

Bank Name	Banco Santander, S.A.
LEI Code	5493006QMFDDMYWIAM13
Country Code	ES

The information on Collateral valuation - loans and advances applies only to banks meeting at least one of the criteria for significance and having a ratio of non-performing loans and advances divided by total loans and advances (excluding loans and advances classified as held for sale, cash balances at central banks and other demand deposits) of 5% or above, therefore this bank is not required to report it to the EBA.



Key Metrics

Banco Santander, S.A.

(min EUR, %)	As of 30/09/2022	As of 31/12/2022	As of 31/03/2023	As of 30/06/2023	COREP CODE	REGULATION
Available capital (amounts)						
Common Equity Tier 1 (CET1) capital - transitional period	75,499	74,202	76,127	77,628	C 01.00 (r0020,c0010)	Article 50 of CRR
Common Equity Tier 1 (CET1) capital - transitional period - as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	74,653	73,390	75,841	77,216	C 01.00 (r0020,c0010) - C 05.01 (r0440,c0010)	Article 50 of CRR
Tier 1 capital - transitional period	84,513	83,033	85,077	86,485	C 01.00 (r0015,c0010)	Article 25 of CRR
Tier 1 capital as if IFRS 9 or analogous ECLs transitional arrangements had not been applied - transitional definition	83,667	82,221	84,790	86,072	C 01.00 (r0015,c0010) - C 05.01 (r0440,c0010) - C 05.01 (r0440,c0020)	Article 25 of CRR
Total capital - transitional period	99,773	97,392	98,646	101,154	C 01.00 (r0010,c0010)	Articles 4(118) and 72 of CRR
Total capital - transitional period - as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	98,950	96,581	98,359	100,741	C 01.00 (r0010,c0010) - C 05.01 (r0440,c0010) - C 05.01 (r0440,c0020) - C 05.01 (r0440,c0030)	Articles 4(118) and 72 of CRR
Risk exposure amounts						
Total risk exposure amount	616,738	609,266	620,709	631,149	C 02.00 (r0010,c0010)	Articles 92(3), 95, 96 and 98 of CRR
Total risk exposure amount as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	617,116	609,702	620,908	631,021	C 02.00 (r0010,c0010) - C 05.01 (r0440,c0040)	Articles 92(3), 95, 96 and 98 of CRR
Capital ratios						
Common Equity Tier 1 (as a percentage of risk exposure amount) - transitional definition	12.24%	12.18%	12.26%	12.30%	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	12.10%	12.04%	12.21%	12.24%	(C 01.00 (r0020,c0010) - C 05.01 (r0440,c0010))/ (C 02.00 (r0010,c0010) - C 05.01 (r0440,c0040))	
Tier 1 (as a percentage of risk exposure amount) - transitional definition	13.70%	13.63%	13.71%	13.70%	CA3 {3}	-
Tier 1 (as a percentage of risk exposure amount) as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	13.56%	13.49%	13.66%	13.64%	(C 01.00 (r0015,c0010) - C 05.01 (r0440,c0010) - C 05.01 (r0440,c0020)) / (C 02.00 (r0010,c0010) - C 05.01 (r0440,c0040))	
Total capital (as a percentage of risk exposure amount) - transitional definition	16.18%	15.99%	15.89%	16.03%	CA3 {5}	
Total capital (as a percentage of risk exposure amount) as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	16.03%	15.84%	15.84%	15.96%	(C 01.00 (r0010,c0010) - C 05.01 (r0440,c0010) - C 05.01 (r0440,c0020) - C 05.01 (r0440,c0030) / (C 02.00 (r0010,c0010) - C 05.01 (r0440,c0040))	
Leverage ratios						
Leverage ratio total exposure measure - using a transitional definition of Tier 1 capital	1,823,762	1,750,626	1,758,741	1,796,203	C 47.00 (r0300,c0010)	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	4.63%	4.74%	4.84%	4.81%	C 47.00 (r0340,c0010)	Article 429 of the CRR; Delegated Regulation (EU) 2015/62 of 10 October 2014 amending CRR



Leverage ratio

Banco Santander, S.A.

	(mln EUR, %)	As of 30/09/2022	As of 31/12/2022	As of 31/03/2023	As of 30/06/2023	COREP CODE	REGULATION
A.1	Tier 1 capital - transitional definition	84,513	83,033	85,077	86,485	C 47.00 (r0320,c0010)	
A.2	Tier 1 capital - fully phased-in definition	83,667	82,221	84,790	86,072	C 47.00 (r0310,c0010)	Article 429 of the CRR; Delegated Regulation (EU) 2015/62 of 10 October 2014 amending
B.1	Total leverage ratio exposures - using a transitional definition of Tier 1 capital	1,823,762	1,750,626	1,758,741	1,796,203	C 47.00 (r0300,c0010)	CRR
B.2	Total leverage ratio exposures - using a fully phased-in definition of Tier 1 capital	1,823,342	1,750,250	1,758,618	1,795,814	C 47.00 (r0290,c0010)	
C.1	Leverage ratio - using a transitional definition of Tier 1 capital	4.63%	4.74%	4.84%	4.81%	[A.1]/[B.1]	
C.2	Leverage ratio - using a fully phased-in definition of Tier 1 capital	4.59%	4.70%	4.82%	4.79%	[A.2]/[B.2]	

EBA IIII 2023 EU-wide Transparency Exercise Capital Banco Santander, SA

		(min FUR %)	As of 30/09/2022	As of 31/12/2022	As of 31/03/2023	As of 30/06/2023	COREP CODE	REGULATION
	A	(min EUR, %) OWN FUNDS	99,773	97,392	98,646	101,154	C 01.00 (r0010,c0010)	Articles 4(118) and 72 of CRR
	A.1	COMMON EQUITY TIER 1 CAPITAL (net of deductions and after applying	75,499	74,202	76,127	77,628	C 01.00 (r0020,c0010)	Article 50 of CBR
	A.1.1	transitional adjustments) Capital instruments eligible as CET1 Capital (including share premium and net own capital	54,610	54,610	53,454	52,398	C 05.00 (r0030,c0050)	Articles 26(1) points (a) and (b), 27 to 20, 36(1) point (f) and 42 of CRR
	A.1.2	instruments) Retained earnings	71,940	73,768	75,437	77,437	C 01.00 (r0130,c0010)	Articles 26(1) point (c), 26(2) and 36 (1) points (a) and (i) of CRR
	A.1.3	Accumulated other comprehensive income	-34,232	-37,439	-34,879	-33,835	C 01.00 (r0180,c0010)	Articles 4(100), 25(1) point (d) and 36 (1) point (l) of CRR
	A.1.4	Other Reserves	-4,380	-4,660	-4,602	-4,612	C 05.00 (r0200,c0010)	Articles 4(117) and 26(1) point (e) of CRR
	A.1.5	Funds for general banking risk	.,	0	0	0	C 01.00 (r0210,c0010)	Articles 4(112), 26(1) point (f) and 36 (1) point (f) of CBR
	A.1.6		7,297	7,426	7,397	6,711	C 01.00 (r0230.c0010)	Article 84 of CBR
	A.1.7	Minority interest given recognition in CET1 capital Adjustments to CET1 due to prudential filters	1,616	1,670	1,331	1,323	C 01.00 (10250,c0010)	Articles 32 to 35 of and 36 (1) point (I) of CBR
	A.1.8	(-) Intangible assets (including Goodwill)	-17,464	-17,182	-17,437	-17,878	C 01.00 (r0300,c0010) + C 01.00	Articles 4(113), 36(1) point (b) and 37 of CRR. Articles 4(115), 36(1) point (b) and 37 point (a) of CRR.
	A.1.9	(-) DTAs that rely on future profitability and do not arise from temporary differences net of associated DTLs	-1.370	-1.421	-1.427	-1.568	(r0340,c0010) C 01 00 (r0320 r0010)	CCR Articles 36(1) point (c) and 38 of CRR
	A.1.10	associated DTLs (-) IRB shortfall of credit risk adjustments to expected losses	0	-402	-337	-250	C 01.00 (r0380,c0010)	Articles 36(1) point (d), 40 and 159 of CRR
	A.1.10	(-) Indianal of creat has autoximents to expected issues (-) Defined benefit pension fund assets	-1,635	-979	-1,135	-230	C 01.00 (r0390,c0010)	Articles 4(19), 36(1) point (e) and 41 of CRR
	A.1.11	(-) Denined benefit persion rund assets (-) Reciprocal cross holdings in CET1 Capital	-1,635	-979	-1,135	-9/1	C 01.00 (#0590,20010)	Articles 4(209), 36(1) point (e) and 41 of Clot Articles 4(222), 36(1) point (o) and 44 of CRR
	A.1.12		0	0	0	0	C 01.00 (1040,c0010)	Articles 36(1) point (g) and we or Unit Article 36(1) point (g) of CBR
	A.1.13	(-) Excess deduction from AT1 items over AT1 Capital	U	U	U	0	C 01.00 (rowe(couro)	
	A.1.14	(-) Deductions related to assets which can alternatively be subject to a 1.250% risk weight	-299	-340	-348	-386	C 01.00 (r0450,c0010) + C 01.00 (r0460,c0010) + C 01.00 (r0470,c0010) + C 01.00 (r0471,c0010) + C 01.00 (r0472,c0010)	Articles 4(36), 35(1) point (k) (i) and 90 to 91 of OBI; Articles 36(1) point (k) (ii), 24(1) point (b), 24(1) point (b) and 250 of OBI; Articles 35(1) point k) (iii) and 379(2) of OBI; Articles 35(1) point k) (iv) and 155(4) of OBI.
	A.1.14.1	Of which: from securitisation positions (-)	-204	-253	-259	-284	C 01.00 (r0460,c0010)	Articles 36(1) point (k) (i), 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 institution does not have a significant investment	0	0	0	0	C 01.00 (r0480,c0010)	Articles 4(27), 36(1) point (h); 43 to 46, 40 (2) and (3) and 79 of CRR
	A.1.16	(-) Deductible DTAs that rely on future profitability and arise from temporary differences	0	0	0	-270	C 01.00 (r0490,c0010)	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	0	0	C 01.00 (r0500,c0010)	$\label{eq:4.1} Articles 4(27); 36(1) point (i); 43, 45; 47; 48(1) point (b); 49(1) to (3) and 79 of CRR$
	A.1.18	(-) Amount exceding the 17.65% threshold	0	0	0	-105	C 01.00 (r0510,c0010)	Article 48 of CRR
	A.1.18A	(-) Insufficient coverage for non-performing exposures	-20	-37	-47	-65	C 01.00 (r0513,c0010)	Article 36(1), point (m) and Article 47c CRR
OWN FUNDS Transitional period	A.1.18B	(-) Minimum value commitment shortfalls	-2	0	0	0	C 01.00 (r0514,c0010)	Article 36(1), point (n) and Article 132c(2) CRR
	A.1.18C	(-) Other foreseeable tax charges	0	0	0	0	C 01.00 (r0515,c0010)	Article 36(1), point (I) CRR
	A.1.19	(-) Additional deductions of CET1 Capital due to Article 3 CRR	0	0	0	0	C 01.00 (r0524,c0010)	Article 3 CRR
	A.1.20	CET1 capital elements or deductions - other	-1,408	-1,624	-1,566	-712	C 01.00 (r0529,c0010)	-
	A.1.21	Transitional adjustments	846	811	287	413	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	0	0	C 01.00 (r0220,c0010)	Articles 483(1) to (3), and 484 to 487 of CRR
	A.1.21.2	Transitional adjustments due to additional minority interests (+/-)	0	0	0	0	C 01.00 (r0240,c0010)	Articles 479 and 480 of CRR
	A.1.21.3	Other transitional adjustments to CET1 Capital (+/-)	846	811	287	413	C 01.00 (r0520,c0010)	Articles 469 to 472, 478 and 481 of CRR
	A.2	ADDITIONAL TIER 1 CAPITAL (net of deductions and after transitional adjustments)	9,015	8,831	8,949	8,856	C 01.00 (r0530,c0010)	Article 61 of CRR
	A.2.1	Additional Tier 1 Capital instruments	9,015	8,831	8,949	8,856	C 01.00 (r0540,c0010) + C 01.00 (r0670,c0010)	
	A.2.2	(-) Excess deduction from T2 items over T2 capital	0	0	0	0	C 01.00 (r0720,c0010)	
	A.2.3	Other Additional Tier 1 Capital components and deductions	0	0	0	0	C 01.00 (+0690,c0010) + C 01.00 (+0700,c0010) + C 01.00 (+0710,c0010) + C 0.00 (+0740,c0010) + C 01.00 (+0744,c0010) + C 01.00 (+0748,c0010)	
	A.2.4	Additional Tier 1 transitional adjustments	0	0	0	0	C 01.00 (r0660,c0010) + C 01.00 (r0680,c0010) + C 01.00 (r0730,c0010)	
	A.3	TIER 1 CAPITAL (net of deductions and after transitional adjustments)	84,513	83,033	85,077	86,485	C 01.00 (r0015,c0010)	Article 25 of CRR
	A.4	TIER 2 CAPITAL (net of deductions and after transitional adjustments)	15,260	14,359	13,569	14,669	C 01.00 (r0750,c0010)	Article 71 of CRR
	A.4.1	Tier 2 Capital instruments	15,059	14,177	13,394	14,492	C 01.00 (r0760,c0010) + C 01.00 (r0890,c0010)	
	A.4.2	Other Tier 2 Capital components and deductions	-2	-25	-28	-25	$\begin{array}{l} C 05.00 \left(r0010, c0010 \right) + C 01.00 \\ (r0020, c0020 \right) + C 01.00 \left(r0030, c0010 \right) + C \\ 01.00 \left(r0040, c0010 \right) + C 01.00 \left(r0050, c0010 \right) \\ + C 01.00 \left(r0050, c0010 \right) + C 01.00 \left(r0074, c0010 \right) + C \\ 01.00 \left(r0078, c0010 \right) \end{array}$	
	A.4.3	Tier 2 transitional adjustments	203	207	203	202	C 01.00 (r0680,c0010) + C 01.00 (r0900,c0010) + C 01.00 (r0960,c0010)	
OWN FUNDS	в	TOTAL RISK EXPOSURE AMOUNT	616,738	609,266	620,709	631,149	C 02.00 (r0010,c0010)	Articles 92(3), 95, 96 and 98 of CRR
REQUIREMENTS	B.1	Of which: Transitional adjustments included	-377	-436	-200	128	C 05.01 (r0010,c0040)	
	C.1	COMMON EQUITY TIER 1 CAPITAL RATIO (transitional period)	12.24%	12.18%	12.26%	12.30%	CA3 (1)	
CAPITAL RATIOS (%) Transitional period	C.2	TIER 1 CAPITAL RATIO (transitional period)	13.70%	13.63%	13.71%	13.70%	CA3 (3)	
	с.з	TOTAL CAPITAL RATIO (transitional period)	16.18%	15.99%	15.89%	16.03%	CA3 (5)	
CET1 Capital Fully loaded	D	COMMON EQUITY TIER 1 CAPITAL (fully loaded)	74,653	73,390	75,841	77,216	[A1-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 ¹	Е	COMMON EQUITY TIER 1 CAPITAL RATIO (fully loaded)	12.10%	12.04%	12.21%	12.24%	[D.1]/[B-B.1]	
	F	Adjustments to CET1 due to IFRS 9 transitional arrangements	846	811	287	413	C 05.01 (r0440,c0010)	
	F	Adjustments to AT1 due to IFRS 9 transitional arrangements	0	0	0	0	C 05.01 (r0440,c0020)	
Memo items	F	Adjustments to T2 due to IFRS 9 transitional arrangements	-23	0	0	0	C 05.01 (r0440,c0030)	
	F	Adjustments included in RWAs due to IFRS 9 transitional arrangements	-377	-436	-200	128	C 05.01 (r0440,c0040)	
(1)The fully loaded CETL ratio is an es				•				

(1)The fully loaded CET1 cable is an estimate calculated based on basic's apportancy reporting. Therefore, any capital instruments that are not eligible from a regulatory point of view at the reporting date are not biase into account in this calculation. Fully loaded CET1 cable ratio estimation is based on the formulae stated in column "COREP CODE" – elease note that this minih load to differences to fully loaded CET1 cable ratio estimation is based on the formulae stated in column "COREP CODE" – elease note that this minih load to differences to fully loaded CET1 cable ratios acclering to the carticolation basics e.e. in their PIIar 3 declosure

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Overview of Risk exposure amounts

Banco Santander, S.A.

		RWAs					
(min EUR, %)	As of 30/09/2022	As of 31/12/2022	As of 31/03/2023	As of 30/06/2023	COREP CODE		
Credit risk (excluding CCR and Securitisations) ¹	512,804	507,751	516,723	524,138	C 02.00 (10040, d0110) -{C 07.00 (10090, c1220, s001) + C 07.00 (10110, c1220, s001) + C 07.00 (10130, c1220, s001) + C 08.01 (10040, c1280, s001) + C 08.01 (10050, c1280, s001) + C 02.00 (10470, c1010) + C 02.00 (10460, c0010))		
Of which the standardised approach	286,106	274,922	282,304	285,835	C 02.00 (r0060, c0010)-[C 07.00 (r0090, c0220, s001) + C 07.00 (r0110, c0220, s001)+ C 07.00 (r0130, c0220, s001)]		
Of which the foundation IR8 (FIR8) approach	24,861	24,690	72,082	74,168	C 02.00 (r0250, c0010) - [C 08.01 (r0040, c0260, s002) + C 08.01 (r0050, c0260, s002) + C 08.01 (r0060, c0260, s002)]		
Of which the advanced IRB (AIRB) approach	182,953	188,442	142,445	144,971	C 02.00 (r0310, c0010) - [C 08.01 (r0040, c0260, s001) + C 08.01 (r0050, c0260, s001) + C 08.01 (r0060, c0260, s001)]		
Of which equity IRB	17,890	18,120	17,803	17,892	C 02.00 (r0420, c0010)		
Counterparty credit risk (CCR, excluding CVA) ²	13,408	11,999	12,552	13,153	C 07.00 (r0096, dt220, s001) + C 07.00 (r0110, dt220, s001)+ C 07.00 (r0130, dt220, s001) + C 08.01 (r0040, dt266, s001) + C 08.01 (r0050, dt260, s001) + C 08.01 (r0060, dt26, s001) + C 08.01 (r0040, dt280, s002) + C 08.01 (r0050, dt260, s002,) + C 08.01 (r0060, dt260, s002) + C 02.00 (r0460,		
Credit valuation adjustment - CVA	909	1,097	1,054	1,633	C 02.00 (r0640, c0010)		
Settlement risk	4	4	5	1	C 02.00 (r0490, c0010)		
Securitisation exposures in the banking book (after the cap)	9,512	9,898	9,665	9,233	C 02.00 (r0470, c0010)		
Position, foreign exchange and commodities risks (Market risk)	18,432	15,791	16,958	18,742	C 02.00 (r0520, c0010)		
Of which the standardised approach	9,305	7,521	8,904	10,284	C 02.00 (r0530, c0010)		
Of which IMA	9,127	8,270	8,054	8,458	C 02.00 (r0580, c0010)		
Of which securitisations and resecuritisations in the trading book	474	300	261	298	C 13.00 (r0310, d5601)*12.54+C 20.00 (r0310, d+659)*12.54+MAK(C 24.00(r0310, d3090),C 24.00(r0310, d3100),C 24.00(r0310, d3110))*12.5		
Large exposures in the trading book	0	0	0	0	C 02.00 (r0680, c0010)		
Operational risk	61,645	62,702	63,161	63,759	C 02.00 (r0590, c0010)		
Of which basic indicator approach	0	0	0	0	C 02.00 (r0600, c0010)		
Of which standardised approach	61,645	62,702	63,161	63,759	C 02.00 (r0610, c0010)		
Of which advanced measurement approach	0	0	0	0	C 02.00 (r0620, c0010)		
Other risk exposure amounts	25	24	590	489	C 02.00 (r0630, c0010) + C 02.00 (r0690, c0010)		
Total	616,738	609,266	620,709	631,149			

¹ The positions "of which" are for information and do not need to sum up to Credit risk (excluding CCR and Securitisations)

² On-balance sheet exposures related to Free Deliveries [according to Article 379(1)] have not been included in 'Counterparty Credit Risk (CCR, excluding CVA). They are instead reported in the 'Credit Risk (excluding CCR and Securitisations)' section.





2023 EU-wide Transparency Exercise P&L Banco Santander, S.A.

(min EUR)	As of 30/09/2022	As of 31/12/2022	As of 31/03/2023	As of 30/06/2023
Interest income	50,635	71,872	23,933	50,018
Of which debt securities income	7,315	10,366	3,341	7,217
Of which loans and advances income	41,719	58,194	17,948	37,036
Interest expenses	21,993	33,029	13,511	29,025
(Of which deposits expenses)	13,200	20,395	9,110	19,824
(Of which debt securities issued expenses)	5,896	8,549	2,941	6,087
(Expenses on share capital repayable on demand)	0	0	0	0
Dividend income	422	487	63	381
Net Fee and commission income	8,822	11,728	3,020	6,061
Gains or (-) losses on derecognition of financial assets and liabilities not measured at fair value through profit or loss, and of non financial assets, net	322	151	41	290
Gains or (-) losses on financial assets and liabilities held for trading, net	1,148	857	801	267
Gains or (-) losses on financial assets and liabilities at fair value through profit or loss, net	958	1,118	-274	-170
Gains or (-) losses from hedge accounting, net	102	60	10	108
Exchange differences [gain or (-) loss], net	-1,430	-545	167	1,084
Net other operating income /(expenses)	-5	-131	-289	-476
TOTAL OPERATING INCOME, NET	38,982	52,568	13,960	28,538
(Administrative expenses)	15,422	20,917	5,351	10,864
(Cash contributions to resolution funds and deposit guarantee schemes)	898	1,259	155	577
(Depreciation)	2,242	2,985	788	1,602
Modification gains or (-) losses, net	-485	-630	-116	-264
(Provisions or (-) reversal of provisions)	1,318	1.900	652	1,350
(Payment commitments to resolution funds and deposit guarantee schemes)	0	0	0	0
(Commitments and guarantees given)	-58	-26	45	9
(Other provisions)	1,376	1,927	607	1,342
Of which pending legal issues and tax litigation ¹	0	79	0	0
Of which restructuring ¹	0	-109	0	0
(Increases or (-) decreases of the fund for general banking risks, net) ²	0	0	0	0
(Impairment or (-) reversal of impairment on financial assets not measured at fair value through profit or loss)	7,386	10,305	3,187	5,972
(Financial assets at fair value through other comprehensive income)	6	7	-2	-6
(Financial assets at amortised cost)	7,380	10,298	3,189	5,978
(Impairment or (-) reversal of impairment of investments in subsidaries, joint ventures and associates and on non-financial assets)	79	203	20	89
(of which Goodwill)	0	0	0	0
Negative goodwill recognised in profit or loss	0	0	0	0
Share of the profit or (-) loss of investments in subsidaries, joint ventures and associates	582	790	141	325
Profit or (-) loss from non-current assets and disposal groups classified as held for sale not qualifying as discontinued operations	-12	5	-6	-53
PROFIT OR (-) LOSS BEFORE TAX FROM CONTINUING OPERATIONS	11,721	15,164	3,827	8,091
PROFIT OR (-) LOSS AFTER TAX FROM CONTINUING OPERATIONS	8,224	10,765	2,866	5,813
Profit or (-) loss after tax from discontinued operations	0	0	0	0
PROFIT OR (-) LOSS FOR THE YEAR	8,224	10,764	2,866	5,813
Of which attributable to owners of the parent	7,316	9.605	2.571	5,241

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Of Ministration available only as of end of the year
(²) For IFRS compliance banks "zero" in cell "Increases or (-) decreases of the fund for general banking risks, net" must be read as "n.a."

Total Assets: fair value and impairment distribution Banco Santander, S.A.

(min EUR)		As of 30/09/20	22			As of 31/	12/2022		As of 31/03/2023					As of 30/0				
		Fa	ir value hierarc	hy		R	air value hierarch	ıy		Fair value hierarchy			Fa	ir value hieraro	hy			
ASSETS:	Carrying amount	Level 1	Level 2	Level 3	Carrying amount	Level 1	Level 2	Level 3	Carrying amount	Level 1	Level 2	Level 3	Carrying amount	Level 1	Level 2	Level 3	References	
Cash, cash balances at central banks and other demand deposits	246,866				223,193				203,508				207,605				IAS 1.54 (i)	
Financial assets held for trading	179,627	41,471	137,613	544	155,932	44,984	110,560	388	172,692	52,168	119,734	790	183,651	61,028	121,582	1,041	IFRS 7.8(a)(i);IFRS 9.Appendix A	
Non-trading financial assets mandatorily at fair value through profit or loss	4,109	234	2,097	1,779	4,201	239	2,270	1,692	4,176	123	2,348	1,705	4,286	87	2,434	1,765	IFRS 7.8(a)(ii); IFRS 9.4.1.4	
Financial assets designated at fair value through profit or loss	7,804	143	7,484	177	7,030	48	6,861	122	7,187	76	6,953	158	6,935	77	6,737	121	IFRS 7.8(a)(i); IFRS 9.4.1.5	
Financial assets at fair value through other comprehensive income	75,682	54,478	16,279	4,925	72,437	51,406	15,385	5,647	71,009	51,371	13,276	6,362	73,184	52,319	14,247	6,617	IFRS 7.8(h); IFRS 9.4.1.2A	
Financial assets at amortised cost	1,176,785				1,151,081				1,170,106				1,185,227				IFRS 7.8(f); IFRS 9.4.1.2	
Derivatives – Hedge accounting	11,798	0	11,798	0	8,335	3	8,332	0	7,208	0	7,208	0	7,768	0	7,767	1	IFRS 9.6.2.1; Annex V.Part 1.22; Annex V.Part 1	
Fair value changes of the hedged items in portfolio hedge of interest rate risk	-5,510				-3,749				-3,038				-4,711				IAS 39.89A(a); IFRS 9.6.5.8	
Other assets ¹	105,493				102,178				101,865				101,460					
TOTAL ASSETS	1,802,655				1,720,638				1,734,713				1,765,405				IAS 1.9(a), IG 6	

As of 30/09/2022 As of 31/12/2022 As of 31/03/2023 As of 30/06/2023 (min EUR) Accumulated impairment (2) Gross carrying amount (2) nulated impairment (2) nulated impairment ⁽²⁾ Accumulated impairment (2) Gross carrying amount (2) Gross carrying amount (2) Acci Gross carrying amount (2) Stage 2 Assets with significant increase in credit risk since initial recognition but not credit-impaired Stage 2 Assets with significant increase in credit risk since initial recognition but not credit-imposited Stage 2 Assets with significant increase in edit risk since initial ecognition but not credit-imposited Stage 2 Assets with significant increase in credit risk since initial recognition but not credit-impaired Stage 2 Assets with significant increase in credit risk since (initial recognition but not credit-investigned Stage 2 Assets with Stage 2 Assets wit Stage 2 Stage 1 Stage 1 Assets with significant crease in credit significant increase in edit risk since initial cognition but not credit-Stage 1 Assets without significant increase in credit risk since initial recognition References Stage 3 redit-impain significant increase in credit risk since initial Stage 3 redit-impaire assets Stage 3 redit-impain assets sets withou significant Stage 3 Tredit-impaire assets Stage 3 redit-impair assets Stage 3 Stage 3 redit-impair dit-impa assets asset assets isk since initia risk since initia cognition but not creditrecognition Annex V.Part 1.31, 44(b) 68,286 0 6 -4 0 -5 64,775 0 6 -4 0 -5 62,235 0 6 -5 0 -5 64,323 0 6 -4 0 -6 Financial assets at fai value through other comprehensive incom -6 -4 -8 -15 -3 0 161 37 -3 -14 -7 -4 -49 Annex V.Part 1.32, 44(a) Loans and advance 7,497 219 70 8,031 184 18 8,342 -13 8,524 160 91 68,142 204 368 -21 -12 -198 73,143 75 397 -20 -2 -193 83,548 93 407 -19 -4 -215 91,171 85 438 -25 -3 -233 Annex V.Part 1.31, 44(b) Debt securitie 72,760 33,575 1.029.606 68,364 34,079 -4,558 -5,271 -14,359 999,226 67,589 33,187 -3,716 -5,152 -13,896 1,005,128 70,490 32,971 -3,993 -5,172 -13,587 1,009,878 -3,941 -5,225 -14,131 Annex V.Part 1.32, 44(a)

(1) This table covers IFRS 9 specific information and as such only applies for IFRS reporting banks.

(7) From June 2021, the gross carrying amount of assets and accumulated impairments that are purchased or originated as credit-impaired at initial recognition are not included in the impairment stages, as it was the case in previous periods.





Breakdown of liabilities

Banco Santander, S.A.

(mln EUR)

		Carrying) amount		
LIABILITIES:	As of 30/09/2022	As of 31/12/2022	As of 31/03/2023	As of 30/06/2023	References
Financial liabilities held for trading	132,464	115,050	123,619	134,769	IFRS 7.8 (e) (ii); IFRS 9.BA.6
Trading financial liabilities ¹	0	0	0	0	Accounting Directive art 8(1)(a),(3),(6)
Financial liabilities designated at fair value through profit or loss	29,209	40,600	37,746	37,300	IFRS 7.8 (e)(i); IFRS 9.4.2.2
Financial liabilities measured at amortised cost	1,496,509	1,426,165	1,432,134	1,448,743	IFRS 7.8(g); IFRS 9.4.2.1
Non-trading non-derivative financial liabilities measured at a cost-based method ¹	0	0	0	0	Accounting Directive art 8(3)
Derivatives – Hedge accounting	11,368	9,282	9,412	10,349	IFRS 9.6.2.1; Annex V.Part 1.26
Fair value changes of the hedged items in portfolio hedge of interest rate risk	-110	-117	-139	-309	IAS 39.89A(b), IFRS 9.6.5.8
Provisions	8,358	8,179	8,125	8,431	IAS 37.10; IAS 1.54(I)
Tax liabilities	10,421	9,440	9,234	9,339	IAS 1.54(n-o)
Share capital repayable on demand	0	0	0	0	IAS 32 IE 33; IFRIC 2; Annex V.Part 2.12
Other liabilities	15,161	14,506	15,148	14,790	Annex V.Part 2.13
Liabilities included in disposal groups classified as held for sale	0	0	0	0	IAS 1.54 (p); IFRS 5.38, Annex V.Part 2.14
Haircuts for trading liabilities at fair value ¹	0	0	0	0	Annex V Part 1.29
TOTAL LIABILITIES	1,703,378	1,623,107	1,635,278	1,663,413	IAS 1.9(b);IG 6
TOTAL EQUITY	99,277	97,530	99,435	101,992	IAS 1.9(c), IG 6
TOTAL EQUITY AND TOTAL LIABILITIES	1,802,655	1,720,638	1,734,713	1,765,405	IAS 1.IG6

(1) Portfolios which are nGAAP specific, i.e. which are not applicable for IFRS reporting banks



Breakdown of liabilities

Banco Santander, S.A.

(mln EUR)

			Carrying	amount		
Breakdown of financial liabilities l	by instrument and by counterparty sector	As of 30/09/2022	As of 31/12/2022	As of 31/03/2023	As of 30/06/2023	References
Derivatives		93,773	74,038	72,385	72,518	IFRS 9.BA.7(a); CRR Annex II
Short positions	Equity instruments	1,065	995	736	516	IAS 32.11; ECB/2013/33 Annex 2.Part 2.4-5
Short positions	Debt securities	17,749	21,520	21,705	21,836	Annex V.Part 1.31
	Central banks	152,457	84,450	81,624	75,689	Annex V.Part 1.42(a), 44(c)
	of which: Current accounts / overnight deposits	1	0	28	0	ECB/2013/33 Annex 2.Part 2.9.1
	General governments	41,500	45,359	49,840	48,282	Annex V.Part 1.42(b), 44(c)
	of which: Current accounts / overnight deposits	33,521	33,894	38,212	35,336	ECB/2013/33 Annex 2.Part 2.9.1
	Credit institutions	83,267	80,052	97,844	107,319	Annex V.Part 1.42(c),44(c)
Deposits	of which: Current accounts / overnight deposits	5,339	6,460	5,748	5,858	ECB/2013/33 Annex 2.Part 2.9.1
Deposits	Other financial corporations	131,463	133,799	142,956	149,951	Annex V.Part 1.42(d),44(c)
	of which: Current accounts / overnight deposits	36,973	34,260	32,962	32,811	ECB/2013/33 Annex 2.Part 2.9.1
	Non-financial corporations	288,856	295,247	272,293	274,963	Annex V.Part 1.42(e), 44(c)
	of which: Current accounts / overnight deposits	181,053	185,051	166,762	165,929	ECB/2013/33 Annex 2.Part 2.9.1
	Households	531,086	534,908	533,402	540,229	Annex V.Part 1.42(f), 44(c)
	of which: Current accounts / overnight deposits	465,038	456,975	442,809	435,989	Annex V.Part 1.42(f), 44(c)
Debt securities issued		289,148	283,780	290,271	294,787	Annex V.Part 1.37, Part 2.98
Of which: Subordin	ated Debt securities issued	26,491	25,753	25,403	26,901	Annex V.Part 1.37
Other financial liabilities		39,185	36,951	39,854	45,073	Annex V.Part 1.38-41
TOTAL FINANCIAL LIABILITIES		1,669,549	1,591,099	1,602,911	1,631,162	

EBA ELECTEAN

2023 EU-wide Transparency Exercise

Market Risk Banco Santander, S.A.

	SA			IM												IM						
			VaR <i>(Memoral</i>	ndum item)	STRESSED VaR (/	Memorandum item)	AND MIC	NTAL DEFAULT RATION RISK AL CHARGE	ALL PRICE	RISKS CAPIT/ FOR CTP	AL CHARGE		VaR (Memor	andum item)	STRESSED VaR (A	lemorandum item)			ALL PRICE	RISKS CAPIT/ FOR CTP	AL CHARGE	
(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)	12 WEEKS AVERAGE MEASURE	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		FLOOR	12 WEEKS AVERAGE MEASURE	LAST MEASURE	TOTAL RISK EXPOSURE AMOUNT
Ī	As of 30/09/2022	As of 31/12/2022				As of 30/	09/2022									As of 31/1	2/2022					
Traded Debt Instruments Of which: General risk Of which: Specific risk Equities Of which: General risk Of which: Specific risk Foreign exchange risk Commodities risk Total	3,614 2,093 1,496 346 165 128 4,469 869 9,293	3,574 1,940 1,626 241 43 73 3,303 403 7,520	253 191 63 39 39 0 68 0 228	80 53 27 13 13 0 18 0 59	494 277 216 91 91 91 0 87 0 446	122 67 55 26 26 0 22 0 111	56	36	0	0	0	9,127	316 234 82 47 47 0 66 0 236	69 47 22 19 19 0 21 0 52	465 248 217 79 79 0 90 0 90 0 379	123 62 60 25 25 0 24 0 91	47	37	0	0	0	8,270
	As of 31/03/2023	As of 30/06/2023				As of 31/	03/2023									As of 30/0	6/2023					
Traded Debt Instruments Of which: General risk Of which: Specific risk Equities Of which: General risk Of which: Specific risk Foreign exchange risk Commodities risk	4,606 2,465 2,115 177 44 64 3,641 387	4,813 2,806 2,000 230 64 75 4,722 4,722 447	249 193 56 61 61 0 59 0	68 50 19 20 20 0 25 0	409 323 86 105 105 0 124 0	108 81 27 37 37 0 38 0							240 195 46 37 37 0 60 0	75 57 18 14 14 14 0 20 0 0	469 391 78 98 98 0 126 0	145 124 22 37 37 0 49 0						
Total	8,811	10,212	193	54	355	104	96	88	0	0	0	8,054	202	55	384	137	91	89	0	0	0	8,458

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.



EBA Lever 2023 EU-wide Transparency Exercise Credit Risk - Standardised Approach

Banco Santander, S.A.

		Standardised Approach												
			As of 30/09/	2022			As of 31	12/2022						
	(min 528, %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ⁴	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions					
	Central governments or central banks	386.429	440,608	26.733		361.810	415.636	26.596						
	Central governments or central banks Regional governments or local authorities	1,720	1,490	26,733		1,927	1,617	20,590						
	Public sector entities	7,303	7,352	440		4,660	4.810	410						
	Multilateral Development Banks	1,969	4,463	0		2,618	5,233							
	International Organisations	1,154	1.154	0		681	681	0						
	Institutions	32,216	29,450	6,236		29,145	26,326	5,152						
	Corporates	97,852	57,801	53,848		92,119	54,561	50,517						
	of which: SME	20,891	14,477	11,459		21,311	14,807	11,776						
	Retail	249,926	148,124	104,590		240,027	140,495							
Consolidated data	of which: SME	56,267	32,740	19,375		55,688	32,656	19,262						
Consolidated data	Secured by mortgages on immovable property	111,907	97,337	35,762		110,813	96,207	35,103						
	of which: SME	32,032	29,250	9,615		34,387	31,489	10,348						
	Exposures in default	21,678	11,494	12,331	9,434	21,494	11,592	12,253	9,165					
	Items associated with particularly high risk	1,256	946	1,418		1,377	943	1,414						
	Covered bonds	1,641	1,641	238		1,728	1,728	257						
	Claims on institutions and connorates with a ST credit assessment	450	568	353		193	312	170						
	Collective investments undertakings (CIU)	179	179	208		158	158	158						
	Eauity	98 102 500	98	98		135 101.780	135	135						
	Other exoosures		89,785	47,939				47,100						
	Standardised Total ²	1,018,279	892,491	290,546		970,666	849,144	278,453	16,036					

 2004 vigres, chick and chick an ts and provisions for the consolidated data include general credit risk adjustments, for the consistency with the data per country of counterparty

		Original Exposure ⁴	As of 30/09/	2022			As of 31/	12/2022			
Regional g		0.1.1.1.1.5				As of 31/12/2022					
Regional g	(min EUR, %)	original Exposure		Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²		
	governments or central banks	134,110	166,554	10,127		110,961	144,108	10,230			
	l governments or local authorities	113	113	15		163	162	33			
		1,758	1,906 363	41		1,563	1,857	38			
	eral Development Banks tional Organisations	0	363	0		0	325				
Internation		3,469	3.473	934		3.020	3,037	631			
Corporates		5,758	3,473	3.522		5,702	3,756	3,599			
of which:		789	626	488		862	699	543			
Retail		12,024	3.720	2.696		14.171	4.415	3,209			
of which:	ch: SME	780	545	316		806	580	335			
SPAIN Secured by	by mortgages on immovable property	7,364	7,323	2,663		5,976	5,931	2,152			
of which:		67	66	20		67	65	19			
	es in default	1,942	1,534	1,539	405	1,668	1,337	1,346	316		
	ssociated with particularly high risk	15	15	23		13	13	19			
Covered bo		0	0	0		0	0	0			
	in institutions and corporates with a ST credit assessment	18	15	15		17	14	14			
	re investments undertakinos (CIU)	100	100	94		12/	12/	116			
Equity Other expo		36.072	20.772	14.733		37.102	21.313	15.253			
Other expo											

⁽¹⁾ Orional eccesars. unlike Excesars value, is recorded before taking into account any effect due to most convenien factors or endst nik missation technicars (e.g. subs (2) Total value adjustments and provisions per country of counterpany excludes those for securitisation exposures but includes general credit nik adjustments.

					Standardised A	pproach			
			As of 30/09/	2022			As of 31,	12/2022	
	(min 202. %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²
1	Central governments or central banks	65.738	69.555	0		66.634	70.370	5	
	Regional governments or local authorities	0	0	0		0	0	0	
	Public sector entities	0	0	0		0	0	0	
	Multilateral Development Banks	1,281	1,281	0		1,178	1,178	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	3,739	3,904	459		4,047	3,801	394	
	Corporates	13,283	7,729	7,102		12,545	7,280	6,609	
	of which: SME	2,617	2,211	1,802		2,864	2,469	2,007	
	Retail	22,409	9,325	6,872		21,053	8,262	6,114	
UNITED KINCDOM	of which: SME	1,985	1,023	646		1,462	634		
UNITED KINGDOM	of which: SME Secured by mortgages on immovable property	1,760	1,746	729		1,776	1,763	726	
		358	349	198		415	405		
	Exposures in default	637	265	330	138	692	287	341	179
	Items associated with particularly high risk	27	18	27		186	26	38	
	Covered bonds	1,499	1,499	224		1,620	1,620	246	
	Claims on institutions and corporates with a ST credit assessment	57	57	27		9	9	4	
	Collective investments undertakings (CIU)	0	0	0		0	0	0	
	Eaulty	0	0	0		0	0	0	
	Other exposures	7,713	7,707	4,370		7,881	7,877	4,423	
	Standardised Total ²				499				539

⁽¹⁾ Octoinal accessing, unlike Docume values, in recorded before taking into accessing which due to exolit conversion factors or could risk initiation techniause (a.e. substitution effects). (2) Total value adjustments and provisions per country of counterparty excludes times for incursionility exposures but includes general credit risk adjustments. Standardised Approach

			As of 30/09/	2022			As of 31	/12/2022	
	(min 518, %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure*	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²
	Central governments or central banks	52,293	52,989	0		58,432	58,929		
	Regional governments or local authorities	452	448	52		412	409	57	
	Public sector entities	1,548	1,543	201		1,509	1,505	198	
	Multilateral Development Banks	137	1,235	0		94	94	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	12,494	11,739	2,077		10,535	10,083		
	Corporates	24,144	11,387	10,801		21,105	10,036		
	of which: SME	2,843	1,308	992		3,123	1,397	1,085	
	Retail	50,894	41,102	30,278		44,278	35,222		
UNITED STATES	of which: SME	4,043	3,106	1,781		4,111	3,165		
ONTICE STATES	Secured by mortgages on immovable property	32,785	23,417	8,626		30,950	22,041	7,860	
	of which: SME	7,425	7,026	1,985		8,283	7,922	2,219	
	Exposures in default	5,074	3,111	3,317	1,844	5,191	3,324	3,542	1,761
	Items associated with particularly high risk	1	1	2		1	1	1	
	Covered bonds	0	0	0		0	0	0	
	Claims on institutions and corporates with a ST credit assessment	0	99	49		0	101	50	
	Collective investments undertakings (CIU)	0	0	0		0	0	0	
	Eouity	0	0	0		0	0	0	
	Other exposures	16.082	17.549	10.570		16.285	17.582	10.176	
									2 072

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		Standardised Approach								
			As of 30/09/	2022			As of 31,	/12/2022		
	(min FIR %)	Original Exposure ¹	Exposure Value ³	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ³	
	Central governments or central banks	41.366	40,735	11.625		37.606	36.986	11,163		
	Regional governments or local authorities	415		197		377	208	183		
	Public sector entities	2,608	2,608	0		187	187	0		
	Multilateral Development Banks	0	0	0		0	0	0		
	International Organisations	0	0	0		0	0	0		
	Institutions	3,928	3,601	1,201		4,236	3,871	1,171		
	Corporates	14,262	10,533	9,681		12,758	8,918	8,195		
	of which: SME	4,305	3,433	2,711		3,962	3,086	2,454		
	Retail	68,864		25,657		65,278	35,811	24,084		
00470	of which: SME	22,004	12,054	7,050		20,776	11,309			
BRAZIL	Secured by mortgages on immovable property	11,896		3,766		12,072	11,360			
	of which: SME	4,205		1,174		4,969	4,587			
	Exposures in default	6,897	2,798	3,087	4,028	6,912	2,939		3,910	
	Items associated with particularly high risk	429	187	280		409	210	315		
	Covered bonds	0	0	0		0	0	0		
	Claims on institutions and corporates with a ST credit assessment	62	62	93		0	0	0		
	Collective investments undertakings (CIU)	0	0	0		0	0	0		
	Equity	0	0	0		0	0	0		
	Other exposures	19,691	19,691	6,645		18,697	18,697	6,541		
	StandardEed Total ²				6.076				5.759	

Contrait ensuine, unitée Escoure valeur, la recorde Jaifor taite autor autor d'étable de contrait contraite ensuine, unitée Escoure valeur, la recorde d'étable de la contraite ensuine ensuine la contraite de la contraite ensuine ensuine en



EBA REFERENCE 2023 EU-wide Transparency Exercise Credit Risk - Standardised Approach

Banco Santander, S.A.

		Standardised Approach									
			As of 30/09/	2022			As of 31	/12/2022			
		Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²		
	(min EUR, %)										
MEXICO	Control associations of control basis Resolution associations for basis Pacific associations for the solution of the Pacific associations of the solution of the Institutions of the solution of the solution of the Comparison of the solution of the solution of the Institution of the solution of the solution of the Read of the nonclassics on institute allowers's Read of the solution	21,933 0 0 964 1,579 314 16,730 3,166 10,156 1,035 1,174	22,533 0 0 0 1,185 142 8,449 1,920 9,789 1,004 781	2,621 0 0 0 1955 1,154 110 6,113 1,216 3,448 325 859		18,056 0 0 1,314 1,389 287 16,606 4,161 9,833 1,013 1,065	19,322 0 0 1,047 1,041 131 8,400 2,388 8,854 943 7,19	0 0 136 1,011 101 1,393 3,112 303	313		
	Them sensoriated with and/colarly high risk Conversed book? Chains on institutions and concentrates with a ST credit assessment Callective investments undertakings (CUU) South Concentrations (CUU) Standardinetise Toda ¹²	0 0 107 0 4,310	0 0 107 0 4,309	0 54 0 1,902	970	0 0 0 4,847	0 0 0 4,847	0 0 0 2,171	95		
									951		
		⁽¹⁾ Orioinal exposure, unlike Ecosure value (2) Total value adjustments and provisions					ubstitution effects).				

		Standardised Approach											
			As of 30/09,	2022			As of 31	/12/2022					
	(min EUR, %)	Original Exposure ¹	Exposure Value ³	Risk exposure amount	Value adjustments and provisions ²	Original Exposure*	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²				
	Central oovernments or central banks Regional oovernments or local authorities Public sector entities	9,789 10	11,063 8 0	48		11,304 120	12,441 33	233 7 0					
	Public account of the second s	0	122 0 71	0		0	- 0 0	0					
	Corporates of which: SME	5,941 2,995	4,385 2,312	6 3,923 1,858		5,542 2,865	4,094 2,227	3,648 1,795					
CHILE	Retail of which: SME Secured by mortaaces on immovable property	14,512 7,253 25,178	4,777 2,200 23,250	3,199 1,266 8,086		14,633 7,226 26,195	5,093 2,268 24,330						
	of which: SME Excosures in default Items associated with particularly high risk	14,538 2,130 687	13,187 1,287 666	4,326 1,310 1,000	787	14,912 2,316 678	13,608 1,386 662	4,395 1,408 993	862				
	Covered bonds Claims on institutions and corporates with a ST credit assessment Collective investments undertakings (CIU)	0	0	0		0	0 2	0					
	Equity Other exposures	0 5,522	0 5,522	0 1,334	1.233	0 5,251	0 5,234	0 1,199	1,298				
	Standardised Total ²	(*) Original exposure, unlike Exposure valu	a, is reported before taking int	n account any effect due to me			ubstitution effects)		1,298				
		(2) Total value adjustments and provision											

As of 31/12/2022 As of 30/09/2022 /alue adji prov amount Fvn 10,781 239 40 10 0 2,544 11,792 1,624 9,262 3,701 17,481 2,969 1,502 15,244, 213 85 633 0 938 4,569 865 6,520 2,177 15,535 2,412 560 994 43 30 0 110 4,582 989 4,543 1,314 6,398 1,145 677 67 234 213 134 560 0 419 4,840 1,244 6,601 2,295 15,613 2,626 630 1,812 11,729 2,292 9,566 4,026 17,487 3,317 1,572 199 4,387 687 4,502 1,245 6,326 1,033 594 POLAND

(2) Tot

					Standardised A	pproach			
			As of 30/09/	2022			As of 31,	12/2022	
	(min EUR, %)	Original Exposure ¹	Exposure Value ³	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²
1	Central governments or central banks	6.410	7.381	29		3,975	5,203	35	
	Regional governments or local authorities	315	310	2		394	389	2	
	Public sector entities	767	767	0		766	766	0	
	Multilateral Development Banks	0	0	0		0	0	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	1,134	1,122	102		470	444	86	
	Corporates	4,752	3,736	3,621		5,717	4,603	4,373	
	of which: SME	617	562	447		727	673	533	
	Retail	10,973	7,311	5,161		10,896	7,471	5,201	
GERMANY	of which: SME	4,016	2,816			3,946	2,899	1,871	
GERMAN	Secured by mortgages on immovable property	152	140	56		142	133	53	
	of which: SME	95	93 132			91	88	32 120	
	Exposures in default	179	132	148	31	144	99	120	32
	Items associated with particularly high risk	15	14	21		15	0	0	
	Covered bonds	0	0	0		0	0	0	
	Claims on institutions and corporates with a ST credit assessment Collective investments undertakings (CIU)	3	2	2		0	0	0	
1	Collective investments undertakings (CLU) Equity	0	0	0					
1	Courter exposures	4.814	4.814	4.565		4.006	4.005	3,790	
	Standardised Total ²	-,011	1,011	4,000	73	4,000	4,000	3,730	81
	Standardised Total*				/3				

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			As of 30/09/	2022		As of 31/12/2022				
	(min 208, %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	
	Central governments or central banks	15,226	17,472	44		12,849	14,455	52		
	Regional governments or local authorities	33	34	7		31	31	6		
	Public sector entities	411	291	23		395	231			
	Multilateral Development Banks	0	98	0		0	98	0		
	International Organisations	0	0	0		0	0	0		
	Institutions	427 642	419	25		482 344	470 267			
	Corporates of which: SME	117	103	26/		111	26/			
	Retail	1,337	801	525		1.493	850	560		
DODTINGAL	of which: SME	609	432	248		608	444			
PORTUGAL	Secured by mortgages on immovable property	2,737	2,687	949		3,846	3,823	1,363		
	of which: SME	541	528	171		516	505	163		
	Exposures in default	456	166	181	234	448	179		21	
	Items associated with particularly high risk	72	38	56		45	25	37		
	Covered bonds	0	0	0		0	0	0		
	Claims on institutions and corporates with a ST credit assessment	0	5	115		0	20	0		
	Collective investments undertakings (CIU) Equity	/2	/2 0	115		30	30	42		
	Other exposures	1.472	1.357	776		1.300	1.183	771		
	Standardised Total ²				345				283	
		⁽¹⁾ Original exposure, unlike Exposure value (2) Total value adjustments and provision					ubstitution effects).			

					Standardised A	pproach			
			As of 30/09/	2022			As of 31,	12/2022	
		Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	
	(min EUR, %)								
	Central governments or central banks	3,514	5,534	5		3,868	5,710	9	
	Regional governments or local authorities	70	70	14		72	72	14	
	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	230	
	Institutions	919 903	895 701	214		853 1,082	902	230	
	Corporates	903	/01 219	385		1,082	900	505	
	of which: SME Retail	1,122	1.032	708		1,244	1,166	795	
	of which: SME	1,122	450	272		1,244	1,100	339	
FRANCE	Secured by mortpages on immovable property		19			19	18	5.57	
	of which: SME	10	2	1		4	4	1	
	Exposures in default	82	28	30	54	90	28	31	
	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	1	0	0		0	0	0	
	Collective investments undertakings (CIU)	0	0	0		0	0	0	
	Eauity	0	0	0		0	0	0	
	Other exposures	620	620	285		551	551	295	
	Standardised Total ²				71				

⁽³⁾ Ontrinel excessive, unlike Excessive values, in recented before takins into account any effect due to credit convension factors or ends with initiation technicaes (2) Total value adjustments and provisions per country of counterparty encludes those for securitization exposures but includes general credit risk adjustments.



2023 EU-wide Transparency Exercise Credit Risk - Standardised Approach

Banco Santander, S.A.

			Standardised Approach									
			As of 31,	03/2023			As of 30,	06/2023				
		Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments an provisions			
	(min ELR, %)	355.711	204.644	27.340		364,604	401.046	27.767				
	Central oovernments or central banks Regional governments or local authorities	355,/11 16.133	394,611 14,950	27,340		364,604	401,046 15,361	27,767				
	Regional governments or local authorities Public sector entities	6,702	6,585	382		7,763	7,219	403				
	Multilateral Development Banks	2,490	4,968	27		3,177	6,300	410				
	International Organisations	234	209			1,268	1.293	0				
	International Organisations Institutions	31,529	27,291	5.822		26.511	23,360	4.760				
	Connectors	92,892	56.391	52.373		97,907	61.033	56,840				
	of which SME	22.234	15.639	12,495		22,893	16.354	13.083				
	Retail	246,356	143.133	100.495		250.521	144,100	100.973				
	of which: SME	57,761	33,959	19.958		62,218	34,865	20,441				
Consolidated data	Secured by mortgages on immovable property	110,192	96,026	34,992		112,460	97,979	35.579				
	of which SME	36,385	33,397	10.895		37,604	34,115	11,122				
	Evnosures in default	21.947	11.852	12.512	9.432	23.083	12.525	13.195	9.85			
	Tems accoriated with narticularly high rick	1.339	1.002	1.503		905	784	1.176				
	Covered honds	1,809	1,809	272		2.065	2,065	321				
	Claims on institutions and connorates with a ST credit assessment	48	160	96		203	327	169				
	Collective investments undertakings (CIU)	164	164	156		230	230	209				
	Equity	109	109	109		86	86	86				
	Other exposures	105,430	91,408	49,582		104,721	90,233	47,998				
	Standardised Total ²	993,084	850,667	286,096	16,187	1,011,951	863,941	289,955	16,66:			

(1) Obgring sequence, units Eposen unique, a sproted allers lating the accord any effect due to exitit on exitit can exitit due relatingsion technique (e.g. aduatidates) of exitit due to exitit can exitit due relativation and exititation and exitit due to accord and exititation and exitit due to exitit due

		Standardised Approach									
			As of 31,	/03/2023			As of 30,	/06/2023			
	(min Fill No.)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²		
	Central governments or central banks	99,601	120,308	9,408		108,830	127,414	8,622			
	Regional governments or local authorities	14,049	13,438			14,545	13,814	14			
	Public sector entities	1,531	1,552	31		4,930	4,506	37			
	Multilateral Development Banks	0	281	0		0	243	0			
	International Organisations	0	0	0		2,625	0	0			
	Institutions Composites	2,599 5,021	2,559 2,916	527 2.805		2,625	2,584	564 3,675			
	of which: SME	5,021	2,916	2,605		5,726	3,783	3,075			
	orwinch: SME Retail	14,804	4,285	398		15.953	5.145	3,722			
	et which: SME	1,100	846	487		1.017	787	453			
SPAIN	Secured by mortgages on immovable property	7,170	7,126	2,579		7.045	7.004	2,537			
	of which: SME	63	63	18		62	61	18			
	Exposures in default	1,753	1,417	1,421	435	1,780	1,476	1,480	30		
	Items associated with particularly high risk	12	12	18		9	9	13			
	Covered bonds	0	0	0		0	0	0			
	Claims on institutions and corporates with a ST credit assessment	14	12	12		12	10	10			
	Collective investments undertakings (CIU)	135	135	116		203	203	172			
	Equity Other emposures	0 40.912	0 24.414	17.874		0 39.852	0 23.100	0			
	Other exposures Standardised Total ²	40,912	24,414	1/,8/4	776		23,100	16,640	64		

(1) Original exposure, unlike Exposure value, in reported before taking into account any effect due to orealt mixerise futions or could mix metapation techniques (u.g. substitution effects).
(2) Total value adjustments and provisions per country of counterparty encludes those for securitization exposures but includes general credit mix adjustments.

					Standardise	ed Approach					
			As of 31,	03/2023			As of 30,	06/2023			
	(mb B28, %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²		
	Central opvernments or central banks	66.261	69.626	4		64,664	67.741	6			
	Regional governments or local authorities	0	0	0			0	0			
	Public sector entities	0	0	0		10	10	2			
	Multilateral Development Banks	1,114	1,114	0		976	976	0			
	International Organisations	0	0	0		0	0	0			
	Institutions	4,120	3,993	502		3,526	3,491	406			
	Corporates	12,966	7,950	7,165		12,480	7,359	6,737			
	of which: SME	3,068	2,680	2,166		2,462	2,100	1,725			
	Retail	21,447	8,418	6,190		20,240	7,225	5,344			
UNITED KINGDOM	of which: SME	1,583	855	519		1,215	584	363 734			
onineb nanoborn	Secured by mortgages on immovable property	1,760 399	1,749	715		1,818 385	1,807	734			
	of which: SME	399	389 254	229	212	385 678	3/5	303	209		
	Exposures in default Items associated with particularly high risk	17	12	18	212	678	35	303	209		
	Items associated with particularly high risk Covered bonds	1.712	1.712	262		1.982	1.982	313			
	Covered bonds Claims on institutions and corporates with a ST credit assessment	3	-,	101		2	2	1			
	Collective investments undertakings (CIU)		, ,	i i		â					
	Equity	0	0	0		0	0	0			
	Other expessives	7,599	7.596	4,514		7,429	7.429	4.454			
	Standardised Total ²				567			1.01	564		
		(1) Original expresses unlike Environe value is nerved a bulne taking into accent any effect due to meet measuring factors or nerkt risk mitivation techniques (n. scholtscholm effects)									

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					Standardisi	sa Approach			
			As of 31/	03/2023			As of 30,	(06/2023	
	(mh E88, %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²
	Central governments or central banks	52,342	52,684	6		55,291	55,218	14	
	Regional governments or local authorities	194	190	38		189	185	37	
	Public sector entities	1,429	1,425	185		1,433	1,432	188	
	Multilateral Development Banks	92	92	0		92	92	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	10,905	9,743 9,494	1,783		10,034 19,548	8,754	1,552	
	Corporates	20,366 2,839	9,494	8,989 961		2,659	9,270		
	of which: SME Retail	43.733	1,238 34,820	961 25,564		2,659 43,347	1,2// 34,888	1,002	
	of which: SME	4,018	34,820	1,775		43,347	2,973		
UNITED STATES	or writen: SME Secured by mortgages on immovable property	29,463	21.058	7,515		29.036	2,973	7,440	
	of which: SNE	9,254	8.834	2,455		9,344	8,947		
	Frances in default	5,470	3,586	3,774	1,798	5,713	3,736		1.895
	Items associated with particularly high risk	1	1	1		-,	0		
	Covered bonds	o o	0	0		0	0	0	
	Claims on institutions and corporates with a ST credit assessment	0	82	41		2	95	48	
	Collective investments undertakings (CIU)	0	0	0		0	0	0	
	Equity	0	0	0		0	0	0	
	Other exposures	16.276	17,400	10.274		15,479	16.421	9.566	
	Standardised Total ²				3,972				3,937

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					Standardise	d Approach			
			As of 31,	/03/2023			As of 30/	06/2023	
	(min F18 %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments an provisions ²
	Central governments or central banks	44.635	43.982	12,740		39,752	39.268	13,875	
	Regional governments or local authorities	477	308	282		501	331	305	
	Public sector entities	2,385	2,385	0		0	0	0	
	Multilateral Development Banks	0	0	0		0	0	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	5,474	4,971	1,475		3,021	3,162	862	
	Corporates	11,688	9,123	8,379		13,217	10,290	9,368	
	of which: SME	3,762	2,922	2,302		4,369	3,320	2,609	
	Retail	67,173	37,209			70,694	38,099	25,347	
BRAZIL	of which: SME	21,179	11,508	6,694		23,608	12,554	7,247	
DIVILLE	Secured by mortgages on immovable property	12,322	11,552			13,892	12,987	4,434	
	of which: SME	5,143	4,711 2,957	1,536	3.906	6,321 7,530	5,772	1,847 3.510	
	Exposures in default	6,919	2,95/ 232	3,096	3,906	/,530	3,355	3,510	4,1
	Items associated with particularly high risk	4/3	232	399		23	23	<i>c</i> .	
	Covered bonds		0	0		0	0	0	
	Claims on institutions and corporates with a ST credit assessment Collective investments undertakings (CIU)	0	0	0		10	10	14	
	Collective investments undertakings (CLU) Equity	0	0	0		0	0	0	
	Eduity Other exposures	18.344	18.344	5,904		19.728	19,589	5.792	
	Standardied Total ²			5,101	5.596			17.55	5.87

(1) Objinal exposes, units Exposes via is reported before taking into account any effect due to evel convention factors or could risk mitigation techniques (e.g. substitution effects). (2) Total vialue alguments and provisions per country of counterparty enducies from for executivation exposures but hexicalse, general could risk alguments.



2023 EU-wide Transparency Exercise Credit Risk - Standardised Approach Banco Santander, S.A.

					Standardise	d Approach			
			As of 31,	03/2023			As of 30,	06/2023	
		Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments a provisions ²
	(min EUR, %)								
	Central governments or central banks	19,682	20,961	2,813		20,554	21,940	2,578	
	Regional governments or local authorities Public sector entities	0	0			0	0	0	
	Multilateral Development Banks	0	0	0		0	0	0	
	International Organisations	0	0	ů			0	0	
	Institutions	1,136	842	166		1,293	976	173	
	Corporates	1,440	1,051	1,023		1.584	1.116	1.087	
	of which: SME	291	135	107		315	137	108	
	Retail	18.406	9,274	6,525		20.415	10.240	7.228	
	of which: SME	4,372	2,592	1,513		4,654	2.796	1.646	
MEXICO	Secured by mortgages on immovable property	10,480	9,460	3,300		11,091	10,049	3,500	
	of which: SME	1,109	1,034	329		1,186	1,110	348	
	Exposures in default	1,168	674	752	345	1,289	718	723	
	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	
	Other exposures	4,328	4,328	2,195		4,334	4,334	2,157	
	Standardised Total ²				1,071				1,3
		(1) Original exposure, unlike E	posure value, is reported befor	e taking into account any effec	t due to credit conversion factor	s or credit risk mitigation technic	ues (e.g. substitution effects)		
		(2) Total value adjustments an	d remaining ner country of cos	nternarty exclusies those fire se	curitisation emocures but includ	is neneral modil risk adjustment			

					Standardise	d Approach			
			As of 31/	03/2023			As of 30,	06/2023	
	(mh EJR, %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ³	Risk exposure amount	Value adjustments and provisions ²
	Central opvernments or central banks	12,198	13,289	181		12,431	13,521	369	
	Regional governments or local authorities	136	18	4		129	18	4	
	Public sector entities	1	0	0		1	0	0	
	Multilateral Development Banks	0	0	0		0	0	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	72	64	5		47	39	3	
	Corporates	6,016	4,544	4,087		5,688	4,107	3,685	
	of which: SME	2,943	2,328	1,881		2,728	2,146	1,733	
	Retail	15,200	5,405	3,646		15,156	5,420	3,660	
CHILE	of which: SME	7,307	2,347	1,353		7,313	2,330	1,343	
CHILL	Secured by mortoages on immovable property	27,774	25,879	8,881		27,843	25,299	8,727	
	of which: SME	15,595	14,275	4,574		15,442	13,728	4,401	
	Exposures in default	2,532	1,522	1,547	937	2,437	1,433	1,456	936
	Items associated with particularly high risk	729	712	1,067		725	692	1,038	
	Covered bonds	0	0	0		0	0	0	
	Claims on institutions and corporates with a ST credit assessment	1	2	1		3	2	1	
	Collective investments undertakings (CIU)	0	0	0		0	0	0	
	Eauitv	0	0	0		0	0	0	
	Other exposures	6,283	6,281	1,256		5,666	5,664	1,184	
	Standardised Total ²				1,386				1,349

Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit nik mitigation techniques (e.g. substitution effects).
 Yorial value adjustments and provisions per country of counterparty endudes those for securitization exposures but includes general credit nik adjustments.

					Standardise	d Approach			
			As of 31,	/03/2023			As of 30/	06/2023	
	(mh EJR, %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments an provisions ²
	Central governments or central banks	11,724	15,629	868		13,279	17,615	935	
	Regional governments or local authorities	230	212	43		273	236	47	
	Public sector entities	103	130	28		105	140	30	
	Multilateral Development Banks	0	492	0		0	444	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	2,117	651	157		2,129	598	154	
	Corporates	12,596	5,240	4,976		13,968	6,064	5,720	
	of which: SME	2,394	1,365	1,105		3,018	1,814	1,474	
	Retail	9,761	6,835	4,693		10,613	7,475	5,139	
POLAND	of which: SHE	4,098	2,438	1,395		4,438	2,644	1,517	
POLAND	Secured by mortgages on immovable property	17,250	15,391	6,351		17,819	15,838	6,553	
	of which: SME	3,478	2,819	1,227		3,548	2,870	1,278	
	Exposures in default	1,542	609	663	886	1,669	648	709	9
	Items associated with particularly high risk	48	9	13		57	5	8	
	Covered bonds	0	0	0		0	0	0	
	Claims on institutions and corporates with a ST credit assessment	0	0	0		0	1	0	
	Collective investments undertakings (CIU)	0	0	0		0	0	0	
	Equity	27	27	27		28	28	28	
	Other exposures	1,473	2,618	689		1,555	2,818	718	
	Chandrash and Tabal				1.204				131

(1) Original exposure, unlike Exposure value, is reported before taking into account any effect due to evel tech integration techniques (e.d., substitution effects). (2) Toda value adjustments and provisors per country of contemparty endudes those for seconstrations exposures list the robatis general cost in adjustments.

					Standardise	ed Approach			
			As of 31,	03/2023			As of 30/	06/2023	
	(m) 538, %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²
	Central governments or central banks	5,708	6,652	36		4,071	4,967	73	
	Regional governments or local authorities	419	412	2		465	458	2	
	Public sector entities	753	753	0		753	753	0	
	Multilateral Development Banks	0	0	0		0	0	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	533	484	88		455	414	139	
	Corporates	6,142	4,987	4,750		6,213	4,985	4,809	
	of which: SME	1,220	1,151	914		892	829	654	
	Retail	11,744	7,558	5,282		8,358	5,021	3,551	
GERMANY	of which: SME	5,211	3,359	2,132		3,654	2,264	1,484	
GEIGBUT	Secured by mortgages on immovable property	134	124	50		131	122	49	
	of which: SME	87	84	30	20	81 131	79	28	
	Exposures in default	134	91	120	29	131	/6	91	43
	Items associated with earticularly high risk Covered bonds	15	0	0		15	0	0	
		0	0	0		0	0	0	
	Claims on institutions and corporates with a ST credit assessment Collective investments undertakings (CIU)		0			0	u 0	0	
			0			0	u 0	0	
	Eaulty	3.956	3.956	3,779		3,990	3.990	3.820	
	Other exposures	3,930	3,930	3,779			3,990	3,820	

 3.056
 3.056
 3.778
 3.090

 (1) Organi exports, unlike Exposure value, a monther before tables that accurat any effect due to cell constrain ficture and providence processing of accuratory modules for sciantificant operations. Bit reducts approximately a science of a constraint modules for sciantificant operations. Bit reducts approximately a

					Standardis	a Approach			
			As of 31/	03/2023			As of 30,	(06/2023	
	(m) 538, %)	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments an provisions ²
	Central governments or central banks	13,228	14,713	103		15,236	16,694	88	
	Regional governments or local authorities	30	32	7		27	28	6	
	Public sector entities	378	215	23		371	214	11	
	Multilateral Development Banks	0	98	0		0	98	0	
	International Organisations	0	0	0		0	0	0	
	Institutions	477	468	39		528	520	32	
	Corporates	612	350	294		640	424	345	
	of which: SME	206	195	149		299	292	223	
	Retail	1,526	817	538		1,542	852	564	
PORTUGAL	of which: SME	587	424	243		579	426	245	
FORTUGAL	Secured by mortgages on immovable property	1,453	1,436	510		1,431	1,415	508	
	of which: SME	418	409	136		401	393	131	
	Exposures in default	390	137	149	200	372	124	134	19
	Items associated with particularly high risk	43	23	35		37	19	29	
	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)	29	29	41		27	27	37	
	Equity	0	0	0		0	0	0	
	Other exposures	1,263	1,148	760		1,421	1,306	857	
	Standardised Total ²				267				26
		 Original exposure, unlike Er Total value adjustments an 							

		As of 31/	Standardised Approach As of 31/03/2023 As of 30/06/2023												
						As of 30/	06/2023								
	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments and provisions ²	Original Exposure ¹	Exposure Value ¹	Risk exposure amount	Value adjustments : provisions ²							
(min EUR. %) ents or central banks	4,626	6,185	10		4,249	5.691	11								
ments or local authorities	4,020	0,105	15		76	76	15								
ities	0	0	0		1	1	0								
looment Banks	0	0	0		0	0	0								
zanisations .	0	0	0		0	0	0								
	971	950	223		897	892	221								
	1,090	932	525		1,524	1,362	871								
	258	241	187		351	328	260								
	1,323	1,233	838 337		1,476	1,405	965 342								
gages on immovable property	595	565	337		608	5/5	342								
ages on immovable property	12	11			12	11									
ault	88	25	27	63	97	30	33								
with particularly high risk		0	0		0	0	0								
	0	0	0		0	0	0								
tions and corporates with a ST credit assessment	7	17	8		0	10	5								
ments undertakinos (CIU)	0	0	0		0	0	0								
	0	0	0		0	0	0								
	468	468	224			525	287								
of .				82											
tions	and corporates with a ST credit assessment	and coreorates with a ST credit assessment 7 I undertakines (CIU) 4468	and consortates with a ST orealit assessment 7 127 undertakines (CIU) 6 0 6 468	and composites with \$ 5T ordeft assessment undertailors (CU) 6 468 468 224	and convolutes with a 51 crostil assessment	and consortates with a 51 croßt assessment undertakloss (CUV)	and consorties with a ST crysil assessment undertaining (CUY) 6 0 0 0 468 468 224 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	and consurdate with a 55 credit assessment and consurdate with a 55 credit assessment andertainese (CIU) 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							

2023 EU-wide Transparency Exercise Credit Risk - IRB Approach

Banco Santander, S.A.

							IRB Ap	proach					
				As of :	30/09/2022					As of :	31/12/2022		
		Original E	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure Value ¹			Value adjustments and
	(min EUR, %)		Of which: defaulted	Value		Of which: defaulted	provisions		Of which: defaulted	Value		Of which: defaulted	provisions
	Central banks and central governments Testitutions	0 68.183	0 13	0 55.117	0 9,765	0	0	0 64.054	0	0 54,720	0 11.422	0	0
	Corporates	383.424	8,866	239.162	125.164	1.577	4.153	368.417	8,689	225.780	123.261	1.619	4,170
	Corporates - Of Which: Specialised Lending	29,622	503	24,629	16,827	0	312	27,296	417	22,342	15,471	0	223
	Corporates - Of Which: SME	44,349	3,089	29,241	18,325	829	1,433	42,838	3,063	28,704	18,904	827	1,500
	Retail	424,807	9,374	396,601	81,628	1,837	4,382	411,462	8,746	385,237	86,718	2,661	3,824
	Retail - Secured on real estate property	327,557	6,104	322,624	47,794	966	1,686	316,402	5,863	313,092	52,778	1,805	1,669
Consolidated data	Retail - Secured on real estate property - Of Which: SME	16,909	1,333	16,747	3,073	298 669	569	16,494	1,246	16,314	4,719	566 1.239	524
consolidated data	Retail - Secured on real estate property - Of Which: non-SM Retail - Qualifying Revolving	310,647 23.233	9,771	305,877 13.950	44,721	57	1,117 298	299,908 22.750	4,617	296,778 13.825	48,059	1,239	1,145 250
	Retail - Other Retail	74.017	3.026	60.027	29.314	814	236	72,310	2.664	58.319	29.393	798	1.905
	Retail - Other Retail - Of Which: SME	31,276	1.848	17,929	7,677	283	1.133	30,769	1,684	17,530	8.574	278	925
	Retail - Other Retail - Of Which: non-SME	42,742	1,178	42.098	21.637	531	1.266	41,541	980	40,789	20.818	521	980
	Equity	9,265	0	9,265	17,890	0		9,419	0	9,419	18,120	0	
	Other non credit-obligation assets				994						1,577		
	IRB Total ²				235,440						241,098		

(c) Operative systems: while Taylound and a simple labels tailor to instantiate sympletic data to cold: common factors or cold: "cell millipation technologies (c.g. cold-millipation), (C.g. Col ked by original exposure

							IRB Ap	proach					
				As of	30/09/2022					As of	31/12/2022		
		Original	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original	Exposure ¹	Exposure Value ¹	Risk exposur	e amount	Value adjustments and
	(min EUR, %)	0 ft which: 0 ft which: provisions defaulted defaulted 0 0 0 0 0 0							Of which: defaulted	value		Of which: defaulted	provisions
	Central banks and central governments	0	0	0		0		0	0	0	0	0	0
	Institutions	13,775	13	5,955	877	2 1.026	11	14,413	0	7,033	1,114	0	13
	Corporates Corporates - Of Which: Specialised Lending	102,574 6.281	5,876	63,368 5.669	40,728 3.732	1,026	2,509	98,621 5.027	5,494	59,605 4.448	42,034 3.134	1,056	2,501
	Corporates - Of Which: Specialised bending Corporates - Of Which: SME	34,335	2.636	22.112	14.025	496	1.164	33.644	2.626	21.951	14.971	535	1,260
	Retail	120.195	5,144	100.312	25,766	1.193	3.041	116.168	4,553	96,761	32,566	1.982	2,493
	Retail - Secured on real estate property	73.630	2,781	73.475	13 539	868	1.281	71.219	2,598	71.045	19,563	1,562	1,218
	Retail - Secured on real estate property - Of Which: SME		1.313	15,964	2.955	296	558	15,714	1,228	15,541	4.576	599	515
SPAIN	Retail - Secured on real estate property - Of Which: non-		1,468	57,511	10.584	571	724	55,505	1,370	55,504	14.987	1.119	704
	Retail - Qualifying Revolving	12,680	117	4.928	1.075	14	153	12.280	88	4.852	1.089	13	105
	Retail - Other Retail	33,885	2,246	21.909	11.151	311	1.607	32,669	1.867	20.854	11.914	291	1.169
	Retail - Other Retail - Of Which: SME	23,007	1,629	11,329	5,087	140	957	22,204	1,451	10,692	5,850	134	742
1	Retail - Other Retail - Of Which: non-SME	10,877	617	10,580	6,065	172	649	10,464	415	10,163	6,054	156	427
1	Equity	8,566	0	8,566	16,384	0	0	8,839	0	8,839	16,895	0	0
1	Other non credit-obligation assets												
	IRB Total												

		As of 30/09/2022								As of 31/12/2022					
		Original E	xposure ¹	Exposure Value ¹	Risk exposur	amount	Value adjustments and	Original E	xposure ¹	Exposure Value ¹	Risk exposur	e amount	Value adjustment: and		
	(min EUR, %)		Of which: defaulted			Of which: defaulted	provisions		Of which: defaulted	• and a		Of which: defaulted	provisions		
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0		
	Institutions	7,885	0	8,604	1,448	0	2	6,795	0	7,784	1,373	0	1		
	Corporates	51,718	132	34,079	17,132	0	219	49,925	120	32,753	16,387	0	192		
	Corporates - Of Which: Specialised Lending	9,032	34	7,688	5,410	0	64	8,370	28	7,065	4,902	0	43		
	Corporates - Of Which: SME	805	43	610	556	0	52	852	46	650	616	0	51		
	Retail	239,413	3,226	234,296	35,855	109	435	230,430	3,173	226,869	34,444	120	465		
	Retail - Secured on real estate property	230,000	3,138	225,231		90	270	221,118	3,082	217,989	29,487	101	299		
UNITED KINGDOM	Retail - Secured on real estate property - Of Which: SME	43	3	43	11	0	2	43	3	43	20	3	1		
	Retail - Secured on real estate property - Of Which: non-Si		3,135	225,187	30,795	90	268	221,074	3,079	217,946	29,467	97	298		
	Retail - Qualifying Revolving	6,989	58	6,651	2,629	9	94	6,905	58	6,595	2,649	9	93		
	Retail - Other Retail	2,424	30	2,415	2,420	10	72	2,407	33	2,284	2,308	11	74		
	Retail - Other Retail - Of Which: SME	21	1	12	5	0	1	17	1	7	4	1	1		
	Retail - Other Retail - Of Which: non-SME	2,403	29	2,402	2,415	10	71	2,391	32	2,278	2,304	10	72		
	Equity	0	0	0	0	0	0	0	0	0	0	0	0		
	Other non credit-obligation assets														
	IRB Total														

							IRB Ap	proach					
				As of :	30/09/2022					As of :	31/12/2022		
		Original	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	nts Original Exposure		Exposure Value ¹	Risk exposure amount		Value adjustments and
	(min ELR, %)		Of which: defaulted	T SIDE		Of which: defaulted	provisions		Of which: defaulted	· · · · ·		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	12,249	0	7,892	1,252	0	3	10,244	0	6,983	1,368	0	4
	Corporates	43,983	151	20,839	7,949	1	70	40,596	98	19,039	7,312	1	58
	Corporates - Of Which: Specialised Lending	3,012	0	2,128	1,475	0	11	3,661	0	2,338	1,605	0	6
	Corporates - Of Which: SME Retail	17 239	2	23 224	27 61	1	0	28 259	2	11 242	10 93	1	0
	Retail - Secured on real estate property	200	1	200	49	0	3	219	1	242	93 80	0	2
	Retail - Secured on real estate property Retail - Secured on real estate property - Of Which: SME	200		200	2	0		11	0	11	4	0	0
UNITED STATES	Retail - Secured on real estate property - Of Which: non-S		ő	191	45	0	1	208	0	208	75	0	0
	Retail - Qualifying Revolving	7	ő	2	1	0		7	0	200	1		0
	Retail - Other Retail	32	1	22	ii	0	2	34	1	21	13	0	1
1	Retail - Other Retail - Of Which: SME	24	0	13	8	0	2	27	0	13	11	0	1
1	Retail - Other Retail - Of Which: non-SME	8	ō	8	3	ō	ō	7	ō	7	2	ō	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
1	Other non credit-obligation assets												
	IRB Total												

							IRB Ap	proach															
				As of :	30/09/2022					As of :	31/12/2022												
				Original Exposure ¹								Original Exposure ¹		Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	value		Of which: defaulted	provisions		Of which: defaulted	Value		Of which: defaulted	provisions										
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0										
	Institutions	421	0	360	102	0	0	268	0	213	59	0	0										
	Corporates	40,514	841	34,650	21,179	107	423	37,340	1,606	32,329	20,325	121	571										
	Corporates - Of Which: Specialised Lending	50	50	50	0	0	18	45	45	45	0	0	11										
	Corporates - Of Which: SME	921	6	824 59	604	1	9	266	0	328	288	0	1										
	Retail	259	1		19	0	0	243	0		20	0											
	Retail - Secured on real estate property	29	0	29	4	0	0	31	0	31	5	0	0										
BRAZTI	Retail - Secured on real estate property - Of Which: SME	3 27	0	3 27	1	0	0	2 28	0	2 28	1	0	0										
Dioleic	Retail - Secured on real estate property - Of Which: non-Sh	5	0	2/	2	0	0	28	0	28	1	0	0										
	Retail - Qualifying Revolving Retail - Other Retail	225	0	2 28	1	0	0	207	0	2	1	0	0										
	Retail - Other Retail - Of Which: SME	182	0	20	14	0	0	165	0	20	13	0	0										
		43	0	27	14	0	0	42	0	27	14	0	0										
	Retail - Other Retail - Of Which: non-SME Equity	699	0	699	1.505	0	0	580	0	580	1.225	0	0										
	Other non credit-obligation assets	033	0	075	1,000	0	0	200	0	300	1,243	Ū											
	IRB Total																						



2023 EU-wide Transparency Exercise Credit Risk - IRB Approach

Banco Santander, S.A.

							IRB Ap	proach					
				As of 3	30/09/2022					As of :	31/12/2022		
		Original E	xposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	value		Of which: defaulted	provisions		Of which: defaulted	value		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions Corporates	2,655	0 373	2,696 18,705	755 8.142	0 52	0	2,737 22.631	0 213	2,826	930 7.881	67	2
	Corporates - Of Which: Specialised Lending	2.338	20	2,283	1,495		21	1.999	18	1,949	1.314	0	28
	Corporates - Of Which: SME	2,528	72	2,042	827	25	46	2,515	82	2,035	793	32	51
	Retail	87	1	77	30	0	2	98	1	91	38	0	1
	Retail - Secured on real estate property	54	0	54	12	0	0	51	0	51	18	0	0
MEXICO	Retail - Secured on real estate property - Of Which: SME	3	0	3	1	0	0	3	0	3	1	0	0
HEAICO	Retail - Secured on real estate property - Of Which: non-Si	51	0	51	11	0	0	48	0	48	17	0	0
	Retail - Qualifying Revolving Retail - Other Retail	28		2	1	0	0	43	0	2 38	19	0	
	Retail - Other Retail - Of Which: SME	20		21	1	0	0	45	0	30	19	0	1
	Retail - Other Retail - Of Which: sne	19	0	19	16	0	1	36	0	36	19	ő	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												

							IRB Ap	proach					
				As of	30/09/2022					As of	31/12/2022		
		Original I	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure Value ¹	Risk exposur	e amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	value.		Of which: defaulted	provisions		Of which: defaulted	value*		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	1,463	0	724	337	0	0	1,318	0	622	225	0	0
	Corporates	6,295	84	4,159	1,532	0	29	6,001	68	3,754	1,476	0	21
	Corporates - Of Which: Specialised Lending	695	62	560	344	0	12	844	67	702	416	0	11
	Corporates - Of Which: SME	6	0	2	2	0	0	14	0	3	2	0	0
	Retail	13	0	10	3	0	0	10	0	9	4	0	0
	Retail - Secured on real estate property	7	0	7	1	0	0	6	0	6	3	0	0
CHTI F	Retail - Secured on real estate property - Of Which: SME	1	0	1	0	0	0	1	0	1	0	0	0
CHILL	Retail - Secured on real estate property - Of Which: non-Sh	6	0	6	1	0	0	6	0	6	2	0	0
	Retail - Qualifying Revolving	1	0	1	0	0	0	1	0	1	0	0	0
	Retail - Other Retail	5	0	3	2	0	0	2	0	2	1	0	0
	Retail - Other Retail - Of Which: SME	4	0	2	1	0	0	1	0	0	0	0	0
	Retail - Other Retail - Of Which: non-SME	1	0	1	1	0	0	1	0	1	1	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												
		⁽¹⁾ Original expos	ure, unlike Exposu	re value, is reporte	d before taking into accou	nt any effect due t	o credit conversion	factors or credit ri	sk mitigation tech	niques (e.g. substi	tution effects).		-

							IRB Ap	proach					
				As of	30/09/2022					As of	31/12/2022		
		Original I	xposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure Value ¹	Risk exposure	e amount	Value adjustments
	(min 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 Corporates	350 1.639	0	320 810	33 286	0	0	90 1.630	0	92 794	17 272	0	0
		1,639	0	810	286	0	1	1,630	0	/94	14	0	1
	Corporates - Of Which: Specialised Lending Corporates - Of Which: SME	5	0	5	13	0	0	6	0	ь	19	0	0
	Retail	49	0	44	16	0	0	53	0	48	24	0	0
	Retail - Secured on real estate property	39	0	79	10	0	0	43	0	43	29	0	0
	Retail - Secured on real estate property - Of Which: SME	4	0	4	1	0	0	4	0	4	2	0	0
POLAND	Retail - Secured on real estate property - Of Which: non-SP	35	0	35	13	0	0	39	0	39	21	0	0
	Retail - Qualifying Revolving	1	ō	0	0	ō	ō	1	ō	0	0	ō	ō
	Retail - Other Retail	9	0	4	2	0	0	10	0	4	2	0	0
	Retail - Other Retail - Of Which: SME	6	0	1	0	0	0	7	0	1	1	0	0
	Retail - Other Retail - Of Which: non-SME	3	0	3	1	0	0	3	0	3	1	0	0
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												1
		(1) Original expos	ire, unlike Exposu	re value, is reporte	d before taking into accourt	nt any effect due t	o credit conversion	factors or credit ri	sk mitigation techn	niques (e.g. substi	tution effects).		

							IRB Ap	proach					
				As of	30/09/2022					As of	31/12/2022		
		Original I	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure Value ¹	Risk exposur	e amount	Value adjustment: and
	(min EUR, %)		Of which: defaulted	value		Of which: defaulted	provisions		Of which: defaulted	value		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	1,813	0	2,292	505	0	1	2,073	0	2,659	771	0	1
	Corporates Corporates - Of Which: Specialised Lending	14,638 670	120	7,461	2,704	3	87 25	13,540 527	111 20	7,874	2,843	3	70 21
	Corporates - Of Which: Specialised Lending Corporates - Of Which: SME	1.246	70	4/9	313	0	25	1.438	70	352 1.428	207		21
	Retail	22.352	315	21.586	7.931	159	337	21.672	297	20.919	7.354	156	273
	Retail - Secured on real estate property	2.395	7	2,395	270	5	2	2.396	7	2,396	295	5	1
	Retail - Secured on real estate property - Of Which: SME	8		8	1	0	0	9	0	9	3	0	
GERMANY	Retail - Secured on real estate property - Of Which: non-SP	2,387	7	2,387	269	4	1	2,387	7	2,387	292	5	ī
	Retail - Qualifying Revolving	2,237	35	1,661	575	10	22	2,227	33	1,651	566	9	19
	Retail - Other Retail	17,719	273	17,530	7,086	145	313	17,049	256	16,871	6,493	141	253
	Retail - Other Retail - Of Which: SME	2,487	28	2,468	560	14	27	2,546	26	2,522	570	13	22
	Retail - Other Retail - Of Which: non-SME	15,232	245	15,062	6,526	131	285	14,503	230	14,349	5,923	128	231
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												

							IRB Ap	proach					
				As of	30/09/2022					As of :	31/12/2022		
		Original I	Exposure ¹	Exposure Value ¹	Risk exposure	e amount	Value adjustments and	Original	Exposure1	Exposure Value ¹	Risk exposure	e amount	Value adjustment
	(min EUR, 1%)		Of which: defaulted	value.		Of which: defaulted	provisions		Of which: defaulted	Value*		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	1,146	0	631	311	0	1	1,100	0	948	480	0	1
	Corporates Corporates - Of Which: Specialised Lending	11,127 825	405	6,460 785	4,027	368	303 30	11,761 717	399 18	6,424 651	4,006	344	319 12
	Corporates - Of Which: Specialised Lending Corporates - Of Which: SME	825 3.594	290	/86	1.332	304	30 132	3,202	18 257	1.584	1.209	256	12
	Retail	24.564	416	22,733	4,149	139	132	24,842	440	22.977	4,266	139	378
	Retail - Secured on real estate property	20.048	151	20.040	2,908	0	118	20.132	152	20.125	2,972	0	137
	Retail - Secured on real estate property - Of Which: SME	648	11	640	89	0	7	635	11	628	87	0	6
PORTUGAL	Retail - Secured on real estate property - Of Which: non-S	19,400	140	19,400	2,819	0	111	19,497	141	19,497	2,885	0	131
	Retail - Qualifying Revolving	1,231	34	668	226	24	29	1,243	38	676	230	27	32
	Retail - Other Retail	3,285	230	2,024	1,015	115	190	3,467	250	2,177	1,065	112	208
	Retail - Other Retail - Of Which: SME	1,988	125	862	443	49	101	2,092	133	944	490	41	107
	Retail - Other Retail - Of Which: non-SME	1,297	105	1,163	572	66	89	1,375	117	1,233	576	71	101
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non-credit-obligation assets												
	IRB Total				d before taking into accou								

							IRB Ap	proach					
				As of	30/09/2022					As of :	31/12/2022		
		Original I	Exposure ¹	Exposure	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure	Risk exposur	e amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	Value ^s		Of which: defaulted	provisions		Of which: defaulted	Value ¹		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	3,964	0	3,870	564	0	1	3,649	0	3,356	623	0	1
	Corporates	20,263	193	11,926 518	7,068	0	121	21,336	205	12,302	7,921 338	0	124
	Corporates - Of Which: Specialised Lending	651	0	518	416	0	3	679	44		338	0	
	Corporates - Of Which: SME Retail	591 9.060	31 130	9,003	442	0 215	16 113	8,740	44 138	667 8.673	463	227	11 118
	Retail - Secured on real estate property	185	130	9,003	27	215	115	190	130	8,873	37	227	2
	Retail - Secured on real estate property - Of Which: SME	9	1	0	2	0	0		1		20	î	ô
FRANCE	Retail - Secured on real estate property - Of Which: non-SP	177	3	177	25	0	2	181	3	181	34	i	2
	Retail - Qualifying Revolving	11	0	5	2	0	0	11	0	5	2	0	0
	Retail - Other Retail	8,854	126	8,812	4,366	215	111	8,539	134	8,478	4,178	225	116
	Retail - Other Retail - Of Which: SME	2,784	50	2,757	1,364	77	37	2,839	58	2,803	1,385	87	43
	Retail - Other Retail - Of Which: non-SME	6,080	76	6,055	3,001	138	74	5,700	77	5,675	2,793	138	73
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												
		⁽¹⁾ Original expos	ure, unlike Exposu	re value, is reporte	d before taking into accou	nt any effect due t	o credit conversion	factors or credit ri	sk mitigation tech	niques (e.g. substit	tution effects).		



2023 EU-wide Transparency Exercise Credit Risk - IRB Approach

Banco Santander, S.A.

							IRB Ap	proach					
				As of	31/03/2023					As of	30/06/2023		
		Original	Exposure ¹	Exposure Value ¹	Risk exposure	2 amount	Value adjustments and	Original E	xposure ¹	Exposure Value ¹	Risk exposure	2 amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	• Hitte		Of which: defaulted	provisions		Of which: defaulted			Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	54,779	0	53,881	12,665	0	46	57,172	0	57,137	12,337	0	34
	Corporates Corporates - Of Which: Specialised Lending	367,171 28.647	8,774	226,549 23.258	124,599 15.998	1,450	3,947 230	377,085 29.375	8,194	234,617 23.601	127,990 15.906	1,368	3,794
	Corporates - Of Which: SPE	42,842	2,727	23,238	19,068	201	1.280	43.668	2.695	23,601 29.695	19,422	667	1.274
	Retail Retail	405.356		379,719	85.842	2.674	3,787	43,008	2,095	383.448	87.637	2,735	3.870
	Retail - Secured on real estate property	310.697		307.548	53.027	1,814	1.634	313,355	5,767	309,286	53.656	1.822	1,607
	Retail - Secured on real estate property - Of Which: Si		1,101	16,784	4 907	519	493	16.549	1.041	16.357	4.816	521	490
Consolidated data	Retail - Secured on real estate property - Of Which: n			290.763	48.120	1,295	1.141	296,807	4,726	292.929	48.840	1.301	1.127
	Retail - Qualifying Revolving	22.883	223	13.330	4,423	80	261	22,608	207	13.463	4.405	87	244
	Retail - Other Retail	71,775	2,741	58.841	28.392	780	1.892	72,729	2.927	60,699	29.574	825	2.018
	Retail - Other Retail - Of Which: SME	30.635	1.725	18.407	8.972	285	892	30.245	1,814	18,775	9.258	305	940
	Retail - Other Retail - Of Which: non-SME	41.140	1.016	40.434	19.420	494	999	42,485	1,113	41,925	20.317	520	1.079
	Equity	9,349	0	9,349	17,803	0		9,349	0	9,349	17,980	0	
	Other non credit-obligation assets				2,089						1,272		
	IRB Total ²				242,998						247,217		
		(2) IRB Total d	loes not include t t relevent countrie	he Securitisation	eported before taking i position unlike in the n ase have been selected un	esults prior to th	e 2019 exercise.					,	vasure, calculated

IRB Approach

							IRB Ap	proach					
				As of :	31/03/2023					As of 1	30/06/2023		
		Original E	xposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original E	Exposure ¹	Exposure Value ¹	Risk exposure	e amount	Value adjustment
	(min EUR, %)		Of which: defaulted	Value*		Of which: defaulted	provisions		Of which: defaulted	Value*		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	4,798	0	7,772	1,473	0	16	4,664	0	7,311	1,263	844	13
	Corporates Corporates - Of Which: Specialised Lending	95,833 5.056	5,274	59,173 4,660	41,824 3.174	901	2,200	96,632 5.088	4,936	58,287 4,700	41,472 3.046	844	2,067
	Corporates - Of Which: SME	31.993	2.335	20.946	14.330	430	1.052	32,777	2,348	21.648	14.816	445	1.052
	Retail	114,718	4,324	95,723	32.451	1.839	2 403	113.679	4,342	95,389	32.711	1.853	2,477
	Retail - Secured on real estate property	69.625	2.329	69.441	19.093	1.532	1,164	68.633	2.234	68,447	18.778	1.531	1,151
CDATA	Retail - Secured on real estate property - Of Which: SME	16,160	1,079	15,976	4,725	501	481	15,822	1,022	15,636	4,651	504	469
SPAIN	Retail - Secured on real estate property - Of Which: non-SI	53,465	1,250	53,464	14,368	1,032	682	52,811	1,212	52,811	14,127	1,026	681
	Retail - Qualifying Revolving	12,359	85	4,821	1,067	13	109	12,419	76	4,856	1,064	13	102
	Retail - Other Retail	32,734	1,909	21,462	12,291	294	1,131	32,628	2,032	22,076	12,870	310	1,225
	Retail - Other Retail - Of Which: SME	22,254	1,476	11,292	6,251	136	700	21,851	1,549	11,584	6,543	147	741
	Retail - Other Retail - Of Which: non-SME	10,480 8.488	432	10,170 8,488	6,040 16.061	158	431	10,777 9,144	483	10,492 9.144	6,327 17.714	163	483
	Equity Other non credit-obligation assets	6,488	0	8,488	10,061	0	0	9,199	0	9,144	17,714	0	0
	IRB Total												

					As of :	31/03/2023					As of :	30/06/2023		
			Original E	xposure ^s	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustmen and
	(min EUR, 9	i)		Of which: defaulted			Of which: defaulted	provisions		Of which: defaulted			Of which: defaulted	provision
	Central banks and central governments		0	0	0	0	0	0	0	0	0	0	0	0
	Institutions		7,854	0	8,308	1,473	0	1	7,928	0	9,288	1,732	0	1
	Corporates		49,649	157	31,209	15,218	0	194	51,719	156	33,393	16,013	0	196
	Corporates - Of Which: Specialised	Lending	8,690	29	7,497	5,237	0	41	8,566	72	7,419	5,158	0	38
	Corporates - Of Which: SME		1,647	38	1,309	711	0	50	1,545	38	1,172	646	0	48
	Retail		227,123 217,735	3,247	223,728	34,848	124	473 298	230,752 221,352	3,403	226,581	35,871	127	446
	Retail - Secured on real estate			3,155	214,777	29,866	104	298		3,308	217,474	30,771	107	278
UNITED KINGDOM		real estate property - Of Which: SME	37	3	37	15	3	1	35	2	35	13	2	1
		real estate property - Of Which: non-SI	217,698	3,152	214,740	29,851	101	297 97	221,316	3,305	217,439	30,758	105	277
	Retail - Qualifying Revolving		6,944	33	6,632	2,632	9	97	7,041	35	6,756	2,701	9	84
	Retail - Other Retail		2,443	33	2,318	2,350	11	//	2,360	35	2,350	2,398	11	83
	Retail - Other Retail		17	1 32	6	3	1	1 76	15 2,344	1 33	6	3	1	1
		- Of Which: non-SME	2,426	32	2,312	2,347		/6	2,399	33	2,344	2,395	11	82
	Equity Other non credit-obligation assets		0	U	0	0	0	0	0	0	0	U	0	0
	IRB Total													

							IRB Ap	proach					
				As of	31/03/2023					As of	30/06/2023		
		Original	Exposure1	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	value		Of which: defaulted	provisions		Of which: defaulted	Value		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	9,494	0	5,615	1,276	0	2	9,878	0	6,860	1,707	0	8
	Corporates	40,507	145	18,334	6,871	2	56	41,093	135	19,554	6,929	1	49
	Corporates - Of Which: Specialised Lending	4,414	0	2,312	1,536	0	7	4,611	0	2,229	1,522	0	7
	Corporates - Of Which: SME	9	2	5	4	2	0	/	2	- 4	3	1	0
	Retail	261	1	245	88	0	2	260	1	245	76	1	1
	Retail - Secured on real estate property	222	0	222	74	0	1	223	0	223	62	0	1
UNITED STATES	Retail - Secured on real estate property - Of Which: SME Retail - Secured on real estate property - Of Which: non-		0	216	72	0	0	216	0	216	60	0	0
011120 011120	Retail - Secured on real estate property - Ur Which: hon- Retail - Qualifying Revolving	7	0	216	72	0	1	216	0	216	60	0	1
	Retail - Qualifying Revolving Retail - Other Retail	32	0	3	1	0	0	30	0	3 19	13	0	0
	Retail - Other Retail - Of Which: SMF	24	1	13	13			23		19	10		1
	Retail - Other Retail - Of Which: sine Retail - Other Retail - Of Which: non-SME	7	0	7	3	0	ů	25		13	10	0	1
	Equity	á	0	ó				, ,		ó		ő	0
	Other non credit-oblication assets		0	Ŭ				0	0		0	Ŭ	0
	IRB Total											1	1
		(1) Original exp	osure, unlike Ex	posure value, is i	eported before taking is	nto account any	effect due to crea	lit conversion fa	ctors or credit ris	k mitigation tech	iniques (e.g. substitutio	n effects).	

			As or .	31/03/2023					As of 1	30/06/2023		
	Original	Exposure ¹	Exposure	Risk exposure	amount	Value adjustments and	Original E	xposure ¹	Exposure	Risk exposure	amount	Value adjustments and
(min EUR, %)		Of which: defaulted	Value ¹		Of which: defaulted	provisions		Of which: defaulted	Value ¹		Of which: defaulted	provisions
Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
nstitutions	512	0	431	115	0	0	743	0	549	133	0	0
lorporates	40,404	1,712	35,606	22,305	146	732	42,394	1,691	37,158	23,596	162	738
Corporates - Of Which: Specialised Lending	45	45	45	0	0	12	93	44	93	33	0	12
Corporates - Of Which: SME tetall	1,110 85	4	1,096	840 20	2	5	998 84	1	884 64	711 19	0	4
				20	0	0		1		19	1	0
			32	5	0	0	33	1	33	5	1	0
			3	1	0	0	3		3	1	0	0
	50	0	30		0	0	51	1	2	1	1	0
Retail - Other Retail	48	0	31	14	ő	ő	45	ő	29	14	0	0
	2	0	0	0	0	0	1	0	0	0	0	0
	46	0	31	14	0	0	44	0	29	14	0	0
quity	654	ō	654	1,472	0	ō	0	ō	0	0	ō	ō
Other non credit-obligation assets												
RB Total												
quit	Relat - Secured on real netable property Relat - Secured on real netable property - 07 Whick: 59% Relat - One Relat - Call Andread - 07 Whick: 50% Relat - One Relat - 07 Whick: 50% real - One Relat - 07 Which: 50% real - 07 Which: 50%	Relation Security on easi between yook 32 Relation Security on easi between yook 3 Relation Security on easi between yook 4 Relation Security on easi between yook 4 Relation Relation Security on easi between yook 4 Relation Relation Security on easi between yook 4 Y Non-security on the device of Which yook 6 6 Y Y Security on the device of Which yook 6 6 Y Y Security on the device of Which yook 6 6 Y Y Security on the device of Which yook 6 6 Y Security on the device of Which yook 6 6 6 Y Security on the device of Which yook 6	Real-Sound on real states property 32 0 Real-Sound on real states property - Of Workh, may 3 0 Real-Out Property - Of Workh, may 3 0 Real-Out Property - Of Workh, may 3 0 Real-Out Property - Of Workh, may 4 0 Real-Out Property - Of Workh, may 2 0 Y Action Control and other property - Of Workh, may 4 0 Y Action Control and Of Workh, may 4 0 Y Action Control and Of Workh, may 4 0 Y Action Control and Of Workh, may 4 0 Y Action Control and Of Workh, may 4 0 Y Action Control and Of Workh, may 4 0 Y Action Control and Of Workh, may 4 0 Y Action Control and Of Workh, may 4 0 Y Action Control and Of Workh, may 4 0	Relat-Securit on relat state property 72 0 22 Relat-Securit on relation property of Vinkts, 94 1 1 1 Relat-Qualitying Network 70 Minkt, 94 2 2 2 Relat-Obser Netal 2 0 1 2 Relat-Obser Netal 2 0 0 2 Y relati-Obser Netal 6 0 16 Y relati-Obser Netal 6 0 16 Y relati-Obser Netal 6 0 16 Y relation of methods 6 0 16 Y relation of methods 6 0 16 Y relation of methods 6 0 16	Real-Second on real data property 22 0 22 5 Real-Second on real data property 0* 10.0 1	Real:-Security and an address property 22 0 32 5 0 Real:-Security and examples property. of Which: Note Real:-Open Property 3 0 3 1 4 0 Real:-Open Property 400.00 23 4 0 2 4 0 Real:-Open Property 400.00 23 4 0 2 4 0 Real:-Open Property 400.00 23 4 0 2 4 0 Real:-Open Real:-Of Whick::SHE 4 0 1 4 0 1 4 0 Yman combe Real: Of Whick::SHE 6 0 1 4 0 1 4 0 1 4 0 1 4 0 1 4 0 1 4 0 1 4 0 1 4 0 1 4 0 1 4 0 1 4 0 1 4 1 1 1 1 <	Relati-Security on raise determined 22 0 22 5 0 0 Relati-Security on raise data property - OF Wards 3 0 3 4 0 0 Relati-OutProperty - OF Wards 3 0 3 4 0 0 Relati-OutProperty - OF Wards 4 0 3 4 0 0 Relati-OutProperty - OF Wards 4 0 3 4 0 0 Relati-OutProperty - OF Wards 4 0 3 4 0 0 Relati-OutProperty - OF Wards 2 0	Relat-Security on anal action property of Which, may 2 20 0 22 5 0 0 13 Relat-Security on advandar property of Which, may 2 0 0 1 1 0 0 1 Relat-OutProperty of Which, may 2 0 0 1 1 0 0 1 Relat-OutProperty of Which, may 2 0 0 1 14 0 0 45 Relat-OutProperty of Which, may 2 2 0 0 1 14 0 0 45 Relat-OutProperty of Which, may 24 6 0 10 0 0 14 0 0 45 Property of Which, may 24 6 0 16 1,472 0 0 14 0 0 14 0 0 14 0 0 14 0 0 14 0 0 14 0 0 14 0 0 14 0 0 14 0 0 14	Ref: Second on real data property 22 0 22 5 0 0 31 1 Ref: Second on real data property 01 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0<	Ref: Second on real data property 21 0 22 5 0 0 131 11 331 Ref: Sociard on real data property 01 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 0 <	Ref: Scored on real states property The state score of the state property The state score of the states property The state	Real-Scored on ad acta property T2 0 T2 5 0 0 33 1 33 5 1 Real-Scored on readeta property 0*/10* 0 3 1 0 3 1 0 3 1 0 3 1 0 3 1 0 3 1 0 3 1 0 3 1 0 0 3 1 0 0 3 1 0 0 3 1 0 0 3 1 0 0 3 1 0 0 3 1 0 0 3 1 0 <

2023 EU-wide Transparency Exercise Credit Risk - IRB Approach

Banco Santander, S.A.

							IRB Ap	proach					
				As of :	31/03/2023					As of	30/06/2023		
		Original	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	Value		Of which: defaulted	provisions		Of which: defaulted	Value		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions Corporates	2,759 23.596	220	2,949 18.073	962 8.128	0 48	2	2,826 25.117	0 271	2,897 19.151	918 8.612	0 51	1 160
	Corporates - Of Which: Specialised Lending	2.077	38	2.024	1.329	10	22	2.128	85	2.083	1.386	51	28
	Corporates - Of Which: SME	2,404	59	2,102	853	18	39	2,431	58	2,055	811	10	38
	Betall	90	1	80	45	0	2	80	1	68	25	0	1
	Retail - Secured on real estate property	53	0	53	20	0	0	53	0	53	15	0	0
MEXICO	Retail - Secured on real estate property - Of Which: SME	2	0	2	1	0	0	2	0	2	1	0	0
MEXICO	Retail - Secured on real estate property - Of Which: non-Si	50	0	50	19	0	0	50	0	50	14	0	0
	Retail - Qualifying Revolving	5	0	2	1	0	0	5	0	2	1	0	0
	Retail - Other Retail	32	1	26	25	0	1	22	1	13	9	0	1
	Retail - Other Retail - Of Which: SME	8	0	1 24	1 74	0	0	9 12	0	1 12	0	0	0
	Retail - Other Retail - Of Which: non-SME Equity	24	0	29	29	0	1	12	0	12	9	0	0
	Other non-credit-obligation assets	0	0	0	0	0	0	0	0	0	0	0	0
	IRB Total												
		(1) Original exp	osure, unlike Ext	osure value, is r	eported before taking is	nto account any	effect due to crea	dit conversion fa	ctors or credit ris	sk mitigation tech	niques (e.g. substitutio	n effects).	

							IRB Ap	proach					
				As of	31/03/2023					As of	30/06/2023		
		Original	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original	Exposure ¹	Exposure Value ¹	Risk exposur	amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	value		Of which: defaulted	provisions		Of which: defaulted	Value		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	1,733	0	862	301	0	1	1,828	0	961	426	0	1
	Corporates	7,009	76	3,983	1,731	1	16	6,718	121	4,141	1,839	1	24
	Corporates - Of Which: Specialised Lending Corporates - Of Which: SME	913 17	75	696	428	0	12	975 12	96	760	409	0	20
	Corporates - Ur Which: SME Retail	1/	0	8	8	0	0	9	0	5	5	0	0
		12	0	8	3	0	0	9	0		3	0	0
	Retail - Secured on real estate property Retail - Secured on real estate property - Of Which: SME	1	0	1	2	0	0	1	0		0	0	0
CHILE	Retail - Secured on real estate property - Of Which: sine Retail - Secured on real estate property - Of Which: non-SP	5	0	-	2		0	1	0	1		0	0
	Retail - Qualifying Revolving	1	0	3	2	0	0	1	0		0	0	0
	Retail - Other Retail	Ê	0	;	1			2	0	2	2	0	0
	Retail - Other Retail - Of Which: SME	4	0	1	1	0	0	3		2	1	0	0
	Retail - Other Retail - Of Which: non-SME	1	ō	i	i	ō	ō	1	ō	1	i	ō	ō
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												
	IRB Total												
		(1) Original exp	osure, unlike Ex	posure value, is i	reported before taking i	nto account any	effect due to crea	dit conversion fa	ctors or credit ris	k mitigation tech	nniques (e.g. substitutio	in effects).	

							IRB Ap	oproach					
				As of	31/03/2023					As of	30/06/2023		
		Original	Exposure ¹	Exposure Value ¹	Risk exposure	e amount	Value adjustments and	Original	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	value		Of which: defaulted	provisions		Of which: defaulted	Value		Of which: defaulted	provisions
	Central banks and central governments Institutions	0 341	0	0	0 45	0	0	0 413	0	0 247	0	0	0
	Corporates	341 1.737	0	1/6	45	0	0	413	0	1.018	496	0	0
	Corporates - Of Which: Specialised Lending	1,/3/	0	636	245	0	1	2,209	0	1,018	000	0	0
	Corporates - Of Which: SME	2	0	ő	0	ő	0	1	ő	ő	0	0	0
	Retail	52	0	49	19	0	0	60	0	53	23	0	0
	Retail - Secured on real estate property	45	0	45	18	0	0	49	0	49	22	0	0
POLAND	Retail - Secured on real estate property - Of Which: SME	6	0	6	3	0	0	7	0	7	3	0	0
POLAND	Retail - Secured on real estate property - Of Which: non-SI	39	0	39	15	0	0	43	0	43	19	0	0
	Retail - Qualifying Revolving	1	0	0	0	0	0	1	0	0	0	0	0
	Retail - Other Retail	6	0	3	1	0	0	10	0	4	1	0	0
	Retail - Other Retail - Of Which: SME	3	0	0	0	0	0	7	0	0	0	0	0
	Retail - Other Retail - Of Which: non-SME	3	0	3	1	0	0	3	0	3	1	0	0
	Equity Other non credit-obligation assets	0	0	0	0	0	0	0	0	0	0	0	0
	IRB Total												

(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).

IRB Approach

				As of :	31/03/2023					As of	30/06/2023		
		Original	Exposure1	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure Value ¹	Risk exposur	amount	Value adjustment and
	(min EUR, %)		Of which: defaulted	• and a		Of which: defaulted	provisions		Of which: defaulted			Of which: defaulted	provision
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	2,455	0	2,719	517	0	1	2,591	0	3,012	547	0	1
	Corporates	13,297	77	7,548	3,346	5	50	13,173	77	7,566	3,263	5	49
	Corporates - Of Which: Specialised Lending	1,317	69	996	731	0	34	1,597	69	1,173	809	0	34
	Corporates - Of Which: SME	1,432	3	1,426	614	2	3	1,521	4	1,524	656	3	4
	Retail	21,859	309	20,666	6,032	132	277	22,444	312	21,657	6,423	138	285
	Retail - Secured on real estate property	2,382	7	2,382	272	- 4	1	2,388	6	2,388	281	4	1
GERMANY	Retail - Secured on real estate property - Of Which: SME	7	0	7	1	0	0	7	0	7	1	0	0
OEIG # UT	Retail - Secured on real estate property - Of Which: non-SI	2,376	6 34	2,376	271	4 27	1	2,381	22	2,381	280	3	1
	Retail - Qualifying Revolving Retail - Other Retail	2,227	34 268	1,162 17.123	474 5.286	27	18 257	1,778	22	1,101 18,169	384 5.758	28 107	17 267
	Retail - Other Retail - Of Which: SMF	2.713	268	2,694	5,286	101	23	2,844	284	2.829	5,758	10/	26/
		2,/13	2/ 240	2,694	5.28	12 89	23	2,899	31 254	2,829	5.198	93	24
	Retail - Other Retail - Of Which: non-SME Equity	14,537	240	19,929	4,/59	89	239	15,935	254	205	5,198	93	242
	Other non-credit-oblication assets	207	0	207	200	0	0	200	0	205	200	0	0
	IRB Total												-
					eported before taking is								

						IRB Ap	proach					
			As of :	31/03/2023					As of	30/06/2023		
	Original	Exposure ¹	Exposure Value ¹	Risk exposure	amount	Value adjustments and	Original I	Exposure ¹	Exposure	Risk exposure	amount	Value adjustment
(min EUR, %)		Of which: defaulted	Value*		Of which: defaulted	provisions		Of which: defaulted	Value ¹		Of which: defaulted	provisions
Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
Institutions	1,065	0	574	330	0	1	1,197	0	664	340	0	0
Corporates	12,061	362	6,977	4,454	326	311	11,919	344	6,929	4,360	281	311
Corporates - Of Which: Specialised Lending	724	18	609	425	0	12	760	18	646	425	0	12
Corporates - Of Which: SME	3,527	238	1,608	1,205	245	119	3,641	229	1,698	1,202	206	117
Retail	24,380	502	22,580	4,799	305	417	24,177	533	22,460	4,820	334	440
Retail - Secured on real estate property	19,382	191	19,375	3,343	150	156	19,403	194	19,398	3,393	158	163
GAI Retail - Secured on real estate property - Of Which: SME		14	679	134	11	8	600	12	595	119	10	7
Recail - Secured on real estate property - or which nor-			18,697	3,209	138	149	18,803		18,803	3,274	147	156
Retail - Qualifying Revolving Retail - Other Retail	1,257 3,741	42 269	675 2.529	237 1.219	31 124	36 225	1,275	47 291	698 2 365	244 1.182	37 139	40 237
Retail - Other Retail Retail - Other Retail - Of Which: SMF	3,741 2.208	269	2,529	1,219	124	115	3,498	291	2,365	1,182	139	122
	2,208	145	1,129	638	44 81	115	2,148	156	1,152	593	48	122
Retail - Other Retail - Of Which: non-SME Equity	1,533	129	1,400	0.00	81	110	1,351	1.5	1,213	309	91	115
Other non credit-obligation assets		0	0			0	0					
												-
IRB Total		(1) Original exp	(1) Original exposure, unike Ex	(1) Original exposure, unlike Exposure value, is r	(1) Original exposure, unlike Exposure value, is reported before taking i	(1) Original exposure, unlike Exposure value, is reported before taking into account any	(1) Original exposure, unlike Exposure value, is reported before taking into account any effect due to cree	(1) Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion fa	(1) Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit ri	(1) Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk mitigation tech	(1) Original exposure, unlike Exposure value, is reported before taking into account any effect due to credit conversion factors or credit risk miligation techniques (e.g. substitution)	(1) Chiginal exposure, unitie Exposure value, is reported before taking into account any effect due to credit conversion factors or credit rink milipation techniques (e.g., substitution effects).

							IRB Ap	proach					
				As of	31/03/2023					As of	30/06/2023		
		Original I	Exposure ¹	Exposure Value ¹	Risk exposure	e amount	Value adjustments and	Original	Exposure ¹	Exposure Value ¹	Risk exposur	e amount	Value adjustments and
	(min EUR, %)		Of which: defaulted	value*		Of which: defaulted	provisions		Of which: defaulted	Value*		Of which: defaulted	provisions
	Central banks and central governments	0	0	0	0	0	0	0	0	0	0	0	0
	Institutions	3,867	0	3,809	672	0	1	3,829	0	3,831	679	0	1
	Corporates	19,704	454	12,262	7,943	0	104	20,522	144	12,982	8,339	0	64
	Corporates - Of Which: Specialised Lending	493	0	337	266	0	2	489	0	322	240	0	1
	Corporates - Of Which: SME	635	46	624	444	0	11	654	13	653	519	0	11
	Retail	9,011	141	8,942	4,349	233	121	9,030	145	8,963	4,329	240	127
	Retail - Secured on real estate property	197	4	197	45	3	2	194	4	194	44	3	2
FRANCE	Retail - Secured on real estate property - Of Which: SME	8	1	8	2	1	0	8	1	8	2	1	0
TRANCE	Retail - Secured on real estate property - Of Which: non-St	189	3	189	43	3	2	185	3	185	42	2	2
	Retail - Qualifying Revolving	11	0	5	2	0	0	11	0	5	2	0	0
	Retail - Other Retail	8,803	137	8,740	4,302	230	119	8,826	141	8,765	4,284	237	125
	Retail - Other Retail - Of Which: SME	2,869	61	2,831	1,404	91	44	2,756	62	2,720	1,342	95	44
	Retail - Other Retail - Of Which: non-SME	5,935	77	5,910	2,899	139	75	6,070	79	6,044	2,942	142	81
	Equity	0	0	0	0	0	0	0	0	0	0	0	0
	Other non credit-obligation assets												1
	IRB Total												1
		(1) Original exp	osure, unlike Ex	posure value, is i	eported before taking i	nto account any	effect due to crea	dit conversion fa	ctors or credit ri	sk mitigation tech	nniques (e.g. substitutio	on effects).	



							Banco Santander, S.A							
							As of 31/12/2022							
						Dire	ct exposures							
	(mln EUR)			On balance s	heet				Deriva	tives		Off bala	nce sheet	1
												Off-balance sl	heet exposures	
					Non-derivative financial as	sets by accounting portfolio		Derivatives with po	ositive fair value	Derivatives with	negative fair value			Risk weighted
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 assets held for trading	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	Notional amount	Nominal	Provisions	Risk weighted exposure amount
[0 - 3M [[3M - 1Y] [2Y - 2Y [[2Y - 3Y] [3Y - 5Y] [5Y - 10Y] [10Y - more Total	Austria		0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0						0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Belgium	455 153 88 113 155 215 200 1,393	378 94 89 113 159 167 99 1,099	77 80 0 17 129 107 208 618		0 0 85 9 33 108 0 0 333	0			0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	16 0 0 0 0 0 0 0 16		
[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													
Total Total Total Total Total Total	Czech Republic													
10 - 3M [[3M - 1Y [[1Y - 2Y [] 2Y - 3Y [] 3Y - 5Y [] 5Y - 10Y [] 10Y - more Total	Denmark									0 0 0 0 0 0 0 0 0				
[0 - 3M [[3M - 1Y] [1Y - 2Y] [1Y - 2Y] [3Y - 5Y] [5Y - 10Y] [10Y - more Total	Estonia													



							Banco Santander, S.A.							
							As of 31/12/2022							
						Direc	t exposures					1		
	(mln EUR)			On balance s	heet				Deriva	tives		Off bala	nce sheet	
												Off-balance sl	heet exposures	
			Total countries area unt of		Non-derivative financial as	sets by accounting portfolic		Derivatives with pos	sitive fair value	Derivatives with	negative fair value			Risk weighted exposure amount
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 assets held for trading	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	Notional amount	Nominal	Provisions	
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Finland	6 48 0 45 0 52 0 150	6 48 0 45 0 52 0 52 150			0 7 0 45 0 52 0 52 0 103	6 41 0 0 0 0 0 0 4 5			0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		1
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	France	220 340 1900 95 66 1,584 784 2,484	220 338 98 95 67 1547	0 2 1 67 44		80 168 19 94 0 0 0 0 361	140 170 77 1 1 1,540 0			0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 4 4		17
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Germany	600 1,230 25 13 6 27 39 1,946	602 1,229 13 6 27 39	3 1 6 9 3 27 39 88			603 1,229 19 4 3 0 0 0 1,858			0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	33 0 0 0 0 0 0 0 3 3		2
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Croatia						0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0		0
f 0 - 3M f f 3M - 1Y f [1Y - 2Y [f 2Y - 3Y f [3Y - 5Y [f 5Y - 10Y f [10Y - more Total	Greece						0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		0
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [5Y-5Y] [5Y-10Y] [10Y-more Total	Hungary	0 0 0 0 0 0 0 2 2 2	0 0 0 0 0 0 0 2 2 2	0 0 0 0 0 0 0 2 2 2		0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		0
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Ireland						1 0 0 0 0 0 0 1			0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0		0
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Italy	1, 182 2, 859 3, 0797 788 182 2,019 69 10,117	1,078 2,136 3,079 725 155 1,964 69 9,206	365		200 101 0 0 0 0 0 0 301 301	3,054 716 1 1,654			0 0 0 0 0 0 0 0	000000000000000000000000000000000000000			25
10-3M [[3M - 1Y] [1Y - 2Y] [2Y - 3Y] [3Y - 5Y] [5Y - 10Y] [10Y - more Total	Latvia		0 0 0 0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0 0	0,200 0 0 0 0 0 0 0 0 0 0							0



							Banco Santander, S.A.							
							As of 31/12/2022							
						Dire	t exposures							
	(mln EUR)		-	On balance s	heet				Deriva	tives		Off balar	ice sheet	
												Off-balance sl	eet exposures	
					Non-derivative financial as	sets by accounting portfolio		Derivatives with pos	itive fair value	Derivatives with	negative fair value			Risk weighted
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 assets held for trading	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	Notional amount	Nominal	Provisions	exposure amount
[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	272 33 55 23 57 225 55 57 678	23 15 5 5 5 7 7 7 7 7 7 7 7 7 2 5 5 5 5	54 28 23 23 57 225 55 55 55 55 55 55 55 55 55 55 55 55			218 5 0 0 0 0 0 0 223	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0		0
[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	401 0 0 0 0 12 7 7 419	394 0 0 0 0 12 7 7 412	389 C C C C 12 12 7 7 407			12 0 0 0 0 0 0 0 12		0 0 0 0 0 0 0		0 0 0 0 0 0 0	0 0 0 0 0 0 0		
10000 [3M - 1Y] [3M - 1Y] [1Y - 2Y] [2Y - 3Y] [3Y - 5Y] [5Y - 10Y] [10Y - more Total	Poland	4 33 1 1 1 1 2 1 2 2 1 3 5 7 2 3 7 2 8,750	833 1,311 2,118 1,178 1,953 1,953 1,280	0 22 4 5 8 8 8		0 801 1,216 1,561 1,014 1,913 1,203 45 7,754	32 73 556 160 36 74			0 0 6 0 0 0 0	0 0 0 0 0 0 0	0 0 38 1 0 154 41 0 235		121
Total [0 - 3M] [3M - 1Y] [1Y - 2Y] [2Y - 3Y] [3Y - 5Y] [5Y - 10Y] [10Y - more Total	Portugal	8,760 271 15 74 74 2,022 2,963 2,567 5,876	266 145 3 138 4 74 2,021 6 2,962	2 30 0 1 20 41		7,754 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	268 126 138 43 80 599	0 0 8 0 0 0 63 0 0	0 0 100 0 63 0		0 0 0 38 0 0	235 50 118 129 0 0 0 6 9 311	0 0 0	
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-107] [10Y-more Total	Romania	5,876					1,478 0 0 0 0 0 0 0 0 0	71 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0	38 0 0 0 0 0 0 0 0	311 0 0 0 0 0 0 0 0		145
[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													



							Banco Santander, S.A.							
							As of 31/12/2022							
		-				Direc	t exposures					1		
	(mln EUR)			On balance sl	heet				Deriva	tives		Off balar	ice sheet	
												Off-balance sh	eet exposures	
			<i>.</i>		Non-derivative financial as	sets by accounting portfolic		Derivatives with po	sitive fair value	Derivatives with	negative fair value			Risk weighted
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 assets held for trading	through profit or loss	of which: Financial assets at fair value through other comprehensive income		Carrying amount	Notional amount	Carrying amount	Notional amount	Nominal	Provisions	exposure amount
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Spain	5 526 8,911 1,844 1,317 2,147 11,546 2,382 33,695	4,877 7,976 1,862 1,278 2,144 11,532 2,313 31,981	49 7,517 235 119 261 174 206 8,561	0 208 266 266 480 336 336 1 1 1,450		1,121 1,470 932 1,387 11,034 2,173		0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	1 1,145 1 2 0 435 1,585		47
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Sweden	119 2 0 0 0 0 0 0 0 122	119 2 0 0 0 0 0 0 121	0 0 0 0 0 0		14 0 0 0 0 0 0 0 0 0 0 14	105 2 0 0 0 0 0		0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0		0
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	United Kingdom	153 156 246 246 247 242 368 3.099	100 105 241 73 357 311 2.753	34 105 0 241 204 110 338 1,033	(0 0 17 0 0 169 129 315	119 0 1,549 0 0 0 69 0 1.738			0 0 0 0 33	0 0 0 0 0 0 85	000000000000000000000000000000000000000		
0 - 3M [[3M - 1Y [[1Y - 2Y [[2Y - 3Y [[3Y - 5Y [[5Y - 10Y [[10Y - more Total	Iceland						2/200							
[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	71 24 0 0 0 0 6 0 0 101	71 24 0 0 0 0 6 0 101				71 24 0 0 0 0 6 0 101		0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0		8
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Australia								0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0		0
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Canada	19 0 88 54 0 0 0 0 101	19 0 28 54 0 0 0 0 101			19 0 28 54 0 0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0		0
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Hong Kong													



							Banco Santander, S.A.							
							As of 31/12/2022							
						Dire	t exposures							1
	(mln EUR)			On balance sl	heet				Deriva	tives		Off balar	ice sheet	
												Off-balance st	neet exposures	
					Non-derivative financial as	sets by accounting portfolio		Derivatives with pos	sitive fair value	Derivatives with	negative fair value			
Residual Maturity	Country / Region	Total gross carrying amount of non- derivative financial assets	Total carrying amount of non-derivative financial assets (nat of short positions)	of which: Financial assets held for trading	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	Notional amount	Nominal	Provisions	Risk weighted exposure amount
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Japan	1,010 1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0		1,010 1,001 0 0 0 0 0 0 2,011	0 0 0 0		0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0		
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	U.S.	2,714 5,736 1,299 1,731 302 9515 1,756 11,944 22,719	2,735 5,735 1,287 1,731 302 951 1,756 11,944 23,707	815 1,110 146 26 157 357 949 3,559		3,493 188 92 89 610 1,394 3,431 9,303	1,494 188 184	9 0 0 0 0 0 0 9	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	8 0 0 0 0 0 0 0 8		202
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	China						0 0 0 0 0 0							
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Switzerland						0 1 0 0 0 0 0 0					0 0 0 0 0 0 0		
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Other advanced economies non EEA		0 0 0 0 0 0 0									0 0 0 0 0 0 0		
10031 [0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Other Central and eastern Europe countries non EEA	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					0 0 0 0 0 0 0 104 104		
1041 [0 - 3M] [3M - 1Y] [1Y - 2Y] [2Y - 3Y] [3Y - 5Y] [5Y - 10Y] [10Y - more Total	Middle East	50 66 0 31 555 537 537 537	00 60 0 0 31 561 557				0 60 0 31 561 537					0 0 0 0 0 0 0 0 0 0 86 86		
Total [0 - 3M] [3M - 1Y] [1Y - 2Y] [2Y - 3Y] [3Y - 5Y] [5Y - 10Y] [10Y - more Total	Latin America and the Caribbean	1,190 8,121 4,495 8,808 7,815 15,151 4,433 6,114 5,455 5,4555 5,4555 5,4555 5,4555 5,4555 5,4555 5,45555 5,455555555	1,190 5,037 4,492 8,800 7,816 15,152 4,282 6,083 51,808	0 2.948 2.978 1.855 2.064 2.314 2.022 2.150 16,391		0 0 4,301 344 2,403 9,608 9,608 1,652 1,421 23,222	870 1,130 3,514 3,344 3,231	0 5,276 3 0 0 0 7 5,355 5,355	4,760 61 246 201 183 649 601		0 0 0 0 0 0 0 0	86 0 63 0 0 0 337 0 400		2,402



General governments exposures by country of the counterparty

							Banco Santander, S.A.	•						
							As of 31/12/2022							
						Dire	ct exposures							
	(mln EUR)			On balance s	heet				Deriva	tives		Off bala	nce sheet	
												Off-balance s	heet exposures	
					Non-derivative financial as	ssets by accounting portfolio		Derivatives with po	sitive fair value	Derivatives wit	h negative fair value			
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 assets held for trading	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	Notional amount	Nominal	Provisions	Risk weighted exposure amount
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [5Y-5Y] [5Y-10Y] [10Y-more Total	Africa	0 0 5 5 146 39 254	0 0 8 5 5 6 146 39 253				0 0 8 5 5 6 146 39 253					500		
[0 - 3M [[3M - 1Y [[1Y - 2Y [[2Y - 3Y [[3Y - 5Y [[5Y - 10Y [[10Y - more	Others		0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0								()) 31		D D D D D D
Total		0	0	0	0	0 0	0	(0 0		0 0	30		0 0

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 hold non-domestic 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). Inspective 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.

Lath America: Argentras, Beiles, Bohins, Baral, Oile, Codonés, Coda Réz, Oominica, Dominica, Benaldes, Caudo, Ré Shador, Grenada, Guatemala, Guyan, Hait, Honduras, Jamaica, Henko, Nicaragua, Panu, S. Kitts and Nevis, S.: Lucia, S. Vincent and the Genadanes, Surianae, Trivitada and Tobaga, Unguay, Venezuela, Antigua And Barbuda, Aruba, Bahanas, Barbados, Cuyan, Islando, Cuenada, Guatemala, Guyan, Jean, Bahanas, Barbados, Cuyan, Lating, Arendo, S.: Lucia, S. Vincent and the Genadanes, Surianae, Trivitada and Tobaga, Unguay, Venezuela, Antigua And Barbuda, Aruba, Bahanas, Barbados, Cuyan, Islando, Cuba, French Guiana, Gadebuqe, Mantingae, Peneto Ros, Sant Barbideriou, Turis And Cacios Barbados, Venezuela, Antigua, Panama, Barbados, Cuba, French Guiana, Gadebuqe, Mantingae, Peneto Ros, Sant Barbideriou, Turis And Cacios Barbados, Venezuela, Antigua, Peneto Ros, Nato Barbados, Elandor, Grego Ros, Barbados, Cuba, Res, Orano, Respectiva, Barbados, Cuba, Res, Delandos, Cuba, Res, Mantingae, Peneto Ros, Sant Barbideriou, Turis And Cacios Barbados, Venezuela, Antigua, Peneto Ros, Nato Barbados, Elandos, Venezuela, Antigua, Peneto Ros, Nato Barbados, Elandos, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Cuba, Res, Delandos, Cuba, Peneto Guiana, Gadebuqe, Mathida and Tobaga, Unguay, Venezuela, Antigua, Peneto Ros, Nato Barbados, Elandos, Venezuela, Antigua, Peneto Ros, Nato Barbados, Elandos, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Cuba, Peneto Guiana, Gadebuge, Mathida and Tobaga, Unguay, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Peneto Ros, Nato Barbados, Barbados, Venezuela, Antigua And Barbados, Antigua Antitationae Antigua Antigua Antitationae Antigu

Africe: Age/as, Egypt, Morocco, South Africa, Ange/as, Bernin, Retsmanna, Facina, Barundel, Camerono, Cape Verets, Central African Regulation, Collardo, Camoro, Canopo, Carlo D'Avoire, Equatorial Guinea, Estivea, Ethiopia, Gainoa, Guinea, Bernine, Southan, Ange, Ange/as, Barund, Camoro, Canopo, Carlo D'Avoire, Equatorial Guinea, Estivea, Ethiopia, Gaino, Guinea, Bernine, Guinea-Bessua, Kenya, Lessoba, Uberia, Madagascar, Nalawi, Maultania, Mazambique, Namitia, Mozambique, Namitia, Mozambique, Namitia, Mozambique, Namitia, Mozambique, Santon, And Principe, Sengal, Synchreita, Sense Lono, South South Africa, Ange/as, Bernine, Bernine, Carlo D'Avoire, Equatorial Guinea, Estivea, Ethiopia, Gainoa, Guinea, Estivea, Ethiopia, Gainoa, Guinea, Bernine, Guinea-Bessua, Kenya, Lessoba, Uberia, Madagascar, Nalawi, Maultania, Mazambique, Namitia, Mozambique, Namitia, Mozambique, Santon, And Principe, Sengal, Synchreita, Sense Lono, South South Africa, Ange/as, Bernine, Bernine, Carlo D'Avoire, Equatorial Guinea, Estivea, Ethiopia, Gainoa, Guinea, Estivea, Ethiopia, Guinea, Estivea, Estive

(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.

(7) The values for the 'Other' bucket is calculated subtracting from the reported Total the breakdown of the listed countries. As a result of precision and rounding in the calculation we accept an approximation in the order of e04.

(8) Information on Non-derivative financial assets by accounting portfolio is not included for institutions applying nGAAP



							Banco Santander, S.A							
							As of 30/06/2023							
						Dire	ct exposures							
	(mln EUR)			On balance s	heet				Deriva	tives		Off bala	nce sheet	1
												Off-balance sl	heet exposures	
					Non-derivative financial as	sets by accounting portfolio	0	Derivatives with po	ositive fair value	Derivatives with	negative fair value			Risk weighted
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 assets held for trading	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	Notional amount	Nominal	Provisions	Risk weighted exposure amount
[0 - 3M [[3M - 1Y] [2Y - 2Y [[2Y - 3Y] [3Y - 5Y] [5Y - 10Y] [10Y - more Total	Austria									0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Belgium	142 161 187 326 34 633 330 1,817	52 94 187 274 30 576 276 1,490	900 161 3 326 4 171 289 1,024	000000000000000000000000000000000000000	00000000000000000000000000000000000000	0 0 0 0 7 449			0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		
[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													
10 - 3M [13M - 1Y [12Y - 2Y [12Y - 3Y [13Y - 5Y] 15Y - 10Y [10Y - more Total	Denmark									0 0 0 0 0 0 0 0 0				
[0-3M] [3M-1Y] [1Y-2Y] [1Y-2Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Estonia													



							Banco Santander, S.A.							
							As of 30/06/2023							
						Direc	t exposures							
	(mln EUR)			On balance s	heet				Deriva	tives		Off balar	ice sheet	-
												Off-balance sł	eet exposures	
			-		Non-derivative financial as	sets by accounting portfolic		Derivatives with po	sitive fair value	Derivatives with	negative fair value			Risk weighted
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 assets held for trading	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	Notional amount	Nominal	Provisions	exposure amount
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Finland	22 11 44 0 0 51 0 126	20 11 44 0 0 51 0 126			0 0 44 0 0 51 0 95	20 11 0 0 0 0 0 31			0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 5 0 0 0 0 0 5 5		0
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	France	255 558 181 8 8 2,066 105 3,180	199 104 179 6 8 2 054	58 454 1 5 7		199 89 95 0 0 151 0 534	0 15 83 1 1 1,885			0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 111 112		17
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Germany	46 300 4 4 5 2 2 5 4 3 3		2 48 4 0 13 21 6 93			44 252 35 4 3 0 0 0 338) ((((911 915	3,019 1,757 605 335 200 660 3,988 10,264	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	32 0 0 0 0 0 0 0 32		2
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Croatia		0 6 0 0 0 0 0 4 1	0 6 0 0 0 0 0 4 4 1			0 0 0 0 0 0			0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		0
f 0 - 3M f f 3M - 1Y f [1Y - 2Y [f 2Y - 3Y f [3Y - 5Y [f 5Y - 10Y f f 10Y - more Total	Greece						0 0 0 0 0 0			0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0		0
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Hungary						0 0 0 0 0 0 0			0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Ireland						0 0 0 0 0 0 0			0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		0
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Italy	2,39) 6,566 303 467 2,578 213 213 12,710	1,085 5,145 717 1 1 2,460 128 5,538	1,624 2,458 263 33 45		0 297 0 0 0 0 417 0 714	767 3,613 717 1 1 1 1,671 0 6,770							
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Latvia		0 0 0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0 0 0				0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0		0



							Banco Santander, S.A.							
							As of 30/06/2023							
						Dire	t exposures							
	(mln EUR)			On balance sl	heet				Derivat	tives		Off balar	ice sheet	
												Off-balance st	neet exposures	
					Non-derivative financial as	sets by accounting portfolio		Derivatives with pos	itive fair value	Derivatives with	negative fair value			Risk weighted exposure amount
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 assets held for trading	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	Notional amount	Nominal	Provisions	exposure amount
[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	100 81 97 72 366 654 155 1,447	2	101 81 19 72 164 153 155 745			0 0 0 202 501 0 0 703	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Maita													
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Netherlands						0 0 0 0 0 0		0 0 0 0 0 0					
Total [0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Poland	163 2,587 1,705 2,213 1,430 2,213 1,433 1,433 72 2,506 2,500	2,567 1,681 1,430 2,183 1,397	0 12 1800 31 0 46 49 13 332		0 98 2,313 904 858 2,080 1,132 42 7,428	57 94 769 572 87 251	0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 4 0 0 0 0 0		22 61 5 8 5 9 13 123	000000000000000000000000000000000000000	137
100an [0 - 3M [[3M - 1Y [[1Y - 2Y [[2Y - 3Y [[3Y - 5Y [[5Y - 10Y [[10Y - more Total	Portugal	2,05 333 122 1,27 2,46 2,467 2,467 2,467 6,029	354 312 125 1,875 248 7 2,867	1 78 0 0 0 0 53 13 145		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	354 233 125 47 157 382	2 0 0 6 0 0 0 0 52 0 2 8 8	0 100 0 62 162			30 153 101 2 0 6 8 8 300	000000000000000000000000000000000000000	137
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Romania	254,0 0 0 1 0 0 0 0	0,010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 6 6 6		0 0 0 0 0 0 0 0 0 0 0 0		88 0 0 0 0 0 0 0 0						0
[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													



							Banco Santander, S.A.							
							As of 30/06/2023							
						Direc	t exposures							
	(mln EUR)			On balance st	heet				Deriva	tives		Off bala	nce sheet	
												Off-balance sl	neet exposures	
					Non-derivative financial as	sets by accounting portfolic		Derivatives with po	sitive fair value	Derivatives with	negative fair value			Risk weighted
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 assets held for trading	of which: Financial assets designated at fair value through profit or loss	of which: Financial assets at fair value through other comprehensive income		Carrying amount	Notional amount	Carrying amount	Notional amount	Nominal	Provisions	exposure amount
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [107-more Total	Spain	3,807 7,423 1,913 667 1,610 20,197 3,150 38,777	2,333 6,714 1,714 595 1,304 19,754 3,006 35,421	3,438 3,039 38 72 314 324 324 545 7,774	108 151 158 415 229 337 0 337 0 337 1 337		261 4,139 1,716 180 1,075 19,530 2,452 29,36 4	3 2 65	0 498 0 185 0 650 0 80 8 639 8 7768 8 540 3,360	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	651 752 1 2 0 427 1,834		39
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Sweden	212 2 0 0 0 0 0 214 214	212 2 0 0 0 0 0 214 214				212 2 0 0 0 0 0 2 214			0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		0
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	United Kingdom	888 2,015 14 8 264 494 712 4,386	0	732 367 14 8 264 59 449 1.892	0	0 17 0 0 0 169 263 249	156 1,612 0 0 0 0 71 71 840			0 0 0 0 0 37	0 0 0 0 0 87			24
10031 [0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Iceland	4,300	3,033	1,092		112			232					24
Image: Constraint of the system Image: Constraint of the system	Liechtenstein													
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Norway	0 27 0 0 0 0 0 0 27	0 27 0 0 0 0 0 27				0 27 0 0 0 0 0 0 22			0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0			5
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Australia						0 0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0		0
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Canada	0 29 55 5 1 1 1 0 0 86	0 29 55 1 1 1 0 0 8 6	0 0 1 1 1 2		0 29 55 0 0 0 0 8 4				0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0			0
[0-3M[[3M-1Y] [1Y-2Y] [2Y-3Y] [5Y-5Y] [5Y-10Y] [10Y-more Total	Hong Kong													



							Banco Santander, S.A.							
							As of 30/06/2023							
						Dire	ct exposures							
	(mln EUR)			On balance sl	heet				Deriva	tives		Off bala	nce sheet	_
												Off-balance sl	neet exposures	
					Non-derivative financial as	ssets by accounting portfolio	,	Derivatives with po	sitive fair value	Derivatives with	ı negative fair value			Risk weighted
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 assets held for trading	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	Notional amount	Nominal	Provisions	exposure amount
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Japan	1,052 1,653 0 0 1 7 7 0 0 2,730	0 0 17 0	336 0 0 0 0 0 0 3 36		726 1,650 0 0 17 0 0 0 0 0 2,394	000000000000000000000000000000000000000							
Total [0 - 3M] [3M - 1Y] [1Y - 2Y] [2Y - 3Y] [3Y - 5Y] [5Y - 10Y] [10Y - more Total	u.s.	4,753 4,757 2,232 2,17 898 2,527 1,043 11,301 2,558	2,730 4,368 2,199 217 88 2,527 961 11,301 22,473	336 1.041 789 106 0 50 139 886 3,010		2,5*0 1,842 6 7 7 7 10 900 3,188 6,705 6,705	1,495 1,378 112 898 1,766 5	7 88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				4 0 0 0 0 0 0 0 4		
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	China								0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Switzerland	1,432 344 0 0 0 0 0 0 0 1,736	000000000000000000000000000000000000000			1,433 304 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0							
10-3M [3M-1Y [1Y-2Y [1Y-2Y [13Y-5Y] 15Y-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 0 0 0 0 0 0 87 87	0 0 0 0 0 0 87 87				0 0 0 0 0 0 87 87					0 0 0 0 0 0 106 106		
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more Total	Middle East	60 0 0 27 27	60 0 0 0 27				60 0 0 27 662 200 949					0 0 0 0 0 44 44 88 88		
1043 [0 - 3M] [3M - 1Y] [1Y - 2Y] [2Y - 3Y] [3Y - 5Y] [5Y - 10Y] [10Y - more Total	Latin America and the Caribbean	300 340 803 803 803 803 803 9,865 9,966 9,717 6,427 6,	949 2,070 8,032 13,574 13,563 9,684 7,661 6,388 60,921	2,943 2,400 3,112 2,258 4,191 5,064 2,024 21,994		387 1,206 5,533 7,825 4,195 1,767 1,810 1,810 22,734	343 517 4,429 3,476 1,296 882 2,200 18,132	4,710 4531 98 0 284 166 932 5,807	4,131 0 0 0 0 0			0 2 0 0 0 335 0 337		



General governments exposures by country of the counterparty

							Banco Santander, S.A.							
							As of 30/06/2023							
						Dire	ct exposures							
	(mln EUR)			On balance sl	heet				Deriva	tives		Off bala	nce sheet	1
												Off-balance s	heet exposures	
					Non-derivative financial as	sets by accounting portfolion)	Derivatives with po	sitive fair value	Derivatives with	h negative fair value			
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 assets held for trading	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	Notional amount	Nominal	Provisions	Risk weighted exposure amount
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [5Y-10Y] [10Y-more Total	Africa	0 1 33 16 34 101 47 230	0 1 31 16 34 101 47 230				0 1 31 16 34 101 47 230	0 0 0 0 0 0				0 0 0 0 0 0 0 487 487		
[0-3M] [3M-1Y] [1Y-2Y] [2Y-3Y] [3Y-5Y] [5Y-10Y] [10Y-more	Others	0 0 31 0 0 0 0 0 0	0 0 31 0 0 0 0 0	0 0 0 0 0 0 0 0			0 31 0 0 0 0 0					0 0 0 0 30 30		
Total		31	31	0	0		31	Ő	0	Ċ	o o	30		0 0

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 hold non-domestic 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). Inspective 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.

Lath America: Argentras, Beiles, Bohins, Baral, Oile, Codonés, Coda Réz, Oominica, Dominica, Benaldes, Caudo, Ré Shador, Grenada, Guatemala, Guyan, Hait, Honduras, Jamaica, Henko, Nicaragua, Panu, S. Kitts and Nevis, S.: Lucia, S. Vincent and the Genadanes, Surianae, Trivitada and Tobaga, Unguay, Venezuela, Antigua And Barbuda, Aruba, Bahanas, Barbados, Cuyan, Islando, Cuenada, Guatemala, Guyan, Jean, Bahanas, Barbados, Cuyan, Lating, Arendo, S.: Lucia, S. Vincent and the Genadanes, Surianae, Trivitada and Tobaga, Unguay, Venezuela, Antigua And Barbuda, Aruba, Bahanas, Barbados, Cuyan, Islando, Cuba, French Guiana, Gadebuqe, Mantingae, Peneto Ros, Sant Barbideriou, Turis And Cacios Barbados, Venezuela, Antigua, Panama, Barbados, Cuba, French Guiana, Gadebuqe, Mantingae, Peneto Ros, Sant Barbideriou, Turis And Cacios Barbados, Venezuela, Antigua, Peneto Ros, Nato Barbados, Elandor, Grego Ros, Barbados, Cuba, Res, Orano, Respectiva, Barbados, Cuba, Res, Delandos, Cuba, Res, Mantingae, Peneto Ros, Sant Barbideriou, Turis And Cacios Barbados, Venezuela, Antigua, Peneto Ros, Nato Barbados, Elandos, Venezuela, Antigua, Peneto Ros, Nato Barbados, Elandos, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Cuba, Res, Delandos, Cuba, Peneto Guiana, Gadebuqe, Mathida and Tobaga, Unguay, Venezuela, Antigua, Peneto Ros, Nato Barbados, Elandos, Venezuela, Antigua, Peneto Ros, Nato Barbados, Elandos, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Cuba, Peneto Guiana, Gadebuge, Mathida and Tobaga, Unguay, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Venezuela, Antigua, Peneto Ros, Nato Barbados, Barbados, Peneto Ros, Nato Barbados, Barbados, Venezuela, Antigua And Barbados, Antigua Antitationae Antigua Antigua Antitationae Antigu

Africe: Age/as, Egypt, Morocco, South Africa, Ange/as, Bernin, Retsmanna, Facina, Barundel, Camerono, Cape Verets, Central African Regulation, Collardo, Camoro, Canopo, Carlo D'Avoire, Equatorial Guinea, Estivea, Ethiopia, Gainoa, Guinea, Bernine, Southan, Ange, Ange/as, Barund, Camoro, Canopo, Carlo D'Avoire, Equatorial Guinea, Estivea, Ethiopia, Gaino, Guinea, Bernine, Guinea-Bessua, Kenya, Lessoba, Uberia, Madagascar, Nalawi, Maultania, Mazambique, Namitia, Mozambique, Namitia, Mozambique, Namitia, Mozambique, Namitia, Mozambique, Santon, And Principe, Sengal, Synchreita, Sense Lono, South South Africa, Ange/as, Bernine, Bernine, Carlo D'Avoire, Equatorial Guinea, Estivea, Ethiopia, Gainoa, Guinea, Estivea, Ethiopia, Gainoa, Guinea, Bernine, Guinea-Bessua, Kenya, Lessoba, Uberia, Madagascar, Nalawi, Maultania, Mazambique, Namitia, Mozambique, Namitia, Mozambique, Santon, And Principe, Sengal, Synchreita, Sense Lono, South South Africa, Ange/as, Bernine, Bernine, Carlo D'Avoire, Equatorial Guinea, Estivea, Ethiopia, Gainoa, Guinea, Estivea, Ethiopia, Guinea, Estivea, Estive

(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.

(7) The values for the 'Other' bucket is calculated subtracting from the reported Total the breakdown of the listed countries. As a result of precision and rounding in the calculation we accept an approximation in the order of eVH. (8) Information on Non-derheative Inancial assets by accounting portfolio is not included for institutions applying nGMP

Performing and non-performing exposures Banco Santander, S.A.

					A					ander, 554.								
					As of 30/09/2022									As of 31/12/2022				
		Gross ca	rrying amount/ Nominal amo	unt		Accumulated imp value due to cred	airment, accumulated no it risk and provisions ⁴	sgative changes in fair	Collaterals and		Gross ca	rrying amount/ Nominal	amount		Accumulated imp value due to crea	airment, accumulated ne lit risk and provisions ⁴	agative changes in fair	Collaterals and
		Of which performing but past due >30 days	Of wh	nich non-performing		On performing exposures ²	On non-perform	ning exposures ³	financial guarantees received on non- performing exposures		Of which performing but past due >30 days		of which non-performing		On performing exposures ²	On non-perform	ning exposures ²	financial guarantees received on non- performing exposures
(with FUP)		and <=90 days	or	which: defaulted	Of which Stage 3 ¹	exposures		Of which Stage 3 ⁸			and <=90 days		Of which: defaulted	Of which Stage 3 ⁸	exposition		Of which Stage 3 ⁸	
Cash balances at central banks and other demand deposits	238,269	0	0	0	0	0	0	0	0	214,266	0	0	0	0	3	0		0
Debt securities (including at amortised cost and fair value)	138,263	3	403	399	374	34	210	203	37	139,699	7	431	426	403	23	206	198	39
Central banks	9,669		0		0	1	0			12,133	0	0	0	0	1	0		0
General governments	89,485		0	0	0	3	0			90,873	0	0	0	0	3	0		0
Credit institutions	9,417	· •	0	0	0	1	0		0	7,033	0	0	0	0	1	0		0
Other financial corporations	16,159	2	19	19	3	1	3			16,769	1	25	25	11	1	3		0
Non-financial corporations	13,532	2	384	380	371	28	207	203	37	12,891	6	406	401	392	17	203	19	39
Loans and advances(including at amortised cost and fair value)	1,148,775	5,477	38,206	37,704	34,149	9,204	15,280	14,367	16,651	1,116,538	5,163	36,853	36,599	33,205	8,335	14,708	13,896	15,975
Central baries	16,746	. o	0	0	0	0	0	0	0	15,397	0	٥	٥	o	0	0		0
General governments	27,100	2	36	36	24	10	11	10	0	27,165	3	65	65	54	13	11	1	34
Credit institutions	49,340		1	0	0	9	0		0	46,520	0	0	0	o	e	0		
Other financial corporations	90,432	316	321	317	307	106	103	96	188	80,495	21	272	272	263	126	117	11	. 13
Non-financial corporations	346,753	1 797	13,916	13,588	12,502	2,659	5,721	5,375	5,614	338,133	727	13,310	13,248	12,115	2,296	5,827	5,48	5,38
of which: small and medium-sized enterprises	130,949	596	8,198	8,172	7,853	1,185	3,554	3,471	3,571	129,033	544	8,037	8,005	7,454	1,238	3,537	3,36	3,74
of which: Loans collateralised by commercial immovable property	51,050	66	4,327	3,740	3,430	433	1,471	1,212	2,357	50,632	59	4,292	4,275	3,706	405	1,536	1,35	2,67
Households	618,404	4,361	23,933	23,762	21,316	6,421	9,445	8,885	10,848	608,829	4,412	23,206	23,015	20,772	5,893	8,752	8,28	10,42
of which: Loans collateralised by residential immovable property	379,916	6 956	8,103	8,016	6,931	588	1,546	1,487	6,426	377,085	946	8,332	8,313	7,151	605	1,446	1,36	6,15
of which: Credit for consumption	203,805	3,283	12,639	12,469	11,319	5,532	6,913	6,447	3,850	200,067	3,370	12,702	12,538	11,459	4,933	6,560	6,10	3,95
DEBT INSTRUMENTS other than HFT	1,525,307	5,480	38,609	38,103	34,523	9,238	15,490	14,569	16,688	1,470,503	5,170	37,284	37,025	33,608	8,361	14,914	14,094	16,01
OFF-BALANCE SHEET EXPOSURES	402,321		2,127	2,081	1,865	487	242	217	262	380,606		2,081	1,962	1,770	496	238	208	254
	(1) For the definition of non-pe	informing exposures clease refer t	o Article 47a(3) of Reculation (EU) N	b 575/2013 (CRR)														

¹⁰ Pt b faithfor of non-derivine assume share be field (20) if faudition (20) is faudition (20) i

EBA

EBA INTE

2023 EU-wide Transparency Exercise

Performing and non-performing exposures Banco Santander, S.A.

									banco sanc									
					As of 31/03/2023									As of 30/06/2023				
		Gross ca	rrying amount/ Nominal	amount		Accumulated imp value due to cred	airment, accumulated ne it risk and provisions ⁴	egative changes in fair	Collaterals and		Gross ca	arrying amount/ Nomina	lamount		Accumulated im value due to cre	pairment, accumulated n dit risk and provisions ⁴	egative changes in fair	Collaterals and
		Of which performing but past due >30 days		Of which non-performing		On performing exposures ³	On non-perform	ming exposures ³	financial guarantees received on non- performing exposures		Of which performing but past due > 30 days		Of which non-performing		On performing exposures ²	On non-perfor	ming exposures ³	financial guarantees received on non- performing exposures
(adv 610)		and <=90 days		Of which: defaulted	Of which Stage 3 ⁸	exposures		Of which Stage 3 ¹			and <=90 days		Of which: defaulted	Of which Stage 3 ⁸	exposures		Of which Stage 3 ⁸	
Cash balances at central banks and other demand deposits	195,341	0	0	0	0	0				199,411	0	0	0					0
Debt securities (including at amortised cost and fair value)	147,442	5	467	463	413	25	228	220	25	157,187	11	507	501	444	33	243	235	
Central banks	9,991	0	0	0	0	1	0		0	11,661	0	0	0	0				
General governments	97,471	0	0	0	0	4	0	. a	0	101,757	0	0	0	0				
Credit institutions	9,298	0	0	0	0	1	0	. a	0	10,972	0	0	0	0				
Other financial corporations	16,784	1	26	26	11	0	3		0	17,637	1	27	27	11		i 6		
Non-financial corporations	13,898	4	441	437	402	19	225	220	25	15,158	10	480	474	433	2	235	23	
Loans and advances(including at amortised cost and fair value)	1,125,476	5,082	37,253	36,830	33,008	8,393	14,600	13,601	16,492	1,133,509	5,136	38,233	37,957	33,666	8,457	15,106	14,179	16,739
Central banks	17,670	0	0	٥	٥	٥	0	o a	0	17,894	0	0	0	0				• •
General governments	26,754	2	58	58	50	13	10	e 9	30	26,724	3	52	52	45	1			30
Credit institutions	48,478	0	0	٥	o	6	0	. a	0	52,401	0	0	0	0		; c		
Other financial corporations	85,855	38	305	304	295	97	128	122	166	80,390	29	420	420	404	15	133	12	183
Non-financial corporations	339,113	772	13,195	12,965	12,153	2,323	5,611	5,288	5,469	342,521	696	12,904	12,844	11,813	2,35	5,540	5,26	5,331
of which: small and medium-sized enterprises	128,593	586	7,487	7,460	6,909	1,262	3,463	3,303	3,246	127,615	531	7,403	7,378	6,919	1,27	3,398	3,25	3,177
of which: Loans collateralised by commercial immovable property	53,756	92	4,085	4,072	3,541	474	1,431	1,273	2,348	53,798	55	3,738	3,726	3,204	47.	1,303	1,16	2,362
Households	607,605	4,270	23,695	23,503	20,509	5,954	8,850	8,181	10,827	613,580	4,408	24,857	24,641	21,404	5,92	9,423	8,77	11,195
of which: Loans collateralised by residential immovable property	374,775	1,391	8,467	8,392	7,073	592	1,470	1,364	6,285	375,589	1,169	8,767	8,690	7,386	54	1,495	i 1,42	6,524
of which: Credit for consumption	198,510	2,726	13,011	12,938	11,341	4,636	6,726	6,132	4,265	203,424	3,094	13,932	13,801	12,252	4,99	7,226	6,64	4,351
DEBT INSTRUMENTS other than HFT	1,468,258	5,087	37,720	37,293	33,421	8,418	14,828	13,821	16,517	1,490,106	5,147	38,740	38,458	34,110	8,485	15,349	14,418	16,739
OFF-BALANCE SHEET EXPOSURES	391,084		1,993	1,944	1,778	509	271	. 245	252	412,861		1,893	1,844	1,646	497	259	234	219
	(1) For the definition of non-p	aforming exposures please refer	to Article 47a(3) of Regulation	(EU) No 575/2013 (CRR)														

(1) the the definition of the sparming quark grant the track that (1) a the space (1) and (1) a the space (1) and (1)

(c) for the or-bidence shall here, accounted in episorents and accounted to the protocol account on th

EBA EUROPEAN BANKING AUTHORITY

2023 EU-wide Transparency Exercise

Forborne exposures

Banco Santander, S.A.

			As of 30/	09/2022					As of 31/	12/2022		
		ring amount of with forbearance	Accumulated in accumulated c value due to cr provisions for forbearance m	hanges in fair edit risk and exposures with	received on e	ancial guarantees kposures with e measures		ying amount of with forbearance	Accumulated i accumulated o value due to c provisions for forbearance m	hanges in fair redit risk and exposures with	received on e	ancial guarantees xposures with e measures
(min EUR)		Of which non- performing exposures with forbearance measures		Of which on non- performing exposures with forbearance measures		Of which collateral and financial guarantees received on non- performing exposures with forbearance measures		Of which non- performing exposures with forbearance measures		Of which on non- performing exposures with forbearance measures		Of which collateral and financial guarantees received on non- performing exposures with forbearance measures
Cash balances at central banks and other demand deposits	0	o	0	0	0	0	0	0	0	0	0	0
Debt securities (including at amortised cost and fair value)	372	285	177	171	37	37	280	270	132	132	39	39
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	372	285	177	171	37		280	270	132	132	39	
Loans and advances (including at amortised cost and fair value)	37,354	16,854	8,556	6,926	21,777	7,646	35,050	15,974	8,225	6,649	20,372	7,511
Central banks	0	0	0	0	0	0	0	0	0	0	0	0
General governments	24	7	5	5	1	1	234	7	6	5	16	1
Credit institutions	0	0	0	0	0	0	0	0	0	0	0	0
Other financial corporations	379	166	61	58	257	107	368	140	59	54	266	86
Non-financial corporations	18,357	8,080	3,554	3,118	11,667	3,748	16,860	7,420	3,491	3,077	10,800	3,681
of which: small and medium-sized enterprises	9,775	4,588	2,257	1,982	6,346		9,135	4,392	2,211	1,949	5,909	
Households	18,594	8,600	4,937	3,745	9,852	3,790	17,587	8,406	4,670	3,513	9,290	3,742
DEBT INSTRUMENTS other than HFT	37,727	17,139	8,733	7,097	21,814		35,330	16,244	8,357	6,780	20,411	
Loan commitments given	2,712	164	16	2	533	112	2,687	115	49	4	678	47
QUALITY OF FORBEARANCE ²												
Loans and advances that have been forborne more than twice 3	0						0					
Non-performing forborne loans and advances that failed to meet the non- performing exit criteria ³	0						0					

⁽¹⁾ Forborne exposures are debt contracts in respect of which forbearance measures as defined in Article 47b(1) and (2) CRR have been applied

⁽²⁾For the on-balance sheet items, accumulated impairments and accumulated negative changes in fair value due to credit risk are disclosed with a positive sign if they are decreasing assets. Following this sign convention, information is disclosed with the opposite sign of what is reported according to the FINREP framework (templates F18.00 / F19.00), which follows a sign convention based on a credit/debit convention, as explained in Annex V, Part 1 paragraphs 10 and 11 of Regulation (EU) 2021/451-ITS on Supervisory reporting. However, for the off-balance sheet instruments, the same item (Accumulated impairment, accumulated changes in fair value due to credit risk and provisions') is disclosed consistently with the FINREP sign convention. This is because, based on this sign convention, the provisions on off-balance sheet constructive sign.

(1) The information applies only to banks meeting at least one of the criteria for significance and having a ratio of non-performing loans and advances divided by total loans and advances (excluding loans and advances classified as held for sale, cash balances at central banks and other demand deposits) of 5% or above.

EBA EUROPEAN BANKING AUTHORITY

2023 EU-wide Transparency Exercise

Forborne exposures

Banco Santander, S.A.

			As of 31/	03/2023					As of 30/	06/2023		
		ving amount of with forbearance	Accumulated in accumulated c value due to co provisions for forbearance m	hanges in fair redit risk and exposures with	Collateral and fin received on e forbearanc	posures with		ring amount of with forbearance	Accumulated in accumulated c value due to co provisions for forbearance m	hanges in fair redit risk and exposures with	received on e	aancial guarantees exposures with ee measures
(min EUR)		Of which non- performing exposures with forbearance measures		Of which on non- performing exposures with forbearance measures		Of which collateral and financial guarantees received on non- performing exposures with forbearance measures		Of which non- performing exposures with forbearance measures		Of which on non- performing exposures with forbearance measures		Of which collateral and financial guarantees received on non- performing exposures with forbearance measures
Cash balances at central banks and other demand deposits	0	0	0	0	0	0	0	0	0	0	0	o
Debt securities (including at amortised cost and fair value)	326	316	174	174	25	25	319	308	178	178	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	326	316	174	174	25		319	308	178	178	0	
Loans and advances (including at amortised cost and fair value)	35,888	15,568	8,127	6,423	20,837	7,285	34,800	15,762	8,146	6,470	19,327	7,721
Central banks	0	0	0	0	0	0	0	0	0	0	0	0
General governments	295	6	5	4	278	1	369	3	3	3	2	0
Credit institutions	0	0	0	0	0	0	0	0	0	0	0	0
Other financial corporations	354	139	57	53	254	85	491	224	61	57	397	166
Non-financial corporations	16,979	7,028	3,334	2,839	10,985	3,373	15,374	6,624	3,070	2,601	9,746	3,556
of which: small and medium-sized enterprises	8,878	4,091	2,247	1,911	5,819		8,165	4,028	2,133	1,820	5,121	
Households	18,260	8,395	4,730	3,527	9,320	3,826	18,567	8,910	5,012	3,809	9,183	3,999
DEBT INSTRUMENTS other than HFT	36,215	15,884	8,301	6,597	20,862		35,120	16,069	8,324	6,648	19,327	
Loan commitments given	1,349	197	75	39	851	156	1,150	87	41	3	637	30
QUALITY OF FORBEARANCE ²												
Loans and advances that have been forborne more than twice 3	0						0					
Non-performing forborne loans and advances that failed to meet the non- performing exit criteria ³	0						0					

(1) Forborne exposures are debt contracts in respect of which forbearance measures as defined in Article 47b(1) and (2) CRR have been applied

(2)For the on-balance sheet items, accumulated impairments and accumulated negative changes in fair value due to credit risk are disclosed with a positive sign if they are decreasing assets. Following this sign convention, information is disclosed with the opposite sign of what is reported according to the FINREP framework (templates F13.00 / F13.00), which follows a sign convention based on a credit/debit convention, as explained in Annex V, Part 1 paragraphs 10 and 11 of Regulation (EU) 2021/451- ITS on Supervisory reporting. However, for the off-balance sheet instruments, the same item (Accumutated impairment, accumutated damages in fair value due to credit risk and provisors) is disclosed consistently with the FINREP sign convention. This is because, based on this sign convention, the rowertion, the provisors on off-balance sheet commitments are generally reported with a positive sign.

(3) The information applies only to banks meeting at least one of the criteria for significance and having a ratio of non-performing loans and advances divided by total loans and advances (excluding loans and advances classified as held for sale, cash balances at central banks and other demand deposits) of 5% or above.

2023 EU-wide Transparency Exercise Breakdown of loans and advances to non-financial corporations other than held for trading Banco Santander, S.A.

			AS OT 30	0/09/2022					As of 3	1/12/2022					As of 31	/03/2023					As of 30	/06/2023		
	Gross carry	ing amount				Accumulated	Gross carry	ying amount				Accumulated	Gross carr	ring amount				Accumulated	Gross carr	ying amount				Accumulated
(min EUR)		Of which: non- performin	of which: defaulted	Of which loans and advances subject to impairment	Accumulated Impairment ³	negative changes in fair value due to credit risk on non-performing exposures ¹		Of which: non- performin	of which: defaulted	Of which loans and advances subject to impairment	Accumulated Impairment ¹	negative changes in fair value due to credit risk on non-performing exposures ¹		Of which: non- performin	of which: defaulted	Of which loans and advances subject to impairment	Accumulated impairment ¹	negative changes in fair value due to credit risk on non-performing exposures ¹		Of which non- performin		Of which loans and advances subject to impairment	Accumulated impairment ¹	negative changes in fair value due to credit risk on non-performing exposures ¹
	8.918	468	468	8.859	264	Û	8.343	493	493	8.289	290	0	8.336	488	488	8.274	286	0	8.380	473	471	8.329	290	0
	7.707	68	68	7.656	45	0	8.629	54	54	8.582	48	0	8.988	49	49	8.941	40	0	10.182	38	38	10.138	35	0
C Manufacturing	60,759	2,042	1,909	60,374	1,205	1	58,859	2,067	2,067	58,490	1,683	1	58,995	2,125	1,995	58,674	1,287	0	58,789	1,991	1,982	58,511	1,224	0
D Electricity, gas, steam and air conditioning supply	18,291	469	468	18,283	201	0	16,540	407	395	16,289	206	0	15,820	428	401	15,786	209	0	15,239	577	577	15,238	239	0
E Water supply	1.719	35	35	1.691	28	0	1.547	33	33	1.520	31	0	1.629	33	33	1.604	31	0	1.628	29	29	1.606	30	0
F Construction	19,324	1,192	1,190	19,303	764	Ū	18,649	1,115	1,115	18,617	737	0	18,717	1,050	1,044	18,659	703	0	18,727	1,004	999	18,689	680	12
G Wholesale and retail trade	72.072	3.145	3.136	71.800	1.909	1	73.732	3.680	3.680	73.506	1.923	2	73.962	3.866	3.856	73.824	2.279	1	78.793	3.487	3.476	78.491	2.283	0
H Transport and storage	19,889	918	918	19,723	493	4	18.242	997	997	18.068	474	4	17.414	802	802	17.256	446	4	16.820	904	901	16.666	450	4
I Accommodation and food service activities	12,646	1,700	1,700	12,501	632	2	11,875	1,291	1,291	11,749	538	1	11,901	1,316	1,313	11,762	526	1	11,646	1,225	1,216	11,521	502	2
J Information and communication	18.218	243	241	18.195	166	0	18.575	262	256	18.553	137	0	15.260	248	248	15.245	143	0	14.984	219	218	14.965	132	0
K Financial and insurance activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	42.750	1.240	1.230	42.200	620	0	41.954	1.242	1.236	41.446	630	0	45.778	1.099	1.099	45.271	628	0	46.074	1.047	1.032	45.750	635	1
M Professional, scientific and technical activities	19,761	1,041	1,041	19,657	1,029	0	18,147	309	291	18,042	592	0	18,901	412	386	18,806	512	0	19,233	681	681	19,220	607	0
N Administrative and support service activities	14,122	486	485	14,079	375	0	12,964	469	469	12,937	306	0	13,581	468	468	13,548	347	0	13,565	444	443	13,537	295	0
O Public administration and defence, compulsory social security	2,102	1	0	2,027	1	0	1,997	0	0	1,924	1	0	2,025	0	0	1,951	1	0	1,937	0	0	1,862	1	0
P Education	1.987	79	78	1.965	56	0	1.965	71	71	1.949	56	0	2.000	75	75	1.984	55	0	2.077	66	66	2.052	53	0
Q Human health services and social work	5,106	172	172	5,054	112	0	4,987	182	181	4,943	110	0	4,988	204	204	4,943	110	0	4,852	192	191	4,809	104	0
R Arts, entertainment and recreation	1.547	155	155	1 535	75	0	1 544	148	148	1.536	78	0	1.486	123	123	1.477	61	0	1 344	99	99	1 337	52	0
	19.836	463	292	19.558	399	ō	19,582	490	469	19.422	276	0	19.333	408	381	18,959	260	0	18.254	426	426	17,759	263	õ
Loans and advances	346 753	13.916	13,588	344.463	8 373	7	338 133	13.310	13,248	335.881	8 115	8	339.113	13,195	12 965	336.965	7.925	8	342 521	12 904	12.844	340.480	7.875	20

⁽¹⁾ The Items' accumulated impairment' and 'accumulated negative changes in fair value due to credit risk on non-performing exposures' are disclosed with a positive sign if they are decreasing an asset. Following this sign convention, information is disclosed with the opposite sign of winat is reported according to the FIMEP framework (template F 06.01), which follows a sign convention based on a credit/debt convention, as explained in Annex V, Part 1 paragraphs 10 and 11 of Regulation ((0)) 2021/61. To Si opervisively reporting.

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