

## Annex of tables

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Cutoff date for data: June 2, 2020

Conventions used:

× = no data can be indicated for technical reasons.

.. = data not available at the reporting date.

Revisions of data published in earlier volumes are not indicated.

Discrepancies may arise from rounding.

## International financial market indicators

Table A1

### Short-term interest rates<sup>1</sup>

	2012	2013	2014	2015	2016	2017	2018	2019
	Three-month rate, period average, %							
Euro area	0.57	0.22	0.21	-0.02	-0.26	-0.33	-0.32	-0.36
U.S.A.	0.43	0.27	0.23	0.32	0.74	1.26	2.31	2.33
Japan	0.33	0.24	0.21	0.17	0.08	0.06	0.07	0.07
United Kingdom	0.83	0.51	0.54	0.57	0.50	0.36	0.72	0.81
Switzerland	0.07	0.02	0.01	-0.75	-0.75	-0.73	-0.73	-0.74
Czech Republic	1.00	0.46	0.36	0.31	0.29	0.41	1.27	2.12
Hungary	6.98	4.31	2.41	1.61	0.99	0.14	0.12	0.19
Poland	4.91	3.02	2.52	1.75	1.70	1.73	1.71	1.72

Source: Bloomberg, Eurostat, Macrobond.

<sup>1</sup> Average rate at which a prime bank is willing to lend funds to another prime bank for three months.

Table A2

### Long-term interest rates<sup>1</sup>

	2012	2013	2014	2015	2016	2017	2018	2019
	Ten-year rates, period average, %							
Euro area	3.05	3.01	2.28	1.27	0.93	1.17	1.27	0.59
U.S.A.	1.82	2.16	2.63	2.14	1.83	2.32	2.81	2.33
Japan	0.87	0.72	0.58	0.37	-0.01	0.04	0.06	-0.08
United Kingdom	1.74	2.03	2.14	1.79	1.22	1.18	1.41	0.88
Switzerland	0.68	0.84	0.85	0.05	-0.36	-0.09	0.03	-0.43
Austria	2.37	2.01	1.49	0.75	0.38	0.58	0.69	0.06
Czech Republic	2.78	2.11	1.58	0.58	0.43	0.98	1.98	1.55
Hungary	7.89	5.92	4.81	3.43	3.14	2.96	3.06	2.47
Poland	5.00	4.03	3.52	2.70	3.04	3.42	3.20	2.35

Source: ECB, Eurostat, Macrobond.

<sup>1</sup> Yields of long-term government bonds.

Table A3

### Stock indices

	2012	2013	2014	2015	2016	2017	2018	2019
	Annual change in %, period average							
Euro area: EURO STOXX	-6.36	17.53	13.07	11.76	-9.67	17.16	-0.48	-0.37
U.S.A.: S&P 500	8.81	19.17	17.49	6.71	1.63	16.92	12.13	6.09
Japan: Nikkei 225	-3.43	49.20	13.84	24.21	-11.90	19.41	10.44	-2.77
United Kingdom: FTSE100	1.09	12.69	3.23	-1.38	-1.74	13.96	-0.21	-1.17
Switzerland: SMI	4.88	24.14	9.28	4.23	-10.12	10.91	-0.16	9.56
Austria: ATX	-14.79	16.94	-2.36	1.28	-5.42	34.83	7.56	-8.95
Czech Republic: PX 50	-14.56	2.53	1.62	0.81	-11.49	14.29	7.88	-2.91
Hungary: BUX	-12.01	3.26	-3.89	17.28	28.94	31.55	5.55	10.10
Poland: WIG	-6.65	16.05	8.07	-0.31	-9.83	30.01	-2.67	-1.25

Source: Macrobond.

Table A4

**Corporate bond spreads<sup>1</sup>**

	2012	2013	2014	2015	2016	2017	2018	2019
<i>Percentage points, period average</i>								
Euro area								
AA	1.46	0.89	0.63	0.73	0.80	0.73	0.70	0.79
BBB	3.55	2.25	1.75	1.91	2.11	1.70	1.78	1.85
U.S.A.								
AA	1.50	1.12	0.88	1.04	0.93	0.74	0.76	0.72
BBB	2.59	2.17	1.76	2.13	2.21	1.54	1.59	1.73

Source: Macrobond.

<sup>1</sup> Spreads of seven- to ten-year corporate bonds against ten-year government bonds (euro area: German government bonds).**Financial indicators of the Austrian corporate and household sectors**

Table A5

**Financial investment of households<sup>1</sup>**

	2012	2013	2014	2015	2016	2017	2018	2019
<i>EUR billion, four-quarter moving sum</i>								
Currency	0.6	1.2	0.9	0.9	0.6	0.6	0.8	0.7
Deposits	3.8	1.9	3.2	6.5	10.3	8.8	11.4	11.5
Debt securities <sup>2</sup>	0.2	-1.8	-4.2	-3.5	-2.7	-2.7	-1.8	-1.1
Shares and other equity <sup>3</sup>	1.1	-0.1	1.9	-0.3	1.1	-0.3	0.5	1.2
Mutual fund shares	0.9	2.7	3.5	4.1	3.1	3.8	2.2	2.6
Insurance technical reserves	3.7	3.4	3.3	1.3	1.0	0.6	0.4	0.5
Other accounts receivable	0.0	0.0	1.7	1.1	-0.4	1.5	0.8	0.5
Total financial investment	10.3	7.3	10.3	10.1	13.0	12.3	14.3	15.9

Source: OeNB (financial accounts).

<sup>1</sup> Including nonprofit institutions serving households.<sup>2</sup> Including financial derivatives.<sup>3</sup> Other than mutual fund shares.

Table A6

**Household<sup>1</sup> income and savings**

	2012	2013	2014	2015	2016	2017	2018	2019
<i>EUR billion, four-quarter moving sum</i>								
Net disposable income	185.4	185.6	190.7	193.1	201.0	207.3	214.6	223.0
Savings	16.6	13.3	14.0	13.1	15.6	15.3	16.6	18.7
Saving ratio in % <sup>2</sup>	8.9	7.1	7.3	6.7	7.7	7.3	7.7	8.3

Source: Statistics Austria (national accounts broken down by sectors).

<sup>1</sup> Including nonprofit institutions serving households.<sup>2</sup> Saving ratio = savings / (disposable income + increase in accrued occupational pension benefits).

Table A7

**Financing of nonfinancial corporations**

	2012	2013	2014	2015	2016	2017	2018	2019
	<i>EUR billion, four-quarter moving sum</i>							
Debt securities <sup>1</sup>	2.8	1.7	-0.7	0.0	0.7	-1.9	-1.2	-1.2
Loans	0.6	7.0	3.3	5.7	14.2	15.2	13.4	14.0
Shares and other equity	2.4	4.4	4.1	2.5	3.7	12.4	-0.9	1.9
Other accounts payable	0.9	3.1	2.9	4.5	5.6	0.8	7.5	3.7
Total external financing	6.7	16.2	9.6	12.7	24.2	26.5	18.8	18.4

Source: OeNB (financial accounts).

<sup>1</sup> Including financial derivatives.

Table A8

**Insolvency indicators**

	2012	2013	2014	2015	2016	2017	2018	2019
Estimated default liabilities (opened insolvency proceedings, EUR million)	3,206	6,255	2,899	2,430	2,867	1,863	2,071	1,697
Opened insolvency proceedings (number)	3,505	3,266	3,275	3,115	3,163	3,025	2,985	3,044
Dismissed applications for insolvency proceedings (number)	2,536	2,193	2,148	2,035	2,063	2,054	1,995	1,974
Total insolvencies (number)	6,041	5,459	5,423	5,150	5,226	5,079	4,980	5,018

Source: Kreditschutzverband von 1870.

Note: Estimated default liabilities for 2013 include one large insolvency.

Table A9

**Housing market indicators**

	2012	2013	2014	2015	2016	2017	2018	2019
<b>Residential property price index</b> (2000=100)								
Vienna	180.7	196.3	204.6	209.2	217.2	220.4	232.0	243.2
Austria	149.1	156.0	161.4	168.1	180.4	187.2	200.1	208.0
Austria excluding Vienna	137.4	141.1	145.4	152.9	166.7	174.9	189.8	194.8
<b>Rent prices<sup>1</sup></b> (2015=100)								
Rents of apartments excluding utilities, according to the CPI	89.4	92.2	95.8	100.0	103.1	107.4	111.4	114.7
<b>OeNB fundamentals indicator for residential property prices<sup>2</sup></b>								
Vienna	10.5	14.4	15.1	15.2	16.2	18.0	20.3	21.7
Austria	-0.6	-1.7	-1.9	0.1	4.3	8.5	12.0	12.6

Source: OeNB, Vienna University of Technology (TU Wien).

<sup>1</sup> Free and regulated rents.<sup>2</sup> Deviation from fundamental price in %.

Austrian financial intermediaries<sup>1</sup>

Table A10

## Structural indicators

	2012	2013	2014	2015	2016	2017	2018	2019
	End of period							
Number of banks in Austria	809	790	764	738	672	628	597	573
Number of bank branches	4,468	4,359	4,255	4,096	3,926	3,775	3,639	3,521
Number of foreign subsidiaries	101	93	85	83	60	58	55	53
Number of branches abroad	146	151	200	207	209	215	219	229
Number of employees <sup>1</sup>	79,110	77,712	75,714	75,034	74,543	73,712	73,508	73,203

Source: OeNB.

<sup>1</sup> Number of persons, including part-time employees, employees on leave or military service, excluding blue-collar workers.

Table A11

## Total assets

	2012	2013	2014	2015	2016	2017	2018	2019
	End of period, EUR million							
Total assets on an unconsolidated basis	982,114	927,155	896,424	859,165	832,267	815,275	854,582	884,964
Total assets on a consolidated basis	1,163,595	1,089,713	1,078,155	1,056,705	946,342	948,861	985,981	1,032,285
Total assets of CESEE subsidiaries <sup>1</sup>	280,629	264,998	285,675	295,557	184,966	205,532	206,582	222,947

Source: OeNB.

<sup>1</sup> The transfer in ownership of UniCredit Bank Austria AG's CESEE subsidiaries to the Italian UniCredit Group limits the comparability of figures as from end-2016.

Table A12

## Sectoral distribution of domestic loans to nonbanks

	2012	2013	2014	2015	2016	2017	2018	2019
	End of period, EUR million							
	All currencies combined							
Nonbanks	330,385	326,820	328,324	333,844	335,880	341,178	356,701	371,801
of which: nonfinancial corporations	140,384	140,329	136,600	137,151	135,569	143,758	153,028	162,905
households <sup>1</sup>	139,056	139,052	140,944	146,444	152,516	156,386	161,947	168,824
general government	27,972	25,970	28,108	28,034	27,681	24,443	24,562	23,576
other financial intermediaries	22,806	21,244	22,578	22,114	19,878	16,562	16,332	16,485
	Foreign currency							
Nonbanks	47,652	40,108	36,289	33,950	30,089	22,182	20,563	19,619
of which: nonfinancial corporations	9,156	6,985	6,379	5,291	4,296	3,397	3,538	3,321
households <sup>1</sup>	32,905	28,385	25,374	24,423	21,224	16,486	14,993	13,590
general government	2,827	2,478	2,777	2,861	2,623	943	517	471
other financial intermediaries	2,761	2,257	1,759	1,373	1,945	1,356	1,516	2,236

Source: OeNB.

<sup>1</sup> Including nonprofit institutions serving households.

Note: Figures are based on monetary statistics.

<sup>1</sup> Since 2007, the International Monetary Fund (IMF) has published Financial Soundness Indicators (FSIs) for Austria (see also [www.imf.org](http://www.imf.org)). In contrast to some FSIs that take only domestically-owned banks into account, the OeNB's Financial Stability Report takes into account all banks operating in Austria. For this reason, some of the figures presented here may deviate from the figures published by the IMF.

Table A13

**Loan quality<sup>1</sup>**

	2012	2013	2014	2015	2016	2017	2018	2019
	<i>End of period, %</i>							
Nonperforming loans in % of total loans (Austria <sup>2</sup> )	4.7	4.1	4.4	4.0	3.2	2.5	2.0	1.7
Nonperforming loans in % of total loans (consolidated)	8.7	8.6	7.0	6.5	5.2	3.4	2.6	2.2
Nonperforming loans in % of total loans (Austrian banks' CESEE subsidiaries)	13.9	14.0	11.8	11.5	8.6	4.5	3.2	2.4
Coverage ratio <sup>3</sup> (Austria <sup>2</sup> )	x	x	x	47	59	60	62	61
Coverage ratio <sup>4</sup> (consolidated)	x	x	x	54	53	52	51	49
Coverage ratio <sup>4</sup> (Austrian banks' CESEE subsidiaries)	48	53	57	59	67	61	64	67

Source: OeNB.

<sup>1</sup> As from 2017, data are based on Financial Reporting (FINREP) including total loans and advances. Data before 2017 only include loans to households and corporations.

<sup>2</sup> Austrian banks' domestic business.

<sup>3</sup> Total loan loss provisions in % of nonperforming loans.

<sup>4</sup> Loan loss provisions on nonperforming loans in % of nonperforming loans.

Table A14

**Exposure to CESEE**

	2012	2013	2014	2015	2016	2017	2018	2019
	<i>End of period, EUR million</i>							
Total exposure according to the BIS <sup>1</sup>	209,818	201,768	184,768	186,397	193,273	210,616	217,078	233,275
Total indirect lending to nonbanks <sup>2,3</sup>	171,117	161,439	177,389	176,728	108,738	118,268	120,816	133,169
Total direct lending <sup>4</sup>	51,539	52,926	43,144	40,866	32,976	28,507	27,526	23,992
Foreign currency loans of Austrian banks' CESEE subsidiaries <sup>3</sup>	85,382	79,047	76,736	69,317	32,576	31,027	29,836	29,766

Source: OeNB.

<sup>1</sup> As from mid-2017, comparability of data with earlier figures is limited due to several methodological adjustments in data collection.

<sup>2</sup> Lending (net lending after risk provisions) to nonbanks by all fully consolidated bank subsidiaries in CESEE.

<sup>3</sup> The transfer in ownership of UniCredit Bank Austria AG's CESEE subsidiaries to the Italian UniCredit Group limits the comparability of figures as from end-2016.

<sup>4</sup> Cross-border lending to nonbanks and nonfinancial institutions in CESEE according to monetary statistics.

Table A15

**Profitability on a consolidated basis<sup>1</sup>**

	2012	2013	2014	2015	2016	2017	2018	2019
<i>End of period, EUR million</i>								
Operating income	37,673	35,271	28,717	28,064	22,408	22,837	24,023	24,997
of which: net interest income	19,259	18,598	19,345	18,336	14,604	14,536	15,210	15,589
fee and commission income	7,260	7,590	7,741	7,730	6,562	6,885	7,097	7,226
trading income	1,137	670	426	-50	110	95	-628	-292
Operating expenses	25,582	27,318	19,833	17,612	16,687	14,752	15,661	16,732
of which: staff costs	10,391	10,378	9,543	8,959	8,774	8,415	8,602	8,740
other administrative expenses	6,410	6,628	6,569	6,830	5,820	5,571	5,630	5,673
Operating profit/loss	12,090	7,953	8,884	10,452	5,723	8,087	8,361	8,264
Net profit after taxes	2,966	-1,035	685	5,244	4,979	6,577	6,916	6,713
%								
Return on average (total) assets <sup>2</sup>	0.3	0.0	0.0	0.5	0.6	0.8	0.8	0.7
Return on average equity (tier 1 capital) <sup>2</sup>	5.1	-0.7	0.7	8.5	8.3	10.5	10.3	9.4
Net interest income to operating income	51	53	67	65	65	64	63	62
Cost-to-income ratio	68	77	69	63	74	65	65	67
Risk provisioning to operating profit	53	88	77	45	21	13	5	12

Source: OeNB.

<sup>1</sup> The transfer in ownership of UniCredit Bank Austria AG's CESEE subsidiaries to the Italian UniCredit Group limits the comparability of figures as from end-2016.<sup>2</sup> Based on profits after tax, but before minority interests.

Table A16

**Profitability of Austrian banks' CESEE subsidiaries<sup>1</sup>**

	2012	2013	2014	2015	2016	2017	2018	2019
<i>End of period, EUR million</i>								
Operating income	12,685	12,544	12,159	12,261	7,753	7,914	7,926	8,442
of which: net interest income	8,780	8,414	9,068	8,431	5,135	5,304	5,467	5,827
fee and commission income	2,992	3,164	3,477	3,358	2,184	2,315	2,241	2,393
trading income	739	736	-251	642	681	381	145	-37
Operating expenses	6,363	6,253	6,413	6,264	4,084	4,216	4,081	4,390
of which: staff costs	2,992	2,922	2,978	2,896	1,956	2,052	2,004	2,126
other administrative expenses	2,641	2,599	2,762	2,752	1,726	1,753	1,672	1,652
Operating profit/loss	6,321	6,291	5,746	5,998	3,668	3,698	3,845	4,053
Net profit after taxes	1,999	2,201	672	2,050	2,354	2,627	2,913	2,837
%								
Return on average (total) assets <sup>2</sup>	0.7	0.8	0.2	0.7	1.3	1.3	1.4	1.3
Net interest income to operating income	69	67	75	69	66	67	69	69
Cost-to-income ratio	50	50	53	51	53	53	51	52
Risk provisioning to operating profit	56	53	70	50	20	9	6	12

Source: OeNB.

<sup>1</sup> The transfer in ownership of UniCredit Bank Austria AG's CESEE subsidiaries to the Italian UniCredit Group limits the comparability of figures as from end-2016.<sup>2</sup> Based on profits after tax.



Table A17

**Solvency on a consolidated basis<sup>1</sup>**

	2012	2013	2014	2015	2016	2017	2018	2019
	<i>End of period, EUR million</i>							
Own funds	88,204	88,994	87,584	87,793	80,699	84,983	86,529	90,928
Total risk exposure (i.e. risk-weighted assets)	621,926	578,429	562,790	537,447	442,870	449,451	465,623	486,507
	%							
Total capital adequacy ratio	14.2	15.4	15.6	16.3	18.2	18.9	18.6	18.7
Tier 1 capital ratio	11.0	11.9	11.8	12.9	14.9	15.9	16.0	16.3
Core tier 1 capital ratio (common equity tier 1 as from 2014)	10.7	11.6	11.7	12.8	14.9	15.6	15.4	15.6
Leverage ratio <sup>2</sup>	6.1	6.5	6.1	6.3	7.6	7.7	7.7	7.6

Source: OeNB.

<sup>1</sup> The transfer in ownership of UniCredit Bank Austria AG's CESEE subsidiaries to the Italian UniCredit Group limits the comparability of figures as from end-2016.<sup>2</sup> Definition up to 2013: tier 1 capital after deductions in % of total assets. Definition as from 2014 according to Basel III (fully phased-in).

Note: Since 2014, figures have been calculated according to CRD IV requirements; therefore, comparability with previous figures is limited.

Table A18

**Market indicators of selected Austrian financial institutions**

	2012	2013	2014	2015	2016	2017	2018	2019
	<i>% of end-2012 prices, end of period</i>							
<b>Share prices</b>								
Erste Group Bank	100	106	80	121	116	151	126	145
Raiffeisen Bank International	100	81	42	45	58	100	74	74
EURO STOXX Banks Net Total Return	100	130	127	124	118	134	93	108
Uniq	100	98	82	80	76	93	83	96
Vienna Insurance Group	100	90	92	63	53	64	50	63
EURO STOXX Insurance Net Total Return	100	137	146	174	171	193	182	233
<b>Relative valuation: share price-to-book value ratio</b>	<i>%, end of period</i>							
Erste Group Bank	70	93	80	108	95	115	89	97
Raiffeisen Bank International	60	51	48	50	59	100	69	62
EURO STOXX Banks	58	81	77	74	70	82	56	61
Uniq	105	103	78	74	69	86	81	82
Vienna Insurance Group	107	102	98	79	62	71	57	64
EURO STOXX Insurance	75	107	93	102	89	105	92	101

Source: Bloomberg, Macrobond

Table A19

**Key indicators of Austrian insurance companies**

	2012	2013	2014	2015	2016	2017	2018	2019
<i>End of period, EUR million</i>								
<b>Business and profitability</b>								
Premiums	16,341	16,608	17,077	17,342	16,920	16,975	17,178	17,555
Expenses for claims and insurance benefits	12,973	13,150	14,157	15,514	14,751	14,727	14,088	15,016
Underwriting results	455	592	477	475	560	581	507	618
Profit from investments	3,391	3,354	3,211	3,216	3,051	2,815	2,528	3,118
Profit from ordinary activities	1,395	1,524	1,421	1,354	1,414	1,244	1,168	1,695
Acquisition and administrative expenses	3,499	3,528	3,573	3,697	3,818	3,728	3,800	3,926
Total assets	108,374	110,391	113,662	114,495	114,707	137,280	133,082	138,071
<b>Investments</b>								
Total investments	103,272	105,496	107,442	107,933	108,897	109,235	108,522	108,864
of which: debt securities	37,614	39,560	41,667	41,517	43,241	44,030	43,529	42,845
stocks and other equity securities <sup>1</sup>	12,505	12,464	12,619	12,522	12,534	11,862	11,850	12,299
real estate	5,371	5,689	5,858	5,912	6,022	6,149	6,472	6,714
Investments for unit-linked and index-linked life insurance	18,330	19,127	20,179	19,776	20,142	20,587	19,123	18,499
Claims on domestic banks	16,872	16,687	15,800	15,492	13,793	10,313	9,728	9,236
Reinsurance receivables	1,933	824	918	971	1,027	1,036	1,116	1,114
<b>Risk capacity<sup>2</sup></b> (median solvency capital requirement), %	350	368	380	375	x	276	255	238

Source: FMA, OeNB.

<sup>1</sup> Contains shares, share certificates (listed and not listed) and all equity instruments held by mutual funds.<sup>2</sup> A new reporting system based on Solvency II was introduced in 2017; therefore, some indicators cannot be compared with historical values.

Table A20

**Assets held by Austrian mutual funds**

	2012	2013	2014	2015	2016	2017	2018	2019
<i>End of period, EUR million</i>								
Domestic securities	50,963	49,757	52,116	52,970	54,382	54,824	52,480	54,114
of which: debt securities	17,527	16,203	15,467	13,609	13,278	11,879	11,313	10,759
stocks and other equity securities	3,637	3,610	3,345	3,530	4,283	4,678	3,607	4,108
Foreign securities	96,854	99,647	110,397	114,833	120,330	128,836	121,038	140,616
of which: debt securities	63,661	62,972	69,642	70,326	69,911	70,353	67,956	72,949
stocks and other equity securities	14,208	16,278	17,910	18,521	20,145	22,924	20,747	27,983
Net asset value	147,817	149,404	162,513	167,802	174,712	183,661	173,518	194,730
of which: retail funds	84,158	83,238	89,163	91,626	94,113	97,095	89,923	101,464
institutional funds	63,659	66,167	73,350	76,177	80,599	86,572	83,600	93,266
Consolidated net asset value	126,831	128,444	138,642	143,249	148,682	156,173	154,235	168,013

Source: OeNB.

Table A21

**Structure and profitability of Austrian fund management companies**

	2012	2013	2014	2015	2016	2017	2018	2019
<i>End of period, EUR million</i>								
Total assets	644	670	725	745	691	674	655	716
Operating profit	111	131	158	184	157	177	177	192
Net commissions and fees earned	283	310	368	411	402	407	407	433
Administrative expenses <sup>1</sup>	205	219	246	266	284	267	251	260
Number of fund management companies	29	29	29	29	29	30	24	21
Number of reported funds	2,168	2,161	2,118	2,077	2,029	2,020	2,017	1,935

Source: OeNB.

<sup>1</sup> Administrative expenses are calculated as the sum of staff and material expenses.

Table A22

**Assets held by Austrian pension funds**

	2012	2013	2014	2015	2016	2017	2018	2019
<i>End of period, EUR million</i>								
Total assets	16,335	17,385	19,011	19,646	20,839	22,323	21,494	24,341
of which: direct investment	1,139	1,640	1,065	990	835	848	863	769
mutual funds	15,278	15,745	17,946	18,656	20,004	21,475	20,631	23,572
foreign currency (without derivatives)	5,714	5,964	7,578	7,279	9,169	x	9,149	7,694
stocks	4,805	5,472	6,250	6,200	6,972	7,867	7,034	8,317
debt	8,464	7,650	9,163	9,552	9,521	9,054	9,724	10,540
real estate	567	583	576	690	754	1,165	978	1,142
cash and deposits	1,488	2,033	1,598	1,850	1,863	2,192	1,632	1,711

Source: OeNB, FMA.

Table A23

**Assets held by Austrian severance funds**

	2012	2013	2014	2015	2016	2017	2018	2019
<i>End of period, EUR million</i>								
Total direct investment	1,442	1,528	1,415	1,565	1,682	1,893	2,416	2,621
of which: euro-denominated	1,415	1,507	1,299	1,502	1,647	1,847	2,348	2,549
foreign currency-denominated	27	21	x	63	35	46	68	72
accrued income claims from direct investment	22	21	15	14	15	13	12	9
Total indirect investment	3,834	4,701	5,912	6,741	7,745	8,720	9,674	10,686
of which: total of euro-denominated investment in mutual fund shares	3,540	4,220	5,190	5,790	6,743	7,429	7,989	8,724
total of foreign currency-denominated investment in mutual fund shares	294	481	722	951	1,002	1,291	1,685	1,962
Total assets assigned to investment groups	5,254	6,218	7,306	8,294	9,412	10,597	12,052	13,288

Source: OeNB.

Note: Due to special balance sheet operations, total assets assigned to investment groups deviate from the sum of total indirect investments.

**Transactions and system disturbances in payment and securities settlement systems**

	2012	2013	2014	2015	2016	2017	2018	2019
<b>Large-value payment system (domestic, operated by the OeNB)</b>	<i>Number of transactions in million, value of transactions in EUR billion</i>							
Number	1	1	1	1	1	1	1	1
Value	9,974	5,906	7,438	6,381	4,316	3,690	1,536 <sup>1</sup>	1,412
System disturbances	1	3	0	1	4	0	3	0
<b>Securities settlement systems</b>								
Number	2	2	2	2	2	2	2	2
Value	418	369	377	315	335	701 <sup>2</sup>	658	639
System disturbances	1	5	2	3	3	0	3	1
<b>Card payment systems</b>								
Number	633	673	856 <sup>3</sup>	901	963	1,061	1,178	1,299
Value	48	72	91 <sup>3</sup>	97	101	108	116	125
System disturbances	4	2	0	2	4	1	2	1
<b>Participation in international payment systems</b>								
Number	41	53	113	144	166	191	217	242
Value	1,820	1,643	2,463	2,420	3,029	3,242	3,831	3,304
System disturbances	0	0	0	0	0	0	0	0

Source: OeNB.

<sup>1</sup> Liquidity transfers from a participant's domestic account to their own TARGET2 account are no longer included under domestic transactions.<sup>2</sup> Free-of-payment (FOP) transactions were first included in the value in 2017.<sup>3</sup> On-us ATM transactions were first included in 2014.