	0		0	0	0	
	Covered bonds	32	32	6		32	32	6	
	Claims on institutions and corporates with a ST credit assessment	0	0	0		0	0	0	
	Collective investments undertakings (CIU)	267	267	172		275	275	191	
	Equity	0	0	0		0	0	0	
	Securitisation								
	Other exposures	0	0	0		0	0	0	
1	Standardised Total <sup>2</sup>				3				1

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 Original exposure, unlike Exposure salue, 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 does not include Securistization exposures



Credit Risk - Standardised Approach Deutsche Zentral-Genossenschaftsbank AG

		Deutsche Zeitung-Genossenschnätsbahk AG											
		Standardised Approach											
		As of 31/12/2016 As of 30/06/2017											
	(min 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	254	254	0		286	286	0					
	Regional governments or local authorities	258	258	52		237	237	47					
	Public sector entities	0	0	0		0	0	0					
	Multilateral Development Banks	ō	ō	ō		ō	ō	ō					
	International Organisations	0	0	0		0	0	0					
	Institutions	128	127	33		446	444	96					
	Corporates	60	33	32		59	35	33					
	of which: SME	0	0	0		0	0	0					
	Retail	6	6	4		6	6	4					
	of which: SME	0	0	0		0	0	0					
SWITZERLAND	Secured by mortgages on immovable property	0	0	0		41	21	10					
	of which: SME	0	0	0		41	21	10					
	Exposures in default	1	1	1	0	1	0	0	0				
	Items associated with particularly high risk	50	50	75		50	50	75					
	Covered bonds	0	0	0		20	20	4					
	Claims on institutions and corporates with a ST credit assessment	0	0	0		0	0	0					
	Collective investments undertakings (CIU)	78	78	51		42	42	37					
	Equity	2	2	2		2	2	2					
	Securitisation		26	40		20	20	45					
	Other exposures	26	26	18		29	29	15					
	Standardised Total <sup>2</sup>				0				0				

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 Contrar value adjustments and provisions per country of countenparty does not include Securistisation exposure

					Standardise	ed Approach			
			As of 31	/12/2016			As of 30	/06/2017	
	(min 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	616	706	0		683	754	0	
	Regional governments or local authorities	010	0	0		005	, , , ,	0	
	Public sector entities	491	449	ő		215	215	0	
	Multilateral Development Banks		0	0		0	0	0	
	International Organisations	0	ő	ő		ő	ő	0	
	Institutions	0	0	0		3	3	1	
	Corporates	162	156	118		178	173	133	
	of which: SME	0	0	0		0	0	0	
	Retail	3	3	2		3	3	2	
	of which: SME	0	0	0		0	0	0	
FRANCE	Secured by mortgages on immovable property	0	0	0		0	0	0	
	of which: SME	0	0	0		0	0	0	
	Exposures in default	1	1	1	0	1	1	1	0
	Items associated with particularly high risk	0	0	0		0	0	0	
	Covered bonds	15	15	3		14	14	3	
	Claims on institutions and corporates with a ST credit assessment	0	0	0		0	0	0	
	Collective investments undertakings (CIU)	353	353	239		353	353	259	
	Equity	0	0	0		0	0	0	
	Securitisation								
	Other exposures	0	0	0		0	0	0	
	Standardised Total <sup>2</sup>				0				0

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					Standardise	d Approach			
			As of 31	/12/2016			As of 30	/06/2017	
		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 a provisions <sup>2</sup>
	(min EUR, %)								
	Central governments or central banks	1.960	1.960	0		512	512	0	
	Regional governments or local authorities	0	0	0		0	0	0	
	Public sector entities	0	0	0		0	0	0	
	Multilateral Development Banks	24	24	0		24	24	0	
	International Organisations	99	99	0		10	10	0	
	Institutions	11	11	2		9	10	2	
	Corporates	935	879	815		1,166	1,040	1,001	
	of which: SME	0	0	0		6	6	6	
	Retail	1	1	1		1	1	1	
	of which: SME	0	0	0		0	0	0	
UXEMBOURG	Secured by mortgages on immovable property	27	27	17		139	139	73	
	of which: SME	0	0	0		94	94	47	
	Exposures in default	4	0	0	0	4	0	0	0
	Items associated with particularly high risk Covered bonds	19	19	29		11	11	16	
		20	20	4		20	20	4	
	Claims on institutions and corporates with a ST credit assessment	0	0	0 47		0	0	0 67	
	Collective investments undertakings (CIU)	77	77			89	89	67	
	Equity Securitisation	0	0	0		0	0	0	
		43	43	359		40	40	291	
	Other exposures	45	45	339		40	40	291	
	Standardised Total <sup>2</sup> ure value, is reported before taking into account any effect due to credit conversion factors or cr				0				4

					Standardise	ed Approach			
			As of 31	/12/2016			As of 30	/06/2017	
		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 an provisions <sup>2</sup>
	(min EUR, %)								
	Central governments or central banks	407	497	0		35	133	0	
	Regional governments or local authorities	0	0	0		0	0	0	
	Public sector entities	0	23	0		0	0	0	
	Multilateral Development Banks	0	0	-		0	0	0	
	International Organisations Institutions	30	0 30	0		25	0 25	5	
	Corporates	685	489	456		876	736	707	
	of which: SME	085	489	456		8/6	/36	/0/	
	Retail	0	1	1		3	1	2	
	of which: SME	0	0	0		0	0	0	
NETHERLANDS	Secured by mortgages on immovable property	3	3	2		31	31	12	
INE THEREARDS	of which: SME	0	ő	0		28	28	10	
	Exposures in default	ő	ő	0	0	4	0	0	4
	Items associated with particularly high risk	0	ő	ő		0	ő	0	
	Covered honds	28	28	6		9	9	2	
	Claims on institutions and corporates with a ST credit assessment	1	1	1		ő	ó	õ	
	Collective investments undertakings (CIU)	175	175	101		150	150	104	
	Equity	0	0	0		145	145	363	
	Securitisation								
	Other exposures	0	0	0		0	0	0	
	Standardised Total <sup>2</sup>				1				5



Credit Risk - Standardised Approach

Deutsche	Zentral-Genossenschaftsbank AG

					Standardise	d Approach			
			As of 31,	/12/2016			As of 30	/06/2017	
		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, %)								
	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	81	47	47		31	3	3	
	of which: SME	0	0	0		31	3	3	
	Retail	0	0	0		0	0	0	
MARSHALL	of which: SME	0	0	0		0	0	0	
	Secured by mortgages on immovable property	0	0	0		0	0	0	
ISLANDS	of which: SME	0	0	0		0	0	0	
	Exposures in default	3	1	1	2	3	3	4	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)	0	0	0		0	0	0	
	Equity	0	0	0		0	0	0	
	Securitisation								
	Other exposures	0	0	0		0	0	0	
	Standardised Total <sup>2</sup>				2				1

Orginal exposure, utile Exposure velocities for early into account any effect due to creat conversion factors or creat risk mitigation techniques (e.g. substitution effects).
 <sup>(2)</sup> Total value adjustments and provisions per country of counterparty does not include Securistisation exposures

					Standardise	d Approach			
			As of 31	/12/2016			As of 30	/06/2017	
		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, %)								
	Central governments or central banks	1,176	1,197	0		1,119	1,164	0	
	Regional governments or local authorities	38	40	0		35	38	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	14	14	3		15	15	3	
	Corporates	172	70	53		143	65	63	
	of which: SME	0	0	0		0	0	0	
	Retail	467	458	344		561	549	411	
	of which: SME	3	0	0		3	0	0	
AUSTRIA	Secured by mortgages on immovable property	0	0	0		18	18	9	
	of which: SME	0	0	0		18	18	9	
	Exposures in default	15	4	5	11	17	4	5	12
	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)	35	35	34		31	31	31	
	Equity	0	0	0		0	0	0	
	Securitisation								
	Other exposures	0	0	0		0	0	0	
	Standardised Total <sup>2</sup>				18				22

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 Control value adjustments and provisions per country of counterparty does not include Securistisation exposures

					Standardise	ed Approach			
			As of 31,	/12/2016			As of 30	/06/2017	
		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, %) Central governments or central banks	2,578	2.671	28		2.485	2.567	23	
	Regional governments or local authorities	2.578	2.6/1 281	28		2.485	2.567	53	
	Public sector entities	282	201			205	204	0	
	Multilateral Development Banks	0	0	0		0	0	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	1	1	0		2	2	1	
	Corporates	51	20	20		43	10	10	
	of which: SME	2	0	0		2	0	0	
	Retail	0	0	0		0	0	0	
	of which: SME	0	0	0		0	0	0	
ITALY	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	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)	187	187	177		265	265	272	
	Equity	0	0	0		0	0	0	
	Securitisation								
	Other exposures	0	0	0		0	0	0	
	Standardised Total <sup>2</sup>				0				0

Standardised Total <sup>10</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>10</sup> Total value adjustments and provisions per country of counterparty does not include Securistization exposures



Credit Risk - IRB Approach Deutsche Zentral-Genossenschaftsbank AG

							IRB Ap	proach					
				As of 31,	12/2016					As of 30	/06/2017		
		Original	Exposure <sup>1</sup>	Exposure	Risk expos	oosure amount Value adjustments and		Original Exposure <sup>1</sup>		Exposure			Value adjustment
	(min EUR, %)		Of which: defaulted	Value <sup>1</sup>		Of which: defaulted	provisions		Of which: defaulted	Value <sup>1</sup>		Of which: defaulted	provisions
	Central banks and central governments	7.478	0	7.783	1.084	0	17	14.837	0	14.877	1.365	0	14
	Institutions	41,609	126	40,949	8,848	3	109	37,596	89	36,741	8,149	2	92
	Corporates	115,607	4,397	102,926	41,229	0	2,002	109,927	4,320	97,686	40,476	0	2,255
	Corporates - Of Which: Specialised Lending	27,754	800	25,352	12,928	0	425	27,824	638	25,511	13,408	0	361
	Corporates - Of Which: SME	9.850	106	8.849	2.939	0	49	8.460	102	7.446	2.174	0	48
	Retail	66.381	950	65.798	12.291	571	550	67.108	978	66.592	12.575	541	573
	Retail - Secured on real estate property	51.648	570	51.094	7.177	254	159	52.203	591	51.712	7.349	260	158
	Retail - Secured on real estate property - Of Which: SME	1,459	0	1,408	27	0	0	0	0	0	0	0	0
Consolidated data	Retail - Secured on real estate property - Of Which: non-	50,189	570	49,686	7,150	254	159	52,203	591	51,712	7,349	260	158
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	14.733	381	14.704	5.114	317	390	14.905	387	14.880	5.226	282	415
	Retail - Other Retail - Of Which: SME	3	0	3	0	0	0	2	0	2	0	0	0
	Retail - Other Retail - Of Which: non-SME	14.730	381	14.701	5.114	317	390	14.902	387	14.878	5.226	282	415
	Equity	261	0	261	1,100	0		5,364	0	5,364	19,985	0	_
	Securitisation	4,094		4,094	3,250		4	4,258		4,197	3,027		4
	Other non credit-obligation assets				2,385						2,117		4
	IRB Total				70.186						87.694		

							IRB Ap	proach					
				As of 31,	12/2016					As of 30	/06/2017		
		Original	Exposure <sup>1</sup>	Exposure	Risk expos	ure amount	Value adjustments	Original	Exposure <sup>1</sup>	Exposure	Risk expos	sure amount	Value adjustment
	(min 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	1.538	0	1.613	126	0	0	1.015	0	1.024	82	0	0
	Institutions	15.003	0	14.924	3.474	2	4	13.469	0	13.416	3.232	1	4
	Corporates	71.273	1.971	61.924	28.833	0	1.325	69.970	1.789	60.678	28.390	0	1.245
	Corporates - Of Which: Specialised Lending	19,881	573	18,605	9,360	0	322	18,164	488	16,850	8,061	0	281
	Corporates - Of Which: SME	9,622	106	8,633	2,866	0	49	8,434	102	7,428	2,163	0	48
	Retail	64,014	897	63,432	11,838	524	369	64,696	902	64,181	12,122	462	533
	Retail - Secured on real estate property	49.812	519	49.259	6.812	209	18	50.339	540	49.849	6.985	202	135
	Retail - Secured on real estate property - Of Which: SME	1.449	0	1.397	27	0	0	0	0	0	0	0	0
GERMANY	Retail - Secured on real estate property - Of Which: non-	48,363	519	47,862	6,785	209	17	50,339	540	49,849	6,985	202	135
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	14,202	378	14,173	5,026	315	351	14,357	362	14,332	5,136	260	399
	Retail - Other Retail - Of Which: SME	3	0	3	0	0	0	2	0	2	0	0	0
	Retail - Other Retail - Of Which: non-SME	14,198	378	14,170	5,026	315	351	14,355	362	14,330	5,136	260	399
	Equity	245	0	245	1.038	0	0	5.347	0	5.347	19.787	0	0
	Securitisation												
	Other non credit-obligation assets												
	IRB Total eported before taking into account any effect due to credit conversion factors or credit risk mitigation												

							IRB Ap	proach					
				As of 31,	12/2016					As of 30	06/2017		
		Original	Exposure <sup>1</sup>	Exposure	Risk expos	ure amount	Value adjustments	Original Exposure <sup>1</sup>		Exposure	Risk exposure amount		Value adjustment
	(min 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	232	0	259	21	0	0	5,305	0	5,328	429	0	0
	Institutions	1.610	0	1.607	406	0	0	1.628	0	1.626	410	0	0
	Corporates	6.851	84	6.251	1.600	0	30	5.925	39	5.408	1.513	0	19
	Corporates - Of Which: Specialised Lending	965	67	786	551	0	19	774	14	641	489	0	10
	Corporates - Of Which: SME	2	0	0	0	0	0	1	0	0	0	0	0
	Retail	16	0	16	2	0	0	17	0	17	3	0	0
	Retail - Secured on real estate property	14	0	14	2	0	0	14	0	14	2	0	0
	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-	14	0	14	2	0	0	14	0	14	2	0	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	2	0	2	0	0	0	3	0	3	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	2	0	2	0	0	0	3	0	3	0	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Securitisation Other non credit-obligation assets												
	IRB Total												

							IRB Ap	proach							
				As of 31,	/12/2016					As of 30	06/2017				
		Original Exposure <sup>1</sup>		Original 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	sure amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	Value		Of which: defaulted	provisions		Of which: defaulted	Value <sup>-</sup>		Of which: defaulted	provisions		
	Central banks and central governments	0	0	5	0	0	0	0	0	0	0	0	0		
	Institutions	8,039	0	7,923	992	1	1	6,350	0	6,245	846	1	1		
	Corporates	1.955	24	1.816	741	0	13	1.949	35	1.752	844	0	10		
	Corporates - Of Which: Specialised Lending	553	8	509	277	0	3	564	7	523	295	0	3		
	Corporates - Of Which: SME	1	0	1	0	0	0	0	0	0	0	0	0		
	Retail	19	0	19	3	0	0	15	1	15	3	0	0		
	Retail - Secured on real estate property	16	0	16	2	0	0	12	0	12	2	0	0		
	Retail - Secured on real estate property - Of Which: SME	3	0	3	0	0	0	0	0	0	0	0	0		
UNITED KINGDOM	Retail - Secured on real estate property - Of Which: non-	13	0	13	2	0	0	12	0	12	2	0	0		
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0		
	Retail - Other Retail	2	0	2	0	0	0	3	0	3	1	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	2	0	2	0	0	0	3	0	3	1	0	0		
	Equity Securitisation	7	0	7	28	0	0	0	0	0	0	0	0		
	Other non credit-obligation assets														
	IRB Total														



Credit Risk - IRB Approach Deutsche Zentral-Genossenschaftsbank AG

							IRB Ap	proach							
				As of 31,	12/2016					As of 30/	06/2017				
		Original Exposure <sup>1</sup>		Original Exposure <sup>1</sup>		Exposure	Risk expos	ure amount	Value adjustments	Original	Exposure <sup>1</sup>	Exposure	Risk expos	ure amount	Value adjustmen
	(min 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	2,580	0	2,588	207	0	0	5,641	0	5,648	453	0	0		
	Institutions	2,132	52	2,132	408	0	37	1,577	52	1,577	334	0	32		
	Corporates	909	0	592	278	0	0	924	0	552	273	0	1		
	Corporates - Of Which: Specialised Lending	128	0	44	22	0	0	122	0	42	20	0	0		
	Corporates - Of Which: SME	10	0	7	3	0	0	8	0	5	3	0	0		
	Retail	120	7	119	18	1	1	122	2	122	20	1	1		
	Retail - Secured on real estate property	49	6	48	10	1	0	53	1	52	11	0	0		
	Retail - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0		
SWITZERLAND	Retail - Secured on real estate property - Of Which: non-	49	6	48	10	1	0	53	1	52	11	0	0		
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0		
	Retail - Other Retail	71	1	70	9	1	1	69	1	69	9	1	1		
	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	71	1	70	9	1	1	69	1	69	9	1	1		
	Equity	0	0	0	0	0	0	0	0	0	0	0	0		
	Securitisation														
	Other non credit-obligation assets														
exposure, unlike Exposure value, is rep	IRB Total														

							IRB Ap	proach					
				As of 31,	/12/2016					As of 30,	06/2017		
		Original	Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expos	ure amount	Value adjustments and	Original	Exposure1	Exposure Value <sup>1</sup>	Risk expo	sure amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	value <sup>-</sup>		Of which: defaulted	provisions		Of which: defaulted	value <sup>-</sup>		Of which: defaulted	provisions
	Central banks and central governments	284	0	281	24	0	0	121	0	121	11	0	0
	Institutions	3,567	0	3,562	551	0	0	3,499	0	3,494	441	0	0
	Corporates	1,597	3	1,600	543	0	3	1,460	0	1,442	534	0	1
	Corporates - Of Which: Specialised Lending	375	3	294	139	0	2	364	0	268	127	0	1
	Corporates - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
	Retail	58	0	58	12	0	0	52	2	52	10	1	0
	Retail - Secured on real estate property	50	0	50	10	0	0	44	2	44	9	1	0
FRANCE	Retail - Secured on real estate property - Of Which: SME	50	0	50	10	0	0	44	0	44	0	0	0
FRANCE	Retail - Secured on real estate property - Of Which: non- Retail - Qualifying Revolving	50	0	50	10	0	0	44	2	44	9	1	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	1	0	0	0	0	0	1	0	0
	Retail - Other Retail - Of Which: on-SME		0		1	0	0		0		1	0	0
	Equity	0	0	0	Ô	0	0	0	0	0	Ô	0	0
	Securitisation	-	-	-	-	-	-	-	-	-	-	-	-
	Other non credit-obligation assets												
	IRB Total												

							IRB Ap	proach					
				As of 31,	12/2016					As of 30	06/2017		
		Original	Exposure <sup>1</sup>	Exposure	Risk expos	ure amount	Value adjustments	Original	Exposure <sup>1</sup>	Exposure	Risk expos	ure amount	Value adjustment
	(min 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	75	0	75	11	0	0	0	0	0	0	0	0
	Institutions	566	0	549	154	0	0	385	0	379	111	0	0
	Corporates	3.017	14	2.967	1.194	0	2	2.864	13	2.837	1.140	0	2
	Corporates - Of Which: Specialised Lending	2,543	0	2,505	982	0	2	2,342	0	2,325	931	0	2
	Corporates - Of Which: SME	102	0	102	32	0	0	0	0	0	0	0	0
	Retail	26	0	25	7	0	0	23	1	22	6	0	0
	Retail - Secured on real estate property	22	0	21	7	0	0	19	1	19	5	0	0
	Retail - Secured on real estate property - Of Which: SME		0	0	0	0	0	0	0	0	0	0	0
LUXEMBOURG	Retail - Secured on real estate property - Of Which: non-	22	0	21	7	0	0	19	1	19	5	0	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	4	0	4	1	0	0	3	0	3	1	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	4	0	4	1	0	0	3	0	3	1	0	0
	Equity	4	0	4	15	0	0	11	0	11	43	0	0
	Securitisation												1
	Other non credit-obligation assets												
	IRB Total arted before taking into account any effect due to credit conversion factors or credit risk mitigatis												

							IRB Ap	proach					
				As of 31,	12/2016					As of 30	06/2017		
		Original	Exposure <sup>1</sup>	Exposure	Risk expos	ure amount	Value adjustments	Original I	Exposure <sup>1</sup>	Exposure	Risk expos	sure amount	Value adjustme
	(min EUR, %)		Of which: defaulted	Value <sup>1</sup>		Of which: defaulted	and provisions		Of which: defaulted	Value <sup>1</sup>		Of which: defaulted	and provisio
	Central banks and central governments	95	0	95	16	0	0	75	0	75	12	0	0
	Institutions	1,091	0	1,093	234	0	0	1,174	0	1,179	231	0	0
	Corporates	3,037	162	2,870	1,304	0	49	2,395	116	2,255	1,032	0	27
	Corporates - Of Which: Specialised Lending	759	40	714	344	0	21	575	21	536	209	0	13
	Corporates - Of Which: SME	29	0	29	10	0	0	2	0	2	1	0	0
	Retail	42	0	42	7	0	0	43	2	43	8	1	0
	Retail - Secured on real estate property	37	0	37	6	0	0	39	1	39	7	1	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-	37	0	37	6	0	0	39	1	39	7	1	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	4	0	4	1	0	0	4	0	4	1	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	4	0	4	1	0	0	4	0	4	1	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Securitisation Other non credit-obligation assets												
	IRB Total												



Credit Risk - IRB Approach Deutsche Zentral-Genossenschaftsbank AG

							IRB Ap	proach					
				As of 31,	12/2016					As of 30/	06/2017		
		Original	Exposure <sup>1</sup>	Exposure	Risk expos	ure amount	Value adjustments	Original	Exposure <sup>1</sup>	Exposure	Risk expos	sure amount	Value adjustmen and
	(min EUR, %)		Of which: defaulted	Value <sup>1</sup>		Of which: defaulted	and provisions		Of which: defaulted	Value <sup>1</sup>		Of which: defaulted	provision
	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	4,902	770	4,790	1,005	0	286	4,490	745	4,453	1,249	0	516
	Corporates - Of Which: Specialised Lending	75	0	4	5	0	6	37	0	0	0	0	5
	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
	Retail - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
MARSHALL ISLANDS	Retail - Secured on real estate property - Of Which: non-	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
	Securitisation												
	Other non credit-obligation assets												
	IRB Total												

							IRB Ap	proach					
				As of 31,	12/2016					As of 30,	06/2017		
		Original	Exposure <sup>1</sup>	Exposure Value <sup>1</sup>	Risk expos	ure amount	Value adjustments	Original	Exposure1	Exposure Value <sup>1</sup>	Risk expos	sure amount	Value adjustments
	(min EUR, %)		Of which: defaulted	value		Of which: defaulted	and provisions		Of which: defaulted	value		Of which: defaulted	and provisions
	Central banks and central governments	219	0	219	17	0	0	253	0	253	20	0	0
	Institutions	923	0	924	396	0	1	893	0	878	375	0	1
	Corporates	1.231	1	942	460	0	3	1.125	0	853	446	0	3
	Corporates - Of Which: Specialised Lending	199	0	155	58	0	1	198	0	161	63	0	0
	Corporates - Of Which: SME	27	0	27	10	0	0	9	0	9	4	0	0
	Retail	53	1	53	9	1	0	54	1	54	9	1	0
	Retail - Secured on real estate property	44	1	44	7	1	0	44	1	44	7	0	0
	Retail - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
AUSTRIA	Retail - Secured on real estate property - Of Which: non-	44	1	44	7	1	0	44	1	44	7	0	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	9	0	9	2	0	0	10	0	10	2	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	9	0	9	2	0	0	10	0	10	2	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Securitisation												
	Other non credit-obligation assets												
	IRB Total eported before taking into account any effect due to credit conversion factors or credit risk mitigation												

							IRB Ap	proach					
				As of 31,	12/2016					As of 30/	06/2017		
		Original	Exposure <sup>1</sup>	Exposure	Risk expos	ure amount	Value adjustments	Original I	Exposure <sup>1</sup>	Exposure	Risk expos	sure amount	Value adjustments
	(min 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	114	0	114	63	0	0	112	0	112	62	0	0
	Institutions	201	0	200	98	0	1	129	0	129	61	0	1
	Corporates	167	0	167	59	0	0	152	0	152	64	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	4	0	4	1	0	0	4	0	4	1	0	0
	Retail - Secured on real estate property	3	0	3	1	0	0	3	0	3	1	0	0
	Retall - Secured on real estate property - Of Which: SME	0	0	0	0	0	0	0	0	0	0	0	0
ITALY	Retail - Secured on real estate property - Of Which: non-	3	0	3	1	0	0	3	0	3	1	0	0
	Retail - Qualifying Revolving	0	0	0	0	0	0	0	0	0	0	0	0
	Retail - Other Retail	1	0	1	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	1	0	1	0	0	0	0	0	0	0	0	0
	Equity	0	0	0	0	0	0	0	0	0	84	0	0
	Securitisation												
	Other non credit-obligation assets												
	IRB Total reported before taking into account any effect due to credit conversion factors or credit risk mitigation												

#### Sovereign Exposure

#### Deutsche Zentral-Genossenschaftsbank AG

(min EUR)									As of 31,	12/2016								
				Memo: brea	kdown by acco	ounting portf	olio											
Country / Region	Financial as	of which: loans and advances	g Amount of which: debt securities	Held for trading <sup>1</sup>	of which: Loans and advances	of which: Debt securities	Designated at fair value through profit or loss <sup>2</sup>	of which: Loans and advances	of which: Debt securities	Available-for- sale <sup>3</sup>	of which: Loans and advances	of which: Debt securities	Loans and Receivables <sup>4</sup>	of which: Loans and advances	of which: Debt securities	Held-to- maturity investments	of which: Loans and advances	of which: Debt securities
TOTAL - ALL COUNTRIES	60,385.8	22,885.5	37,500.3	2,244.8	226.5	2,018.3	9,037.2	3,239.7	5,797.5	28,453.5	0.0	28,453.5	19,560.0	19,419.3	140.7	1,091.6	0.0	1,091.6
Austria	1,223.4	736.1	487.3															
Belgium	687.4	34.6	652.8															
Bulgaria	0.0	0.0	0.0															
Croatia	0.0	0.0	0.0															
Cyprus	0.0	0.0	0.0															
Czech Republic	170.8	0.2	170.5															
Denmark	0.0	0.0	0.0															
Estonia	0.0	0.0	0.0															
Finland	108.4	4.6	103.8															
France	1,305.2	0.0	1,305.2															
Germany	46,011.0	21,176.7	24,834.3															
Greece	0.0	0.0	0.0															
Hungary	535.6	0.0	535.6															
Ireland Italy	139.8	0.0	139.8															
Italy Latvia	2,991.0	0.0	2,991.0															
Latvia Lithuania	1.5	0.0	1.5															
Luxembourg	75.6	0.0	75.6															
Luxembourg Maita	0.0	0.0	0.0															
Netherlands	370.5	0.0	370.5															
Poland	371.0	0.0	371.0															
Portugal	879.3	198.7	680.6															
Romania	0.0	0.0	0.0															
Slovakia	251.6	0.0	251.6															
Slovenia	32.3	0.0	32.3															
Spain	2,399.4	438.1	1,961.3															
Sweden	17.9	0.0	17.9															
United Kingdom	47.4	0.0	47.4															
Iceland	0.0	0.0	0.0															
Liechtenstein	0.0	0.0	0.0															
Norway	0.1	0.0	0.1															
Switzerland	258.3	258.3	0.0															
Australia	17.1	17.1	0.0															
Canada	616.4	0.0	616.4															
China	0.0	0.0	0.0															
Hong Kong	6.1	0.0	6.1															
Japan	170.5	0.0	170.5															
U.S.	377.9	0.0	377.9															
Other advanced economies non EEA Other Central and eastern Europe countries non EEA	33.2	0.0	33.2															
Other Central and eastern Europe countries non EEA Middle East	3.1	3.1	0.0															
Middle East Latin America and the Caribbean		4.7																
Latin America and the Caribbean Africa	69.9 1.3	4./	65.2															
Africa Others	1.3	1.3	1.200.4															
others	1,212.3 Note:	11.9	1,200.4															

Note: The Information reported covers all exposures to "General governments" as defined in paragraph 41 (b) of Annex V of ITS on Supervisory reporting: "central governments, state or regional governments, and local governments, including administrative bodies and non-commercial undertakings, but excluding public companies and private companies held by these administrations that have a commercial activity (which shall be reported under "non-financial orgonations"); social security funds; and international organisations, such as the European Community, the International Monetary Fund and the Bank for International Settlements.

teacians: Other advanced non EEA: Israel, Korea, New Zealand, Russia, San Marino, Singapore and Taiwan. Other CEF and FEA: Albrainia Rovaia and Herromonia. FYR Janordona. FYR Janordona. Montranovan. Sorhia and Traiwu Middle East: Eshaman, Dilokud, Ikrai, Ikou, Janordo, Ikawa, Ikuanan, Janor, Quata, Suda Araba, Sudan. Syria, United Arab Eminates and Yemen. Lath America: Argentina. Belee, Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Hait, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paneguay, Peru, St. Ktts and Nevis, St. Lucia, St. Vincent and the Grenadnes, Suriname, Trinidad and Tobaço, Uruguay, Venceusta. Haria: Algensi, Brazil, Moncoco, Suda Mirina and Tuniau.

(1) Includes "Trading financial assets" portfolio for banks reporting under GAAP

Includes "Non-table nod-advances purchase reporting table volver II includes "Non-table nod-advances particular data responsed a fair value through profit or loss" portfolio for banks reporting under GAAP II includes "Non-table nod-advances thread advances massed a fair value to equity" portfolio for banks reporting under GAAP II includes "Non-table nod-advances thread advances thread advances advances advances advances advances advances III includes "Non-table nod-advances thread advances advances

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#### Sovereign Exposure

#### Deutsche Zentral-Genossenschaftsbank AG

(min EUR)									As of 30,	/06/2017								
				Memo: brea	kdown by acco	ounting portf	olio											
Country / Region	Financial as	of which: loans and	of which:	Held for trading <sup>1</sup>	of which: Loans and	of which: Debt	Designated at fair value through profit or loss <sup>2</sup>	of which: Loans and	of which: Debt	Available-for- sale <sup>3</sup>	of which: Loans and	of which: Debt	Loans and Receivables <sup>4</sup>	of which: Loans and	of which: Debt	Held-to- maturity investments	of which: Loans and	of which: Debt
TOTAL - ALL COUNTRIES	55,543.6	advances 22,005.5	securities 33,538.1	2.810.1	advances 191.0	securities 2,619.2	8.543.1	advances 2,881.0	securities 5,662.0	24.123.2	advances 0.0	securities 24,123.2	19,111.7	advances 18,933.5	securities 178.2	956.6	advances 0.0	securities 956.6
				2,010.1	191.0	2,019.2	0,343.1	2,001.0	5,002.0	24,123.2	0.0	24,123.2	19,111.7	10,955.5	170.2	\$50.0	0.0	330.0
Austria	1,220.5	705.7	514.8															
Belgium	674.0	33.7	640.3															
Bulgaria	0.0	0.0	0.0															
Croatia	0.0	0.0	0.0															
Cyprus Czech Republic																		
Czech Republic Denmark	159.6	0.2	159.4															
Denmark Estonia	0.5	0.0	0.5															
Finland	0.0	4.5	0.0															
Finland	1,012.3	4.5	1,012.3															
Germany	42.651.2	20.366.7	22.284.5															
Greece	42,031.2	20,366.7	0.0															
Hungary	490.8	0.0	490.8															
Ireland	0.0	0.0	0.0															
Italy	2,862.3	0.0	2,862.3															
Latvia	15.9	0.0	15.9															
Lithuania	28.9	0.0	28.9															
Luxembourg	53.5	0.0	53.5															
Malta	0.0	0.0	0.0															
Netherlands	39.5	0.0	39.5															
Poland	361.4	0.0	361.4															
Portugal	832.7	198.7	634.0															
Romania	0.0	0.0	0.0															
Slovakia	254.4	0.0	254.4															
Slovenia	39.5	0.0	39.5															
Spain	2,339.0	422.8	1,916.2															
Sweden	13.1	0.0	13.1															
United Kingdom	45.9	0.0	45.9															
Iceland	0.0	0.0	0.0															
Liechtenstein	0.0	0.0	0.0															
Norway	0.2	0.0	0.2															
Switzerland	237.0	237.0	0.0															
Australia	16.9	16.9	0.0															
Canada	573.3	0.0	573.3															
China	0.0	0.0	0.0															
Hong Kong	5.5	0.0	5.5															
Japan	180.1	0.0	180.1															
U.S.	455.0	0.0	455.0															
Other advanced economies non EEA	29.7	0.0	29.7															
Other Central and eastern Europe countries non EEA	2.7	2.7	0.0															
Middle East	0.0	0.0	0.0															
Latin America and the Caribbean	48.2	2.9	45.3															
Africa	0.7 743.6	0.7	0.0															
Others	743.6 Note:	13.1	730.5															

Note: The information reported covers all exposures to "General governments" as defined in paragraph 41 (b) of Annex V of ITS on Supervisory reporting: "central governments, state or regional governments, and local governments, including administrative bodies and non-commercial undertakings, but excluding public companies and private companies held by these administrations that have a commercial activity (which shall be reported under "non-financial corporations"); social security funds; and international organisations, such as the European Community, the International Monitary Fund and the Bank for International Sectements.

teacians: Other advanced non EEA: Israel, Korea, New Zealand, Russia, San Marino, Singapore and Taiwan. Other CEF and FEA: Albrainia Rovaia and Herromonia. FYR Janordona. FYR Janordona. Montranovan. Sorhia and Traiwu Middle East: Eshaman, Dilokud, Ikrai, Ikou, Janordo, Ikawa, Ikuanan, Janor, Quata, Suda Araba, Sudan. Syria, United Arab Eminates and Yemen. Lath America: Argentina. Belee, Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Hait, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paneguay, Peru, St. Ktts and Nevis, St. Lucia, St. Vincent and the Grenadnes, Suriname, Trinidad and Tobaço, Uruguay, Venceusta. Haria: Algensi, Brazil, Moncoco, Suda Mirina and Tuniau.

(1) Includes "Trading financial assets" portfolio for banks reporting under GAAP

Includes "Non-table nod-advances purchase reporting table volver II includes "Non-table nod-advances particular data responsed a fair value through profit or loss" portfolio for banks reporting under GAAP II includes "Non-table nod-advances thread advances massed a fair value to equity" portfolio for banks reporting under GAAP II includes "Non-table nod-advances thread advances thread advances advances advances advances advances advances III includes "Non-table nod-advances thread advances advances

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#### Performing and non-performing exposures

Deutsche Zentral-Genossenschaftsbank AG

				As of 31/12/201	5						As of 30/06/201	7		
		Gross carry	ing amount		Accumulated accumulated value due to o provisions	changes in fair	Collaterals and financial		Gross carryiı	ng amount			impairment, changes in fair credit risk and	Collaterals and financial
		Of which performing but past due >30	Of which nor	1-performing <sup>1</sup>	On performing exposures <sup>2</sup>	On non- performing	guarantees received on non- performing exposures		Of which performing but past due >30	Of which nor	n-performing <sup>1</sup>	On performing exposures <sup>2</sup>	On non- performing	guarantees received on non- performing exposures
(min EUR, %)		days and <=90 days		Of which: defaulted	exposures	exposures <sup>3</sup>	CAPODELOS		days and <=90 days		Of which: defaulted	exposures	exposures <sup>3</sup>	exposures
Debt securities (including at amortised cost and fair value)	67,244	0	137	53	887	39	0	59,802	0	134	55	746	37	0
Central banks	162	0	0	0	0	0	0	209	0	0	0	0	0	0
General governments	36,249	0	0	0	767	0	0	31,597	0	0	0	678	0	0
Credit institutions	21,866	0	0	0	33	0	0	19,960	0	0	0	31	0	0
Other financial corporations	4,826	0	135	53	69	39	0	4,526	0	132	55	19	37	0
Non-financial corporations	4,142	0	2	0	17	0	0	3,511	0	2	0	18	0	0
Loans and advances(including at amortised cost and fair value)	297,990	372	5,895	5,282	520	1,998	3,147	312,040	274	5,941	5,111	537	2,226	2,794
Central banks	24,850	0	0	0	0	0	0	40,675	0	0	0	0	0	0
General governments	22,662	0	0	0	3	0	0	21,828	2	0	0	14	0	0
Credit institutions	91,128	0	54	54	21	14	24	90,003	0	23	22	21	2	20
Other financial corporations	12,150	0	338	321	12	113	172	12,049	1	334	157	11	84	90
Non-financial corporations	82,174	111	4,272	3,778	209	1,437	2,367	80,340	110	4,171	3,806	212	1,702	2,095
of which: small and medium-sized enterprises at amortised cost	11,188	8	161	145	31	89	32	12,600	7	144	121	19	59	32
Households	65,027	260	1,231	1,129	274	434	583	67,145	162	1,414	1,126	279	438	589
DEBT INSTRUMENTS other than HFT	365,235	372	6,033	5,334	1,407	2,037	3,147	371,842	274	6,076	5,167	1,283	2,263	2,794
OFF-BALANCE SHEET EXPOSURES	56,015		367	348	80	175	36	56,568		569	317	71	158	29

<sup>(1)</sup> For the definition of non-performing exposures please refer to COMMISSION IMPLEMENTING REGULATION (EU) 2015/227 of 9 January 2015, ANNEX V, Part 2-Template related instructions, subtitle 29

(1) Institutions report here collective allowances for incurrred but not reported losses (instruments at amortised cost) and changes in fair value of performing exposures due to credit risk and provisions (instruments at fair value other than HFT)

(1) Institutions report here specific allowances for financial assets, individually and collectively estimated (instruments at amortised cost) and changes in fair value of NPE due to credit risk and provisions (instruments at fair value other than HFT)



#### Forborne exposures

Deutsche Zentral-Genossenschaftsbank AG

			As of 31/12/2016					As of 30/06/2017	,	
		ng amount of ith forbearance	due to credit ris	npairment, langes in fair value sk and provisions vith forbearance	Collateral and financial guarantees		ng amount of vith forbearance	due to credit ris	npairment, hanges in fair value sk and provisions vith forbearance	Collateral and financial guarantees
(min EUR, %)		Of which non- performing exposures with forbearance measures		Of which on non- performing exposures with forbearance measures	received on exposures with forbearance measures		Of which non- performing exposures with forbearance measures		Of which on non- performing exposures with forbearance measures	received on exposures with forbearance measures
Debt securities (including at amortised cost and fair value)	0	0	0	0	0	2	2	0	0	0
Central banks	0	0	0	0	0	0	0	0	0	0
General governments	0	0	0	0	0	0	0	0	0	0
Credit institutions	0	0	0	0	0	0	0	0	0	0
Other financial corporations	0	0	0	0	0	0	0	0	0	0
Non-financial corporations	0	0	0	0	0	2	2	0	0	0
Loans and advances (including at amortised cost and fair value)	5,050	3,440	1,224	1,204	3,068	5,270	3,478	1,148	1,119	1,983
Central banks	0	0	0	0	0	0	0	0	0	0
General governments	8	0	0	0	8	8	0	0	0	0
Credit institutions	17	17	2	2	15	22	22	2	2	20
Other financial corporations	227	196	67	67	113	148	120	58	58	30
Non-financial corporations	3,908	2,728	1,050	1,042	2,265	4,096	2,808	971	953	1,576
of which: small and medium-sized enterprises at amortised cost	124	74	28	28	19	112	50	22	21	13
Households	891	500	105	94	667	997	528	117	106	357
DEBT INSTRUMENTS other than HFT	5,050	3,440	1,224	1,204	3,068	5,272	3,480	1,148	1,119	1,983
Loan commitments given	201	150	49	49	54	195	136	39	39	9

<sup>(1)</sup> For the definition of forborne exposures please refer to COMMISSION IMPLEMENTING REGULATION (EU) 2015/227 of 9 January 2015, ANNEX V, Part 2-Template related instructions, subtitle 30