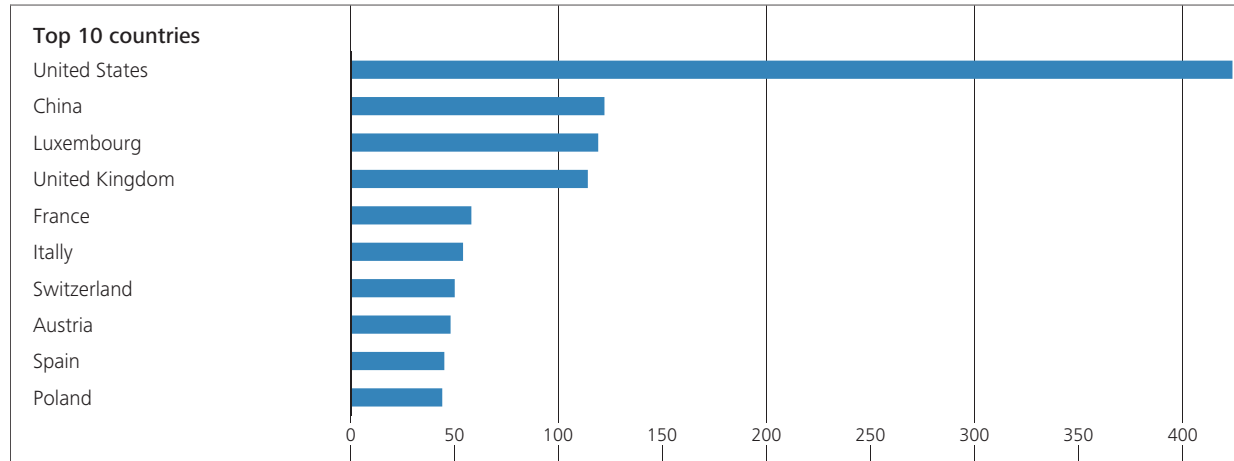


II. Foreign direct investment stock statistics (Extended Directional Principle)

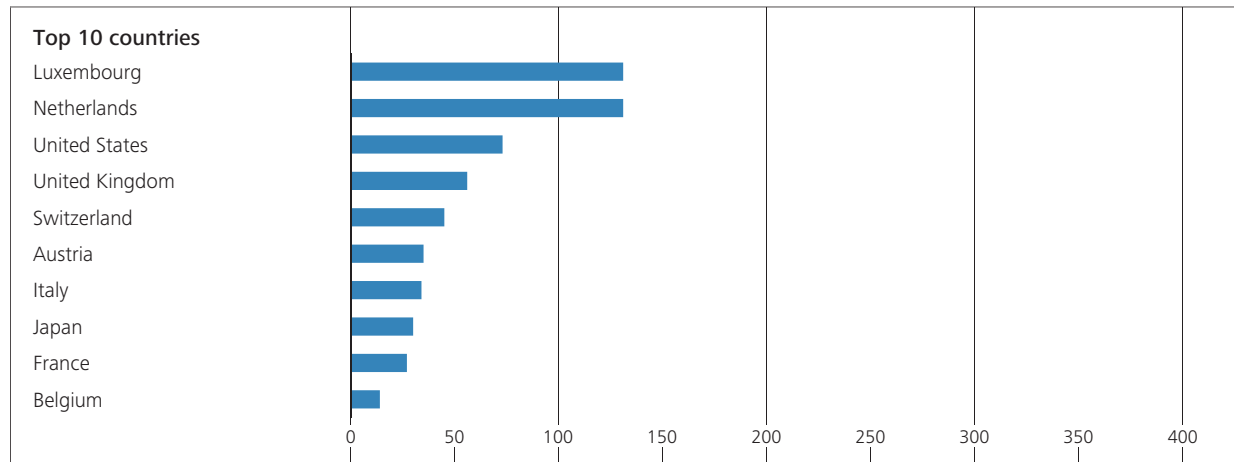
1. Primary and secondary domestic direct investment abroad Figures

€ billion, end-of 2022



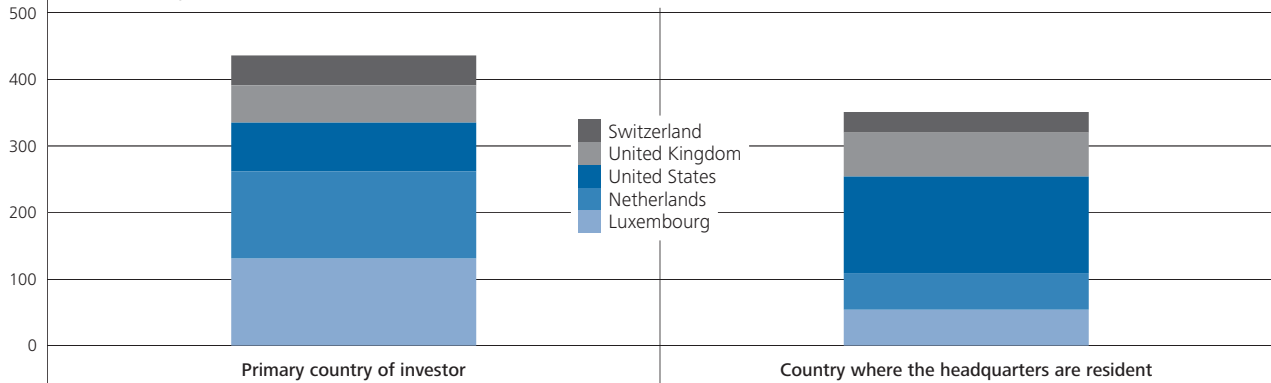
2. Primary and secondary foreign direct investment in the reporting country Figures

€ billion, end-of 2022



€ billion, end-of 2022

Domestic foreign direct investment by primary country of investor and country where the headquarters are resident : Top 5 countries¹



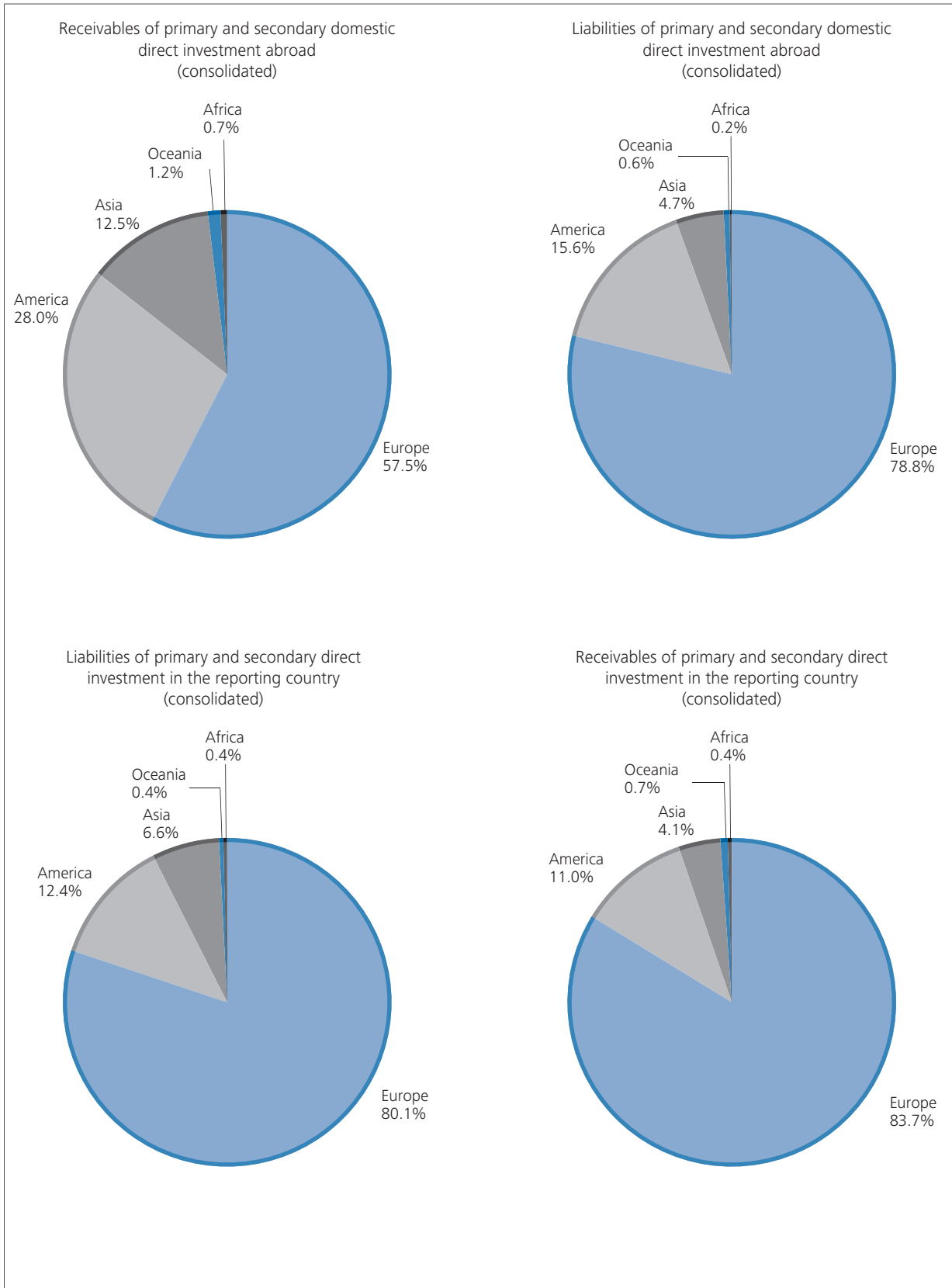
¹ With regard to the regional origin of direct investment in Germany, it is possible to classify it according to the primary country of the direct foreign investor or the country where the headquarters are resident. The chart shows the shift in

the regional distribution of foreign investors in Germany depending on these two perspectives.

II. Foreign direct investment stock statistics (Extended Directional Principle)

3. Primary and secondary foreign direct investment relations - regional breakdown Figures

As at end-of 2022



II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

a) Domestic corporate assets broken down by type of cross ownership and economic activity in all countries

End of year

Item	Economic activity of enterprises abroad (investment enterprises)					
	All economic activities			of which		
				Manufacturing		
	2020	2021	2022	2020	2021	2022
Domestic direct investment in € million						
Primary domestic direct investment	1,397,088	1,583,201	1,633,521	232,465	274,279	278,275
Receivables of primary domestic investment relations	1,924,168	2,152,917	2,242,688	308,584	368,784	372,008
Primary domestic investment capital ¹	1,612,321	1,776,377	1,808,265	226,958	271,826	273,549
Direct lendings by domestic capital owners ²	177,115	215,219	232,245	39,784	48,021	47,732
Lendings by enterprises in the reporting country ³ to their foreign sister companies	134,732	161,322	202,179	41,842	48,937	50,727
minus						
Liabilities of primary domestic direct investment relations	527,080	569,717	609,167	76,119	94,504	93,734
Direct lendings of direct investment enterprises abroad to their domestic investors ²	311,692	308,471	305,360	31,603	39,889	35,963
Lendings of enterprises abroad ³ to their sister companies in the reporting country	215,388	261,245	303,807	44,516	54,615	57,771
Primary and secondary domestic direct investment abroad (consolidated) ⁴	1,306,090	1,502,193	1,545,857	443,162	514,326	543,021
Receivables of primary and secondary domestic direct investment relations	1,821,865	2,072,238	2,178,810	529,602	620,203	649,822
Primary domestic investment capital ¹	783,470	899,302	915,546	226,958	271,826	273,549
Secondary domestic investment capital ¹ (held by dependent holding companies)	735,614	801,800	827,202	206,634	229,246	252,646
Direct lendings by domestic capital owners ²	130,622	162,970	181,679	39,784	48,021	47,732
Lendings by dependent holding companies	54,825	63,606	71,998	14,628	22,175	25,168
Lendings by enterprises in the reporting country ³ to their foreign sister companies	117,334	144,559	182,385	41,597	48,936	50,726
minus						
Liabilities of primary and secondary domestic direct investment relations	515,776	570,045	632,953	86,439	105,877	106,800
Direct lendings of direct investment enterprises abroad to their domestic investors ²	271,000	273,833	279,066	31,603	39,889	35,963
Lendings to dependent holding companies	63,617	64,365	80,195	10,599	11,372	13,476
Lendings by enterprises abroad ³ to their sister companies in the reporting country	181,158	231,846	273,692	44,238	54,615	57,361
Data on enterprises abroad						
Enterprises with primary domestic capital interests						
Number	27,845	29,020	29,273	7,318	7,397	7,498
Employees in thousands	4,419	4,509	4,516	2,337	2,350	2,321
Annual turnover in € million	1,462,260	1,644,204	1,830,040	590,179	657,083	705,131
Enterprises with secondary domestic majority interests						
Number	13,566	14,136	14,262	3,848	3,955	3,986
Employees in thousands	3,528	3,631	3,716	1,603	1,662	1,714
Annual turnover in € million	1,525,622	1,783,389	1,991,743	554,228	656,161	745,630

¹ Including pro rate reserves and profits, less losses. ² Also includes direct lendings to enterprises with secondary domestic capital interests. ³ Only if the corporate headquarters are located in domesticity. ⁴ Excluding primary direct investment in dependent

holding companies, ie excluding interests in the nominal capital and the reserves of dependent holding companies and excluding lending connection to dependent holding companies.

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

a) Domestic corporate assets broken down by type of cross ownership and economic activity in all countries (cont'd)

End of year

Item	Economic activity of enterprises abroad (investment enterprises)					
	of which					
	Wholesale and retail trade; repair of motor vehicles and motorcycles			Financial and insurance activities		
				Total		
2020	2021	2022	2020	2021	2022	
Domestic direct investment in € million						
Primary domestic direct investment	131,912	155,513	175,526	564,862	675,992	672,237
Receivables of primary domestic investment relations	180,520	198,350	220,853	883,070	998,560	1,008,570
Primary domestic investment capital	117,612	129,117	137,652	787,149	899,023	900,406
Direct lendings by domestic capital owners	30,021	29,851	34,285	68,060	66,139	67,422
Lendings by enterprises in the reporting country to their foreign sister companies	32,888	39,382	48,916	27,860	33,398	40,743
minus						
Liabilities of primary domestic direct investment relations	48,608	42,836	45,327	318,207	322,567	336,333
Direct lendings of direct investment enterprises abroad to their domestic investors	25,715	20,117	19,136	207,706	181,835	177,445
Lendings of enterprises abroad to their sister companies in the reporting country	22,894	22,719	26,191	110,501	140,732	158,888
Primary and secondary domestic direct investment abroad (consolidated)	222,112	245,699	273,935	316,650	422,790	389,110
Receivables of primary and secondary domestic direct investment relations	274,169	292,475	323,034	631,949	745,115	738,588
Primary domestic investment capital	117,612	129,117	137,652	261,936	348,370	343,067
Secondary domestic investment capital (held by dependent holding companies)	88,098	87,755	94,900	303,503	322,763	307,696
Direct lendings by domestic capital owners	30,021	29,851	34,285	30,575	31,501	32,127
Lendings by dependent holding companies	6,008	6,884	7,799	15,834	16,169	21,314
Lendings by enterprises in the reporting country to their foreign sister companies	32,430	38,868	48,398	20,101	26,313	34,384
minus						
Liabilities of primary and secondary domestic direct investment relations	52,057	46,776	49,098	315,298	322,325	349,478
Direct lendings of direct investment enterprises abroad to their domestic investors	25,715	20,117	19,136	192,996	170,452	167,131
Lendings to dependent holding companies	3,545	4,004	3,831	33,364	27,753	38,593
Lendings by enterprises abroad to their sister companies in the reporting country	22,797	22,655	26,132	88,938	124,121	143,754
Data on enterprises abroad						
Enterprises with primary domestic capital interests						
Number	8,062	8,409	8,589	4,288	4,457	4,281
Employees in thousands	1,011	1,031	1,042	181	192	188
Annual turnover in € million	504,335	551,400	586,032	138,411	150,620	144,229
Enterprises with secondary domestic majority interests						
Number	3,567	3,620	3,607	1,574	1,624	1,634
Employees in thousands	819	842	824	132	127	131
Annual turnover in € million	541,229	624,212	680,372	194,347	219,479	244,303

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

a) Domestic corporate assets broken down by type of cross ownership and economic activity in all countries (cont'd)

End of year

Item	Economic activity of enterprises abroad (investment enterprises)					
	of which					
	Financial and insurance activities (cont'd)			Activities of head offices; management consultancy activities (holding companies with management function)		
	of which					
	Holding companies without management function					
2020	2021	2022	2020	2021	2022	
Domestic direct investment in € million						
Primary domestic direct investment	591,984	682,760	697,480	347,631	340,268	354,341
Receivables of primary domestic investment relations	629,663	713,096	725,671	388,432	376,067	384,868
Primary domestic investment capital	582,197	669,956	682,335	369,441	343,256	354,290
Direct lendings by domestic capital owners	38,794	35,575	36,133	9,095	23,212	17,181
Lendings by enterprises in the reporting country to their foreign sister companies	8,673	7,565	7,203	9,896	9,599	13,397
minus						
Liabilities of primary domestic direct investment relations	37,679	30,336	28,191	40,801	35,799	30,528
Direct lendings of direct investment enterprises abroad to their domestic investors	14,986	11,619	10,559	26,041	23,381	16,112
Lendings of enterprises abroad to their sister companies in the reporting country	22,693	18,716	17,632	14,760	12,417	14,416
Primary and secondary domestic direct investment abroad (consolidated)	90,312	157,647	152,651	64,235	25,958	23,121
Receivables of primary and secondary domestic direct investment relations	91,772	160,136	155,558	67,440	26,300	23,609
Primary domestic investment capital	56,984	119,302	124,996	65,804	16,835	18,909
Secondary domestic investment capital (held by dependent holding companies)	31,932	38,878	28,275	584	3,404	2,275
Direct lendings by domestic capital owners	1,308	937	838	86	5,602	1,911
Lendings by dependent holding companies	634	538	604	4	23	33
Lendings by enterprises in the reporting country to their foreign sister companies	914	480	845	962	436	481
minus						
Liabilities of primary and secondary domestic direct investment relations	1,460	2,488	2,907	3,205	342	488
Direct lendings of direct investment enterprises abroad to their domestic investors	276	236	244	59	126	132
Lendings to dependent holding companies	53	148	165	176	17	5
Lendings by enterprises abroad to their sister companies in the reporting country	1,130	2,104	2,498	2,970	199	351
Data on enterprises abroad						
Enterprises with primary domestic capital interests						
Number	2,357	2,460	2,471	583	635	642
Employees in thousands	0	0	0	20	21	23
Annual turnover in € million	2,664	4,076	3,283	6,411	8,238	9,779
Enterprises with secondary domestic majority interests						
Number	372	387	376	39	39	46
Employees in thousands	0	0	0	1	1	3
Annual turnover in € million	238	166	188	221	281	362

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

a) Domestic corporate assets broken down by type of cross ownership and economic activity in EU member states

End of year

Item	Economic activity of enterprises abroad (investment enterprises)					
	All economic activities			of which		
				Manufacturing		
2020	2021	2022	2020	2021	2022	
Domestic direct investment in € million						
Primary domestic direct investment	731,994	806,527	848,122	70,321	77,874	86,286
Receivables of primary domestic investment relations	1,164,849	1,260,178	1,301,638	118,575	140,328	140,196
Primary domestic investment capital ¹	1,013,240	1,087,568	1,103,411	87,293	101,254	97,185
Direct lendings by domestic capital owners ²	86,245	96,387	104,143	17,082	21,481	23,179
Lendings by enterprises in the reporting country ³ to their foreign sister companies	65,364	76,222	94,084	14,199	17,592	19,831
minus						
Liabilities of primary domestic direct investment relations	432,855	453,650	453,516	48,253	62,454	53,910
Direct lendings of direct investment enterprises abroad to their domestic investors ²	268,847	245,908	231,101	19,244	26,510	20,805
Lendings of enterprises abroad ³ to their sister companies in the reporting country	164,008	207,742	222,415	29,009	35,943	33,105
Primary and secondary domestic direct investment abroad (consolidated) ⁴	464,570	523,406	541,960	134,198	145,646	157,713
Receivables of primary and secondary domestic direct investment relations	842,265	934,708	963,306	183,521	209,210	212,369
Primary domestic investment capital ¹	401,567	455,823	464,164	87,293	101,254	97,185
Secondary domestic investment capital ¹ (held by dependent holding companies)	297,634	312,619	304,893	61,443	65,696	68,910
Direct lendings by domestic capital owners ²	64,912	74,744	80,923	17,082	21,481	23,179
Lendings by dependent holding companies	24,540	26,167	33,063	3,663	3,186	3,264
Lendings by enterprises in the reporting country ³ to their foreign sister companies	53,612	65,355	80,262	14,039	17,592	19,831
minus						
Liabilities of primary and secondary domestic direct investment relations	377,695	411,302	421,346	49,323	63,563	54,656
Direct lendings of direct investment enterprises abroad to their domestic investors ²	231,501	213,527	206,808	19,244	26,510	20,805
Lendings to dependent holding companies	10,315	12,491	12,811	1,343	1,109	1,156
Lendings by enterprises abroad ³ to their sister companies in the reporting country	135,879	185,284	201,727	28,736	35,943	32,695
Data on enterprises abroad						
Enterprises with primary domestic capital interests						
Number	12,986	13,641	13,810	3,010	3,066	3,111
Employees in thousands	1,894	1,923	1,951	865	863	870
Annual turnover in € million	609,381	659,242	704,782	198,614	216,826	238,141
Enterprises with secondary domestic majority interests						
Number	5,890	6,195	6,216	1,347	1,390	1,397
Employees in thousands	1,281	1,316	1,332	550	557	562
Annual turnover in € million	562,805	613,213	661,491	199,412	220,137	239,526

¹ Including pro rate reserves and profits, less losses. ² Also includes direct lendings to enterprises with secondary domestic capital interests. ³ Only if the corporate headquarters are located in domesticity. ⁴ Excluding primary direct investment in dependent

holding companies, ie excluding interests in the nominal capital and the reserves of dependent holding companies and excluding lending connection to dependent holding companies.

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

a) Domestic corporate assets broken down by type of cross ownership and economic activity in EU member states

End of year

Item	Economic activity of enterprises abroad (investment enterprises)					
	of which					
				Financial and insurance activities		
	Wholesale and retail trade; repair of motor vehicles and motorcycles			Total		
	2020	2021	2022	2020	2021	2022
Domestic direct investment in € million						
Primary domestic direct investment	45,304	55,196	62,191	255,520	319,674	329,805
Receivables of primary domestic investment relations	75,311	79,266	87,324	544,205	619,001	636,685
Primary domestic investment capital	54,944	57,789	61,273	489,321	569,285	580,959
Direct lendings by domestic capital owners	10,414	9,686	11,277	36,203	29,904	34,234
Lendings by enterprises in the reporting country to their foreign sister companies	9,953	11,791	14,774	18,681	19,812	21,492
minus						
Liabilities of primary domestic direct investment relations	30,007	24,071	25,132	288,685	299,327	306,880
Direct lendings of direct investment enterprises abroad to their domestic investors	18,099	11,191	11,121	191,855	168,880	164,539
Lendings of enterprises abroad to their sister companies in the reporting country	11,909	12,880	14,012	96,830	130,447	142,341
Primary and secondary domestic direct investment abroad (consolidated)	76,527	80,453	87,737	64,475	132,558	130,807
Receivables of primary and secondary domestic direct investment relations	107,609	105,719	114,240	326,916	412,861	420,073
Primary domestic investment capital	54,944	57,789	61,273	138,563	209,246	214,796
Secondary domestic investment capital (held by dependent holding companies)	30,850	24,881	25,536	145,923	155,220	144,184
Direct lendings by domestic capital owners	10,414	9,686	11,277	19,356	21,084	23,639
Lendings by dependent holding companies	1,448	1,594	1,407	7,876	10,227	17,742
Lendings by enterprises in the reporting country to their foreign sister companies	9,953	11,769	14,748	15,198	17,084	19,712
minus						
Liabilities of primary and secondary domestic direct investment relations	31,082	25,267	26,503	262,441	280,303	289,266
Direct lendings of direct investment enterprises abroad to their domestic investors	18,099	11,191	11,121	180,009	159,356	155,616
Lendings to dependent holding companies	1,110	1,242	1,412	4,142	3,721	2,417
Lendings by enterprises abroad to their sister companies in the reporting country	11,873	12,834	13,971	78,290	117,226	131,234
Data on enterprises abroad						
Enterprises with primary domestic capital interests						
Number	3,973	4,131	4,227	2,214	2,326	2,290
Employees in thousands	592	598	618	74	77	71
Annual turnover in € million	261,996	276,095	300,917	61,792	69,004	59,506
Enterprises with secondary domestic majority interests						
Number	1,706	1,699	1,659	550	553	545
Employees in thousands	338	361	359	54	49	49
Annual turnover in € million	189,339	205,606	216,511	78,484	77,148	82,198

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

a) Domestic corporate assets broken down by type of cross ownership and economic activity in EU member states

End of year

Item	Economic activity of enterprises abroad (investment enterprises)					
	of which					
	Financial and insurance activities (cont'd)			Activities of head offices; management consultancy activities (holding companies with management function)		
	of which					
	Holding companies without management function					
2020	2021	2022	2020	2021	2022	
Domestic direct investment in € million						
Primary domestic direct investment	375,085	439,871	456,127	301,438	282,222	293,000
Receivables of primary domestic investment relations	406,353	464,646	477,885	338,234	313,910	317,363
Primary domestic investment capital	384,406	452,138	464,635	325,384	287,159	290,592
Direct lendings by domestic capital owners	18,010	9,554	11,238	4,490	18,327	14,434
Lendings by enterprises in the reporting country to their foreign sister companies	3,938	2,954	2,011	8,361	8,425	12,337
minus						
Liabilities of primary domestic direct investment relations	31,268	24,776	21,758	36,796	31,689	24,363
Direct lendings of direct investment enterprises abroad to their domestic investors	11,905	9,719	9,083	25,554	22,952	15,478
Lendings of enterprises abroad to their sister companies in the reporting country	19,363	15,057	12,675	11,242	8,737	8,886
Primary and secondary domestic direct investment abroad (consolidated)	51,128	116,224	112,748	62,674	24,289	20,999
Receivables of primary and secondary domestic direct investment relations	52,037	118,290	114,514	65,190	24,450	21,313
Primary domestic investment capital	33,648	92,099	98,473	64,468	15,452	17,507
Secondary domestic investment capital (held by dependent holding companies)	16,578	24,932	14,833	459	3,163	1,646
Direct lendings by domestic capital owners	1,163	734	643	4	5,504	1,809
Lendings by dependent holding companies	194	298	334	4	23	27
Lendings by enterprises in the reporting country to their foreign sister companies	454	226	231	256	308	323
minus						
Liabilities of primary and secondary domestic direct investment relations	909	2,066	1,766	2,516	161	313
Direct lendings of direct investment enterprises abroad to their domestic investors	59	195	160	54	95	107
Lendings to dependent holding companies	26	35	39	-	17	4
Lendings by enterprises abroad to their sister companies in the reporting country	823	1,836	1,567	2,463	49	202
Data on enterprises abroad						
Enterprises with primary domestic capital interests						
Number	1,320	1,372	1,373	374	426	431
Employees in thousands	0	0	0	8	9	10
Annual turnover in € million	1,502	2,811	1,343	3,654	5,106	4,915
Enterprises with secondary domestic majority interests						
Number	109	119	114	19	23	28
Employees in thousands	0	0	0	1	1	1
Annual turnover in € million	141	116	152	87	110	161

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

a) Domestic corporate assets broken down by type of cross ownership and economic activity in the United States

End of year

Item	Economic activity of enterprises abroad (investment enterprises)					
	of which					
	All economic activities			Manufacturing		
	2020	2021	2022	2020	2021	2022
Domestic direct investment in € million						
Primary domestic direct investment	281,954	334,061	353,172	40,302	51,224	52,464
Receivables of primary domestic investment relations	314,635	364,966	392,126	50,933	64,606	69,944
Primary domestic investment capital ¹	259,402	301,202	320,168	37,637	49,314	53,877
Direct lendings by domestic capital owners ²	36,883	37,886	39,963	4,999	6,142	7,276
Lendings by enterprises in the reporting country ³ to their foreign sister companies	18,350	25,878	31,996	8,297	9,150	8,791
minus						
Liabilities of primary domestic direct investment relations	32,681	30,905	38,954	10,631	13,382	17,480
Direct lendings of direct investment enterprises abroad to their domestic investors ²	14,673	13,625	14,699	4,240	5,104	5,929
Lendings of enterprises abroad ³ to their sister companies in the reporting country	18,008	17,280	24,256	6,391	8,278	11,552
Primary and secondary domestic direct investment abroad (consolidated) ⁴	349,744	425,126	424,466	120,434	150,802	153,872
Receivables of primary and secondary domestic direct investment relations	420,478	493,364	514,609	137,892	171,576	180,661
Primary domestic investment capital ¹	119,114	145,014	153,509	37,637	49,314	53,877
Secondary domestic investment capital ¹ (held by dependent holding companies)	253,478	285,851	288,979	81,081	93,041	94,102
Direct lendings by domestic capital owners ²	16,007	16,129	19,145	4,999	6,142	7,276
Lendings by dependent holding companies	14,864	22,149	22,791	5,879	13,929	16,615
Lendings by enterprises in the reporting country ³ to their foreign sister companies	17,015	24,221	30,185	8,296	9,150	8,791
minus						
Liabilities of primary and secondary domestic direct investment relations	70,733	68,238	90,143	17,458	20,774	26,789
Direct lendings of direct investment enterprises abroad to their domestic investors ²	12,367	13,030	13,924	4,240	5,104	5,929
Lendings to dependent holding companies	43,170	41,446	57,628	6,827	7,392	9,308
Lendings by enterprises abroad ³ to their sister companies in the reporting country	15,197	13,762	18,591	6,391	8,278	11,552
Data on enterprises abroad						
Enterprises with primary domestic capital interests						
Number	3,974	4,250	4,237	686	731	742
Employees in thousands	320	301	311	180	166	167
Annual turnover in € million	125,173	139,074	149,527	69,426	75,752	78,943
Enterprises with secondary domestic majority interests						
Number	1,678	1,704	1,738	527	546	556
Employees in thousands	571	595	622	259	270	278
Annual turnover in € million	387,867	486,319	549,280	148,072	191,691	216,905

¹ Including pro rate reserves and profits, less losses. ² Also includes direct lendings to enterprises with secondary domestic capital interests. ³ Only if the corporate headquarters are located in domestically. ⁴ Excluding primary direct investment in dependent

holding companies, ie excluding interests in the nominal capital and the reserves of dependent holding companies and excluding lending connection to dependent holding companies.

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

a) Domestic corporate assets broken down by type of cross ownership and economic activity in the United States (cont'd)

End of year

Item	Economic activity of enterprises abroad (investment enterprises)					
	of which					
	Wholesale and retail trade; repair of motor vehicles and motorcycles			Financial and insurance activities		
				Total		
2020	2021	2022	2020	2021	2022	
Domestic direct investment in € million						
Primary domestic direct investment	24,635	27,363	34,834	175,946	202,134	207,031
Receivables of primary domestic investment relations	28,289	30,550	38,045	188,889	210,047	216,341
Primary domestic investment capital	17,089	18,939	21,881	165,143	182,634	186,846
Direct lendings by domestic capital owners	4,333	2,896	3,792	22,646	22,341	22,198
Lendings by enterprises in the reporting country to their foreign sister companies	6,867	8,715	12,372	1,100	5,073	7,297
minus						
Liabilities of primary domestic direct investment relations	3,654	3,187	3,212	12,943	7,914	9,309
Direct lendings of direct investment enterprises abroad to their domestic investors	753	817	702	8,522	6,314	6,465
Lendings of enterprises abroad to their sister companies in the reporting country	2,902	2,370	2,509	4,421	1,600	2,844
Primary and secondary domestic direct investment abroad (consolidated)	43,743	48,981	61,513	122,561	150,939	126,250
Receivables of primary and secondary domestic direct investment relations	49,070	54,063	66,324	159,412	179,587	168,881
Primary domestic investment capital	17,089	18,939	21,881	45,533	55,855	54,878
Secondary domestic investment capital (held by dependent holding companies)	18,273	21,293	25,885	104,749	112,911	103,830
Direct lendings by domestic capital owners	4,333	2,896	3,792	4,790	3,835	3,590
Lendings by dependent holding companies	2,507	2,220	2,393	4,037	3,011	490
Lendings by enterprises in the reporting country to their foreign sister companies	6,867	8,715	12,372	303	3,975	6,092
minus						
Liabilities of primary and secondary domestic direct investment relations	5,327	5,082	4,811	36,851	28,648	42,630
Direct lendings of direct investment enterprises abroad to their domestic investors	753	817	702	6,550	5,931	5,934
Lendings to dependent holding companies	1,672	1,895	1,600	25,970	21,570	34,703
Lendings by enterprises abroad to their sister companies in the reporting country	2,902	2,370	2,509	4,331	1,146	1,993
Data on enterprises abroad						
Enterprises with primary domestic capital interests						
Number	535	561	567	600	649	595
Employees in thousands	36	38	40	3	4	4
Annual turnover in € million	28,600	35,139	40,674	3,704	3,414	2,711
Enterprises with secondary domestic majority interests						
Number	295	296	299	361	378	381
Employees in thousands	152	156	163	20	20	20
Annual turnover in € million	119,865	148,722	180,334	67,251	84,177	87,319

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

a) Domestic corporate assets broken down by type of cross ownership and economic activity in the United States (cont'd)

End of year

Item	Economic activity of enterprises abroad (investment enterprises)					
	of which					
	Financial and insurance activities (cont'd)			Activities of head offices; management consultancy activities (holding companies with management function)		
	of which					
	Holding companies without management function					
2020	2021	2022	2020	2021	2022	
Domestic direct investment in € million						
Primary domestic direct investment	150,943	162,892	169,495	21,367	30,394	32,902
Receivables of primary domestic investment relations	153,220	163,755	170,949	24,423	33,672	37,961
Primary domestic investment capital	134,532	144,110	150,744	20,847	29,859	35,142
Direct lendings by domestic capital owners	17,872	18,531	18,631	3,019	3,252	2,211
Lendings by enterprises in the reporting country to their foreign sister companies	816	1,114	1,574	558	560	609
minus						
Liabilities of primary domestic direct investment relations	2,277	863	1,454	3,056	3,277	5,059
Direct lendings of direct investment enterprises abroad to their domestic investors	2,113	387	537	335	213	244
Lendings of enterprises abroad to their sister companies in the reporting country	164	476	917	2,721	3,065	4,815
Primary and secondary domestic direct investment abroad (consolidated)	22,942	24,906	26,809	490	455	479
Receivables of primary and secondary domestic direct investment relations	23,185	24,959	26,925	666	456	480
Primary domestic investment capital	14,922	17,331	18,776	167	450	450
Secondary domestic investment capital (held by dependent holding companies)	8,226	7,581	7,704	478	4	21
Direct lendings by domestic capital owners	16	25	24	–	–	–
Lendings by dependent holding companies	3	6	53	–	–	6
Lendings by enterprises in the reporting country to their foreign sister companies	19	16	369	21	1	3
minus						
Liabilities of primary and secondary domestic direct investment relations	242	53	117	176	0	1
Direct lendings of direct investment enterprises abroad to their domestic investors	142	4	6	–	–	–
Lendings to dependent holding companies	27	26	44	176	0	1
Lendings by enterprises abroad to their sister companies in the reporting country	73	22	67	0	0	1
Data on enterprises abroad						
Enterprises with primary domestic capital interests						
Number	360	400	408	60	62	63
Employees in thousands	0	0	0	4	4	4
Annual turnover in € million	292	116	184	391	355	317
Enterprises with secondary domestic majority interests						
Number	120	107	107	5	5	5
Employees in thousands	0	0	0	0	0	2
Annual turnover in € million	15	25	27	2	3	1

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment

End of year

Year	Europe									
	All countries	EU member states								
		Total	Total	Euro area					Cyprus	Estonia
				Total	Austria	Belgium	Croatia			
1	2	3	4	5	6	7	8	9		
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	1,896,579	1,303,725	1,109,334	981,915	59,842	43,940	2,162	1,619	375	
2020	1,924,168	1,344,479	1,164,849	1,043,804	58,545	44,810	2,383	1,046	428	
2021	2,152,917	1,486,743	1,260,178	1,122,133	63,125	44,428	2,537	1,820	3,329	
2022	2,242,688	1,539,852	1,301,638	1,156,697	67,044	44,512	1,919	1,699	1,031	
Liabilities of Outward direct investment relations										
2019	510,309	451,073	415,484	388,449	13,862	21,134	301	7,930	111	
2020	527,080	466,702	432,855	404,356	13,446	19,133	342	9,397	107	
2021	569,717	508,320	453,650	426,319	12,055	21,473	244	9,783	5,221	
2022	609,167	529,038	453,516	425,268	13,540	19,095	268	10,837	5,411	
Primary direct investment stocks (accumulated)										
2019	1,386,269	852,652	693,850	593,465	45,979	22,806	1,862	–	6,311	264
2020	1,397,088	877,776	731,994	639,448	45,099	25,678	2,041	–	8,352	321
2021	1,583,201	978,423	806,527	695,815	51,070	22,954	2,293	–	7,962	1,892
2022	1,633,521	1,010,813	848,122	731,429	53,503	25,417	1,651	–	9,138	4,380
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	1,909,730	1,103,877	829,299	669,667	55,884	53,226	3,470	1,539	540	
2020	1,821,865	1,071,289	842,265	683,905	57,321	37,796	3,716	12,774	538	
2021	2,072,238	1,208,183	934,708	764,210	56,878	39,036	3,925	13,452	7,345	
2022	2,178,810	1,253,482	963,306	784,036	59,516	37,998	3,238	13,514	7,388	
Liabilities of Outward direct investment relations										
2019	519,230	409,622	369,633	342,316	13,015	21,233	301	7,930	115	
2020	515,776	412,405	377,695	345,827	13,446	18,660	342	9,413	110	
2021	570,045	467,722	411,302	380,602	11,343	21,787	244	9,788	5,224	
2022	632,953	498,896	421,346	389,689	11,624	19,139	268	10,843	5,414	
Primary and secondary direct investment stocks (accumulated)										
2019	1,390,500	694,255	459,666	327,351	42,868	31,993	3,169	–	6,392	425
2020	1,306,090	658,884	464,570	338,078	43,875	19,136	3,374	–	3,361	428
2021	1,502,193	740,461	523,406	383,608	45,535	17,249	3,680	–	3,664	2,120
2022	1,545,857	754,586	541,960	394,347	47,892	18,860	2,971	–	2,670	1,974
Key indicators of enterprises abroad										
Number										
2019	40,982	24,194	18,533	13,330	1,832	747	157	58	58	
2020	41,411	24,486	18,877	13,597	1,891	750	165	56	59	
2021	43,156	25,604	19,836	14,330	1,946	792	171	59	62	
2022	43,535	25,789	20,027	14,485	1,929	774	177	57	61	
Employees in thousands										
2019	8,027	4,388	3,180	1,778	273	89	36	2	7	
2020	7,948	4,353	3,174	1,774	269	86	35	2	7	
2021	8,140	4,424	3,238	1,799	263	88	35	3	7	
2022	8,232	4,369	3,283	1,820	261	85	31	3	7	
Annual turnover in € million										
2019	3,315,352	1,835,076	1,230,329	871,560	116,621	75,947	8,380	677	1,504	
2020	2,987,882	1,662,629	1,172,186	831,325	111,835	72,302	7,710	467	1,538	
2021	3,427,593	1,841,565	1,272,455	897,035	113,790	80,066	8,281	779	1,801	
2022	3,821,783	2,048,273	1,366,272	954,964	120,075	85,084	8,100	868	1,629	

¹ Consolidated secondary direct investments are secondary capital relations of investments held by Germans in enterprises abroad by dependent holding companies domiciled abroad.

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

Europe (cont'd)

EU member states (cont'd)

Euro area (cont'd)

Year	Finland 10	France 11	Greece 12	Ireland 13	Italy 14	Latvia 15	Lithuania 16	Luxembourg 17	Malta 18
Primary domestic direct investment abroad in € million									
Receivables of Outward direct investment relations									
2019	4,206	66,934	5,050	50,597	42,456	641	1,229	216,233	22,252
2020	4,046	69,222	5,317	45,571	46,539	799	4,259	233,417	19,226
2021	5,078	72,957	5,811	48,167	48,642	904	4,269	266,656	18,865
2022	5,551	74,763	6,449	52,176	51,042	924	4,167	281,267	17,854
Liabilities of Outward direct investment relations									
2019	1,307	19,550	205	29,680	7,758	13	55	32,718	2,569
2020	972	20,579	243	26,377	6,811	35	129	39,953	1,465
2021	1,675	21,089	569	31,600	7,564	41	97	44,924	2,530
2022	1,997	23,731	598	41,582	7,624	35	146	46,341	2,207
Primary direct investment stocks (accumulated)									
2019	2,899	47,384	4,845	20,918	34,698	627	1,174	183,515	19,683
2020	3,074	48,643	5,074	19,194	39,728	764	4,130	193,464	17,760
2021	3,403	51,868	5,242	16,566	41,079	863	4,173	221,731	16,335
2022	3,553	51,032	5,851	10,594	43,418	889	4,021	234,925	15,648
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹									
Receivables of Outward direct investment relations									
2019	7,171	68,327	5,485	53,115	51,324	622	1,299	128,113	24,159
2020	6,651	69,819	5,765	49,222	55,696	761	1,509	141,507	18,707
2021	8,112	76,942	7,907	52,190	59,234	872	1,459	164,643	19,240
2022	8,576	80,062	7,638	55,816	62,046	898	1,393	163,991	16,306
Liabilities of Outward direct investment relations									
2019	1,339	18,686	205	29,610	7,374	15	57	31,585	2,501
2020	1,006	19,241	243	26,299	7,037	41	135	37,501	1,428
2021	1,691	20,180	570	31,584	7,712	47	101	41,880	2,407
2022	2,011	22,506	599	41,617	7,866	40	155	45,104	2,190
Primary and secondary direct investment stocks (accumulated)									
2019	5,831	49,641	5,280	23,505	43,950	608	1,242	96,528	21,658
2020	5,645	50,578	5,522	22,924	48,659	720	1,374	104,007	17,279
2021	6,421	56,762	7,337	20,607	51,523	826	1,358	122,763	16,833
2022	6,565	57,556	7,039	14,199	54,179	858	1,238	118,887	14,115
Key indicators of enterprises abroad									
Number									
2019	301	2,440	133	266	1,548	57	94	982	90
2020	312	2,478	130	269	1,593	60	100	1,025	91
2021	352	2,612	144	263	1,646	59	104	1,171	90
2022	358	2,605	154	276	1,680	59	113	1,159	89
Employees in thousands									
2019	26	326	30	30	221	6	18	17	4
2020	27	330	29	31	226	7	17	18	4
2021	28	344	26	32	240	5	18	19	3
2022	30	347	28	29	245	6	18	20	4
Annual turnover in € million									
2019	12,837	180,489	9,485	31,046	129,747	1,428	2,682	20,507	5,592
2020	12,761	170,390	8,843	34,998	114,075	1,393	2,861	20,736	4,994
2021	13,677	185,501	9,834	40,552	128,116	1,621	3,384	21,259	6,867
2022	15,110	195,976	11,227	31,866	139,830	2,030	3,814	22,283	7,454

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

Europe (cont'd)

EU member states (cont'd)

Year	Euro area (cont'd)					Other EU member states				
	Netherlands	Portugal	Slovakia	Slovenia	Spain	Total	Bulgaria	Czech Republic	Denmark	Hungary
	19	20	21	22	23	24	25	26	27	28
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	407,470	4,624	5,514	1,507	45,265	127,420	2,457	25,795	8,150	23,972
2020	448,131	4,295	5,725	1,633	48,412	121,045	2,463	20,089	8,446	21,230
2021	469,655	4,800	6,343	1,680	53,069	138,044	2,644	26,877	9,883	20,474
2022	478,914	5,321	6,680	1,683	53,701	144,941	2,789	27,931	10,273	21,843
Liabilities of Outward direct investment relations										
2019	237,342	1,971	1,793	342	9,809	27,035	579	6,347	1,511	7,990
2020	247,496	1,756	2,015	348	13,752	28,499	638	4,390	1,761	8,100
2021	248,964	1,916	2,233	434	13,907	27,332	405	4,752	1,715	7,355
2022	232,612	2,219	2,401	468	14,156	28,248	528	5,641	1,790	7,555
Primary direct investment stocks (accumulated)										
2019	170,128	2,654	3,721	1,165	35,456	100,385	1,879	19,448	6,640	15,982
2020	200,635	2,539	3,710	1,285	34,659	92,547	1,825	15,699	6,685	13,131
2021	220,691	2,884	4,109	1,247	39,162	110,712	2,239	22,125	8,168	13,119
2022	246,301	3,103	4,280	1,216	39,545	116,693	2,261	22,290	8,484	14,289
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	147,594	6,472	10,854	2,588	47,887	159,633	3,754	33,325	8,446	28,171
2020	150,375	6,340	10,552	2,682	52,173	158,360	3,756	29,924	9,031	25,834
2021	173,907	6,801	11,250	2,865	58,150	170,498	3,961	34,573	10,803	25,867
2022	184,275	7,291	11,692	3,009	59,388	179,269	4,101	35,484	11,063	27,071
Liabilities of Outward direct investment relations										
2019	195,914	1,955	1,802	343	8,337	27,317	588	4,737	1,520	7,979
2020	194,959	1,731	2,021	349	11,866	31,868	633	4,423	1,838	8,115
2021	208,163	1,919	2,242	434	13,287	30,700	409	4,831	1,757	7,497
2022	201,132	2,246	2,411	468	14,055	31,657	542	5,733	1,805	7,821
Primary and secondary direct investment stocks (accumulated)										
2019	– 48,320	4,516	9,052	2,246	39,550	132,315	3,166	28,588	6,926	20,192
2020	– 44,584	4,609	8,530	2,334	40,308	126,492	3,123	25,501	7,193	17,718
2021	– 34,256	4,883	9,008	2,431	44,864	139,798	3,551	29,743	9,046	18,370
2022	– 16,857	5,046	9,280	2,541	45,333	147,612	3,560	29,751	9,258	19,250
Key indicators of enterprises abroad										
Number										
2019	2,169	313	487	138	1,460	5,203	157	1,081	480	790
2020	2,166	329	493	135	1,494	5,280	169	1,058	490	772
2021	2,251	361	529	137	1,582	5,506	175	1,079	546	789
2022	2,298	366	561	138	1,631	5,542	169	1,086	566	784
Employees in thousands										
2019	176	71	142	25	280	1,402	55	353	39	216
2020	170	72	139	26	279	1,400	55	340	46	214
2021	169	73	138	27	281	1,439	55	343	47	216
2022	166	77	141	25	296	1,463	55	344	48	220
Annual turnover in € million										
2019	97,181	22,124	34,906	6,940	113,467	358,769	9,357	94,551	20,126	55,117
2020	94,101	20,125	33,891	6,403	111,901	340,861	9,923	80,228	25,314	50,980
2021	108,134	21,745	35,568	7,171	108,888	375,420	11,081	86,074	26,501	56,034
2022	122,185	24,530	38,235	7,312	117,357	411,308	12,476	94,626	26,943	63,502

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

Europe (cont'd)										
EU member states (cont'd)				Other European countries						
Euro area (cont'd)			Total	of which						
Poland	Romania	Sweden		Albania	Belarus	Bosnia and Herzegovina	Guernsey	Isle of Man	Jersey	
Year	29	30	31	32	33	34	35	36	37	38
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	34,411	9,379	23,255	145,770	99	245	314	1,110	350	3,046
2020	34,156	9,852	24,809	128,048	106	302	329	1,130	38	4,002
2021	35,436	10,919	31,812	158,331	102	330	330	1,445	88	4,587
2022	39,693	11,633	30,779	174,872	117	336	323	1,024	84	2,261
Liabilities of Outward direct investment relations										
2019	3,810	848	5,950	24,944	20	0	10	47	–	670
2020	4,458	1,116	8,035	22,167	20	2	12	46	–	1,097
2021	4,714	1,054	7,338	41,222	21	2	10	28	–	928
2022	4,249	1,459	7,026	57,996	21	3	18	31	–	52
Primary direct investment stocks (accumulated)										
2019	30,601	8,530	17,305	120,825	79	245	304	1,062	350	2,376
2020	29,698	8,735	16,774	105,881	86	299	317	1,084	38	2,905
2021	30,722	9,865	24,475	117,109	81	328	320	1,417	88	3,659
2022	35,443	10,174	23,754	116,876	96	333	306	993	84	2,210
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	41,400	11,802	32,733	209,004	157	402	355	1,121	316	3,023
2020	41,256	12,425	36,134	161,947	168	447	352	1,797	11	3,944
2021	44,262	14,008	37,024	194,843	168	477	360	1,800	68	4,395
2022	48,515	13,862	39,173	216,249	176	493	361	1,379	53	2,005
Liabilities of Outward direct investment relations										
2019	3,781	888	7,824	29,241	20	0	10	47	5	670
2020	4,536	1,017	11,306	23,444	20	2	12	46	–	1,097
2021	4,887	1,104	10,215	42,978	21	2	10	28	7	928
2022	4,456	1,495	9,805	60,430	21	3	18	31	7	52
Primary and secondary direct investment stocks (accumulated)										
2019	37,620	10,914	24,909	179,763	137	402	345	1,073	311	2,352
2020	36,720	11,408	24,828	138,504	148	444	340	1,752	11	2,847
2021	39,375	12,904	26,809	151,865	148	475	350	1,772	61	3,467
2022	44,059	12,367	29,367	155,819	154	490	343	1,348	46	1,953
Key indicators of enterprises abroad										
Number										
2019	1,430	452	813	3,933	9	31	49	38	25	32
2020	1,484	484	823	3,862	10	33	49	40	26	29
2021	1,561	489	867	3,963	11	36	54	41	23	30
2022	1,583	500	854	3,947	10	34	58	34	21	25
Employees in thousands										
2019	436	223	79	1,039	1	6	7	0	1	0
2020	437	228	81	1,006	1	7	7	–	0	0
2021	456	235	88	1,017	1	7	8	0	0	–
2022	466	242	87	916	1	7	8	0	0	–
Annual turnover in € million										
2019	96,136	35,159	48,323	454,797	93	743	887	82	93	139
2020	92,964	35,121	46,332	346,639	74	668	761	53	62	143
2021	103,797	39,466	52,467	414,783	104	815	920	23	61	209
2022	116,095	45,317	52,349	505,297	108	757	1,024	23	48	179

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

Europe (cont'd)

Other European countries (cont'd)

of which

Year	Kosovo	Liechtenstein	Moldova	North Macedonia	Norway	Russian Federation	Serbia	Switzerland	Turkey	Ukraine	United Kingdom
	39	40	41	42	43	44	45	46	47	48	49
Primary domestic direct investment abroad in € million											
Receivables of Outward direct investment relations											
2019	155	585	190	414	5,446	23,118	1,590	42,477	8,403	3,125	103,463
2020	168	500	184	399	6,505	19,614	1,830	44,489	7,926	2,734	89,176
2021	142	684	196	391	9,290	21,470	2,107	58,159	6,893	3,650	116,507
2022	143	787	196	450	8,077	20,402	2,329	54,279	8,698	1,737	136,683
Liabilities of Outward direct investment relations											
2019	4	3	11	24	803	955	77	9,838	696	110	22,285
2020	3	5	6	29	1,141	1,053	122	10,533	687	148	18,910
2021	1	20	10	28	2,522	1,268	187	10,902	739	173	37,802
2022	1	4	5	34	5,467	2,221	210	12,048	976	226	54,174
Primary direct investment stocks (accumulated)											
2019	151	582	179	390	4,643	22,163	1,514	32,639	7,707	3,015	81,178
2020	165	495	178	370	5,364	18,561	1,708	33,956	7,239	2,586	70,266
2021	141	664	186	363	6,768	20,202	1,920	47,257	6,154	3,476	78,706
2022	141	783	191	417	2,610	18,181	2,119	42,231	7,721	1,511	82,509
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹											
Receivables of Outward direct investment relations											
2019	157	862	216	462	8,244	26,467	2,346	56,349	9,896	3,767	160,168
2020	170	819	210	447	9,307	22,168	2,535	56,858	8,869	3,159	117,551
2021	144	1,049	226	448	12,434	24,059	2,832	65,041	7,953	4,157	147,657
2022	145	1,153	221	511	11,271	24,174	3,343	61,299	9,909	2,364	171,017
Liabilities of Outward direct investment relations											
2019	4	3	11	24	861	962	77	9,883	698	110	26,567
2020	3	5	6	29	1,284	1,063	123	9,975	691	148	20,171
2021	1	20	10	28	2,566	1,281	187	10,852	742	173	39,534
2022	1	4	5	34	5,513	2,237	210	11,597	985	227	56,574
Primary and secondary direct investment stocks (accumulated)											
2019	2,352	153	859	205	438	7,384	25,504	2,269	46,466	3,657	133,601
2020	2,847	166	814	204	418	8,023	21,106	2,412	46,883	3,011	97,380
2021	3,467	143	1,029	216	420	9,868	22,778	2,644	54,189	3,983	108,123
2022	1,953	144	1,148	216	477	5,758	21,938	3,133	49,702	2,137	114,442
Key indicators of enterprises abroad											
Number											
2019	32	6	11	15	30	278	737	118	1,427	143	2,229
2020	29	5	12	14	31	286	707	119	1,435	141	2,174
2021	30	5	13	14	31	294	733	125	1,483	150	2,240
2022	25	6	13	14	32	294	692	137	1,493	143	2,244
Employees in thousands											
2019	0	1	3	10	19	27	291	49	139	71	434
2020	0	1	3	11	19	26	270	53	144	72	417
2021	-	1	3	11	19	27	257	57	138	75	421
2022	-	1	3	11	20	28	182	61	138	64	394
Annual turnover in € million											
2019	139	123	2,358	333	888	13,232	83,353	4,091	134,158	7,346	321,868
2020	143	111	2,215	355	843	12,697	65,819	4,582	128,695	6,254	236,258
2021	209	124	2,497	416	945	14,831	75,617	5,545	136,801	8,830	291,294
2022	179	173	2,533	512	1,039	18,861	57,386	6,597	154,986	4,596	395,044

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

Africa									
Year	Total	of which							
		Algeria	Angola	Egypt	Ghana	Kenya	Libyan	Mauritius	Morocco
	50	51	52	53	54	55	56	57	58
Primary domestic direct investment abroad in € million									
Receivables of Outward direct investment relations									
2019	9,686	632	40	802	29	39	89	419	790
2020	9,745	584	14	725	28	26	68	593	697
2021	10,367	576	22	1,291	64	20	131	497	1,006
2022	11,470	675	22	1,535	70	12	23	375	1,018
Liabilities of Outward direct investment relations									
2019	696	14	2	80	2	2	43	0	15
2020	955	9	2	256	4	3	81	1	20
2021	1,031	10	3	114	12	4	110	0	24
2022	1,351	28	4	175	6	3	146	2	36
Primary direct investment stocks (accumulated)									
2019	8,990	619	38	722	27	37	46	419	774
2020	8,790	575	12	469	24	22	–	592	678
2021	9,336	567	19	1,177	51	15	21	497	982
2022	10,119	647	19	1,360	63	9	–	372	982
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹									
Receivables of Outward direct investment relations									
2019	12,574	636	42	911	40	78	89	370	1,356
2020	12,428	588	8	870	35	56	68	562	1,218
2021	13,084	583	19	1,410	135	50	131	519	1,485
2022	14,360	687	18	1,673	132	51	23	411	1,528
Liabilities of Outward direct investment relations									
2019	594	14	2	80	2	2	43	0	45
2020	968	9	2	256	4	3	81	1	50
2021	1,026	10	3	114	12	6	110	0	26
2022	1,356	28	4	175	6	5	146	2	53
Primary and secondary direct investment stocks (accumulated)									
2019	11,980	622	40	831	38	77	46	370	1,311
2020	11,461	579	6	614	30	53	–	561	1,168
2021	12,058	573	16	1,296	123	45	21	519	1,459
2022	13,003	659	15	1,497	125	46	–	409	1,475
Key indicators of enterprises abroad									
Number									
2019	896	27	10	80	14	29	5	44	91
2020	900	26	7	85	16	30	5	45	93
2021	923	28	8	90	17	33	5	44	93
2022	930	29	9	91	19	36	6	38	95
Employees in thousands									
2019	220	5	1	32	1	3	1	2	36
2020	212	5	0	31	1	4	0	2	35
2021	222	5	0	33	1	5	0	2	38
2022	227	4	0	34	1	5	0	2	40
Annual turnover in € million									
2019	34,998	908	70	3,325	174	379	174	196	2,419
2020	28,846	724	28	3,198	175	324	19	108	2,302
2021	34,280	764	57	3,817	576	374	15	92	2,937
2022	38,372	726	52	3,836	648	478	23	97	3,255

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

Year	Africa (cont'd)					America				
	of which					Total	North America			Central
	Namibia	Nigeria	South Africa	Tanzania	Tunisia		Total	Canada	of which	Total
									United States	
	59	60	61	62	63	64	65	66	67	68
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	105	47	6,037	50	346	385,760	335,158	13,864	321,294	23,567
2020	94	39	6,549	49	321	372,830	328,598	13,963	314,635	21,154
2021	89	52	6,059	55	339	429,215	380,865	15,899	364,966	23,028
2022	90	65	7,009	58	356	459,432	407,460	15,334	392,126	23,339
Liabilities of Outward direct investment relations										
2019	0	3	407	2	109	38,914	35,107	1,029	34,078	2,135
2020	–	3	442	0	119	38,575	33,947	1,265	32,681	3,130
2021	–	3	638	0	85	37,064	32,317	1,412	30,905	3,434
2022	–	4	824	–	107	47,565	40,588	1,634	38,954	5,135
Primary direct investment stocks (accumulated)										
2019	104	45	5,630	48	236	346,846	300,051	12,836	287,215	21,432
2020	94	42	6,107	49	201	334,254	294,651	12,698	281,954	18,025
2021	89	49	5,421	55	255	392,150	348,548	14,487	334,061	19,594
2022	90	61	6,185	58	249	411,867	366,872	13,700	353,172	18,204
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	107	222	7,720	122	382	556,035	491,674	22,287	469,387	29,379
2020	95	95	8,253	121	331	499,173	441,309	20,832	420,478	28,105
2021	92	176	7,611	142	414	580,593	517,294	23,931	493,364	30,539
2022	93	190	8,632	150	476	611,140	539,413	24,805	514,609	33,341
Liabilities of Outward direct investment relations										
2019	0	3	275	2	109	84,596	78,688	1,128	77,560	4,172
2020	–	3	424	0	119	76,876	72,047	1,313	70,733	3,233
2021	–	3	630	0	85	74,711	69,717	1,480	68,238	3,530
2022	–	4	812	–	107	99,008	91,781	1,638	90,143	5,195
Primary and secondary direct investment stocks (accumulated)										
2019	107	219	7,445	119	273	471,439	412,986	21,159	391,827	25,208
2020	95	93	7,829	120	212	422,298	369,263	19,518	349,744	24,872
2021	92	174	6,981	142	329	505,882	447,577	22,451	425,126	27,009
2022	93	186	7,820	150	369	512,132	447,632	23,166	424,466	28,146
Key indicators of enterprises abroad										
Number										
2019	7	31	414	13	42	8,383	6,182	549	5,634	924
2020	7	31	416	15	41	8,463	6,209	557	5,652	934
2021	6	37	414	16	45	8,835	6,543	588	5,955	943
2022	6	38	412	17	45	8,901	6,550	575	5,975	961
Employees in thousands										
2019	1	7	70	3	45	1,640	979	63	916	315
2020	1	5	62	2	50	1,620	958	68	891	306
2021	0	9	62	2	48	1,651	961	64	896	322
2022	0	9	63	2	50	1,710	998	66	932	338
Annual turnover in € million										
2019	84	929	23,642	251	1,154	800,946	654,452	39,793	614,659	67,699
2020	64	431	19,433	217	891	665,125	548,111	35,071	513,040	55,619
2021	70	552	20,990	274	1,050	811,742	668,268	42,875	625,393	67,856
2022	77	673	24,276	289	1,202	924,633	747,093	48,286	698,807	85,011

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

America (cont'd)										
America										
of which										
	Bahamas	Barbados	Bermuda	British Virgin Islands	Cayman Islands	Costa Rica	Curaçao	Dominican Republic	El Salvador	Guatemala
Year	69	70	71	72	73	74	75	76	77	78
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	51	.	2,924	69	876	107	200	126	61	98
2020	40	23	1,345	95	2,054	161	144	145	61	98
2021	.	26	1,646	116	137	183	196	191	71	133
2022	.	26	1,476	124	- 2,242	212	48	206	95	145
Liabilities of Outward direct investment relations										
2019	2	.	102	41	0	26	0	6	2	17
2020	12	1	584	195	1	27	0	5	1	21
2021	.	1	653	217	62	35	0	17	3	28
2022	.	1	703	814	64	44	0	18	2	29
Primary direct investment stocks (accumulated)										
2019	49	.	2,822	28	876	81	200	120	59	81
2020	28	23	761	- 100	2,053	133	144	140	59	77
2021	.	25	993	- 101	75	148	196	173	67	105
2022	.	25	773	- 690	- 2,306	168	48	188	92	116
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	76	.	4,433	92	749	190	203	512	86	248
2020	70	53	4,714	282	1,999	223	147	520	84	246
2021	.	56	5,043	320	163	239	200	650	99	297
2022	.	51	4,558	443	- 1,930	274	54	734	128	310
Liabilities of Outward direct investment relations										
2019	2	.	103	41	0	26	0	6	2	17
2020	12	1	584	200	1	28	0	5	1	21
2021	.	1	653	222	64	35	0	17	3	28
2022	.	1	703	814	66	44	0	18	2	29
Primary and secondary direct investment stocks (accumulated)										
2019	74	.	4,330	51	749	164	203	506	85	231
2020	58	52	4,130	82	1,999	194	147	515	83	225
2021	.	54	4,390	98	98	204	200	633	95	269
2022	.	51	3,855	- 371	- 1,997	231	53	716	125	281
Key indicators of enterprises abroad										
Number										
2019	6	.	19	13	110	28	9	16	12	18
2020	5	3	20	13	126	30	7	17	11	20
2021	.	3	24	15	139	31	7	22	11	22
2022	.	3	21	16	136	31	5	22	13	23
Employees in thousands										
2019	0	.	0	0	1	4	0	7	2	2
2020	0	0	0	0	2	5	0	6	2	2
2021	.	0	0	0	1	5	0	8	1	2
2022	.	0	0	0	6	6	0	8	1	2
Annual turnover in € million										
2019	53	.	4,275	219	1,206	573	48	543	141	452
2020	32	11	3,784	195	787	613	41	490	103	430
2021	.	11	7,012	191	1,033	671	11	593	138	553
2022	.	13	7,374	174	892	894	12	749	179	634

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

America (cont'd)										
Central America (cont'd)				South America						
of which				of which						
	Honduras	Mexico	Panama	Total	Argentina	Bolivia	Brazil	Chile	Colombia	Ecuador
Year	79	80	81	82	83	84	85	86	87	88
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	102	17,683	1,190	27,035	2,256	.	15,417	2,128	1,590	427
2020	109	15,636	1,175	23,077	1,990	51	12,350	2,235	1,475	500
2021	109	18,939	1,157	25,322	2,710	.	13,035	2,316	1,654	496
2022	122	21,729	1,256	28,633	3,179	60	15,076	2,614	1,621	516
Liabilities of Outward direct investment relations										
2019	2	1,913	12	1,672	110	.	719	102	34	8
2020	2	2,243	26	1,499	166	6	300	211	111	8
2021	3	2,332	58	1,313	118	.	312	184	56	11
2022	1	3,411	30	1,842	137	9	702	258	59	26
Primary direct investment stocks (accumulated)										
2019	100	15,770	1,178	25,363	2,146	.	14,698	2,026	1,556	419
2020	106	13,393	1,148	21,578	1,824	45	12,050	2,024	1,364	492
2021	106	16,607	1,099	24,008	2,592	.	12,723	2,132	1,598	485
2022	120	18,318	1,225	26,791	3,042	52	14,374	2,356	1,562	490
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	119	20,322	2,231	34,982	3,426	.	22,000	3,093	2,218	604
2020	127	19,104	448	29,759	3,018	66	17,771	3,181	2,007	683
2021	128	22,730	471	32,760	4,152	.	19,461	2,923	2,432	717
2022	143	27,829	582	38,385	4,955	100	23,283	3,473	2,361	788
Liabilities of Outward direct investment relations										
2019	2	2,070	1,892	1,737	127	.	767	101	34	8
2020	2	2,340	26	1,595	183	6	357	214	111	9
2021	3	2,420	58	1,464	153	.	410	201	56	11
2022	1	3,470	30	2,031	171	9	838	276	59	26
Primary and secondary direct investment stocks (accumulated)										
2019	117	18,252	339	33,245	3,299	.	21,233	2,992	2,184	596
2020	124	16,764	422	28,163	2,835	60	17,414	2,967	1,896	675
2021	125	20,310	412	31,296	3,999	.	19,051	2,721	2,377	706
2022	142	24,360	551	36,354	4,784	91	22,445	3,197	2,302	762
Key indicators of enterprises abroad										
Number										
2019	8	641	30	1,277	161	.	625	173	111	35
2020	9	629	31	1,320	146	9	645	187	113	42
2021	9	605	34	1,349	166	.	637	185	120	45
2022	9	625	35	1,390	169	10	652	192	125	46
Employees in thousands										
2019	1	292	2	346	32	.	235	27	27	5
2020	1	283	2	355	30	2	242	27	31	5
2021	1	297	2	368	38	.	239	28	35	5
2022	1	308	2	374	38	2	241	30	37	5
Annual turnover in € million										
2019	238	59,147	649	78,795	8,886	.	53,995	5,225	5,005	1,066
2020	206	48,092	691	61,395	6,611	159	40,148	5,441	4,798	1,061
2021	265	56,522	622	75,618	9,821	.	48,016	6,141	5,459	1,405
2022	278	72,676	835	92,530	11,457	276	60,822	7,367	5,541	1,562

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

Year					Asia					
					Total	Near and Middle East countries				
	Paraguay	Peru	Uruguay	Venezuela		Total	of which			
							Azerbaijan	Bahrain	Georgia	Israel
	89	90	91	92	93	94	95	96	97	98
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	145	915	2,691	1,421	183,600	11,141	183	335	214	1,106
2020	128	839	2,567	939	181,907	9,801	88	237	180	1,104
2021	152	838	3,184	878	209,014	11,121	27	364	209	1,318
2022	170	1,028	3,488	881	213,963	11,784	34	367	245	1,701
Liabilities of Outward direct investment relations										
2019	0	79	34	580	17,476	1,249	0	288	11	242
2020	7	114	44	532	17,737	1,521	0	284	35	256
2021	10	46	12	561	20,780	1,677	0	328	33	299
2022	11	67	19	555	28,513	6,012	0	378	19	4,377
Primary direct investment stocks (accumulated)										
2019	145	836	2,657	841	166,124	9,892	183	47	204	864
2020	121	725	2,523	407	164,171	8,280	87	47	146	848
2021	142	793	3,172	317	188,234	9,443	27	36	176	1,019
2022	159	962	3,469	326	185,450	5,773	34	11	226	2,677
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	161	1,072	880	1,462	216,086	12,471	184	353	214	1,973
2020	142	993	912	981	216,602	10,906	88	261	180	1,780
2021	169	985	917	913	243,415	12,757	27	428	209	2,241
2022	187	1,235	1,085	919	272,685	19,344	34	467	245	6,663
Liabilities of Outward direct investment relations										
2019	0	79	34	580	21,889	1,256	0	288	11	242
2020	7	132	44	532	22,255	1,528	0	284	35	256
2021	10	46	12	561	23,268	1,707	0	328	33	299
2022	11	67	19	555	30,006	6,050	0	378	19	4,377
Primary and secondary direct investment stocks (accumulated)										
2019	161	993	847	882	194,198	11,215	184	66	204	1,731
2020	135	862	868	448	194,348	9,378	87	22	146	1,524
2021	159	940	905	352	220,148	11,050	27	101	176	1,942
2022	176	1,168	1,066	364	242,680	13,294	34	89	226	2,285
Key indicators of enterprises abroad										
Number										
2019	19	85	50	9	6,616	600	8	24	12	98
2020	20	89	60	8	6,645	587	6	17	9	100
2021	21	91	67	8	6,887	624	6	20	10	105
2022	23	94	72	7	6,992	626	6	22	10	105
Employees in thousands										
2019	2	11	4	2	1,670	76	2	2	4	10
2020	2	10	4	2	1,660	72	2	1	4	10
2021	2	12	6	2	1,747	80	0	2	6	11
2022	2	12	6	2	1,827	84	0	2	6	12
Annual turnover in € million										
2019	309	2,317	1,017	797	593,045	23,100	197	674	158	3,547
2020	280	1,601	1,080	213	580,708	20,937	133	645	120	3,539
2021	386	2,176	1,313	644	684,512	26,165	114	720	239	4,686
2022	396	2,863	1,601	645	751,454	33,368	143	848	251	5,115

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

Asia (cont'd)										
Near and Middle East countries (cont'd)							Other Asian countries			
of which										
	Jordan	Kuwait	Lebanon	Oman	Qatar	Saudi Arabia	United Arab Emirates	Total	of which	
Year	99	100	101	102	103	104	105	106	Bangladesh	China
									107	108
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	78	202	44	82	209	2,053	6,443	172,459	42	91,482
2020	52	120	100	65	406	1,581	5,690	172,106	58	91,958
2021	62	131	236	118	393	1,435	6,644	197,894	61	106,887
2022	70	156	265	149	390	1,691	6,522	202,178	70	107,046
Liabilities of Outward direct investment relations										
2019	5	4	4	3	20	84	581	16,227	11	6,839
2020	5	7	14	37	8	212	664	16,215	11	6,777
2021	4	1	19	12	10	305	666	19,103	31	7,498
2022	5	1	8	15	23	408	773	22,501	35	9,388
Primary direct investment stocks (accumulated)										
2019	73	198	40	79	188	1,969	5,862	156,232	31	84,643
2020	47	113	86	28	397	1,369	5,026	155,891	47	85,181
2021	58	130	217	106	383	1,131	5,978	178,791	30	99,388
2022	66	155	256	134	367	1,283	5,748	179,677	35	97,658
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	60	202	82	90	216	2,156	6,748	203,615	104	98,092
2020	54	120	136	68	455	1,700	5,883	205,697	120	100,609
2021	59	131	294	193	490	1,613	6,887	230,658	168	115,766
2022	68	156	2,060	225	488	1,931	6,813	253,341	184	133,362
Liabilities of Outward direct investment relations										
2019	5	4	4	3	20	85	588	20,633	11	8,169
2020	5	7	14	37	8	212	670	20,727	11	8,514
2021	4	1	19	12	10	305	696	21,561	31	9,044
2022	5	1	8	15	23	408	812	23,955	35	10,949
Primary and secondary direct investment stocks (accumulated)										
2019	55	198	79	87	195	2,072	6,160	182,982	93	89,923
2020	50	113	122	31	447	1,488	5,213	184,970	109	92,096
2021	55	130	275	182	480	1,308	6,191	209,098	137	106,722
2022	64	155	2,051	210	465	1,523	6,000	229,385	149	122,413
Key indicators of enterprises abroad										
Number										
2019	9	13	11	15	27	84	287	6,016	18	2,406
2020	9	13	11	15	28	84	285	6,058	21	2,447
2021	12	9	11	21	31	96	291	6,263	24	2,476
2022	12	8	10	20	29	93	298	6,366	24	2,532
Employees in thousands										
2019	1	4	1	2	2	14	33	1,594	8	768
2020	1	3	1	2	3	13	31	1,588	7	752
2021	2	3	1	2	3	15	33	1,667	8	766
2022	2	3	1	2	3	15	37	1,743	8	801
Annual turnover in € million										
2019	156	981	270	317	381	4,010	12,322	569,944	477	330,460
2020	131	755	261	269	671	3,880	10,466	559,771	453	333,983
2021	184	559	483	436	874	4,280	13,524	658,347	586	405,254
2022	203	581	767	423	935	4,726	19,307	718,086	627	429,002

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

Asia (cont'd)										
Other Asian countries (cont'd)										
of which										
	Hongkong	India	Indonesia	Iran	Japan	Kazakhstan	Korea, Republic of	Malaysia	Pakistan	Philippines
Year	109	110	111	112	113	114	115	116	117	118
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	9,953	16,677	2,607	416	9,939	354	9,197	5,310	271	1,304
2020	10,271	16,098	2,533	559	10,753	214	9,953	5,111	266	1,064
2021	13,866	17,998	2,521	603	11,517	304	9,671	5,197	298	1,195
2022	13,015	19,889	2,701	743	11,780	396	10,900	5,383	351	1,391
Liabilities of Outward direct investment relations										
2019	3,310	764	69	25	1,785	11	447	474	42	37
2020	2,695	741	67	7	1,762	9	595	511	41	58
2021	3,363	949	81	7	2,182	14	409	584	36	105
2022	3,996	1,094	109	4	2,158	13	481	499	2	133
Primary direct investment stocks (accumulated)										
2019	6,643	15,913	2,538	390	8,155	343	8,751	4,835	229	1,267
2020	7,576	15,357	2,466	552	8,991	205	9,358	4,600	226	1,005
2021	10,503	17,048	2,440	596	9,335	290	9,262	4,613	261	1,090
2022	9,019	18,795	2,592	739	9,622	383	10,419	4,883	349	1,258
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	9,042	19,837	2,895	412	17,321	446	12,936	7,683	275	1,376
2020	9,511	19,983	2,830	551	18,405	322	14,033	6,875	240	1,141
2021	13,301	22,319	2,901	582	18,042	448	13,914	7,174	281	1,275
2022	11,678	24,964	3,095	719	18,625	549	15,539	7,601	338	1,476
Liabilities of Outward direct investment relations										
2019	3,233	767	69	25	1,841	11	447	632	42	37
2020	2,566	746	67	7	1,771	9	595	512	41	58
2021	3,308	950	81	7	2,196	14	409	604	36	108
2022	3,764	1,094	109	4	2,171	13	481	564	2	133
Primary and secondary direct investment stocks (accumulated)										
2019	5,809	19,070	2,826	386	15,480	435	12,489	7,050	234	1,339
2020	6,945	19,237	2,763	543	16,634	313	13,438	6,363	199	1,083
2021	9,993	21,369	2,820	575	15,846	433	13,505	6,570	245	1,167
2022	7,913	23,869	2,986	714	16,454	536	15,058	7,037	336	1,343
Key indicators of enterprises abroad										
Number										
2019	465	693	135	25	457	49	304	277	33	98
2020	458	702	136	22	449	44	303	266	34	97
2021	457	735	143	25	454	47	312	286	34	107
2022	462	737	146	22	452	51	320	293	34	113
Employees in thousands										
2019	30	370	32	2	74	7	37	78	7	30
2020	39	376	32	2	74	4	36	78	7	30
2021	38	412	38	2	73	5	38	84	8	36
2022	37	442	38	1	72	5	39	88	8	38
Annual turnover in € million										
2019	26,939	39,928	6,302	816	50,961	1,254	28,223	14,348	919	2,915
2020	30,659	38,037	5,598	1,121	45,450	941	28,919	12,626	809	2,575
2021	29,791	45,360	6,710	1,858	45,949	977	30,702	15,461	942	3,210
2022	37,557	53,140	7,326	2,148	47,301	1,297	37,169	17,277	1,025	3,532

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by country of investment (cont'd)

End of year

Asia (cont'd)							Australia, Oceania and Polar regions		
Other Asian countries (cont'd)							Total	of which	
of which								Australia	New Zealand
Year	Singapore	Sri Lanka	Taiwan	Thailand	Uzbekistan	Viet Nam			
	119	120	121	122	123	124	125	126	127
Primary domestic direct investment abroad in € million									
Receivables of Outward direct investment relations									
2019	17,827	193	2,240	3,635	55	919	13,807	12,827	934
2020	16,165	195	2,662	3,197	57	974	15,208	14,263	901
2021	19,576	205	2,742	3,851	50	1,302	17,578	16,338	1,125
2022	20,464	156	2,263	3,977	71	1,528	17,972	17,058	778
Liabilities of Outward direct investment relations									
2019	1,762	4	137	382	3	74	2,150	2,033	116
2020	2,229	4	122	477	0	93	3,111	2,920	191
2021	3,118	5	131	428	0	137	2,521	2,311	209
2022	3,757	4	154	491	0	173	2,700	2,486	213
Primary direct investment stocks (accumulated)									
2019	16,065	189	2,103	3,253	52	845	11,657	10,794	818
2020	13,936	191	2,540	2,719	56	881	12,097	11,343	710
2021	16,458	200	2,610	3,423	50	1,165	15,058	14,027	916
2022	16,707	152	2,110	3,486	71	1,354	15,272	14,572	565
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹									
Receivables of Outward direct investment relations									
2019	23,191	210	2,906	5,442	55	1,338	21,157	19,966	1,136
2020	21,323	224	3,360	4,713	57	1,350	22,373	21,262	1,083
2021	23,161	244	3,614	5,570	50	1,757	26,962	25,195	1,667
2022	23,807	194	3,290	5,681	71	2,078	27,143	25,526	1,496
Liabilities of Outward direct investment relations									
2019	4,691	4	137	383	3	74	2,529	2,416	112
2020	5,113	4	123	479	0	93	3,273	3,089	184
2021	4,042	5	131	429	0	137	3,318	3,116	201
2022	3,746	4	204	492	0	174	3,687	3,482	204
Primary and secondary direct investment stocks (accumulated)									
2019	18,500	206	2,769	5,059	52	1,264	18,629	17,550	1,024
2020	16,210	219	3,238	4,234	56	1,257	19,100	18,173	899
2021	19,119	239	3,482	5,141	50	1,621	23,644	22,080	1,466
2022	20,061	190	3,086	5,190	71	1,904	23,456	22,043	1,292
Key indicators of enterprises abroad									
Number									
2019	532	22	158	230	5	81	893	783	94
2020	547	22	166	232	6	79	916	807	92
2021	588	22	176	246	7	94	907	789	102
2022	592	21	185	251	7	95	923	801	103
Employees in thousands									
2019	43	11	17	39	1	32	109	99	9
2020	44	10	17	39	3	31	102	92	10
2021	44	10	19	44	3	34	97	87	10
2022	45	10	20	46	3	36	99	92	7
Annual turnover in € million									
2019	34,759	452	11,849	15,464	163	3,247	51,288	48,176	2,973
2020	31,082	322	11,908	11,684	77	3,064	50,574	47,448	2,986
2021	36,947	353	14,569	14,921	184	4,127	55,493	52,058	3,251
2022	43,295	310	15,406	16,250	203	4,862	59,051	55,979	2,817

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the domestic investors

End of year

Year	All economic activities	Agriculture, forestry and fishing	Mining and quarrying			Manufacturing				
			Total	of which		Total	of which			
				Extraction of crude petroleum and natural gas	Other mining and quarrying		Manufacture of food products	Manufacture of beverages	Manufacture of tobacco products	Manufacture of textiles
1	2	3	4	5	6	7	8	9	10	
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	1,896,579	851	5,222	4,745	456	517,874	2,751	739	945	958
2020	1,924,168	426	4,565	4,182	469	541,424	2,650	722	561	1,019
2021	2,152,917	587	5,092	4,714	472	587,637	2,712	884	623	1,161
2022	2,242,688	599	.	4,966	471	628,878	3,532	917	5,488	1,218
Liabilities of Outward direct investment relations										
2019	510,309	263	3,184	3,178	6	164,590	1,751	107	-	105
2020	527,080	20	3,369	3,364	5	178,064	1,599	111	0	147
2021	569,717	42	6,589	6,581	8	179,746	1,531	80	0	170
2022	609,167	45	.	8,584	8	191,691	1,440	92	0	165
Primary direct investment stocks (accumulated)										
2019	1,386,269	587	2,037	1,568	450	353,284	1,001	633	945	853
2020	1,397,088	406	1,196	818	464	363,360	1,051	611	561	872
2021	1,583,201	545	- 1,497	- 1,868	464	407,891	1,180	804	623	991
2022	1,633,521	555	.	- 3,618	463	437,187	2,092	824	5,488	1,053
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	1,909,730	781	4,625	4,181	424	534,862	4,051	657	945	949
2020	1,821,865	410	4,004	3,666	424	534,775	3,948	624	561	1,013
2021	2,072,238	587	4,169	3,833	430	593,517	4,032	678	623	1,150
2022	2,178,810	599	.	4,498	427	612,622	5,108	712	5,488	1,204
Liabilities of Outward direct investment relations										
2019	519,230	126	3,139	3,133	6	184,458	1,755	81	-	105
2020	515,776	20	3,311	3,306	5	191,018	1,643	77	0	147
2021	570,045	42	5,903	5,896	7	191,946	1,581	63	0	170
2022	632,953	45	.	7,876	7	214,894	1,486	73	0	165
Primary and secondary direct investment stocks (accumulated)										
2019	1,390,500	655	1,485	1,047	418	350,404	2,296	576	945	844
2020	1,306,090	390	692	360	418	343,757	2,305	548	561	866
2021	1,502,193	545	- 1,734	- 2,063	422	401,571	2,451	615	623	980
2022	1,545,857	555	.	- 3,378	420	397,728	3,622	639	5,488	1,039
Number of investors										
2019	7,881	15	29	10	13	2,037	63	15	3	34
2020	7,936	14	29	11	12	2,026	59	15	3	33
2021	8,016	18	27	11	10	2,039	60	16	3	31
2022	8,069	17	.	11	11	2,041	61	15	3	33

¹ Consolidated secondary direct investments are secondary capital relations of investments held by Germans in enterprises abroad by dependent holding companies domiciled abroad.

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the domestic investors (cont'd)

End of year

Manufacturing (cont'd)											
of which											
	Manufacture of wearing apparel	Manufacture of leather and related products	Manufacture of articles of straw and plaiting materials	Manufacture of wood and of products of wood and cork, except furniture; Manufacture of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	Manufacture of paper and paper products	Printing and reproduction of recorded media	Manufacture of coke and refined petroleum products	Manufacture of chemicals and chemical products	Manufacture of basic pharmaceutical products and pharmaceutical preparations	Manufacture of rubber and plastic products	Manufacture of other non-metallic mineral products
Year	11	12	13	14	15	16	17	18	19	20	
Primary domestic direct investment abroad in € million											
Receivables of Outward direct investment relations											
2019	339	490	176	7,687	633	10,726	86,535	45,052	7,528	4,271	
2020	327	468	168	7,890	648	10,312	85,699	48,698	7,479	4,157	
2021	300	538	156	7,980	841	11,066	107,254	53,541	8,034	4,590	
2022	309	531	125	8,194	1,030	11,735	115,060	58,104	8,569	4,575	
Liabilities of Outward direct investment relations											
2019	367	82	8	79	44	4	22,314	9,587	506	651	
2020	518	102	7	21	47	7	23,004	10,756	615	538	
2021	404	95	6	35	62	52	25,018	11,596	675	459	
2022	359	101	8	76	52	52	28,218	11,861	595	371	
Primary direct investment stocks (accumulated)											
2019	–	27	408	168	7,608	589	10,722	64,220	35,464	7,022	3,621
2020	–	191	367	161	7,869	601	10,305	62,695	37,942	6,864	3,619
2021	–	103	444	150	7,945	779	11,014	82,235	41,945	7,359	4,131
2022	–	50	430	117	8,118	977	11,683	86,843	46,243	7,974	4,203
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹											
Receivables of Outward direct investment relations											
2019	338	491	176	6,137	646	7,552	92,861	44,970	7,616	4,229	
2020	330	470	168	6,388	646	6,732	85,117	46,534	7,566	4,188	
2021	304	539	156	6,480	863	6,814	110,079	54,729	8,325	4,550	
2022	310	510	125	6,574	1,058	7,063	117,071	59,902	8,979	4,530	
Liabilities of Outward direct investment relations											
2019	365	82	8	79	44	4	17,308	9,595	544	568	
2020	517	102	7	22	47	7	17,220	10,612	634	555	
2021	403	95	6	35	62	52	20,390	11,599	666	456	
2022	359	101	8	76	52	52	22,717	11,831	524	371	
Primary and secondary direct investment stocks (accumulated)											
2019	–	27	409	168	6,058	602	7,547	75,552	35,374	7,073	3,661
2020	–	187	368	161	6,367	599	6,725	67,898	35,923	6,932	3,634
2021	–	99	445	150	6,445	800	6,762	89,689	43,130	7,659	4,094
2022	–	48	409	117	6,498	1,006	7,011	94,353	48,071	8,454	4,159
Number of investors											
2019	24	11	9	32	22	8	146	58	165	64	
2020	22	11	10	32	22	7	147	59	161	63	
2021	23	12	10	32	25	7	150	60	157	62	
2022	22	11	11	32	24	7	150	62	156	59	

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the domestic investors (cont'd)

End of year

Manufacturing (cont'd)

of which

Year	Manufacture of basic metals	Manufacture of fabricated metal products, except machinery and equipment	Manufacture of electronic components and boards	Manufacture of communication equipment; manufacture of consumer electronics	Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks, electromedical and electrotherapeutic equipment	Manufacture of optical instruments and photographic equipment; manufacture of magnetic and optical media	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers
	21	22	23	24	25	26	27	28	29
Primary domestic direct investment abroad in € million									
Receivables of Outward direct investment relations									
2019	6,869	9,618	10,339	1,155	9,019	1,422	35,653	29,982	232,176
2020	6,989	9,059	15,711	1,064	10,004	1,386	32,199	48,498	232,910
2021	7,222	9,551	16,845	1,037	9,090	1,409	28,538	50,656	250,132
2022	7,792	8,529	18,045	1,004	11,392	1,410	27,990	54,632	264,192
Liabilities of Outward direct investment relations									
2019	1,617	653	2,033	287	613	56	9,171	4,835	108,163
2020	1,826	900	2,267	239	825	62	10,533	6,628	115,201
2021	1,837	640	3,040	296	999	86	10,849	7,639	112,150
2022	1,591	605	3,198	266	1,632	92	9,320	7,698	121,343
Primary direct investment stocks (accumulated)									
2019	5,252	8,966	8,306	868	8,405	1,366	26,482	25,147	124,013
2020	5,163	8,159	13,444	825	9,179	1,324	21,666	41,871	117,708
2021	5,385	8,911	13,805	741	8,092	1,322	17,689	43,016	137,982
2022	6,201	7,924	14,847	738	9,760	1,318	18,670	46,934	142,849
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹									
Receivables of Outward direct investment relations									
2019	6,760	9,650	13,012	1,212	9,245	1,446	34,723	27,155	247,200
2020	5,559	9,116	13,111	1,095	10,293	1,380	32,194	46,981	238,055
2021	6,799	9,618	13,537	1,069	9,455	1,453	29,380	51,158	258,141
2022	7,044	8,653	14,052	1,036	11,785	1,454	28,419	57,119	251,050
Liabilities of Outward direct investment relations									
2019	2,114	654	4,947	287	657	79	8,363	4,896	130,337
2020	1,831	899	5,188	239	907	81	10,444	6,366	131,409
2021	2,453	636	3,702	296	1,144	105	10,753	7,513	127,730
2022	917	601	2,701	266	1,794	110	9,275	7,587	151,327
Primary and secondary direct investment stocks (accumulated)									
2019	4,646	8,996	8,065	925	8,587	1,367	26,360	22,259	116,864
2020	3,728	8,217	7,923	857	9,386	1,299	21,750	40,615	106,646
2021	4,346	8,982	9,835	773	8,311	1,348	18,627	43,645	130,411
2022	6,126	8,052	11,351	770	9,991	1,344	19,144	49,531	99,723
Number of investors									
2019	74	208	38	21	160	14	173	486	118
2020	72	209	41	20	162	14	169	487	119
2021	67	210	38	21	155	16	168	507	118
2022	63	206	40	21	155	16	172	514	114

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the domestic investors (cont'd)

End of year

Year	Manufacturing (cont'd)		Electricity, gas, steam and air conditioning supply	Water supply, sewerage, waste management and remediation activities		Construction	Wholesale and retail trade; repair of motor vehicles and motorcycles	Transportation and storage			
	of which			Total	of which			Total	of which		
	Manufacture of other transport equipment	Other manufacturing; repair and installation of machinery and equipment			Waste collection, treatment and disposal activities; materials recovery					Air transport	Warehousing and supporting activities for transportation
	30	31	32	33	34	35	36	37	38	39	
Primary domestic direct investment abroad in € million											
Receivables of Outward direct investment relations											
2019	9,607	3,049	38,410	429	368	2,114	44,628	16,633	5,187	4,094	
2020	9,809	2,822	26,043	418	359	2,165	43,850	13,406	2,904	3,764	
2021	10,153	3,088	43,280	404	335	2,506	51,543	16,512	2,710	5,017	
2022	10,551	3,697	56,567	410	333	2,812	56,850	19,015	2,710	7,148	
Liabilities of Outward direct investment relations											
2019	1,424	115	22,753	43	43	266	8,944	2,995	635	486	
2020	1,428	664	8,502	151	145	312	9,537	3,271	547	497	
2021	1,294	707	28,705	137	132	379	10,143	4,364	617	478	
2022	1,773	750	43,459	147	139	338	9,491	5,648	617	1,599	
Primary direct investment stocks (accumulated)											
2019	8,184	2,934	15,657	386	325	1,848	35,684	13,638	4,552	3,608	
2020	8,381	2,158	17,540	267	214	1,853	34,313	10,135	2,358	3,267	
2021	8,858	2,382	14,575	266	203	2,128	41,401	12,148	2,092	4,539	
2022	8,778	2,947	13,108	262	194	2,474	47,359	13,367	2,092	5,549	
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹											
Receivables of Outward direct investment relations											
2019	9,616	3,071	28,723	407	345	2,118	40,529	16,841	6,506	3,970	
2020	9,691	2,838	21,142	416	357	2,174	39,963	11,451	2,318	3,516	
2021	10,187	3,161	38,298	399	331	2,528	47,615	14,626	1,974	4,737	
2022	10,676	2,444	55,011	405	328	2,845	54,060	17,105	1,974	6,926	
Liabilities of Outward direct investment relations											
2019	1,400	168	19,941	43	43	260	8,872	2,960	635	478	
2020	1,408	638	8,783	151	145	305	9,476	3,235	547	489	
2021	1,303	707	28,809	137	132	379	10,293	4,389	617	470	
2022	1,719	750	43,914	147	139	338	9,626	5,687	617	1,595	
Primary and secondary direct investment stocks (accumulated)											
2019	8,216	2,903	8,782	363	302	1,858	31,656	13,881	5,871	3,492	
2020	8,283	2,200	12,358	265	212	1,868	30,487	8,216	1,771	3,027	
2021	8,885	2,454	9,489	262	199	2,150	37,322	10,237	1,356	4,267	
2022	8,957	1,694	11,097	258	189	2,507	44,434	11,418	1,356	5,331	
Number of investors											
2019	25	48	80	22	19	61	595	126	5	49	
2020	24	47	81	19	16	60	610	124	4	48	
2021	25	49	78	18	15	63	624	124	4	49	
2022	26	52	79	18	15	61	637	125	4	50	

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the domestic investors (cont'd)

End of year

Year	Information and Communication					Financial and insurance activities				
	Total	of which				Total	of which:			
		Publishing activities	Programming and broadcasting activities	Telecommunications	Computer programming, consultancy and related activities		Monetary intermediation	Holding companies without management function	Funds	
40	41	42	43	44	45	46	47	48	49	
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	693	54,335	385	116	9,265	43,914	854,194	88,425	633,659	.
2020	736	46,693	381	93	2,760	43,032	860,619	108,969	613,979	–
2021	720	63,559	1,892	105	12,128	48,996	955,629	111,613	663,313	30
2022	721	67,062	1,877	107	11,995	52,668	977,794	111,363	676,605	28
Liabilities of Outward direct investment relations										
2019	24	46,994	112	30	33,894	12,918	157,097	601	138,469	–
2020	0	40,343	102	1	27,799	12,392	163,681	2,795	144,237	–
2021	107	44,751	844	4	25,995	17,857	175,910	1,250	158,350	–
2022	107	45,935	909	3	24,005	20,960	189,823	1,356	172,640	–
Primary direct investment stocks (accumulated)										
2019	669	7,341	273	86	– 24,629	30,996	697,098	87,824	495,191	.
2020	736	6,351	279	92	– 25,040	30,640	696,937	106,174	469,742	–
2021	613	18,808	1,048	101	– 13,867	31,139	779,720	110,362	504,962	30
2022	614	21,127	968	103	– 12,011	31,709	787,971	110,008	503,965	28
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	679	62,403	310	116	9,170	52,151	888,670	89,765	671,908	.
2020	701	54,892	355	93	2,706	51,311	813,335	89,941	591,993	–
2021	635	70,465	1,866	105	5,194	62,863	909,877	88,981	648,599	26
2022	637	75,685	1,850	107	3,995	69,318	952,358	90,457	683,560	28
Liabilities of Outward direct investment relations										
2019	25	53,838	96	30	33,850	19,821	159,435	552	140,815	–
2020	1	47,887	83	1	27,793	19,962	147,840	978	130,174	–
2021	108	54,434	822	4	25,974	27,583	169,155	781	151,659	–
2022	108	57,193	887	3	23,985	32,260	186,127	888	169,008	–
Primary and secondary direct investment stocks (accumulated)										
2019	655	8,565	214	86	– 24,681	32,330	729,235	89,212	531,093	.
2020	700	7,005	272	92	– 25,087	31,349	665,495	88,963	461,818	–
2021	527	16,031	1,044	101	– 20,780	35,280	740,721	88,200	496,940	26
2022	529	18,493	963	103	– 19,990	37,058	766,231	89,569	514,552	28
Number of investors										
2019	13	169	12	4	12	124	2,633	61	2,227	.
2020	12	179	14	3	9	135	2,666	57	2,253	–
2021	13	198	15	4	10	153	2,719	57	2,264	3
2022	13	215	15	4	12	166	2,731	54	2,275	3

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the domestic investors (cont'd)

End of year

Year	Financial and insurance activities (cont'd)			Real estate activities	Professional, scientific and technical activities					
	of which:				Total	of which				
	Trusts, funds and similar financial entities	Insurance, reinsurance and pension funds (excl. social security)	Activities auxiliary to financial services and insurance activities			Activities of head offices (holding companies with management function)	Public relations and management consultancy activities	Architectural and engineering activities and related technical consultancy	Scientific research and development	Advertising; market research and public opinion polling
	50	51	52	53	54	55	56	57	58	59
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	5,774	88,256	29,412	6,572	332,464	326,572	2,149	734	1,232	561
2020	5,897	93,024	29,482	6,706	356,853	351,087	2,002	717	1,217	640
2021	3,959	121,312	43,782	6,836	383,278	376,019	2,535	820	2,094	635
2022	4,200	128,763	44,559	7,109	380,499	371,184	3,277	879	3,423	653
Liabilities of Outward direct investment relations										
2019	60	15,647	1,016	1,391	99,551	98,557	177	81	111	190
2020	80	14,263	1,012	1,331	116,232	115,220	248	64	52	241
2021	49	13,863	1,183	973	116,173	115,133	276	70	56	236
2022	49	13,741	1,140	353	112,009	109,868	344	58	1,088	237
Primary direct investment stocks (accumulated)										
2019	5,714	72,609	28,397	5,181	232,913	228,016	1,972	653	1,121	371
2020	5,817	78,761	28,470	5,376	240,621	235,867	1,754	653	1,166	399
2021	3,910	107,449	42,599	5,863	267,105	260,886	2,260	751	2,038	400
2022	4,151	115,022	43,419	6,756	268,490	261,317	2,933	821	2,335	416
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	5,722	83,477	29,055	6,295	300,977	295,290	2,054	717	1,120	641
2020	5,922	86,527	29,704	6,724	311,916	306,365	1,908	701	1,057	749
2021	3,921	113,357	43,709	6,882	348,017	341,075	2,404	797	1,966	617
2022	4,163	116,654	45,519	7,131	357,498	348,643	3,143	859	3,295	634
Liabilities of Outward direct investment relations										
2019	60	15,678	1,026	1,385	82,511	81,431	177	82	113	276
2020	80	14,301	1,013	1,330	100,121	99,025	248	64	45	325
2021	49	14,270	1,182	976	101,760	100,676	274	70	48	278
2022	49	14,148	1,136	355	105,100	102,911	344	58	1,080	279
Primary and secondary direct investment stocks (accumulated)										
2019	5,662	67,799	28,029	4,910	218,466	213,858	1,877	635	1,007	365
2020	5,841	72,227	28,691	5,393	211,795	207,339	1,661	637	1,012	423
2021	3,872	99,087	42,527	5,907	246,257	240,398	2,130	727	1,918	338
2022	4,114	102,507	44,383	6,776	252,398	245,733	2,799	801	2,215	355
Number of investors										
2019	46	112	134	217	1,117	942	47	43	35	26
2020	43	116	143	216	1,142	970	47	38	36	26
2021	50	118	163	213	1,158	979	52	38	38	25
2022	48	121	165	206	1,184	993	59	40	44	24

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the domestic investors (cont'd)

End of year

Year	Administrative and support service activities				Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Public administration; Private households	Not allocated
	Total	Rental and leasing activities	Travel agency, tour operator and other reservation service and related activities	Office administrative, office support and other business support activities						
	60	61	62	63	64	65	66	67	68	69
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	3,685	1,564	794	1,257	28	38	362	1,330	11,887	4,830
2020	3,879	1,695	778	1,311	27	52	273	1,666	9,432	4,933
2021	24,086	2,045	783	21,197	35	147	334	2,425	8,347	41
2022	27,424	2,576	769	24,002	43	166	334	2,932	8,171	.
Liabilities of Outward direct investment relations										
2019	826	588	62	171	0	2	5	6	1,304	72
2020	851	605	93	150	2	2	1	7	1,352	51
2021	1,180	606	110	461	7	6	8	6	391	99
2022	1,005	647	102	249	7	13	8	8	388	.
Primary direct investment stocks (accumulated)										
2019	2,859	976	732	1,086	27	36	357	1,324	10,583	4,758
2020	3,028	1,090	685	1,161	25	51	272	1,659	8,080	4,881
2021	22,906	1,439	673	20,736	29	141	326	2,418	7,956	139
2022	26,419	1,928	666	23,753	36	153	325	2,924	7,783	.
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	3,677	1,564	791	1,252	28	32	302	1,357	11,468	4,957
2020	3,654	1,465	806	1,289	27	58	165	2,001	9,010	5,050
2021	23,782	1,815	713	21,192	35	154	226	2,425	7,951	50
2022	26,823	2,046	698	24,002	43	173	225	2,932	7,778	.
Liabilities of Outward direct investment relations										
2019	826	588	62	171	0	2	26	6	1,305	72
2020	852	605	93	151	2	13	22	7	1,350	51
2021	1,167	606	95	462	7	18	28	6	389	99
2022	990	647	88	249	7	25	29	8	376	.
Primary and secondary direct investment stocks (accumulated)										
2019	2,851	975	730	1,081	27	30	277	1,351	10,163	4,885
2020	2,801	860	713	1,138	25	45	143	1,994	7,660	4,998
2021	22,615	1,209	618	20,730	29	136	198	2,418	7,562	49
2022	25,833	1,398	610	23,753	36	148	197	2,924	7,403	.
Number of investors										
2019	105	24	13	61	5	6	9	9	623	10
2020	115	24	14	69	5	9	8	11	598	12
2021	111	21	16	66	7	8	10	8	577	3
2022	113	22	16	67	7	10	10	9	563	.

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the foreign investment enterprises

End of year

Year	All economic activities	Agriculture, forestry and fishing	Mining and quarrying			Manufacturing						
			Total	of which		Total	Manufacture of food products	Manufacture of beverages	Manufacture of tobacco products	Manufacture of textiles		
1	2	3		4	5						6	7	8	9	10
				Extraction of crude petroleum and natural gas	Other mining and quarrying							
Primary domestic direct investment abroad in € million												
Receivables of Outward direct investment relations												
2019	1,896,579	3,658	6,412	5,489	.	314,521	8,629	862	293	1,743		
2020	1,924,168	3,721	6,507	5,660	746	308,584	8,573	518	252	1,647		
2021	2,152,917	4,331	9,435	8,377	962	368,784	8,979	551	270	1,820		
2022	2,242,688	5,322	.	6,857	883	372,008	9,611	575	227	1,887		
Liabilities of Outward direct investment relations												
2019	510,309	70	1,725	1,024	.	73,787	1,896	59	-	223		
2020	527,080	138	1,810	1,519	264	76,119	1,851	203	-	173		
2021	569,717	161	5,216	4,513	675	94,504	1,668	208	-	325		
2022	609,167	234	.	7,914	1,147	93,734	1,552	202	-	287		
Primary direct investment stocks (accumulated)												
2019	1,386,269	3,588	4,687	4,465	.	240,734	6,733	803	293	1,520		
2020	1,397,088	3,583	4,697	4,142	483	232,465	6,723	314	252	1,475		
2021	1,583,201	4,170	4,219	3,863	287	274,279	7,311	343	270	1,495		
2022	1,633,521	5,089	.	1,058	-	278,275	8,059	373	227	1,600		
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹												
Receivables of Outward direct investment relations												
2019	1,909,730	3,905	28,267	5,545	.	540,283	14,576	979	293	2,673		
2020	1,821,865	4,836	16,374	5,711	10,401	529,602	13,965	633	288	2,487		
2021	2,072,238	4,997	20,420	8,557	11,611	620,203	15,770	680	270	2,813		
2022	2,178,810	5,959	.	7,216	12,541	649,822	17,063	702	227	2,953		
Liabilities of Outward direct investment relations												
2019	519,230	79	1,762	1,024	.	77,008	3,325	59	-	234		
2020	515,776	138	1,831	1,519	285	86,439	3,221	53	-	173		
2021	570,045	173	5,217	4,514	676	105,877	3,176	208	-	335		
2022	632,953	237	.	7,915	1,148	106,800	3,144	202	-	302		
Primary and secondary direct investment stocks (accumulated)												
2019	1,390,500	3,826	26,505	4,522	.	463,275	11,251	920	293	2,439		
2020	1,306,090	4,697	14,543	4,192	10,116	443,162	10,744	580	288	2,315		
2021	1,502,193	4,824	15,203	4,044	10,935	514,326	12,594	472	270	2,478		
2022	1,545,857	5,722	.	698	11,392	543,021	13,919	500	227	2,651		
Key indicators of enterprises abroad												
Number												
2019	40,982	268	211	36	.	11,018	454	57	10	201		
2020	41,411	300	199	41	120	11,166	461	47	10	198		
2021	43,156	346	189	42	109	11,352	467	49	10	201		
2022	43,535	356	.	40	110	11,484	464	48	10	205		
Employees in thousands												
2019	8,027	21	34	6	.	3,960	109	15	5	43		
2020	7,948	23	29	5	17	3,939	118	5	5	43		
2021	8,140	24	26	6	13	4,013	124	5	4	43		
2022	8,232	23	.	3	13	4,035	122	5	4	45		
Annual turnover in € million												
2019	3,315,352	4,897	14,070	4,888	.	1,257,329	31,367	3,902	1,444	5,509		
2020	2,987,882	4,829	10,934	3,735	6,149	1,144,407	34,052	1,572	1,431	4,878		
2021	3,427,593	4,867	13,296	6,828	5,411	1,313,244	37,764	1,630	1,236	5,695		
2022	3,821,783	5,620	.	8,557	6,143	1,450,761	40,138	1,807	1,365	6,307		

¹ Consolidated secondary direct investments are secondary capital relations of investments held by Germans in enterprises abroad by dependent holding companies domiciled abroad.

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the foreign investment enterprises (cont'd)

End of year

Manufacturing (cont'd)

Year	Manufacture of wearing apparel	Manufacture of leather and related products	Manufacture of articles of straw and plaiting materials	Manufacture of wood and of products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	Manufacture of paper and paper products	Printing and reproduction of recorded media	Manufacture of coke and refined petroleum products	Manufacture of chemicals and chemical products	Manufacture of basic pharmaceuticals and pharmaceutical preparations	Manufacture of rubber and plastic products	Manufacture of other non-metallic mineral products
	11	12	13	14	15	16	17	18	19	20	
Primary domestic direct investment abroad in € million											
Receivables of Outward direct investment relations											
2019	270	852	592	3,153	979	1,032	44,771	29,122	10,778	15,465	
2020	294	822	598	3,105	903	1,047	41,333	28,605	10,401	14,884	
2021	231	920	602	3,184	1,076	1,169	62,490	34,665	11,274	16,380	
2022	240	922	724	3,343	1,158	1,295	63,090	28,028	11,094	17,014	
Liabilities of Outward direct investment relations											
2019	339	71	13	144	68	31	10,254	4,377	1,905	2,517	
2020	504	78	16	174	68	73	10,179	6,015	2,148	2,845	
2021	369	86	16	184	88	109	20,356	8,620	2,087	3,244	
2022	331	93	18	236	103	107	20,676	6,288	1,854	3,178	
Primary direct investment stocks (accumulated)											
2019	–	68	781	579	3,009	911	1,002	34,517	24,745	8,873	12,948
2020	–	210	744	582	2,931	835	974	31,154	22,590	8,254	12,040
2021	–	139	834	586	3,000	988	1,060	42,134	26,045	9,188	13,136
2022	–	92	830	706	3,107	1,055	1,189	42,414	21,740	9,240	13,836
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹											
Receivables of Outward direct investment relations											
2019	515	852	592	3,885	2,478	2,686	106,392	41,973	20,227	26,051	
2020	455	822	598	3,888	2,413	2,535	101,838	40,512	19,944	24,495	
2021	519	920	602	3,984	2,197	2,895	130,787	48,842	21,671	28,385	
2022	731	922	747	4,128	2,275	3,071	133,680	42,273	22,639	28,893	
Liabilities of Outward direct investment relations											
2019	339	71	13	159	405	34	11,888	4,559	2,148	2,641	
2020	504	78	16	198	417	73	12,151	6,085	2,417	2,929	
2021	474	86	16	214	195	109	22,624	8,847	2,449	3,282	
2022	331	93	27	266	195	107	23,458	6,466	2,218	3,217	
Primary and secondary direct investment stocks (accumulated)											
2019	176	781	579	3,726	2,073	2,652	94,505	37,415	18,079	23,410	
2020	–	49	744	582	3,690	1,996	2,462	89,686	34,427	17,527	21,565
2021	45	834	586	3,770	2,002	2,786	108,163	39,994	19,221	25,103	
2022	400	830	720	3,861	2,080	2,964	110,221	35,807	20,421	25,676	
Key indicators of enterprises abroad											
Number											
2019	43	40	40	173	119	50	1,305	309	1,002	615	
2020	42	35	41	180	115	52	1,338	310	988	574	
2021	42	36	39	181	110	51	1,314	320	988	600	
2022	39	34	42	181	113	54	1,320	332	989	600	
Employees in thousands											
2019	27	24	8	35	19	7	251	152	196	148	
2020	24	21	8	37	17	7	253	145	190	154	
2021	24	25	8	37	18	7	256	145	195	162	
2022	26	23	9	38	18	8	257	148	198	159	
Annual turnover in € million											
2019	1,628	1,896	1,164	9,328	3,483	11,740	162,391	46,649	47,067	38,656	
2020	1,072	1,522	1,358	9,066	3,134	8,481	148,358	47,571	41,840	34,630	
2021	1,488	1,670	1,445	9,597	3,905	12,980	196,149	50,724	47,628	39,489	
2022	2,428	1,707	1,707	10,213	3,939	13,614	211,224	53,327	53,913	38,889	

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the foreign investment enterprises (cont'd)

End of year

Manufacturing (cont'd)

Year	21	22	23	24	25	26	27	28	29	30
	Manufacture of basic metals	Manufacture of fabricated metal products, except machinery and equipment	Manufacture of electronic components and boards	Manufacture of computer and peripheral equipment	Manufacture of communication equipment; manufacture of consumer electronics	Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks, electro-medical and electrotherapeutic equipment	Manufacture of optical instruments and photographic equipment; manufacture of magnetic and optical media	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers
	21	22	23	24	25	26	27	28	29	30
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	8,247	12,170	4,514	224	556	13,604	2,412	19,280	38,023	84,595
2020	8,999	12,283	4,561	316	509	14,526	2,455	21,372	37,625	79,857
2021	10,255	13,348	4,806	12,593	479	15,604	2,665	23,665	42,041	86,057
2022	6,324	14,406	5,185	923	511	19,236	3,244	24,011	53,448	90,085
Liabilities of Outward direct investment relations										
2019	1,546	874	2,272	26	190	2,727	219	2,437	7,794	31,840
2020	2,116	960	2,242	573	166	3,731	221	3,304	8,973	26,864
2021	1,979	994	2,769	6,480	176	4,433	451	2,877	9,880	24,611
2022	852	1,400	2,888	213	174	6,277	501	3,529	12,622	27,212
Primary direct investment stocks (accumulated)										
2019	6,701	11,296	2,242	198	366	10,877	2,193	16,842	30,228	52,755
2020	6,883	11,323	2,319	256	343	10,795	2,234	18,068	28,652	52,994
2021	8,276	12,353	2,036	6,113	303	11,170	2,215	20,788	32,161	61,446
2022	5,472	13,006	2,297	710	338	12,959	2,743	20,482	40,825	62,872
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	9,457	16,832	9,599	266	1,257	35,171	2,887	31,229	55,046	139,296
2020	10,406	15,510	10,438	2,587	968	36,934	2,843	32,836	54,051	132,368
2021	12,201	18,552	11,716	14,792	964	47,808	3,232	34,221	60,021	139,614
2022	8,134	20,356	12,079	4,175	1,002	52,409	3,732	34,341	69,582	164,340
Liabilities of Outward direct investment relations										
2019	1,664	1,644	2,284	43	348	2,786	243	2,555	8,852	28,775
2020	2,234	1,256	2,276	590	186	3,824	221	3,400	9,877	31,516
2021	2,126	1,808	2,820	6,492	199	4,509	458	3,001	10,588	29,252
2022	970	1,319	2,954	250	199	6,312	512	3,669	13,150	34,177
Primary and secondary direct investment stocks (accumulated)										
2019	7,793	15,188	7,315	223	909	32,385	2,644	28,674	46,194	110,521
2020	8,172	14,255	8,162	1,998	782	33,110	2,622	29,435	44,174	100,852
2021	10,076	16,744	8,895	8,301	765	43,299	2,774	31,219	49,433	110,362
2022	7,163	19,037	9,126	3,925	803	46,097	3,220	30,673	56,432	130,164
Key indicators of enterprises abroad										
Number										
2019	238	931	160	18	55	538	80	746	1,919	1,503
2020	227	924	167	98	50	563	81	766	1,940	1,534
2021	223	936	168	120	55	587	87	791	1,977	1,540
2022	237	942	171	49	55	590	87	815	2,114	1,524
Employees in thousands										
2019	63	186	100	9	11	163	31	405	426	1,400
2020	61	183	99	23	10	165	31	384	432	1,391
2021	62	182	104	29	11	185	34	396	443	1,378
2022	54	182	111	16	11	192	35	411	478	1,347
Annual turnover in € million										
2019	21,895	35,757	15,486	1,087	2,492	53,710	5,221	71,582	111,621	544,026
2020	21,767	34,111	14,754	9,839	2,284	49,915	5,088	63,718	103,739	469,738
2021	28,060	38,400	19,465	10,614	2,551	55,979	6,504	72,028	117,595	521,973
2022	27,416	40,225	23,852	3,781	2,598	59,118	7,145	81,487	140,983	590,320

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the foreign investment enterprises (cont'd)

End of year

Year	Manufacturing (cont'd)			Electricity, gas, steam and air conditioning supply	Water supply, sewerage, waste management and remediation activities		Construction	Wholesale and retail trade; repair of motor vehicles and motorcycles	Transportation and storage	
	Manufacture of other transport equipment	Manufacture of furniture	Other manufacturing; repair and installation of machinery and equipment		Total	of which			Total	of which
						Waste collection, treatment and disposal activities; materials recovery					Air transport
	31	32	33	34	35	36	37	38	39	40
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	9,946	485	1,922	21,761	.	1,587	2,441	176,885	18,649	233
2020	10,403	558	2,136	15,158	1,869	1,525	2,611	180,520	18,305	157
2021	10,891	617	2,151	33,384	.	1,700	2,882	198,350	22,531	185
2022	12,202	640	2,586	66,776	2,035	1,794	3,569	220,853	23,805	204
Liabilities of Outward direct investment relations										
2019	1,637	23	305	8,108	.	89	637	38,351	7,071	176
2020	1,661	52	929	4,466	199	197	535	48,608	7,720	117
2021	1,461	44	988	23,701	.	193	637	42,836	9,360	98
2022	1,964	52	1,127	45,310	240	238	629	45,327	10,646	135
Primary direct investment stocks (accumulated)										
2019	8,309	463	1,618	13,653	.	1,497	1,804	138,534	11,578	57
2020	8,742	506	1,207	10,691	1,670	1,328	2,076	131,912	10,585	39
2021	9,430	573	1,164	9,683	.	1,507	2,245	155,513	13,171	88
2022	10,238	588	1,459	21,466	1,795	1,556	2,940	175,526	13,160	69
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	11,811	485	2,772	56,511	.	1,910	4,144	264,186	31,665	2,435
2020	12,319	558	2,911	45,348	2,328	1,813	4,267	274,169	31,029	2,035
2021	13,019	619	3,111	66,324	.	2,073	4,915	292,475	36,594	1,392
2022	14,995	644	3,728	101,735	3,194	2,744	5,835	323,034	39,801	1,647
Liabilities of Outward direct investment relations										
2019	1,604	23	313	16,032	.	89	637	41,694	7,185	177
2020	1,665	52	1,027	8,750	220	199	540	52,057	7,888	118
2021	1,474	44	1,091	30,139	.	194	665	46,776	9,657	98
2022	1,975	52	1,236	52,062	344	281	876	49,098	10,924	135
Primary and secondary direct investment stocks (accumulated)										
2019	10,207	463	2,459	40,479	.	1,820	3,506	222,492	24,480	2,259
2020	10,653	506	1,884	36,598	2,107	1,614	3,727	222,112	23,141	1,917
2021	11,545	575	2,019	36,184	.	1,879	4,250	245,699	26,937	1,294
2022	13,021	592	2,491	49,672	2,850	2,463	4,959	273,935	28,877	1,512
Key indicators of enterprises abroad										
Number										
2019	201	46	165	1,057	.	154	557	11,613	1,652	128
2020	215	45	165	1,086	206	163	529	11,630	1,588	41
2021	237	50	173	1,131	.	179	551	12,029	1,727	97
2022	239	50	180	1,151	269	225	556	12,196	1,727	99
Employees in thousands										
2019	72	19	37	61	.	16	119	1,795	566	30
2020	79	19	36	57	18	15	106	1,830	568	24
2021	78	20	38	55	.	17	99	1,873	588	24
2022	81	21	38	52	41	38	106	1,866	589	25
Annual turnover in € million										
2019	20,919	1,421	5,888	162,776	.	5,466	34,871	1,107,806	129,894	17,584
2020	23,263	1,404	5,820	89,542	5,622	5,020	29,696	1,045,565	115,213	4,446
2021	21,730	1,447	5,498	136,434	.	7,084	31,076	1,175,612	144,612	5,648
2022	25,278	1,702	6,277	247,540	10,696	9,881	35,213	1,266,403	164,531	8,365

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the foreign investment enterprises (cont'd)

End of year

Year	Transportation and storage (cont'd)		Information and communication					Financial and insurance activities		
	of which	Warehousing and support service activities for transportation	Total	of which				Total	Monetary intermediation	Holding companies without management function
				Publishing activities	Programming and broadcasting activities	Telecommunications	Computer programming, consultancy and related activities			
	41	42	43	44	45	46	47	48	49	50
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	9,277	2,599	40,305	740	1,714	16,041	20,125	870,074	72,828	601,220
2020	9,355	3,402	27,422	634	417	2,099	22,931	883,070	65,744	629,663
2021	12,174	2,908	33,991	663	724	2,279	27,502	998,560	65,427	713,096
2022	13,333	2,957	38,300	658	824	3,009	30,708	1,008,570	66,113	725,671
Liabilities of Outward direct investment relations										
2019	3,563	191	16,750	148	1,264	1,533	13,391	319,273	3,734	31,999
2020	3,761	118	18,763	172	909	2,705	14,562	318,207	3,671	37,679
2021	5,189	354	23,696	903	1,254	1,430	19,341	322,567	994	30,336
2022	5,826	363	25,548	970	796	1,175	21,674	336,333	1,291	28,191
Primary direct investment stocks (accumulated)										
2019	5,714	2,409	23,554	592	450	14,508	6,734	550,801	69,094	569,221
2020	5,594	3,284	8,659	462	492	606	8,368	564,862	62,072	591,984
2021	6,985	2,553	10,295	–	240	–	530	675,992	64,433	682,760
2022	7,507	2,595	12,752	–	312	–	29	672,237	64,821	697,480
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	14,529	3,442	113,296	3,012	4,501	44,505	50,050	661,380	76,035	102,423
2020	14,581	3,999	84,106	3,080	2,146	15,880	51,584	631,949	76,276	91,772
2021	18,837	3,582	97,700	3,790	3,032	16,043	60,721	745,115	77,311	160,136
2022	21,108	3,633	103,983	3,926	3,617	13,150	67,049	738,588	78,811	155,558
Liabilities of Outward direct investment relations										
2019	3,649	220	27,486	459	3,580	1,539	17,613	332,657	3,734	2,176
2020	3,879	208	27,550	175	1,288	2,705	19,191	315,298	3,688	1,460
2021	5,361	474	34,622	975	1,794	1,430	24,898	322,325	1,015	2,488
2022	6,024	482	38,968	1,045	2,375	1,178	27,613	349,478	1,291	2,907
Primary and secondary direct investment stocks (accumulated)										
2019	10,881	3,222	85,810	2,553	921	42,966	32,437	328,723	72,301	100,247
2020	10,702	3,790	56,556	2,905	858	13,175	32,393	316,650	72,588	90,312
2021	13,477	3,108	63,078	2,815	1,238	14,614	35,823	422,790	76,296	157,647
2022	15,084	3,151	65,015	2,881	1,242	11,972	39,436	389,110	77,520	152,651
Key indicators of enterprises abroad										
Number										
2019	846	220	1,436	205	92	148	832	5,692	282	2,628
2020	872	167	1,409	158	90	80	909	5,862	290	2,729
2021	930	178	1,532	179	84	90	978	6,081	286	2,848
2022	937	180	1,565	179	81	91	1,020	5,915	254	2,847
Employees in thousands										
2019	279	81	405	28	9	97	242	302	69	0
2020	288	48	361	25	9	38	260	313	70	0
2021	301	56	414	27	11	35	290	319	68	0
2022	313	57	430	27	7	32	312	319	64	0
Annual turnover in € million										
2019	63,777	5,798	145,758	7,118	5,317	54,142	67,389	330,320	26,351	2,785
2020	62,842	2,530	97,302	6,552	4,842	11,811	63,150	332,758	25,792	2,902
2021	80,467	2,733	107,959	7,036	6,105	12,770	68,412	370,099	29,586	4,242
2022	92,600	2,919	103,644	7,305	5,624	11,044	72,841	388,533	31,603	3,472

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the foreign investment enterprises (cont'd)

End of year

Year	Financial and insurance activities				Real estate activities	Professional, scientific and technical activities				
	Funds	Trusts, funds and similar financial entities	Insurance, reinsurance and pension funds (excl. social security)	Activities auxiliary to financial services and insurance activities		Total	of which	Activities of head offices (holding companies with management function)	Architectural and engineering activities and related technical consultancy	Technical testing and analysis	Scientific research and development
	51	52	53	54	55	56	57	58	59	60
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	40,732	10,374	42,789	10,206	40,830	360,853	352,435	1,581	1,013	1,439
2020	47,446	13,870	38,215	10,491	41,323	396,029	388,432	1,589	959	1,451
2021	56,514	24,317	42,859	11,033	50,172	385,025	376,067	1,897	950	1,989
2022	56,405	18,700	41,296	11,063	51,948	394,212	384,868	1,727	1,022	1,792
Liabilities of Outward direct investment relations										
2019	77	653	19,448	1,995	1,901	37,548	33,617	490	89	425
2020	109	970	21,275	2,217	1,978	44,236	40,801	657	93	397
2021	235	1,258	20,531	2,565	1,371	40,147	35,799	774	89	458
2022	229	1,536	21,072	3,085	1,179	35,500	30,528	804	103	536
Primary direct investment stocks (accumulated)										
2019	40,655	9,721	23,342	8,211	38,929	323,304	318,818	1,090	924	1,014
2020	47,338	12,900	16,940	8,274	39,345	351,793	347,631	932	866	1,054
2021	56,279	23,059	22,328	8,468	48,801	344,878	340,268	1,122	861	1,531
2022	56,175	17,164	20,224	7,978	50,769	358,712	354,341	923	919	1,256
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	41,771	17,141	95,974	16,410	57,536	92,896	77,621	2,116	1,682	1,940
2020	48,509	19,816	91,907	16,794	61,137	83,714	67,440	2,923	1,666	2,074
2021	57,952	31,187	102,543	18,050	74,965	47,277	26,300	3,127	1,709	2,626
2022	57,805	25,492	92,711	19,159	78,701	44,462	23,609	3,089	1,743	2,355
Liabilities of Outward direct investment relations										
2019	77	653	19,709	2,167	2,011	7,228	2,847	518	182	444
2020	109	988	21,829	2,324	2,053	7,234	3,205	679	187	409
2021	235	1,317	21,067	2,785	1,929	5,246	342	837	197	459
2022	229	1,666	21,483	3,099	1,623	6,265	488	884	179	704
Primary and secondary direct investment stocks (accumulated)										
2019	41,694	16,488	76,266	14,243	55,525	85,668	74,774	1,597	1,500	1,496
2020	48,400	18,827	70,078	14,470	59,084	76,480	64,235	2,244	1,479	1,665
2021	57,717	29,869	81,475	15,266	73,036	42,031	25,958	2,290	1,512	2,167
2022	57,575	23,826	71,228	16,060	77,078	38,198	23,121	2,205	1,563	1,650
Key indicators of enterprises abroad										
Number										
2019	336	159	517	491	2,266	1,812	642	234	206	144
2020	410	208	514	491	2,203	1,838	622	243	207	157
2021	426	254	524	504	2,491	1,951	674	260	210	174
2022	364	169	518	509	2,501	1,944	688	252	216	175
Employees in thousands										
2019	0	3	129	54	10	166	23	27	42	24
2020	1	3	125	57	10	170	22	26	42	27
2021	1	3	134	62	12	180	23	26	43	32
2022	1	3	136	67	14	181	26	26	43	33
Annual turnover in € million										
2019	1,319	4,122	181,915	18,081	10,444	29,800	5,299	6,612	4,063	4,065
2020	1,987	4,145	176,072	17,116	10,604	30,229	6,631	5,753	3,775	4,196
2021	2,575	6,303	200,422	18,839	11,937	34,758	8,519	5,980	3,914	4,699
2022	2,945	15,754	201,506	19,666	12,769	35,851	10,141	5,852	4,064	5,204

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic foreign direct investment abroad

b) Direct investment and important key indicators of enterprises abroad broken down by economic activity of the foreign investment enterprises (cont'd)

End of year

Year	Administrative and support service activities					Education	Human health and social work activities	Arts, entertainment and recreation	Public administration	Other service activities
	Advertising, market research and public opinion polling	Total	of which							
			Rental and leasing activities	Travel agency, tour operator and other reservation service and related activities	Office administrative, office support and other business support activities					
	61	62	63	64	65	66	67	68	69	70
Primary domestic direct investment abroad in € million										
Receivables of Outward direct investment relations										
2019	1,032	24,854	20,204	1,720	2,488	.	10,165	285	.	382
2020	833	24,762	20,323	1,185	2,828	46	10,102	285	.	380
2021	849	28,619	21,188	1,826	5,124	.	11,069	417	.	411
2022	1,204	30,829	23,324	1,807	5,111	.	12,204	423	.	412
Liabilities of Outward direct investment relations										
2019	690	4,570	2,602	1,605	307	.	113	39	.	61
2020	661	3,640	1,789	1,453	308	19	427	19	.	72
2021	850	4,311	2,375	1,528	320	.	451	68	-	84
2022	1,184	4,285	2,152	1,523	522	.	536	70	-	88
Primary direct investment stocks (accumulated)										
2019	341	20,283	17,602	115	2,182	.	10,053	247	.	320
2020	173	21,122	18,535	267	2,520	27	9,675	266	.	308
2021	-	24,308	18,813	298	4,804	.	10,618	349	.	327
2022	20	26,543	21,172	284	4,590	.	11,668	353	.	324
Primary and secondary domestic direct investment abroad (consolidated) in € million ¹										
Receivables of Outward direct investment relations										
2019	1,593	34,858	28,700	2,663	3,104	.	14,109	395	.	440
2020	1,379	33,379	27,313	2,055	3,518	208	14,504	378	.	469
2021	1,416	37,291	28,937	1,856	5,859	.	16,556	448	.	487
2022	1,816	40,204	31,498	1,836	6,091	.	17,899	454	.	495
Liabilities of Outward direct investment relations										
2019	748	4,804	2,604	1,606	344	.	162	59	.	61
2020	716	4,943	1,829	2,498	348	34	449	65	.	72
2021	910	4,718	2,542	1,592	343	.	1,727	93	-	84
2022	1,238	4,698	2,306	1,586	556	.	1,751	96	-	93
Primary and secondary direct investment stocks (accumulated)										
2019	846	30,053	26,096	1,058	2,760	.	13,948	336	.	379
2020	663	28,436	25,483	443	3,170	174	14,055	313	.	397
2021	506	32,573	26,395	264	5,517	.	14,829	355	.	403
2022	577	35,506	29,192	250	5,535	.	16,148	358	.	401
Key indicators of enterprises abroad										
Number										
2019	184	1,066	453	137	366	.	1,814	54	.	43
2020	196	1,075	452	145	380	22	2,029	60	.	40
2021	181	1,074	445	142	397	.	2,166	62	.	42
2022	193	1,140	479	144	424	.	2,195	63	.	43
Employees in thousands										
2019	16	319	31	31	72	.	155	7	.	6
2020	17	290	30	26	74	5	168	6	.	6
2021	16	278	32	30	85	.	166	6	.	6
2022	17	304	40	29	95	.	171	6	.	6
Annual turnover in € million										
2019	4,144	51,138	25,778	14,253	6,363	.	20,832	2,048	.	1,066
2020	3,869	44,104	24,877	8,317	7,038	517	21,655	1,374	.	950
2021	3,146	46,138	27,125	4,592	10,465	.	24,264	1,027	.	1,024
2022	3,341	51,584	30,804	5,166	11,248	.	26,600	1,183	.	1,113

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of domestic investors

End of year; in € million

Year	All economic activities	of which					Wholesale and retail trade; repair of motor vehicles and motorcycles	Financial and insurance activities		Activities of head offices; management consultancy activities (holding companies with management function)
		Manufacturing						Total	of which	
		Total	Manufacture of chemicals and chemical products	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers					Holding companies without management function
1	2	3	4	5	6	7	8	9	10	
All countries										
2019	1,390,500	350,404	75,552	26,360	22,259	116,864	31,656	729,235	531,093	213,858
2020	1,306,090	343,757	67,898	21,750	40,615	106,646	30,487	665,495	461,818	207,339
2021	1,502,193	401,571	89,689	18,627	43,645	130,411	37,322	740,721	496,940	240,398
2022	1,545,857	397,728	94,353	19,144	49,531	99,723	44,434	766,231	514,552	245,733
Europe										
2019	694,255	133,929	14,066	14,058	9,604	23,017	23,987	411,764	300,408	108,178
2020	658,884	126,810	14,386	12,576	18,677	8,068	23,721	388,145	275,735	106,539
2021	740,461	150,332	27,144	8,080	19,364	17,796	29,937	414,453	270,523	118,146
2022	754,586	156,450	28,430	9,096	20,409	8,543	34,440	408,604	259,853	124,072
EU member states										
2019	459,666	93,430	7,049	7,070	6,937	14,673	16,561	290,002	202,054	70,483
2020	464,570	87,967	8,164	6,844	15,119	1,138	16,244	293,641	200,679	67,815
2021	523,406	109,272	20,447	2,432	15,057	8,857	20,646	301,062	183,079	78,384
2022	541,960	110,695	21,543	4,851	16,284	1,251	23,858	307,623	182,738	83,604
of which: Austria										
2019	42,868	8,421	.	25	498	3,634	2,178	19,999	16,974	7,082
2020	43,875	10,242	461	37	475	4,700	2,001	18,391	15,370	7,730
2021	45,535	.	.	25	441	4,830	2,335	18,481	15,345	7,320
2022	47,892	.	514	80	446	5,080	2,405	19,519	15,984	7,473
Belgium										
2019	31,993	4,596	821	44	155	.	276	20,293	18,562	6,190
2020	19,136	2,937	752	42	108	602	268	8,643	7,250	6,926
2021	17,249	428	23	0	79	.	444	8,927	7,643	7,437
2022	18,860	657	1,267	26	170	4,051	950	10,744	8,815	7,623
Czech Republic										
2019	28,588	9,522	249	291	515	6,218	531	10,146	8,695	.
2020	25,501	8,839	253	146	556	5,633	519	9,687	8,472	4,748
2021	29,743	10,127	266	332	647	6,517	683	12,662	9,247	.
2022	29,751	9,732	277	322	757	5,802	728	13,087	9,437	.
Denmark										
2019	6,926	1,352	98	30	376	176	283	2,449	2,325	2,426
2020	7,193	1,441	58	17	594	106	314	2,593	2,435	2,433
2021	9,046	1,542	39	62	722	69	369	3,540	2,848	3,051
2022	9,258	1,352	57	28	334	123	384	3,099	2,407	3,853
France										
2019	49,641	10,231	.	349	1,205	4,192	2,041	27,251	19,382	7,102
2020	50,578	10,218	1,606	305	1,547	3,443	2,811	26,738	18,867	7,850
2021	56,762	9,534	.	329	1,378	2,478	.	28,251	19,686	12,258
2022	57,556	11,031	.	353	1,577	3,335	.	29,255	20,350	9,766
Hungary										
2019	20,192	8,478	169	154	317	.	318	5,368	4,561	.
2020	17,718	6,502	165	157	321	4,607	301	4,796	4,020	5,622
2021	18,370	7,029	196	185	320	.	358	5,276	4,352	.
2022	19,250	7,187	183	215	397	.	391	5,292	4,659	.
Ireland										
2019	23,505	1,431	121	10	24	.	580	21,829	18,568	2,509
2020	22,924	2,160	157	.	24	2,895	762	20,479	17,404	5,198
2021	20,607	3,420	123	.	37	.	776	20,358	16,480	5,398
2022	14,199	8,234	5,808	.	49	.	822	21,223	17,039	5,714
Italy										
2019	43,950	9,313	.	625	1,131	.	1,316	19,867	12,390	10,761
2020	48,659	12,998	1,374	3,818	1,331	3,978	1,449	19,043	11,039	12,249
2021	51,523	14,089	.	3,469	1,500	.	1,681	20,928	11,337	12,102
2022	54,179	15,866	.	3,483	1,712	.	1,809	22,224	12,113	11,533

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of domestic investors (cont'd)

End of year, in € million

Year	All economic activities	of which								Activities of head offices; management consultancy activities (holding companies with management function)
		Manufacturing					Wholesale and retail trade; repair of motor vehicles and motorcycles	Financial and insurance activities		
		Total	of which					Total	of which	
			Manufacture of chemical and chemical products	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers					Holding companies without management function
11	12	13	14	15	16	17	18	19	20	
Luxembourg										
2019	96,528	14,098	.	.	46	5,280	7	69,780	23,532	.
2020	104,007	12,326	2,176	.	112	3,382	10	79,370	26,634	6,982
2021	122,763	4,155	.	.	380	1,185	.	108,705	39,687	.
2022	118,887	3,909	.	.	.	1,634	.	103,779	29,804	.
Netherlands										
2019	- 48,320	- 3,261	- 4,264	- 3,785	351	.	3,900	15,940	13,509	.
2020	- 44,584	- 10,616	- 3,589	- 5,498	1,281	- 34,065	2,864	20,878	19,060	- 27,415
2021	- 34,256	15,595	8,546	- 5,565	899	.	3,309	13,335	- 16,823	- 26,397
2022	- 16,857	16,304	14,673	- 3,675	1,416	.	3,337	- 5,256	- 9,030	- 21,885
Poland										
2019	37,620	7,776	594	740	594	.	1,411	18,673	13,359	6,911
2020	36,720	7,721	547	722	623	2,708	1,418	17,225	12,618	7,607
2021	39,375	8,178	625	607	769	.	1,620	17,884	13,520	8,583
2022	44,059	11,558	945	935	873	.	1,923	18,232	13,913	8,781
Portugal										
2019	4,516	1,093	122	98	130	442	230	2,345	2,018	.
2020	4,609	1,076	145	43	219	351	256	2,163	1,857	880
2021	4,883	861	160	33	184	173	.	2,283	1,950	.
2022	5,046	821	166	27	231	68	.	2,475	2,155	1,033
Romania										
2019	10,914	2,484	273	191	147	.	1,294	4,723	4,640	.
2020	11,408	2,617	318	185	165	1,307	1,354	4,480	4,386	2,346
2021	12,904	3,129	439	205	155	.	1,265	5,033	4,929	.
2022	12,367	2,940	270	199	139	.	1,287	4,879	4,786	.
Slovakia										
2019	9,052	2,560	67	270	130	1,520	167	4,465	4,164	1,603
2020	8,530	2,082	77	123	120	1,189	147	4,113	3,814	1,935
2021	9,008	2,112	80	126	170	1,143	170	4,537	4,189	1,876
2022	9,280	2,053	88	152	286	873	213	4,979	4,633	1,728
Spain										
2019	39,550	12,168	1,274	3,006	754	.	1,193	11,900	9,091	.
2020	40,308	14,078	1,423	1,636	6,467	2,580	942	11,089	8,123	10,847
2021	44,864	16,340	1,563	1,827	6,430	.	1,108	13,153	8,793	11,938
2022	45,333	16,679	1,408	1,850	6,565	.	1,243	13,516	9,725	11,360
Sweden										
2019	24,909	2,094	590	269	321	477	358	11,894	11,314	10,219
2020	24,828	2,734	731	271	947	427	340	12,857	12,445	8,399
2021	26,809	2,658	686	315	748	.	285	12,773	12,384	10,204
2022	29,367	2,616	586	371	482	.	267	13,407	12,989	11,750
Other European countries										
2019	179,763	27,316	3,424	6,796	1,651	7,289	3,417	98,599	78,662	30,000
2020	138,504	24,275	2,455	5,712	2,822	6,145	3,325	69,098	53,237	30,795
2021	151,865	27,081	2,982	5,526	2,808	7,692	4,071	80,178	59,133	30,448
2022	155,819	31,823	3,243	4,125	2,926	8,408	4,342	77,253	57,815	30,568
of which: Norway										
2019	7,384	902	459	- 18	107	77	124	3,797	.	.
2020	8,023	664	429	- 17	119	24	110	4,710	4,232	2,153
2021	9,868	959	459	- 14	367	24	124	5,596	5,173	.
2022	5,758	756	467	1	143	24	137	1,726	1,290	.
Russian Federation										
2019	25,504	8,951	924	1,268	319	2,259	1,325	8,492	7,760	.
2020	21,106	6,734	717	1,027	415	1,553	1,591	6,657	6,005	4,731
2021	22,778	7,883	854	1,363	443	1,695	.	6,401	5,697	.
2022	21,938	6,847	860	363	480	1,303	.	6,066	5,183	4,975

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of domestic investors (cont'd)

End of year; in € million

Year	All economic activities	of which								
		Manufacturing					Wholesale and retail trade; repair of motor vehicles and motorcycles	Financial and insurance activities		Activities of head offices; management consultancy activities (holding companies with management function)
		Total	of which					Total	of which	
			Manufacture of chemicals and chemical products	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers					Holding companies without management function
21	22	23	24	25	26	27	28	29	30	
Switzerland										
2019	46,466	12,281	.	211	907	.	3,884	18,682	16,268	5,128
2020	46,883	13,907	3,338	38	616	3,038	4,043	19,872	17,468	5,692
2021	54,189	13,009	.	136	1,133	.	5,096	26,590	22,950	6,583
2022	49,702	13,152	.	119	1,054	.	6,102	20,865	17,712	7,148
Turkey										
2019	9,198	3,950	297	780	457	.	.	1,649	.	2,071
2020	8,179	3,570	275	677	386	1,336	163	1,557	1,360	2,104
2021	7,210	3,032	211	645	325	.	195	1,489	.	1,801
2022	8,924	3,348	212	605	338	.	228	2,014	.	2,198
United Kingdom										
2019	133,601	12,648	1,993	4,460	825	.	1,615	81,150	64,212	21,221
2020	97,380	12,271	1,305	3,744	1,967	2,727	1,412	53,963	41,011	21,338
2021	108,123	14,233	1,734	3,177	1,970	4,401	1,983	64,248	46,286	20,742
2022	114,442	19,524	2,064	2,777	2,035	5,127	.	63,019	46,627	22,118
Africa										
2019	11,980	4,472	922	284	351	2,054	105	4,432	3,185	.
2020	11,461	4,204	589	241	452	2,160	96	3,680	2,427	2,680
2021	12,058	4,309	524	228	509	2,365	142	3,850	2,654	.
2022	13,003	4,699	566	197	547	2,642	153	4,048	2,808	.
of which: South Africa										
2019	7,445	3,329	476	61	244	1,922	45	2,804	1,911	980
2020	7,829	3,239	326	84	252	2,020	53	2,347	1,610	1,914
2021	6,981	3,194	241	91	294	2,160	87	2,243	1,587	1,217
2022	7,820	3,512	298	92	302	2,390	90	2,609	1,831	1,234
America										
2019	471,439	116,014	44,121	3,451	5,254	43,897	3,564	241,000	177,413	73,157
2020	422,298	119,274	37,890	2,945	13,006	47,369	3,513	197,550	131,692	66,665
2021	505,882	140,909	44,518	2,707	13,413	57,585	3,888	235,444	164,226	82,801
2022	512,132	126,687	46,648	2,823	17,697	35,790	6,334	249,885	176,526	81,121
of which: Argentina										
2019	3,299	1,704	124	23	24	1,256	145	768	758	579
2020	2,835	1,415	79	18	32	1,000	149	540	535	613
2021	3,999	1,827	122	20	53	1,267	237	846	840	878
2022	4,784	2,249	180	25	.	1,592	253	933	925	.
Brazil										
2019	21,233	6,638	820	328	457	2,868	41	8,493	7,892	.
2020	17,414	4,796	665	81	635	1,824	127	6,581	6,109	5,088
2021	19,051	6,172	864	104	806	2,491	.	6,130	5,559	5,380
2022	22,445	6,521	.	113	943	.	197	7,588	6,767	.
Canada										
2019	21,159	3,538	1,304	122	354	.	344	13,352	9,110	2,325
2020	19,518	3,533	1,176	72	504	1,163	282	11,659	6,990	2,389
2021	22,451	3,820	1,367	63	479	.	312	13,231	8,425	2,964
2022	23,166	4,315	1,275	131	544	.	411	13,485	8,849	2,814
Mexico										
2019	18,252	9,118	1,776	454	374	4,944	1,113	4,008	.	.
2020	16,764	7,960	1,567	345	427	4,291	1,178	3,827	3,311	3,106
2021	20,310	10,474	1,949	.	774	5,960	1,242	3,761	.	.
2022	24,360	11,676	2,419	.	787	6,399	1,627	4,716	4,027	.
United States										
2019	391,827	92,966	39,240	2,495	3,917	.	1,459	205,121	147,552	59,443
2020	349,744	99,559	33,686	2,412	11,178	38,818	1,394	164,545	103,931	53,420
2021	425,126	116,423	39,508	2,191	11,098	46,120	1,513	203,117	134,696	67,027
2022	424,466	99,590	41,005	2,069	15,110	23,308	3,342	217,347	147,060	63,022

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of domestic investors (cont'd)

End of year; in € million

Year	All economic activities	of which										
		Manufacturing					Wholesale and retail trade; repair of motor vehicles and motorcycles	Financial and insurance activities		Activities of head offices; management consultancy activities (holding companies with management function)		
		Total	of which					Total	of which			
			Manufacture of chemicals and chemical products	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers					Holding companies without management function	
31	32	33	34	35	36	37	38	39	40			
Asia												
2019	194,198	91,285	14,613	8,313	6,923	46,305	3,393	62,659	44,008	27,151		
2020	194,348	88,734	13,288	5,712	8,328	47,452	2,590	66,498	45,998	27,746		
2021	220,148	101,046	15,824	7,369	10,128	50,874	2,593	74,255	51,486	32,600		
2022	242,680	104,607	17,183	6,737	10,501	50,712	2,905	91,319	67,743	33,548		
of which: China												
2019	89,923	55,572	6,336	6,108	4,035	32,892	553	21,917	18,721	10,424		
2020	92,096	55,901	6,204	4,698	4,698	33,751	620	23,329	18,823	10,827		
2021	106,722	63,899	7,421	5,865	5,889	37,068	.	27,820	22,315	12,736		
2022	122,413	62,387	8,072	5,312	6,104	34,730	752	44,615	38,904	12,670		
Hong Kong												
2019	5,809	2,550	538	–	138	105	1,303	–	178	2,029	1,663	934
2020	6,945	2,691	527	–	57	77	1,528	162	2,530	1,930	1,106	
2021	9,993	3,814	568	–	270	103	2,226	–	90	4,373	3,388	1,441
2022	7,913	3,574	486	–	2	44	2,223	.	2,824	1,759	998	
India												
2019	19,070	8,194	1,587	–	1,229	829	.	7,002	3,860	.		
2020	19,237	7,227	1,543	–	262	965	3,016	173	7,862	4,561	2,528	
2021	21,369	8,479	1,781	–	302	1,228	.	.	8,428	4,520	.	
2022	23,869	9,597	1,844	–	584	1,488	.	136	9,424	5,369	.	
Japan												
2019	15,480	6,102	833	–	106	302	4,373	731	6,519	4,756	1,807	
2020	16,634	5,700	584	–	63	327	4,233	361	7,641	5,414	2,621	
2021	15,846	5,839	.	–	42	611	3,893	354	6,428	4,894	2,779	
2022	16,454	6,458	967	–	44	349	4,371	334	6,396	5,030	2,759	
Korea, Republic of												
2019	12,489	3,304	649	–	206	289	1,566	.	6,768	5,891	1,689	
2020	13,438	3,827	563	–	205	334	2,132	377	7,190	6,292	1,676	
2021	13,505	3,320	698	–	201	380	1,374	.	7,071	6,216	2,291	
2022	15,058	4,308	797	–	267	385	2,199	.	7,368	6,420	2,548	
Malaysia												
2019	7,050	2,980	.	–	101	68	.	44	2,052	1,234	.	
2020	6,363	2,612	445	–	145	45	242	28	1,686	938	1,913	
2021	6,570	2,889	.	–	121	.	.	.	1,580	923	.	
2022	7,037	3,162	.	–	63	.	.	.	1,629	946	.	
Singapore												
2019	18,500	5,046	1,426	–	158	733	658	.	9,346	2,913	.	
2020	16,210	3,872	1,188	–	145	938	597	182	9,133	2,910	2,667	
2021	19,119	5,091	1,312	–	147	945	751	.	10,594	3,130	.	
2022	20,061	5,838	1,345	–	125	1,018	630	282	10,775	2,853	2,659	
United Arab Emirates												
2019	6,160	889	224	–	.	117	.	.	.	.	.
2020	5,213	735	157	–	7	124	223	257	730	483	467	
2021	6,191	843	120	–	.	148	.	271	664	547	1,080	
2022	6,000	1,151	176	–	.	152	.	359	784	623	685	
Australia, Oceania and Polar regions												
2019	18,629	4,704	1,830	–	254	128	1,590	608	9,381	6,080	.	
2020	19,100	4,735	1,745	–	276	152	1,597	565	9,622	5,965	3,709	
2021	23,644	4,974	1,679	–	243	230	1,791	763	12,719	8,050	.	
2022	23,456	5,284	1,527	–	291	378	2,036	601	12,375	7,622	.	
of which: Australia												
2019	17,550	4,570	.	–	242	125	1,560	387	8,966	5,680	3,213	
2020	18,173	4,620	1,681	–	267	149	1,574	329	9,333	5,683	3,432	
2021	22,080	4,816	.	–	.	222	1,741	484	11,925	7,262	.	
2022	22,043	5,125	1,462	–	.	371	1,982	571	11,547	6,802	4,355	

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of foreign investment enterprises

End of year, in € million

Year	All economic activities	of which								Wholesale and retail trade; repair of motor vehicles and motorcycles
		Manufacturing								
		Total	Manufacture of chemicals and chemical products	Manufacture of basic pharmaceutical products and pharmaceutical preparations	Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks, electro-medical and electrotherapeutic equipment	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers	Electricity, gas, steam and air conditioning supply	
1	2	3	4	5	6	7	8	9	10	
All countries										
2019	1,390,500	463,275	94,505	37,415	32,385	28,674	46,194	110,521	40,479	222,492
2020	1,306,090	443,162	89,686	34,427	33,110	29,435	44,174	100,852	36,598	222,112
2021	1,502,193	514,326	108,163	39,994	43,299	31,219	49,433	110,362	36,184	245,699
2022	1,545,857	543,021	110,221	35,807	46,097	30,673	56,432	130,164	49,672	273,935
Europe										
2019	694,255	184,453	23,838	12,003	8,848	14,240	19,764	41,267	36,696	118,785
2020	658,884	179,309	25,396	12,403	8,123	16,790	17,729	35,536	33,417	119,646
2021	740,461	201,748	28,154	13,130	8,364	16,845	19,769	40,520	32,604	126,767
2022	754,586	204,434	28,379	13,340	9,412	16,741	21,096	43,080	45,787	137,486
EU member states										
2019	459,666	136,325	16,450	8,202	6,343	10,094	13,825	35,019	22,921	73,102
2020	464,570	134,198	16,867	8,770	5,550	12,879	12,667	30,948	18,835	76,527
2021	523,406	145,646	18,800	9,053	5,663	12,975	14,256	35,157	19,646	80,453
2022	541,960	157,713	19,280	9,557	6,836	13,494	15,596	37,313	24,074	87,737
of which: Austria										
2019	42,868	11,127	540	1,876	316	1,747	1,313	.	1,017	8,771
2020	43,875	12,484	966	2,337	316	1,999	1,280	1,854	722	8,833
2021	45,535	13,296	1,706	2,286	312	1,895	1,281	.	820	7,984
2022	47,892	14,131	1,088	2,486	320	1,907	1,542	.	741	8,653
Belgium										
2019	31,993	6,562	2,974	.	289	159	400	.	149	2,551
2020	19,136	7,122	3,050	54	284	156	434	588	.	3,840
2021	17,249	6,872	.	53	253	145	415	.	.	3,404
2022	18,860	9,147	.	51	589	74	448	.	.	4,121
Czech Republic										
2019	28,588	14,423	347	186	177	584	922	7,225	3,132	3,871
2020	25,501	13,577	354	237	169	480	969	6,454	1,146	4,122
2021	29,743	15,221	425	275	248	552	1,075	.	3,107	4,458
2022	29,751	14,209	442	280	271	477	1,176	.	3,089	4,955
Denmark										
2019	6,926	2,109	132	.	84	7	568	50	158	1,853
2020	7,193	2,068	151	22	85	2	588	.	407	2,043
2021	9,046	2,243	113	22	49	35	672	.	519	2,099
2022	9,258	2,138	132	28	46	-	539	.	.	2,221
France										
2019	49,641	15,582	.	1,817	872	1,700	1,587	1,639	1,673	9,412
2020	50,578	15,054	2,454	1,443	929	1,753	1,423	1,873	1,262	10,521
2021	56,762	15,816	.	2,047	985	1,399	1,765	1,270	1,876	11,178
2022	57,556	17,172	3,260	1,916	1,086	1,809	1,853	1,417	1,794	12,715
Hungary										
2019	20,192	11,808	324	.	826	406	674	.	1,898	2,111
2020	17,718	9,820	162	.	727	460	616	5,886	1,827	2,019
2021	18,370	10,529	197	.	787	523	636	.	.	2,120
2022	19,250	11,410	226	.	1,227	583	660	.	.	2,088
Ireland										
2019	23,505	1,645	498	109	.	138	15	.	66	951
2020	22,924	1,637	533	109	.	131	14	65	34	914
2021	20,607	1,510	509	100	.	172	14	209	48	909
2022	14,199	1,591	600	148	.	157	38	156	45	907
Italy										
2019	43,950	13,313	.	798	523	702	2,204	3,483	1,453	.
2020	48,659	17,321	1,723	1,002	548	4,210	2,369	3,585	1,385	9,823
2021	51,523	17,803	.	828	564	3,859	2,393	4,070	1,454	10,412
2022	54,179	18,543	.	892	649	3,924	2,489	4,721	1,532	12,021

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of foreign investment enterprises (cont'd)

End of year; in € million

Year	Information and Communication	Financial and insurance activities				Real estate activities	Activities of head offices; management consultancy activities (holding companies with management function)	Administrative and support service activities		
		Total	of which	Monetary intermediation	Holding companies without management function				Insurance and reinsurance, Pension funding	Activities auxiliary to financial services and insurance activities
	11	12	13	14	15	16	17	18		
All countries										
2019	85,810	328,723	72,301	100,247	76,266	14,243	55,525	74,774	30,053	
2020	56,556	316,650	72,588	90,312	70,078	14,470	59,084	64,235	28,436	
2021	63,078	422,790	76,296	157,647	81,475	15,266	73,036	25,958	32,573	
2022	65,015	389,110	77,520	152,651	71,228	16,060	77,078	23,121	35,506	
Europe										
2019	23,202	146,171	43,849	55,594	33,941	6,791	41,277	73,321	24,498	
2020	23,682	132,214	38,892	62,262	29,597	6,351	45,456	63,422	23,606	
2021	24,636	206,004	41,379	127,279	32,279	7,267	56,756	24,648	26,598	
2022	21,185	199,525	40,458	120,994	26,399	7,025	58,934	21,720	28,259	
EU member states										
2019	18,922	53,464	25,785	46,471	29,140	5,382	37,409	72,009	21,121	
2020	19,355	64,475	23,345	51,128	26,414	5,162	41,572	62,674	21,026	
2021	20,172	132,558	25,444	116,224	26,089	5,755	51,736	24,289	23,752	
2022	16,951	130,807	25,243	112,748	21,153	5,480	53,364	20,999	25,409	
of which: Austria										
2019	3,834	9,381	797	2,101	650	17	4,700	-	2	2,875
2020	4,597	8,158	852	1,830	571	5	4,959	98	2,668	
2021	4,094	8,249	.	2,008	688	18	5,170	176	4,224	
2022	3,855	9,482	.	1,991	397	73	5,410	19	4,259	
Belgium										
2019	621	6,187	.	57	2,113	59	1,433	.	1,719	
2020	548	3,546	.	6	1,289	4	1,517	107	1,697	
2021	348	.	.	52	1,826	3	1,735	.	1,607	
2022	863	344	.	23	2,642	3	1,675	.	1,714	
Czech Republic										
2019	1,115	2,042	216	-	307	11	2,525	21	284	
2020	1,088	1,538	3	7	319	16	2,200	18	359	
2021	1,081	1,412	15	3	340	10	2,652	17	361	
2022	1,254	1,448	40	-	337	14	2,729	17	374	
Denmark										
2019	169	829	-	433	.	.	884	.	370	
2020	143	504	.	401	-	176	1,021	361	384	
2021	105	1,016	.	560	.	.	1,838	.	414	
2022	109	1,708	.	.	.	.	1,698	.	539
France										
2019	1,473	10,965	1,977	5,750	3,911	176	6,468	43	1,972	
2020	1,295	10,861	2,124	5,517	2,768	168	7,169	49	2,071	
2021	2,502	13,005	2,179	6,277	3,154	183	7,440	471	1,705	
2022	2,665	7,668	2,355	3,755	1,608	295	7,529	2,520	2,871	
Hungary										
2019	1,563	459	224	4	.	.	839	34	114	
2020	1,291	476	203	4	235	.	800	.	129	
2021	1,520	472	198	.	.	.	940	.	163	
2022	1,627	370	130	4	191	.	959	.	167	
Ireland										
2019	255	10,930	1,641	35	3,504	659	1,406	.	771	
2020	-	514	191	56	2,972	564	1,531	.	763	
2021	-	1,421	9,390	7	2,129	590	1,821	.	764	
2022	-	3,888	5,558	8	2,393	450	1,804	.	637	
Italy										
2019	16	12,641	3,726	1,011	4,965	615	1,094	262	3,699	
2020	229	12,564	3,781	1,034	4,668	616	1,438	283	3,992	
2021	295	12,262	3,983	.	4,950	628	2,641	308	4,641	
2022	754	11,796	4,430	885	3,952	675	2,575	323	4,863	

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of foreign investment enterprises (cont'd)

End of year; in € million

All economic activities	of which									
	Manufacturing								Electricity, gas, steam and air conditioning supply	Wholesale and retail trade; repair of motor vehicles and motorcycles
	Total	Manufacture of chemicals and chemical products	Manufacture of basic pharmaceutical products and pharmaceutical preparations	Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks, electro-medical and electrotherapeutic equipment	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers			
20	21	22	23	24	25	26	27	28	29	
Luxembourg										
2019	96,528	174	.	.	.	28	462	.	117	233
2020	104,007	200	.	.	.	28	573	.	177	214
2021	122,763	732	.	.	.	38	417	.	81	336
2022	118,887	479	.	.	.	49	846	.	127	343
Netherlands										
2019	- 48,320	10,877	.	146	1,203	931	918	.	1,766	.
2020	- 44,584	9,385	2,185	200	435	331	950	144	374	5,481
2021	- 34,256	10,136	.	141	296	323	494	.	898	5,442
2022	- 16,857	13,342	.	158	314	340	977	.	2,720	5,731
Poland										
2019	37,620	15,090	793	227	283	429	1,368	3,963	1,530	7,015
2020	36,720	14,262	690	242	274	413	1,375	3,854	1,672	7,296
2021	39,375	15,394	900	.	293	464	1,435	4,028	1,783	8,519
2022	44,059	18,732	1,082	.	316	520	1,798	5,739	1,914	9,549
Portugal										
2019	4,516	1,501	153	.	6	.	100	283	83	1,718
2020	4,609	1,757	154	.	71	129	61	410	101	1,500
2021	4,883	1,389	150	.	54	44	54	238	136	1,038
2022	5,046	1,293	150	.	70	44	21	118	135	1,074
Romania										
2019	10,914	4,754	333	17	90	632	221	.	.	3,472
2020	11,408	4,892	353	36	91	684	188	1,876	669	3,910
2021	12,904	5,255	525	12	109	750	189	.	647	4,753
2022	12,367	5,010	231	13	118	778	225	.	.	4,719
Slovakia										
2019	9,052	4,675	52	.	66	528	254	2,375	.	.
2020	8,530	4,001	40	.	66	288	240	2,048	.	1,314
2021	9,008	4,470	59	.	75	393	244	2,195	.	1,372
2022	9,280	4,836	83	.	81	374	314	1,876	.	1,417
Spain										
2019	39,550	12,425	.	1,437	1,027	1,601	1,298	2,761	839	6,615
2020	40,308	10,551	1,739	1,399	928	1,277	164	2,029	954	5,703
2021	44,864	14,262	.	1,711	972	1,833	1,767	2,419	863	7,146
2022	45,333	13,605	.	1,867	1,040	2,023	1,283	2,527	880	7,557
Sweden										
2019	24,909	2,982	673	.	74	14	524	.	.	2,362
2020	24,828	2,661	823	.	71	15	540	84	8,304	2,762
2021	26,809	3,293	726	.	85	16	511	.	7,401	2,795
2022	29,367	4,801	653	.	86	17	400	.	.	2,881
Other European countries										
2019	179,763	31,995	3,539	1,310	1,959	2,809	2,842	5,739	13,505	26,979
2020	138,504	27,805	2,968	941	1,908	2,680	2,584	4,225	14,190	23,995
2021	151,865	30,822	3,701	1,052	2,041	2,289	2,525	4,861	12,266	27,639
2022	155,819	27,570	3,790	1,267	1,968	1,885	2,598	5,115	20,913	29,694
of which: Norway										
2019	7,384	.	.	.	.	.	186	.	271	2,335
2020	8,023	1,132	662	.	22	.	135	.	391	1,900
2021	9,868	1,673	.	.	23	.	361	.	510	2,240
2022	5,758	1,303	.	.	9	12	185	.	509	2,086
Russian Federation										
2019	25,504	9,424	.	477	420	161	777	1,616	1,706	.
2020	21,106	7,019	789	401	374	179	659	729	1,983	7,775
2021	22,778	.	.	463	437	158	648	901	1,929	.
2022	21,938	.	.	602	383	184	566	454	1,910	7,700

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of foreign investment enterprises (cont'd)

End of year; in € million

Year	Information and Communication	Financial and insurance activities					Real estate activities	Activities of head offices; management consultancy activities (holding companies with management function)	Administrative and support service activities
		Total	of which	Monetary intermediation	Holding companies without management function	Insurance and reinsurance, Pension funding				Activities auxiliary to financial services and insurance activities
	30	31	32	33	34	35	36	37	38
Luxembourg									
2019	577	87,155	11,858	17,430	1,014	3,058	3,341	.	332
2020	811	93,199	10,903	16,966	1,087	3,117	4,310	3,398	443
2021	438	101,637	11,091	16,830	686	3,564	6,901	11,615	667
2022	689	104,162	10,487	16,960	896	3,633	7,511	6,327	685
Netherlands									
2019	2,380	- 122,804	- 1,381	17,673	- 71	87	2,173	46,824	1,751
2020	3,263	- 121,865	- 881	23,923	- 270	51	2,691	50,592	1,715
2021	1,581	- 62,871	- 213	88,287	- 422	79	3,490	3,437	1,442
2022	26	- 52,003	- 90	87,410	- 452	60	3,870	3,833	1,173
Poland									
2019	2,470	6,487	3,527	-	1,672	62	2,742	.	396
2020	2,208	5,825	3,238	-	1,891	67	2,802	-	829
2021	2,145	5,464	2,658	-	2,035	84	2,943	.	1,041
2022	2,155	5,095	2,515	-	1,748	73	3,154	.	1,105
Portugal									
2019	58	477	41	195	.	.	340	.	108
2020	58	490	34	6	.	.	356	.	120
2021	96	776	30	294	.	.	952	.	131
2022	75	.	77	222	.	.	1,122	.	148
Romania									
2019	156	585	.	.	131	44	730	.	60
2020	131	506	.	.	136	44	755	.	66
2021	540	521	.	.	135	16	585	-	72
2022	142	413	.	.	.	6	642	-	86
Slovakia									
2019	1,073	1,179	.	378	382	7	628	-	49
2020	1,100	1,108	.	371	382	10	646	-	77
2021	1,078	1,042	.	.	.	.	670	-	84
2022	1,122	884	.	377	.	.	657	-	86
Spain									
2019	455	.	.	1,284	.	26	3,150	.	2,353
2020	500	11,097	2,183	1,052	665	9	3,354	147	2,419
2021	645	10,517	.	827	513	20	3,980	114	2,868
2022	910	9,833	.	699	6	29	4,172	154	3,312
Sweden									
2019	176	8,245	57	116	- 360	78	2,896	.	114
2020	201	6,592	64	156	- 561	127	3,896	84	78
2021	226	7,178	1,299	84	- 711	113	5,291	70	169
2022	212	7,497	1,865	118	- 711	- 29	5,130	53	173
Other European countries									
2019	2,627	82,429	17,095	6,209	1,629	1,060	2,772	295	2,450
2020	3,033	58,407	14,664	8,142	707	907	2,600	295	1,700
2021	2,954	63,152	14,752	7,764	3,395	1,087	3,555	302	1,916
2022	2,708	59,803	13,948	6,666	2,508	1,082	3,648	335	1,906
of which: Norway									
2019	28	1,781	51	11	.	.	170	-	77
2020	25	1,773	.	8	43	.	160	-	49
2021	47	1,926	.	93	.	.	194	-	82
2022	52	1,939	.	78	.	.	222	-	95
Russian Federation									
2019	374	2,204	.	-	235	11	386	-	372
2020	276	1,920	780	-	212	10	222	-	285
2021	269	2,379	842	-	226	.	204	-	332
2022	291	2,234	1,098	.	189	.	285	-	313

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of foreign investment enterprises (cont'd)

End of year; in € million

Year	All economic activities	of which								Wholesale and retail trade; repair of motor vehicles and motorcycles
		Manufacturing							Electricity, gas, steam and air conditioning supply	
		Total	Manufacture of chemicals and chemical products	Manufacture of basic pharmaceutical products and pharmaceutical preparations	Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks, electro-medical and electrotherapeutic equipment	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers		
	39	40	41	42	43	44	45	46	47	48
Switzerland										
2019	46,466	14,633	3,165	2,501	520	.	2,910	272	0	16,364
2020	46,883	15,983	4,898	2,723	643	1,222	2,343	229	1	17,220
2021	54,189	23,318	4,810	3,047	636	.	2,627	.	181	16,431
2022	49,702	17,350	4,663	2,542	598	1,351	2,715	.	290	17,965
Turkey										
2019	9,198	3,931	644	.	72	221	534	.	547	2,162
2020	8,179	3,640	484	.	39	206	536	1,273	452	1,934
2021	7,210	3,336	581	.	37	203	476	.	382	1,701
2022	8,924	3,761	759	.	26	192	524	.	409	.
United Kingdom										
2019	133,601	13,873	.	514	1,424	2,006	1,510	2,475	11,236	13,910
2020	97,380	12,129	1,447	184	1,441	1,886	1,361	1,750	11,740	12,726
2021	108,123	12,789	.	183	1,512	1,424	1,356	2,243	9,939	16,470
2022	114,442	12,619	.	176	1,513	989	1,434	2,631	18,578	.
Africa										
2019	11,980	6,902	1,074	57	88	171	338	.	.	1,851
2020	11,461	6,083	886	49	83	170	287	2,887	35	1,645
2021	12,058	5,877	.	57	156	204	312	.	39	2,063
2022	13,003	6,446	833	64	162	240	346	.	35	2,211
of which: South Africa										
2019	7,445	4,711	627	.	72	51	309	.	-	999
2020	7,829	4,312	537	.	61	71	236	2,790	-	939
2021	6,981	4,189	449	.	85	90	267	.	-	1,122
2022	7,820	4,717	501	.	83	112	308	.	.	.
America										
2019	471,439	166,870	47,876	20,070	18,838	4,346	15,609	32,443	2,443	57,082
2020	422,298	153,876	43,585	16,591	19,488	3,769	15,254	28,136	1,754	53,527
2021	505,882	190,143	55,758	20,873	29,280	4,008	16,314	30,978	1,894	61,254
2022	512,132	198,122	56,811	16,617	29,950	4,115	20,996	33,007	2,165	76,274
of which: Argentina										
2019	3,299	1,935	305	59	12	72	62	1,324	.	569
2020	2,835	1,619	252	.	27	66	61	1,068	-	550
2021	3,999	2,156	340	.	27	74	.	1,423	-	781
2022	4,784	2,700	376	.	40	66	68	1,846	-	932
Brazil										
2019	21,233	14,992	3,366	1,257	223	.	1,038	6,481	0	1,654
2020	17,414	11,989	2,563	900	251	653	1,172	5,202	-	1,305
2021	19,051	13,207	3,320	1,017	314	711	1,405	4,943	.	1,714
2022	22,445	15,273	.	1,305	383	742	1,624	.	-	2,303
Canada										
2019	21,159	5,555	1,209	1,347	20	454	831	.	110	3,275
2020	19,518	4,992	1,012	924	38	495	765	433	56	3,078
2021	22,451	6,055	1,308	1,066	57	511	773	.	75	4,099
2022	23,166	5,485	1,183	1,084	84	629	379	.	217	5,154
Mexico										
2019	18,252	13,506	2,859	270	928	.	225	6,606	.	2,180
2020	16,764	11,629	2,425	273	867	1,041	178	5,103	.	2,261
2021	20,310	14,354	.	367	945	700	182	7,418	.	2,873
2022	24,360	16,722	3,339	.	1,093	721	302	8,110	.	3,360
United States										
2019	391,827	127,709	39,048	16,164	17,615	1,716	13,339	17,395	2,117	46,663
2020	349,744	120,434	36,345	13,308	18,264	1,443	12,949	16,194	1,542	43,743
2021	425,126	150,802	46,964	17,018	27,908	1,936	13,722	16,131	1,617	48,981
2022	424,466	153,872	46,993	12,082	28,304	1,867	18,355	16,551	1,633	61,513

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of foreign investment enterprises (cont'd)

End of year; in € million

Year	Information and Communication	Financial and insurance activities				Real estate activities	Activities of head offices; management consultancy activities (holding companies with management function)	Administrative and support service activities	
		Total	of which	Monetary intermediation	Holding companies without management function				Insurance and reinsurance, Pension funding	Activities auxiliary to financial services and insurance activities
	49	50	51	52	53	54	55	56	
Switzerland									
2019	1,625	7,818	918	2,902	2,532	261	.	1,018	850
2020	1,269	6,852	785	2,984	1,738	255	1,123	453	830
2021	1,464	7,528	1,062	3,198	.	.	.	57	.
2022	1,475	6,137	1,129	1,502	.	.	.	385	.
Turkey									
2019	123	1,127	.	-	493	52	278	.	164
2020	127	985	.	.	425	43	155	.	176
2021	147	731	.	.	245	54	98	.	178
2022	151	1,198	.	-	715	128	75	.	237
United Kingdom									
2019	2,086	76,332	15,030	6,043	883	974	937	77	1,783
2020	2,593	52,183	12,779	7,343	43	837	903	63	1,121
2021	2,473	56,734	12,935	7,057	2,891	1,002	1,814	69	1,287
2022	2,195	53,844	12,069	6,038	1,580	929	1,835	102	1,245
Africa									
2019	-	300	.	155	936	5	35	.	208
2020	-	354	93	334	810	6	49	17	173
2021	-	195	.	631	689	17	41	2	159
2022	-	46	.	637	836	18	41	2	162
of which: South Africa									
2019	149	956	.	66	697	.	26	.	97
2020	150	784	.	72	555	.	40	-	82
2021	148	703	.	86	389	-	.	-	65
2022	223	832	.	.	497	-	33	-	70
America									
2019	58,090	138,303	20,420	40,520	29,142	3,314	10,915	772	4,192
2020	28,312	139,886	25,736	24,767	25,948	4,340	10,269	745	3,743
2021	33,561	167,380	26,922	26,673	30,956	4,319	11,978	672	4,178
2022	38,117	138,901	29,141	27,973	25,272	5,259	13,721	712	5,399
of which: Argentina									
2019	72	115	-	.	.	-	.	-	.
2020	101	189	-	2	.	-	.	-	.
2021	162	214	-	3	.	-	.	-	.
2022	196	254	-	3	.	-	.	-	.
Brazil									
2019	364	3,047	1,110	333	575	77	22	37	99
2020	233	2,863	846	249	1,029	70	22	11	86
2021	315	2,776	945	126	898	63	23	-	123
2022	371	3,082	1,161	57	1,272	52	18	.	380
Canada									
2019	545	5,626	.	312	3,136	13	805	22	97
2020	543	6,418	.	324	3,234	14	778	-	148
2021	868	6,850	.	426	3,420	24	639	-	174
2022	915	6,273	.	492	3,109	31	701	-	195
Mexico									
2019	157	548	.	-	221	43	513	-	599
2020	137	1,036	.	17	186	40	393	-	588
2021	135	1,373	.	.	241	35	284	-	678
2022	134	1,412	.	.	215	150	976	-	880
United States									
2019	56,798	123,115	21,665	38,867	20,611	3,067	9,385	.	3,186
2020	27,066	122,561	27,098	22,942	17,245	4,108	8,899	490	2,738
2021	31,689	150,939	31,055	24,906	21,963	4,062	10,775	455	2,978
2022	36,098	126,250	33,268	26,809	16,723	4,884	11,765	479	3,671

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of foreign investment enterprises (cont'd)

End of year; in € million

Year	All economic activities									
	of which									Wholesale and retail trade; repair of motor vehicles and motorcycles
	Manufacturing									
Total	of which								Electricity, gas, steam and air conditioning supply	
	Manufacture of chemicals and chemical products	Manufacture of basic pharmaceutical products and pharmaceutical preparations	Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks, electro-medical and electrotherapeutic equipment	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers				
58	59	60	61	62	63	64	65	66	67	
Asia										
2019	194,198	101,527	20,550	5,260	4,447	9,554	10,346	33,482	1,105	38,484
2020	194,348	100,219	18,483	5,358	5,254	8,341	10,751	34,076	1,196	40,588
2021	220,148	111,608	22,075	5,907	5,342	9,879	12,781	35,813	1,484	48,135
2022	242,680	129,330	22,908	5,760	6,379	9,372	13,770	50,564	1,511	50,320
of which: China										
2019	89,923	61,378	8,922	1,864	2,570	6,400	6,592	25,977	.	14,476
2020	92,096	62,789	8,321	2,145	2,857	5,186	7,095	27,293	.	15,234
2021	106,722	71,157	10,213	2,593	2,771	6,783	8,711	28,749	.	19,779
2022	122,413	85,991	10,470	2,544	2,986	6,142	9,206	43,147	.	.
Hong Kong										
2019	5,809	.	108	-	102	41	75	.	-	3,629
2020	6,945	569	87	-	121	75	90	16	.	4,348
2021	9,993	741	236	-	127	61	122	.	.	6,163
2022	7,913	877	362	-	96	8	161	.	.	4,225
India										
2019	19,070	10,864	1,722	428	153	2,140	1,850	.	.	1,504
2020	19,237	10,269	1,581	351	393	1,960	1,837	1,813	.	1,566
2021	21,369	11,587	1,843	478	411	2,036	2,162	.	.	1,794
2022	23,869	13,007	1,934	465	650	2,238	2,454	.	-	2,141
Japan										
2019	15,480	7,094	.	1,982	346	5	410	2,903	1	4,926
2020	16,634	6,912	856	1,941	425	53	386	2,624	22	5,249
2021	15,846	6,985	776	1,822	395	210	359	2,763	53	5,345
2022	16,454	6,957	.	1,700	651	200	348	2,555	70	.
Korea, Republic of										
2019	12,489	4,707	1,933	.	324	200	874	605	-	3,162
2020	13,438	4,745	2,091	.	382	185	740	572	-	3,829
2021	13,505	4,907	2,457	.	392	177	755	492	.	3,307
2022	15,058	5,056	2,393	.	388	217	821	599	.	4,273
Malaysia										
2019	7,050	4,053	717	.	114	287	119	.	-	797
2020	6,363	3,500	532	.	109	319	128	93	.	828
2021	6,570	3,701	737	.	117	294	119	.	.	.
2022	7,037	3,903	779	.	125	229	96	.	.	1,065
Singapore										
2019	18,500	3,997	2,599	-	300	73	104	.	.	4,641
2020	16,210	3,157	1,687	.	325	65	151	.	193	4,197
2021	19,119	3,288	1,690	-	337	72	174	.	246	4,655
2022	20,061	3,398	1,747	-	465	34	191	.	234	5,094
United Arab Emirates										
2019	6,160	452	142	-	16	95	62	.	270	1,446
2020	5,213	415	123	-	16	122	54	.	.	1,272
2021	6,191	388	84	-	18	122	.	.	.	.
2022	6,000	294	71	-	20	93	.	.	.	.
Australia, Oceania and Polar regions										
2019	18,629	3,522	1,167	25	164	363	136	.	.	6,289
2020	19,100	3,676	1,336	26	163	364	153	217	197	6,706
2021	23,644	4,951	.	26	157	284	257	.	164	7,481
2022	23,456	4,689	1,290	26	194	204	224	.	174	7,645
of which: Australia										
2019	17,550	3,302	1,059	.	164	344	119	257	.	5,745
2020	18,173	3,461	1,246	.	163	347	137	217	197	6,228
2021	22,080	4,346	1,313	.	157	267	236	222	164	6,908
2022	22,043	4,079	1,212	.	194	186	202	250	174	7,261

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Domestic direct investment abroad

c) Primary and secondary direct investment broken down by country of investment and economic activity of foreign investment enterprises (cont'd)

End of year; in € million

Year	Information and communication	Financial and insurance activities					Real estate activities	Activities of head offices; management consultancy activities (holding companies with management function)	Administrative and support service activities
		Total	of which						
		Monetary intermediation	Holding companies without management function	Insurance and reinsurance, Pension funding	Activities auxiliary to financial services and insurance activities				
	68	69	70	71	72	73	74	75	76
Asia									
2019	4,553	35,703	.	3,944	7,874	3,288	2,608	657	1,150
2020	4,621	36,014	7,435	2,847	9,433	2,975	2,584	481	922
2021	4,887	39,264	7,427	2,955	12,269	2,829	2,884	635	1,591
2022	5,579	41,052	.	2,948	14,181	2,908	2,905	687	1,656
of which: China									
2019	516	11,913	1,534	5	1,336	403	633	8	456
2020	402	12,284	1,482	12	2,726	430	178	8	449
2021	347	13,283	1,538	12	3,879	579	209	0	1,043
2022	724	13,637	1,683	.	3,920	604	223	3	1,071
Hong Kong									
2019	68	829	.	411	281	496	-	.	66
2020	85	1,097	- 292	454	230	433	.	131	67
2021	44	1,831	.	503	321	533	.	130	78
2022	59	1,582	.	530	335	611	.	.	81
India									
2019	1,180	4,713	.	.	1,109	863	-	.	70
2020	1,762	4,778	.	.	1,267	822	.	.	68
2021	1,738	5,141	.	.	1,541	599	.	.	73
2022	2,018	5,570	.	.	1,732	598	.	.	64
Japan									
2019	275	2,385	39	443	179	326	246	-	22
2020	279	2,899	15	305	278	140	642	-	18
2021	186	2,237	122	34	267	154	430	-	14
2022	66	1,893	41	34	172	142	409	-	67
Korea, Republic of									
2019	116	3,970	.	-	60	225	192	-	.
2020	121	4,208	.	-	90	205	210	-	.
2021	317	4,333	.	-	106	185	.	-	.
2022	363	4,642	.	-	173	153	.	-	.
Malaysia									
2019	194	1,708	.	-	1,174	30	2	-	38
2020	119	1,711	.	-	1,120	28	.	-	25
2021	124	1,555	.	-	1,097	22	15	-	16
2022	121	1,632	.	-	1,152	23	.	-	11
Singapore									
2019	161	6,743	.	2,911	1,826	667	1,481	.	244
2020	173	5,722	2,043	1,759	2,173	652	1,354	230	80
2021	289	7,257	.	.	3,468	537	1,588	373	121
2022	335	7,619	.	2,048	3,981	565	1,597	400	88
United Arab Emirates									
2019	1,147	344	.	4	.	66	-	.	73
2020	1,002	318	.	2	.	71	-	5	67
2021	904	411	.	.	.	76	-	17	71
2022	888	.	.	.	.	69	-	.	82
Australia, Oceania and Polar regions									
2019	266	6,837	.	34	4,373	844	689	-	6
2020	295	6,783	.	102	4,289	799	726	-	8
2021	189	8,036	.	109	5,283	833	1,376	-	48
2022	180	7,469	.	99	4,540	850	1,477	-	30
of which: Australia									
2019	250	6,724	.	6	4,371	802	626	-	1
2020	289	6,714	.	102	4,288	757	655	-	15
2021	175	7,913	.	109	5,282	790	1,292	-	41
2022	165	7,349	.	99	4,543	802	1,388	-	24

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Foreign direct investment in the reporting country

a) Foreign corporate assets broken down by type of cross ownership and economic activity from all countries

End of year

Item	Economic activity of the enterprises in the reporting country (investment enterprises)					
	All economic activities			of which		
				Manufacturing		
	2020	2021	2022	2020	2021	2022
Foreign direct investment in € million						
Primary foreign direct investment in the reporting country	871,792	895,226	955,543	47,338	51,214	52,511
Liabilities of primary foreign direct investment relations	1,110,364	1,204,235	1,240,947	127,833	142,312	149,056
Primary foreign investment capital ¹	647,219	702,507	749,317	54,895	59,560	62,159
Direct lendings by foreign capital owners ²	212,356	222,816	220,879	23,044	26,080	28,905
Lendings by enterprises abroad ³ to their sister companies in the reporting country	250,789	278,911	270,751	49,894	56,672	57,992
minus						
Receivables of primary foreign direct investment relations	238,572	309,009	285,404	80,495	91,099	96,545
Direct lendings of direct investment enterprises in the reporting country to their foreign investors ²	64,895	97,461	82,557	17,415	24,235	25,434
Lendings of enterprises in the reporting country ³ to their sister companies abroad	173,677	211,548	202,847	63,081	66,864	71,111
Primary and secondary foreign direct investment in the reporting country (consolidated) ⁴	609,875	638,219	681,121	140,602	150,642	152,372
Liabilities of primary foreign direct investment relations	863,264	946,893	976,615	246,080	265,940	276,697
Primary foreign investment capital ¹	286,005	328,662	360,240	54,895	59,560	62,159
Secondary foreign investment capital ¹ (held by dependent holding companies)	261,652	278,027	275,036	98,131	102,057	104,438
Direct lendings by foreign capital owners ²	115,392	115,754	118,044	23,044	26,080	28,905
Lendings by dependent holding companies	51,625	51,157	59,724	20,198	21,600	23,536
Lendings by enterprises abroad ³ to their sister companies in the reporting country	148,590	173,294	163,572	49,813	56,643	57,659
minus						
Receivables of primary and secondary foreign direct investment relations	253,389	308,674	295,495	105,478	115,299	124,325
Direct lendings of direct investment enterprises in the reporting country to their investors abroad ²	48,762	59,989	60,155	17,415	24,235	25,434
Lendings to dependent holding companies	54,547	62,282	61,464	25,119	24,277	27,986
Lendings to enterprises in the reporting country ³ to their sister companies abroad	150,080	186,403	173,875	62,945	66,787	70,905
Data on enterprises in the reporting country ⁵						
Enterprises with primary foreign capital interests						
Number	9,454	9,724	9,758	1,909	1,912	1,911
Employees in thousands	1,352	1,353	1,370	568	555	542
Annual turnover in € million	731,851	784,670	901,880	257,430	271,657	305,774
Enterprises with secondary foreign capital interests						
Number	8,413	8,585	8,715	2,553	2,567	2,555
Employees in thousands	1,942	1,939	1,973	920	908	925
Annual turnover in € million	1,042,534	1,177,410	1,203,819	379,678	409,911	474,283

¹ Including pro rate reserves and profits, less losses. ² Also includes direct lending to enterprises with secondary foreign capital interests. ³ Only if the corporate headquarters are located abroad. ⁴ Excluding primary direct investment in dependent holding companies, ie excluding interests in the nominal capital and the reserves of

dependent holding companies and excluding lendings to dependent holding companies. ⁵ Key data on enterprises with primary and also secondary foreign capital interests are shown in both of the following sections. Thus they are counted twice.

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Foreign direct investment in the reporting country

a) Foreign corporate assets broken down by type of cross ownership and economic activity from all countries (cont'd)

End of year

Item	Economic activity of the enterprises in the reporting country (investment enterprises)					
	of which					
				Financial and insurance activities		
	Wholesale and retail trade; repair of motor vehicles and motorcycles			Total		
	2020	2021	2022	2020	2021	2022
Foreign direct investment in € million						
Primary foreign direct investment in the reporting country	37,403	41,775	45,101	370,664	377,836	419,497
Liabilities of primary foreign direct investment relations	76,719	84,430	88,091	414,652	440,296	467,730
Primary foreign investment capital	37,117	40,363	42,705	289,040	304,019	337,763
Direct lendings by foreign capital owners	18,153	19,836	19,845	63,109	64,738	59,621
Lendings by enterprises abroad to their sister companies in the reporting country	21,449	24,231	25,540	62,503	71,539	70,346
minus						
Receivables of primary foreign direct investment relations	39,316	42,655	42,990	43,988	62,461	48,233
Direct lendings of direct investment enterprises in the reporting country to their foreign investors	10,247	12,746	12,791	13,635	18,470	13,258
Lendings of enterprises in the reporting country to their sister companies abroad	29,070	29,908	30,199	30,353	43,991	34,975
Primary and secondary foreign direct investment in the reporting country (consolidated)	61,576	66,688	70,456	203,053	212,233	239,359
Liabilities of primary foreign direct investment relations	108,439	117,789	122,206	240,416	263,225	282,784
Primary foreign investment capital	37,117	40,363	42,705	120,859	130,857	153,796
Secondary foreign investment capital (held by dependent holding companies)	24,648	27,072	28,077	64,454	65,305	70,994
Direct lendings by foreign capital owners	18,153	19,836	19,845	19,064	20,186	16,549
Lendings by dependent holding companies	7,077	6,288	6,069	9,382	12,486	13,462
Lendings by enterprises abroad to their sister companies in the reporting country	21,445	24,231	25,509	26,657	34,390	27,983
minus						
Receivables of primary and secondary foreign direct investment relations	46,863	51,101	51,750	37,364	50,992	43,425
Direct lendings of direct investment enterprises in the reporting country to their investors abroad	10,247	12,746	12,791	8,091	8,628	7,957
Lendings to dependent holding companies	7,591	8,494	8,808	7,151	6,795	7,444
Lendings to enterprises in the reporting country to their sister companies abroad	29,026	29,861	30,151	22,121	35,569	28,023
Data on enterprises in the reporting country						
Enterprises with primary foreign capital interests						
Number	1,925	1,939	1,920	1,981	2,071	2,080
Employees in thousands	304	284	299	58	60	67
Annual turnover in € million	271,332	279,203	292,255	50,652	57,793	67,151
Enterprises with secondary foreign capital interests						
Number	1,045	1,083	1,095	682	697	683
Employees in thousands	284	275	269	55	55	54
Annual turnover in € million	230,895	240,043	277,960	55,214	55,908	55,897

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Foreign direct investment in the reporting country

a) Foreign corporate assets broken down by type of cross ownership and economic activity from all countries (cont'd)

End of year

Item	Economic activity of the enterprises in the reporting country (investment enterprises)					
	of which					
	Financial and insurance activities (cont'd)			Activities of head offices; management consultancy activities (holding companies with management function)		
	of which					
	Holding companies without management function					
2020	2021	2022	2020	2021	2022	
Foreign direct investment in € million						
Primary foreign direct investment in the reporting country	278,679	276,796	296,201	327,551	324,501	331,600
Liabilities of primary foreign direct investment relations	302,296	311,914	317,177	358,850	380,855	376,175
Primary foreign investment capital	195,516	197,243	211,749	215,334	228,131	230,888
Direct lendings by foreign capital owners	56,156	56,729	49,806	59,018	66,369	64,272
Lendings by enterprises abroad to their sister companies in the reporting country	50,625	57,942	55,622	84,498	86,355	81,015
minus						
Receivables of primary foreign direct investment relations	23,617	35,119	20,976	31,300	56,354	44,575
Direct lendings of direct investment enterprises in the reporting country to their foreign investors	6,380	10,518	5,808	10,951	27,775	17,188
Lendings of enterprises in the reporting country to their sister companies abroad	17,237	24,600	15,168	20,349	28,579	27,387
Primary and secondary foreign direct investment in the reporting country (consolidated)	72,580	68,203	66,583	47,101	43,376	44,611
Liabilities of primary foreign direct investment relations	85,197	88,234	78,653	52,709	55,722	50,678
Primary foreign investment capital	27,334	24,081	27,783	22,301	27,448	25,778
Secondary foreign investment capital (held by dependent holding companies)	28,680	29,044	29,944	6,042	6,410	3,373
Direct lendings by foreign capital owners	12,111	12,177	6,733	6,100	3,859	4,509
Lendings by dependent holding companies	2,280	2,125	919	32	88	426
Lendings by enterprises abroad to their sister companies in the reporting country	14,791	20,807	13,274	18,233	17,917	16,592
minus						
Receivables of primary and secondary foreign direct investment relations	12,616	20,031	12,070	5,607	12,346	6,067
Direct lendings of direct investment enterprises in the reporting country to their investors abroad	837	677	508	362	145	87
Lendings to dependent holding companies	2,762	2,939	3,158	21	20	153
Lendings to enterprises in the reporting country to their sister companies abroad	9,018	16,415	8,405	5,224	12,181	5,827
Data on enterprises in the reporting country						
Enterprises with primary foreign capital interests						
Number	1,257	1,279	1,266	854	890	896
Employees in thousands	0	0	0	37	41	42
Annual turnover in € million	789	1,000	1,382	14,228	14,411	15,319
Enterprises with secondary foreign capital interests						
Number	307	328	318	74	70	71
Employees in thousands	0	0	0	3	3	3
Annual turnover in € million	623	962	571	838	696	802

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Foreign direct investment in the reporting country

a) Foreign corporate assets broken down by type of cross ownership and economic activity from EU member states

End of year

Position	Economic activity of the enterprises in the reporting country (investment enterprises)					
	All economic activities			of which		
				Manufacturing		
	2020	2021	2022	2020	2021	2022
Foreign direct investment in € million						
Primary foreign direct investment in the reporting country	544,330	556,113	589,956	27,611	24,945	22,363
Liabilities of primary foreign direct investment relations	703,017	747,425	767,738	80,454	79,059	80,775
Primary foreign investment capital ¹	419,441	449,143	472,640	39,159	34,653	35,342
Direct lendings by foreign capital owners ²	142,004	139,921	142,814	11,782	12,166	13,912
Lendings by enterprises abroad ³ to their sister companies in the reporting country	141,572	158,361	152,285	29,514	32,240	31,521
minus						
Receivables of primary foreign direct investment relations	158,688	191,312	177,783	52,844	54,114	58,412
Direct lendings of direct investment enterprises in the reporting country to their foreign investors ²	46,948	67,268	57,415	12,076	16,943	17,741
Lendings of enterprises in the reporting country ³ to their sister companies abroad	111,740	124,044	120,368	40,767	37,171	40,671
Primary and secondary foreign direct investment in the reporting country (consolidated) ⁴	384,320	400,597	417,181	95,197	97,342	97,091
Liabilities of primary foreign direct investment relations	555,598	600,213	608,185	166,050	170,019	176,110
Primary foreign investment capital ¹	165,380	188,828	199,365	39,159	34,653	35,342
Secondary foreign investment capital ¹ (held by dependent holding companies)	194,513	209,241	203,804	73,428	77,148	80,210
Direct lendings by foreign capital owners ²	78,537	73,428	76,070	11,782	12,166	13,912
Lendings by dependent holding companies	34,928	32,877	39,111	12,215	13,832	15,146
Lendings by enterprises abroad ³ to their sister companies in the reporting country	82,241	95,840	89,834	29,467	32,220	31,501
minus						
Receivables of primary and secondary foreign direct investment relations	171,277	199,616	191,005	70,852	72,677	79,020
Direct lendings of direct investment enterprises in the reporting country to their investors abroad ²	35,688	42,172	42,413	12,076	16,943	17,741
Lendings to dependent holding companies	40,823	49,662	46,962	18,008	18,578	20,745
Lendings to enterprises in the reporting country ³ to their sister companies abroad	94,766	107,782	101,630	40,767	37,156	40,534
Data on enterprises in the reporting country ⁵						
Enterprises with primary foreign capital interests						
Number	5,469	5,663	5,692	1,054	1,058	1,048
Employees in thousands	855	900	897	335	356	327
Annual turnover in € million	461,020	517,184	587,756	170,876	202,944	226,598
Enterprises with secondary foreign capital interests						
Number	5,727	5,789	5,908	1,564	1,568	1,584
Employees in thousands	1,286	1,281	1,320	588	574	595
Annual turnover in € million	727,250	807,429	829,648	248,037	266,378	313,235

¹ Including pro rate reserves and profits, less losses. ² Also includes direct lending to enterprises with secondary foreign capital interests. ³ Only if the corporate headquarters are located abroad. ⁴ Excluding primary direct investment in dependent holding companies, ie excluding interests in the nominal capital and the reserves of

dependent holding companies and excluding lendings to dependent holding companies. ⁵ Key data on enterprises with primary and also secondary foreign capital interests are shown in both of the following sections. Thus they are counted twice.

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Foreign direct investment in the reporting country

a) Foreign corporate assets broken down by type of cross ownership and economic activity from EU member states (cont'd)

End of year

Position	Economic activity of the enterprises in the reporting country (investment enterprises)					
	of which					
				Financial and insurance activities		
	Wholesale and retail trade; repair of motor vehicles and motorcycles			Total		
	2020	2021	2022	2020	2021	2022
Foreign direct investment in € million						
Primary foreign direct investment in the reporting country	8,946	11,849	14,542	220,205	227,637	252,795
Liabilities of primary foreign direct investment relations	35,528	40,696	43,582	248,505	262,774	279,763
Primary foreign investment capital	17,835	19,631	21,664	174,447	186,391	201,502
Direct lendings by foreign capital owners	7,248	7,061	7,343	41,877	41,015	41,014
Lendings by enterprises abroad to their sister companies in the reporting country	10,445	14,003	14,576	32,181	35,369	37,247
minus						
Receivables of primary foreign direct investment relations	26,583	28,847	29,040	28,300	35,137	26,968
Direct lendings of direct investment enterprises in the reporting country to their foreign investors	7,924	8,873	9,444	9,640	10,656	9,148
Lendings of enterprises in the reporting country to their sister companies abroad	18,659	19,974	19,596	18,660	24,481	17,821
Primary and secondary foreign direct investment in the reporting country (consolidated)	24,576	27,903	29,972	117,247	125,477	131,973
Liabilities of primary foreign direct investment relations	57,498	63,757	65,769	139,816	154,426	155,975
Primary foreign investment capital	17,835	19,631	21,664	60,109	70,127	75,757
Secondary foreign investment capital (held by dependent holding companies)	17,389	19,572	19,510	46,340	47,104	47,640
Direct lendings by foreign capital owners	7,248	7,061	7,343	14,600	15,419	12,475
Lendings by dependent holding companies	4,585	3,489	2,677	5,387	7,201	7,542
Lendings by enterprises abroad to their sister companies in the reporting country	10,441	14,003	14,576	13,379	14,576	12,561
minus						
Receivables of primary and secondary foreign direct investment relations	32,923	35,854	35,797	22,569	28,949	24,002
Direct lendings of direct investment enterprises in the reporting country to their investors abroad	7,924	8,873	9,444	6,063	6,137	5,476
Lendings to dependent holding companies	6,365	7,032	6,783	3,417	4,089	4,292
Lendings to enterprises in the reporting country to their sister companies abroad	18,633	19,949	19,570	13,090	18,723	14,234
Data on enterprises in the reporting country						
Enterprises with primary foreign capital interests						
Number	971	977	972	1,160	1,222	1,247
Employees in thousands	196	198	212	41	42	44
Annual turnover in € million	164,846	172,555	173,047	33,035	36,548	40,442
Enterprises with secondary foreign capital interests						
Number	589	612	634	481	492	482
Employees in thousands	137	127	128	37	38	38
Annual turnover in € million	139,127	141,358	168,169	43,566	43,780	45,020

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Foreign direct investment in the reporting country

a) Foreign corporate assets broken down by type of cross ownership and economic activity from EU member states (cont'd)

End of year

Position	Economic activity of the enterprises in the reporting country (investment enterprises)					
	of which					
	Financial and insurance activities (cont'd)			Activities of head offices; management consultancy activities (holding companies with management function)		
	of which					
	Holding companies without management function					
2020	2021	2022	2020	2021	2022	
Foreign direct investment in € million						
Primary foreign direct investment in the reporting country	175,333	176,805	194,816	211,864	211,067	212,990
Liabilities of primary foreign direct investment relations	190,678	195,941	206,488	234,846	244,584	241,728
Primary foreign investment capital	125,629	131,863	142,812	149,934	155,995	159,023
Direct lendings by foreign capital owners	36,058	33,841	32,508	38,737	41,093	39,298
Lendings by enterprises abroad to their sister companies in the reporting country	28,990	30,236	31,168	46,175	47,497	43,407
minus						
Receivables of primary foreign direct investment relations	15,345	19,136	11,672	22,981	33,517	28,738
Direct lendings of direct investment enterprises in the reporting country to their foreign investors	4,184	5,082	4,100	8,003	20,704	11,392
Lendings of enterprises in the reporting country to their sister companies abroad	11,161	14,054	7,572	14,978	12,813	17,346
Primary and secondary foreign direct investment in the reporting country (consolidated)	46,053	46,335	42,541	17,276	18,725	19,307
Liabilities of primary foreign direct investment relations	53,240	56,558	48,404	21,219	21,227	21,891
Primary foreign investment capital	11,291	15,599	17,067	10,211	11,943	11,494
Secondary foreign investment capital (held by dependent holding companies)	21,900	22,137	20,013	2,731	3,211	3,187
Direct lendings by foreign capital owners	8,781	8,245	3,969	2,547	195	1,094
Lendings by dependent holding companies	1,066	1,119	858	32	88	426
Lendings by enterprises abroad to their sister companies in the reporting country	10,201	9,458	6,496	5,698	5,789	5,691
minus						
Receivables of primary and secondary foreign direct investment relations	7,186	10,222	5,863	3,943	2,502	2,584
Direct lendings of direct investment enterprises in the reporting country to their investors abroad	607	562	429	321	127	61
Lendings to dependent holding companies	976	1,349	1,423	21	20	153
Lendings to enterprises in the reporting country to their sister companies abroad	5,603	8,311	4,012	3,601	2,355	2,370
Data on enterprises in the reporting country						
Enterprises with primary foreign capital interests						
Number	781	800	797	530	558	558
Employees in thousands	0	0	0	23	24	25
Annual turnover in € million	528	597	899	10,319	11,042	11,010
Enterprises with secondary foreign capital interests						
Number	227	246	238	55	48	49
Employees in thousands	0	0	0	3	3	3
Annual turnover in € million	542	850	492	722	610	705

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Foreign direct investment in the reporting country

a) Foreign corporate assets broken down by type of cross ownership and economic activity from the United States

End of year

Position	Economic activity of the enterprises in the reporting country (investment enterprises)					
	All economic activities			of which		
				Manufacturing		
	2020	2021	2022	2020	2021	2022
Foreign direct investment in € million						
Primary foreign direct investment in the reporting country	73,135	81,685	96,004	256	3,043	3,196
Liabilities of primary foreign direct investment relations	92,317	105,344	122,074	7,520	11,251	13,359
Primary foreign investment capital ¹	64,108	76,752	90,768	–	2,207	6,636
Direct lendings by foreign capital owners ²	12,562	13,304	12,495	1,165	1,618	1,096
Lendings by enterprises abroad ³ to their sister companies in the reporting country	15,647	15,288	18,811	8,562	2,996	4,942
minus						
Receivables of primary foreign direct investment relations	19,181	23,659	26,070	7,264	8,207	10,162
Direct lendings of direct investment enterprises in the reporting country to their foreign investors ²	1,991	4,609	4,591	482	720	477
Lendings of enterprises in the reporting country ³ to their sister companies abroad	17,191	19,051	21,479	6,782	7,487	9,685
Primary and secondary foreign direct investment in the reporting country (consolidated) ⁴	57,572	61,591	73,100	7,142	10,135	9,952
Liabilities of primary foreign direct investment relations	76,650	84,258	99,027	15,610	19,560	21,782
Primary foreign investment capital ¹	38,856	48,783	61,912	–	2,207	6,636
Secondary foreign investment capital ¹ (held by dependent holding companies)	14,920	16,183	16,566	7,431	7,507	7,420
Direct lendings by foreign capital owners ²	6,750	8,066	7,233	1,165	1,618	1,096
Lendings by dependent holding companies	1,712	1,751	1,708	660	807	1,010
Lendings by enterprises abroad ³ to their sister companies in the reporting country	14,412	9,475	11,608	8,562	2,992	4,936
minus						
Receivables of primary and secondary foreign direct investment relations	19,078	22,667	25,927	8,468	9,426	11,829
Direct lendings of direct investment enterprises in the reporting country to their investors abroad ²	1,779	3,907	3,755	482	720	477
Lendings to dependent holding companies	1,956	1,977	2,791	1,252	1,255	1,707
Lendings to enterprises in the reporting country ³ to their sister companies abroad	15,342	16,783	19,382	6,733	7,450	9,646
Data on enterprises in the reporting country ⁵						
Enterprises with primary foreign capital interests						
Number	906	937	976	224	225	227
Employees in thousands	142	124	134	73	49	53
Annual turnover in € million	72,088	53,964	63,743	34,223	15,047	18,719
Enterprises with secondary foreign capital interests						
Number	423	442	440	170	177	176
Employees in thousands	75	73	74	50	49	51
Annual turnover in € million	33,247	37,520	53,844	15,547	16,025	18,928

¹ Including pro rate reserves and profits, less losses. ² Also includes direct lending to enterprises with secondary foreign capital interests. ³ Only if the corporate headquarters are located abroad. ⁴ Excluding primary direct investment in dependent holding companies, ie excluding interests in the nominal capital and the reserves of

dependent holding companies and excluding lendings to dependent holding companies. ⁵ Key data on enterprises with primary and also secondary foreign capital interests are shown in both of the following sections. Thus they are counted twice.

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Foreign direct investment in the reporting country

a) Foreign corporate assets broken down by type of cross ownership and economic activity from the United States (cont'd)

End of year

Position	Economic activity of the enterprises in the reporting country (investment enterprises)					
	of which					
	Wholesale and retail trade; repair of motor vehicles and motorcycles			Financial and insurance activities		
				Total		
2020	2021	2022	2020	2021	2022	
Foreign direct investment in € million						
Primary foreign direct investment in the reporting country	1,496	2,431	2,444	45,875	49,321	59,095
Liabilities of primary foreign direct investment relations	3,830	4,145	4,361	49,506	54,352	65,105
Primary foreign investment capital	1,960	2,015	2,165	44,720	46,406	55,840
Direct lendings by foreign capital owners	844	1,042	1,224	2,744	2,582	2,373
Lendings by enterprises abroad to their sister companies in the reporting country	1,026	1,088	971	2,042	5,365	6,891
minus						
Receivables of primary foreign direct investment relations	2,335	1,714	1,917	3,631	5,031	6,009
Direct lendings of direct investment enterprises in the reporting country to their foreign investors	299	614	581	785	1,382	1,448
Lendings of enterprises in the reporting country to their sister companies abroad	2,035	1,100	1,335	2,846	3,650	4,561
Primary and secondary foreign direct investment in the reporting country (consolidated)	3,054	4,934	5,841	30,642	29,851	40,800
Liabilities of primary foreign direct investment relations	5,463	6,712	8,198	34,168	34,515	46,415
Primary foreign investment capital	1,960	2,015	2,165	28,724	28,135	37,769
Secondary foreign investment capital (held by dependent holding companies)	1,608	2,528	3,251	2,034	2,319	5,275
Direct lendings by foreign capital owners	844	1,042	1,224	926	1,104	1,034
Lendings by dependent holding companies	24	40	586	1,001	851	52
Lendings by enterprises abroad to their sister companies in the reporting country	1,026	1,088	971	1,482	2,105	2,285
minus						
Receivables of primary and secondary foreign direct investment relations	2,409	1,778	2,357	3,526	4,664	5,615
Direct lendings of direct investment enterprises in the reporting country to their investors abroad	299	614	581	577	1,074	1,133
Lendings to dependent holding companies	74	64	440	510	590	534
Lendings to enterprises in the reporting country to their sister companies abroad	2,035	1,100	1,335	2,439	2,999	3,948
Data on enterprises in the reporting country						
Enterprises with primary foreign capital interests						
Number	173	174	171	195	216	224
Employees in thousands	18	18	19	4	6	9
Annual turnover in € million	13,884	11,761	12,900	6,365	9,854	13,844
Enterprises with secondary foreign capital interests						
Number	65	72	73	48	45	45
Employees in thousands	15	11	11	0	0	0
Annual turnover in € million	11,003	12,332	25,683	409	519	448

II. Foreign direct investment stock statistics (Extended Directional Principle)

1. Foreign direct investment in the reporting country

a) Foreign corporate assets broken down by type of cross ownership and economic activity from the United States (cont'd)

End of year

Position	Economic activity of the enterprises in the reporting country (investment enterprises)					
	of which					
	Financial and insurance activities (cont'd)			Activities of head offices; management consultancy activities (holding companies with management function)		
	of which					
	Holding companies without management function					
2020	2021	2022	2020	2021	2022	
Foreign direct investment in € million						
Primary foreign direct investment in the reporting country	29,020	26,006	27,115	22,827	21,924	25,259
Liabilities of primary foreign direct investment relations	30,848	28,438	29,988	24,499	25,734	28,125
Primary foreign investment capital	26,343	21,181	21,432	16,288	16,110	18,385
Direct lendings by foreign capital owners	2,594	2,336	2,128	7,024	6,800	6,747
Lendings by enterprises abroad to their sister companies in the reporting country	1,911	4,921	6,428	1,187	2,825	2,993
minus						
Receivables of primary foreign direct investment relations	1,828	2,432	2,873	1,672	3,810	2,866
Direct lendings of direct investment enterprises in the reporting country to their foreign investors	234	330	350	11	404	531
Lendings of enterprises in the reporting country to their sister companies abroad	1,594	2,102	2,524	1,662	3,406	2,335
Primary and secondary foreign direct investment in the reporting country (consolidated)	12,707	5,236	7,267	13,465	10,800	9,792
Liabilities of primary foreign direct investment relations	13,921	6,990	9,374	13,740	12,771	10,827
Primary foreign investment capital	10,348	2,911	3,361	7,032	6,411	7,600
Secondary foreign investment capital (held by dependent holding companies)	445	716	3,359	3,166	3,045	–
Direct lendings by foreign capital owners	776	859	789	3,030	3,039	2,824
Lendings by dependent holding companies	1,001	843	43	–	–	–
Lendings by enterprises abroad to their sister companies in the reporting country	1,351	1,662	1,822	512	276	403
minus						
Receivables of primary and secondary foreign direct investment relations	1,213	1,753	2,107	275	1,971	1,035
Direct lendings of direct investment enterprises in the reporting country to their investors abroad	26	23	35	8	11	11
Lendings to dependent holding companies	–	57	–	–	–	–
Lendings to enterprises in the reporting country to their sister companies abroad	1,187	1,674	2,073	268	1,960	1,024
Data on enterprises in the reporting country						
Enterprises with primary foreign capital interests						
Number	125	129	131	66	67	73
Employees in thousands	0	0	0	3	7	7
Annual turnover in € million	67	133	149	980	1,072	1,141
Enterprises with secondary foreign capital interests						
Number	25	23	23	6	4	3
Employees in thousands	–	–	–	0	0	0
Annual turnover in € million	28	25	25	80	16	15

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises abroad broken down by country of investor

End of year

Year	Europe									
	All countries	EU member states								
		Total	Total	Euro area						
				Total	of which					
1	2	3	4	Austria	Belgium	Cyprus	Finland	France	Greece	10
Primary foreign direct investment in the reporting country in € million										
Liabilities of inward direct investment relations										
2019	1,031,570	849,915	648,605	612,112	37,043	23,224	4,238	4,474	63,007	160
2020	1,110,364	906,151	703,017	666,651	44,787	21,040	3,923	4,022	64,073	172
2021	1,204,235	989,505	747,425	704,333	46,063	23,573	3,954	3,790	68,440	185
2022	1,240,947	1,001,532	767,738	718,889	47,222	20,844	4,036	4,132	78,577	233
Receivables of inward direct investment relations										
2019	225,461	191,353	148,260	134,417	5,005	8,066	474	2,560	26,687	22
2020	238,572	202,196	158,688	141,734	7,755	9,046	507	2,213	23,463	46
2021	309,009	266,050	191,312	158,055	7,402	9,903	737	2,244	26,637	77
2022	285,404	235,933	177,783	155,767	7,963	10,007	731	2,269	28,295	98
Primary direct investment stocks (accumulated)										
2019	806,109	658,562	500,345	477,695	32,038	15,157	3,764	1,914	36,321	138
2020	871,792	703,955	544,330	524,917	37,032	11,994	3,416	1,809	40,609	126
2021	895,226	723,455	556,113	546,278	38,661	13,670	3,218	1,546	41,803	108
2022	955,543	765,598	589,956	563,122	39,258	10,837	3,304	1,863	50,282	135
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹										
Liabilities of inward direct investment relations										
2019	799,131	658,361	514,287	476,796	32,776	19,267	3,647	3,476	53,799	160
2020	863,264	701,066	555,598	518,084	42,168	21,051	2,939	2,615	52,837	172
2021	946,893	775,964	600,213	558,952	44,230	20,866	3,031	2,432	53,441	185
2022	976,615	782,479	608,185	564,120	44,420	21,826	3,098	2,259	58,776	233
Receivables of inward direct investment relations										
2019	238,185	204,084	159,745	142,159	5,561	6,606	465	2,485	27,227	22
2020	253,389	217,166	171,277	152,368	8,228	8,068	506	2,390	23,800	46
2021	308,674	266,902	199,616	173,465	8,544	8,124	745	2,300	27,333	77
2022	295,495	247,461	191,005	168,285	9,055	7,627	740	2,278	31,429	98
Primary and secondary direct investment stocks (accumulated)										
2019	560,946	454,277	354,542	334,638	27,216	12,661	3,182	991	26,572	138
2020	609,875	483,900	384,320	365,716	33,941	12,984	2,433	225	29,037	126
2021	638,219	509,062	400,597	385,487	35,686	12,742	2,286	132	26,108	108
2022	681,121	535,018	417,181	395,835	35,365	14,198	2,358	19	27,347	135
Key indicators of enterprises in the reporting country ²										
Number										
2019	17,224	14,625	10,792	9,710	1,100	414	99	111	1,468	6
2020	17,741	15,007	11,137	10,072	1,124	417	109	103	1,502	10
2021	18,174	15,350	11,391	10,320	1,118	432	126	101	1,520	8
2022	18,337	15,489	11,541	10,314	1,130	406	125	98	1,537	8
Employees in thousands										
2019	3,258	2,894	2,155	1,943	163	71	9	24	385	0
2020	3,233	2,859	2,119	1,923	172	69	7	23	383	0
2021	3,235	2,869	2,159	1,969	175	74	8	20	362	0
2022	3,287	2,911	2,196	1,989	181	72	8	20	380	0
Annual turnover in € million										
2019	1,759,129	1,524,348	1,106,269	975,500	70,517	47,469	9,987	8,980	197,687	166
2020	1,743,404	1,515,663	1,172,403	1,051,625	73,320	51,104	8,155	7,315	172,663	112
2021	1,927,382	1,685,270	1,304,799	1,158,884	73,751	49,073	7,394	7,118	170,595	74
2022	2,060,202	1,761,882	1,390,407	1,141,225	82,497	51,492	12,311	7,485	204,784	93

¹ Consolidated secondary direct investments are secondary capital relations of investments held by foreigners in enterprises in the reporting country by dependent holding companies domiciled in the reporting country. ² Key data on enterprises in

which investors from various countries hold capital interests are shown under the country concerned. The total of the figures for individual countries can therefore differ from the total for the group of countries.

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises abroad broken down by country of investor

End of year

Europe (cont'd)

EU member states (cont'd)

Euro area (cont'd)

Other EU member states

of which

of which

Year	Ireland	Italy	Luxembourg	Malta	Netherlands	Portugal	Slovenia	Spain	Total	Czech Republic
	11	12	13	14	15	16	17	18			19	20

Primary foreign direct investment in the reporting country in € million

Liabilities of inward direct investment relations

2019	38,725	38,989	193,275	319	188,109	352	57	19,416	36,493	3,185
2020	44,750	37,144	223,718	5,383	197,436	414	89	19,318	36,366	2,724
2021	48,874	37,063	227,150	11,273	210,796	437	103	21,118	43,092	3,895
2022	41,376	41,621	234,232	11,053	211,898	470	113	21,129	48,849	4,043

Receivables of inward direct investment relations

2019	5,119	5,085	27,637	57	46,490	267	19	5,564	13,843	629
2020	8,996	4,867	25,781	54	50,613	288	21	5,584	16,954	607
2021	21,340	4,675	34,190	116	43,001	263	50	4,758	33,257	697
2022	15,908	4,166	33,024	116	44,302	237	68	5,579	22,016	1,832

Primary direct investment stocks (accumulated)

2019	33,606	33,904	165,638	262	141,619	85	38	13,853	22,650	2,557
2020	35,754	32,277	197,938	5,329	146,823	125	68	13,734	19,412	2,117
2021	27,534	32,388	192,960	11,158	167,795	174	53	16,359	9,835	3,198
2022	25,468	37,455	201,208	10,938	167,596	233	45	15,550	26,833	2,211

Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹

Liabilities of inward direct investment relations

2019	20,172	36,141	132,307	285	158,075	307	81	15,598	37,491	4,149
2020	33,172	33,119	149,752	536	162,491	387	89	16,391	37,513	3,628
2021	36,291	32,951	166,557	775	177,627	403	102	18,568	41,261	4,915
2022	20,609	37,782	170,022	636	182,970	422	112	19,010	44,065	5,470

Receivables of inward direct investment relations

2019	4,217	4,881	30,568	57	52,683	260	22	5,741	17,587	1,036
2020	7,369	4,278	29,252	54	59,933	253	21	6,819	18,909	1,040
2021	20,575	4,242	39,192	114	54,056	197	50	6,452	26,151	1,163
2022	14,767	3,824	38,928	110	51,937	211	68	5,462	22,719	2,383

Primary and secondary direct investment stocks (accumulated)

2019	15,955	31,260	101,739	228	105,393	47	58	9,856	19,904	3,113
2020	25,803	28,841	120,501	482	102,557	134	67	9,572	18,604	2,588
2021	15,716	28,709	127,364	662	123,571	206	52	12,115	15,109	3,753
2022	5,842	33,958	131,094	526	131,033	211	44	13,548	21,346	3,087

Key indicators of enterprises in the reporting country ²

Number

2019	147	568	2,768	17	2,898	19	12	266	1,119	49
2020	196	521	3,102	18	2,830	20	8	282	1,100	51
2021	200	520	3,268	20	2,869	22	9	292	1,109	61
2022	157	521	3,326	22	2,835	22	9	308	1,265	69

Employees in thousands

2019	23	83	478	0	668	2	1	60	225	16
2020	34	78	493	0	627	2	1	59	203	15
2021	36	81	508	0	668	3	1	60	197	14
2022	30	82	503	0	675	3	1	63	215	15

Annual turnover in € million

2019	15,993	61,048	217,485	54	332,768	912	205	28,957	141,141	6,605
2020	106,512	58,634	215,680	113	347,732	920	151	28,454	124,757	6,386
2021	152,287	61,988	240,671	191	389,594	1,126	147	28,992	150,704	7,889
2022	25,886	67,178	235,852	261	443,439	1,274	197	31,902	258,928	16,319

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises abroad broken down by country of investor

End of year

Europe (cont'd)											
EU member states (cont'd)					Other European countries						
Other EU member states (cont'd)				Total	of which						
of which					Gibraltar	Guernsey	Isle of Man	Jersey	Liechtenstein	Norway	
Denmark	Hungary	Poland	Sweden								
Year	21	22	23	24	25	26	27	28	29	30	31
Primary foreign direct investment in the reporting country in € million											
Liabilities of inward direct investment relations											
2019	12,769	940	1,888	17,491	94,850	285	304	278	6,755	6,099	2,538
2020	12,944	1,262	2,103	17,101	96,773	301	403	0	6,240	6,065	3,745
2021	13,009	2,225	3,197	20,342	129,901	265	656	.	7,532	6,385	5,116
2022	15,942	3,321	3,700	21,359	121,309	239	640	.	6,968	6,673	4,512
Receivables of inward direct investment relations											
2019	3,105	757	1,422	7,395	24,862	53	53	11	213	172	827
2020	3,422	883	1,262	10,291	24,651	130	61	88	512	288	1,422
2021	3,895	1,596	1,907	24,735	49,264	109	79	.	669	457	1,851
2022	4,322	1,375	2,101	11,989	33,150	99	85	.	555	353	1,607
Primary direct investment stocks (accumulated)											
2019	9,664	182	466	10,095	69,988	232	251	267	6,542	5,927	1,711
2020	9,522	379	841	6,810	72,123	171	341	88	5,728	5,777	2,322
2021	9,114	629	1,291	4,393	80,636	156	577	.	6,864	5,929	3,265
2022	11,620	1,946	1,599	9,370	88,159	141	555	.	6,414	6,319	2,905
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹											
Liabilities of inward direct investment relations											
2019	11,663	891	1,804	18,781	73,213	197	316	278	6,225	3,030	2,486
2020	12,129	1,137	1,767	18,644	71,850	210	419	0	4,615	3,000	3,001
2021	13,351	1,594	2,815	18,184	98,065	163	662	.	5,670	3,274	4,807
2022	15,967	2,057	3,320	16,790	95,913	137	646	.	7,058	3,748	4,638
Receivables of inward direct investment relations											
2019	3,331	690	1,299	10,710	25,219	53	56	11	162	185	789
2020	3,454	787	1,252	11,898	25,958	119	65	2	519	291	1,114
2021	3,946	1,019	1,904	17,693	40,322	109	83	.	719	359	1,997
2022	4,431	798	2,095	12,615	30,165	99	89	.	731	451	927
Primary and secondary direct investment stocks (accumulated)											
2019	8,332	201	505	8,070	47,995	145	260	267	6,063	2,845	1,697
2020	8,675	350	515	6,746	45,893	90	354	2	4,096	2,709	1,887
2021	9,405	575	911	491	57,743	54	580	.	4,951	2,915	2,810
2022	11,535	1,260	1,224	4,176	65,748	39	557	.	6,328	3,297	3,710
Key indicators of enterprises in the reporting country ²											
Number											
2019	429	29	68	541	1,718	17	22	8	74	213	86
2020	416	31	59	539	1,716	16	34	3	78	228	90
2021	439	33	57	517	1,719	13	35	.	86	248	102
2022	462	32	54	649	1,702	9	36	.	82	253	107
Employees in thousands											
2019	104	6	13	88	292	0	10	0	15	23	10
2020	90	5	11	89	293	0	13	0	15	24	10
2021	88	5	10	82	283	0	14	0	15	17	7
2022	101	5	10	86	280	0	15	0	14	18	7
Annual turnover in € million											
2019	39,038	2,390	8,585	85,469	239,219	64	693	46	14,725	7,322	30,198
2020	42,427	2,032	6,244	76,658	201,674	55	1,069	52	14,038	6,555	29,769
2021	45,194	2,218	6,870	89,935	221,596	49	970	0	13,602	7,725	53,807
2022	54,983	2,339	25,817	160,880	232,453	49	1,387	0	13,465	8,800	37,818

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises abroad broken down by country of investor

End of year

Year	Europe (cont'd)				Africa			America			
	Other European countries (cont'd)				Total	of which		Total	North America		
	of which					Mauritius	South Africa		Total	Canada	of which
	Russian Federation	Switzerland	Turkey	United Kingdom	United States						
	32	33	34	35	36	37	38	39	40	41	42

Primary foreign direct investment in the reporting country in € million

Liabilities of inward direct investment relations

2019	4,122	97,777	1,772	81,213	2,499	148	2,021	101,815	89,560	7,420	82,140
2020	4,564	96,511	2,026	83,147	2,113	185	1,643	126,479	97,451	5,135	92,317
2021	3,420	100,638	2,063	115,878	3,786	42	3,280	136,865	109,472	4,128	105,344
2022	2,027	101,257	2,237	109,118	3,691	17	3,262	152,621	125,640	3,566	122,074

Receivables of inward direct investment relations

2019	1,593	17,222	216	22,399	741	1	224	19,858	16,523	1,167	15,356
2020	1,175	17,138	232	22,195	650	1	186	24,128	19,710	528	19,181
2021	3,932	23,154	292	43,914	751	1	252	29,211	24,743	1,084	23,659
2022	765	23,026	327	31,120	952	1	446	32,781	27,617	1,547	26,070

Primary direct investment stocks (accumulated)

2019	2,529	80,555	1,557	58,814	1,758	147	1,796	81,957	73,037	6,253	66,784	
2020	3,389	79,373	1,794	60,951	1,464	184	1,457	102,351	77,741	4,606	73,135	
2021	–	512	77,484	1,770	71,964	3,035	41	3,028	107,654	84,729	3,044	81,685
2022	1,262	78,230	1,910	77,999	2,738	16	2,816	119,840	98,023	2,019	96,004	

Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹

Liabilities of inward direct investment relations

2019	3,672	65,300	1,735	60,669	2,394	31	2,032	76,504	69,317	2,078	67,239
2020	3,892	67,578	1,980	60,642	2,023	90	1,652	97,803	77,697	1,047	76,650
2021	2,961	69,564	2,015	86,507	3,825	42	3,320	106,285	86,789	2,532	84,258
2022	2,026	69,952	2,132	83,835	3,769	17	3,340	121,364	100,847	1,820	99,027

Receivables of inward direct investment relations

2019	1,520	18,135	214	22,942	902	1	388	20,606	17,210	581	16,629
2020	1,134	18,517	231	23,709	766	1	305	24,296	19,642	564	19,078
2021	836	24,594	292	38,115	935	1	437	28,578	23,781	1,114	22,667
2022	765	24,898	327	28,021	1,173	1	668	32,501	27,504	1,577	25,927

Primary and secondary direct investment stocks (accumulated)

2019	2,152	47,164	1,521	37,727	1,492	30	1,644	55,898	52,107	1,497	50,610
2020	2,758	49,061	1,749	36,933	1,257	89	1,346	73,507	58,055	483	57,572
2021	2,124	44,970	1,723	48,391	2,891	41	2,882	77,708	63,009	1,418	61,591
2022	1,260	45,054	1,806	55,814	2,596	16	2,672	88,863	73,343	243	73,100

Key indicators of enterprises in the reporting country ²

Number

2019	47	2,048	37	1,507	27	4	14	1,561	1,378	87	1,297
2020	49	2,091	35	1,495	27	5	13	1,640	1,406	90	1,322
2021	48	2,169	37	1,493	24	5	12	1,700	1,458	93	1,371
2022	40	2,171	37	1,493	24	5	12	1,737	1,494	94	1,407

Employees in thousands

2019	2	460	3	262	5	1	4	245	220	8	212
2020	3	463	3	259	6	1	4	244	218	8	210
2021	3	454	3	249	7	1	6	225	209	18	191
2022	2	463	3	247	7	1	5	238	221	19	202

Annual turnover in € million

2019	20,044	174,484	1,485	201,803	2,188	169	1,823	123,380	111,945	3,358	108,645
2020	13,592	171,670	1,436	171,142	2,018	193	1,662	117,223	105,507	3,236	102,282
2021	19,545	173,111	1,446	185,453	2,358	163	1,986	113,148	102,035	14,047	88,011
2022	1,431	185,685	1,068	214,603	2,934	157	2,582	140,623	128,604	15,898	112,742

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises abroad broken down by country of investor

End of year

America (cont'd)										
Central America							South America			
Year	Total	of which					Total	of which		
		Bahamas	Bermuda	British Virgin Islands	Cayman Islands	Mexico		Panama	Brazil	Uruguay
	43	44	45	46	47	48	49	50	51	52
Primary foreign direct investment in the reporting country in € million										
Liabilities of inward direct investment relations										
2019	10,200	699	3,192	1,274	2,432	255	107	2,055	293	16
2020	26,653	709	5,840	1,410	5,159	1,027	106	2,375	315	17
2021	25,246	486	4,502	1,281	3,183	408	246	2,147	267	49
2022	24,188	481	3,617	1,129	3,612	218	83	2,792	251	54
Receivables of inward direct investment relations										
2019	2,848	660	1,288	185	334	283	13	487	204	35
2020	4,095	663	1,660	357	1,072	250	14	323	186	0
2021	4,004	413	1,821	228	1,138	313	13	464	313	6
2022	4,596	413	2,270	178	997	596	14	567	367	9
Primary direct investment stocks (accumulated)										
2019	7,352	39	1,905	1,090	2,098	28	94	1,568	89	19
2020	22,558	46	4,179	1,053	4,087	778	91	2,052	129	17
2021	21,242	72	2,681	1,053	2,045	95	233	1,683	46	43
2022	19,592	68	1,347	951	2,615	378	69	2,225	116	46
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹										
Liabilities of inward direct investment relations										
2019	5,132	699	876	734	1,938	562	107	2,055	293	16
2020	17,732	709	1,367	877	4,877	337	106	2,375	315	17
2021	17,349	486	1,216	823	2,203	408	246	2,147	267	49
2022	17,726	481	1,499	674	2,868	218	83	2,791	251	54
Receivables of inward direct investment relations										
2019	2,915	660	1,288	119	315	434	13	481	200	35
2020	4,334	663	1,672	302	1,081	250	14	321	185	0
2021	4,334	413	1,840	242	1,155	313	13	463	312	6
2022	4,430	413	2,025	192	1,020	360	14	567	367	9
Primary and secondary direct investment stocks (accumulated)										
2019	2,217	39	412	615	1,623	128	94	1,574	93	19
2020	13,398	46	305	575	3,796	87	91	2,054	129	17
2021	13,015	72	624	581	1,047	95	233	1,684	45	43
2022	13,296	68	525	482	1,848	142	69	2,224	115	46
Key indicators of enterprises in the reporting country ²										
Number										
2019	172	5	25	72	54	10	6	23	12	4
2020	226	5	26	69	55	7	6	23	12	4
2021	234	6	25	63	65	7	6	23	11	5
2022	239	5	25	63	69	8	6	23	11	6
Employees in thousands										
2019	15	0	4	4	4	2	1	11	1	10
2020	16	0	5	3	5	1	1	11	1	9
2021	16	0	5	3	5	1	1	2	1	0
2022	17	0	5	3	5	1	1	2	1	0
Annual turnover in € million										
2019	8,664	31	4,278	822	2,261	342	928	3,141	892	2,164
2020	9,341	20	5,411	846	2,216	156	451	2,664	745	1,873
2021	10,302	15	5,887	716	2,335	167	937	1,037	890	82
2022	11,207	3	6,436	688	2,640	238	953	1,047	878	116

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises abroad broken down by country of investor

End of year

Year	Asia									
	Near and Middle East countries							Other Asian countries		
	Total	Total	of which				Total	of which		
Israel			Kuwait	Lebanon	Qatar	United Arab Emirates		China	Hong Kong	
	53	54	55	56	57	58	59	60	61	62
Primary foreign direct investment in the reporting country in € million										
Liabilities of inward direct investment relations										
2019	72,673	5,762	1,040	215	27	2,549	1,305	66,910	6,606	6,980
2020	70,978	3,253	961	180	23	73	1,330	67,725	6,272	4,058
2021	70,121	4,440	1,243	178	22	.	1,420	65,681	7,521	5,138
2022	78,686	6,385	1,530	174	20	.	1,926	72,301	8,149	4,442
Receivables of inward direct investment relations										
2019	12,336	745	157	26	1	12	255	11,591	1,990	688
2020	10,379	967	144	43	1	24	444	9,412	1,586	617
2021	10,587	856	198	33	0	.	261	9,730	1,937	749
2022	13,026	844	172	43	0	.	235	12,182	2,338	720
Primary direct investment stocks (accumulated)										
2019	60,337	5,017	884	189	26	2,537	1,050	55,320	4,617	6,292
2020	60,599	2,286	818	137	22	49	886	58,313	4,686	3,441
2021	59,535	3,584	1,045	145	22	.	1,159	55,951	5,584	4,389
2022	65,660	5,541	1,359	131	20	.	1,691	60,119	5,811	3,722
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹										
Liabilities of inward direct investment relations										
2019	57,300	4,660	775	122	27	2,539	575	52,641	5,722	3,150
2020	57,264	2,117	618	74	23	64	662	55,147	5,412	2,932
2021	57,213	3,117	732	74	22	.	732	54,096	6,391	4,015
2022	64,877	5,083	1,011	74	20	.	1,263	59,794	6,940	3,074
Receivables of inward direct investment relations										
2019	11,388	828	243	26	1	12	259	10,561	1,916	460
2020	9,920	1,016	197	43	1	25	447	8,904	1,499	584
2021	9,880	964	310	37	0	.	260	8,916	1,828	678
2022	12,221	956	284	51	0	.	234	11,265	2,172	547
Primary and secondary direct investment stocks (accumulated)										
2019	45,912	3,832	531	96	26	2,527	317	42,080	3,806	2,690
2020	47,343	1,100	422	31	22	39	215	46,243	3,913	2,348
2021	47,334	2,153	422	37	22	.	472	45,180	4,563	3,337
2022	52,656	4,127	727	23	20	.	1,029	48,529	4,768	2,527
Key indicators of enterprises in the reporting country ²										
Number										
2019	1,235	137	56	14	8	8	40	1,100	190	126
2020	1,298	135	56	14	8	8	35	1,167	215	130
2021	1,343	152	67	13	7	.	46	1,195	218	141
2022	1,345	151	65	13	6	.	48	1,197	221	137
Employees in thousands										
2019	150	14	5	2	0	1	2	137	23	17
2020	160	14	5	2	0	1	2	146	26	16
2021	162	15	5	2	0	.	3	147	25	17
2022	160	15	5	2	0	.	3	145	25	15
Annual turnover in € million										
2019	125,923	16,554	2,764	415	30	159	546	109,368	7,755	5,836
2020	124,685	16,727	2,502	372	27	112	903	107,962	7,891	6,517
2021	141,856	26,429	3,111	624	28	.	583	115,431	7,981	7,499
2022	169,764	40,283	3,452	690	28	.	750	129,485	10,069	7,002

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises abroad broken down by country of investor

End of year

Year	Asia (cont'd)								Australia, Oceania and Polar regions	
	Other Asian countries (cont'd)								Total	of which
	India	Iran	Japan	Korea, Republic of	Malaysia	Singapore	Taiwan	Thailand		Australia
	63	64	65	66	67	68	69	70	71	72

Primary foreign direct investment in the reporting country in € million

Liabilities of inward direct investment relations

2019	669	1,810	35,824	6,038	777	7,447	355	181	4,668	4,590
2020	786	1,806	37,173	8,436	766	7,690	382	119	4,642	4,564
2021	794	1,709	34,099	7,106	689	7,683	409	232	3,958	3,866
2022	806	1,803	38,467	8,737	783	8,180	458	221	4,418	4,315

Receivables of inward direct investment relations

2019	256	51	5,761	1,349	143	1,119	44	74	1,173	1,163
2020	306	121	3,342	1,528	180	1,512	36	49	1,219	1,210
2021	375	113	3,600	1,039	224	1,389	78	56	2,411	2,382
2022	355	117	4,996	1,489	288	1,547	78	73	2,712	2,677

Primary direct investment stocks (accumulated)

2019	413	1,759	30,063	4,688	634	6,327	311	107	3,494	3,427
2020	480	1,685	33,831	6,908	585	6,178	346	70	3,424	3,354
2021	419	1,595	30,499	6,067	465	6,294	331	177	1,547	1,484
2022	451	1,686	33,472	7,247	495	6,633	381	147	1,706	1,638

Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹

Liabilities of inward direct investment relations

2019	698	1,542	32,268	5,672	480	2,331	342	180	4,571	4,512
2020	872	1,569	32,981	7,968	456	1,979	299	119	5,108	5,052
2021	850	1,093	30,268	7,124	515	2,599	380	232	3,606	3,540
2022	876	1,189	35,244	7,908	609	2,703	441	221	4,127	4,053

Receivables of inward direct investment relations

2019	265	48	5,559	1,404	119	557	43	73	1,206	1,195
2020	353	118	3,257	1,548	154	879	36	48	1,240	1,231
2021	376	110	3,532	1,006	196	852	75	56	2,380	2,368
2022	375	113	4,841	1,578	259	1,009	78	73	2,139	2,120

Primary and secondary direct investment stocks (accumulated)

2019	433	1,494	26,710	4,268	361	1,774	299	107	3,365	3,316
2020	518	1,451	29,724	6,420	302	1,100	263	71	3,868	3,821
2021	474	983	26,736	6,118	319	1,747	305	177	1,225	1,172
2022	501	1,076	30,403	6,330	349	1,695	364	148	1,988	1,933

Key indicators of enterprises in the reporting country ²

Number

2019	30	40	548	62	16	63	24	5	76	67
2020	33	42	556	66	15	77	26	5	82	74
2021	35	43	556	67	15	87	27	7	92	83
2022	34	42	548	72	15	95	26	7	91	84

Employees in thousands

2019	3	0	77	6	2	8	1	1	12	11
2020	4	0	76	7	1	12	1	1	13	12
2021	4	0	79	7	1	12	1	1	13	12
2022	4	0	78	7	1	12	1	1	13	12

Annual turnover in € million

2019	784	857	57,610	31,342	932	3,780	449	195	4,909	4,640
2020	1,392	841	54,751	30,573	843	3,692	467	184	5,416	5,218
2021	1,428	650	53,637	36,178	929	5,499	555	170	5,894	5,665
2022	1,713	748	58,801	42,554	1,292	5,329	574	217	6,846	6,611

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by economic activity of the investment enterprises

End of year

Year	All economic activities	Agriculture, forestry and fishing	Mining and quarrying			Manufacturing				
			Total	of which		Total	Manufacture of food products	Manufacture of beverages	Manufacture of tobacco products	Manufacture of textiles
Extraction of crude petroleum and natural gas	Other mining and quarrying	6		7	8						9	10
	1	2	3	4	5	6	7	8	9	10
Primary foreign direct investment in the reporting country in € million										
Liabilities of inward direct investment relations										
2019	1,031,570	.	4,026	2,892	.	125,755	4,561	1,790	1,981	312
2020	1,110,364	224	3,664	2,747	79	127,833	5,072	1,584	1,948	353
2021	1,204,235	.	3,357	2,518	.	142,312	5,241	1,785	2,285	357
2022	1,240,947	418	2,188	1,385	74	149,056	5,140	1,712	2,773	400
Receivables of inward direct investment relations										
2019	225,461	.	1,137	131	.	81,855	3,178	818	493	211
2020	238,572	47	1,195	380	73	80,495	1,987	664	477	191
2021	309,009	.	1,408	431	.	91,099	2,134	836	644	119
2022	285,404	170	1,294	398	99	96,545	2,763	973	2,388	118
Primary direct investment stocks (accumulated)										
2019	806,109	.	2,889	2,761	.	43,900	1,383	973	1,488	101
2020	871,792	177	2,469	2,368	6	47,338	3,085	920	1,471	162
2021	895,226	.	1,949	2,087	.	51,214	3,108	949	1,641	237
2022	955,543	249	894	987	- 24	52,511	2,376	739	385	282
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹										
Liabilities of inward direct investment relations										
2019	799,131	.	5,935	3,318	.	245,357	8,766	2,486	7,386	715
2020	863,264	278	5,567	3,166	438	246,080	8,587	2,122	7,295	722
2021	946,893	.	5,167	2,826	.	265,940	8,686	2,328	7,556	735
2022	976,615	459	5,665	3,244	454	276,697	8,298	2,245	7,597	786
Receivables of inward direct investment relations										
2019	238,185	.	1,467	133	.	104,787	3,319	880	493	268
2020	253,389	47	1,579	390	77	105,478	2,195	723	477	191
2021	308,674	.	3,014	1,677	.	115,299	2,589	891	644	145
2022	295,495	170	1,788	422	99	124,325	3,010	1,022	2,388	177
Primary and secondary direct investment stocks (accumulated)										
2019	560,946	.	4,468	3,184	.	140,570	5,447	1,606	6,893	447
2020	609,875	231	3,988	2,776	361	140,602	6,392	1,399	6,819	531
2021	638,219	.	2,154	1,149	.	150,642	6,097	1,437	6,912	590
2022	681,121	289	3,877	2,822	356	152,372	5,289	1,224	5,209	609
Key indicators of enterprises in the reporting country										
Number										
2019	17,224	.	67	15	.	4,415	197	26	12	50
2020	17,741	40	69	15	34	4,404	200	22	12	51
2021	18,174	.	71	15	.	4,417	195	24	12	50
2022	18,337	45	73	15	39	4,409	192	24	12	50
Employees in thousands										
2019	3,258	.	14	3	.	1,493	72	12	7	9
2020	3,233	2	13	2	2	1,459	71	11	6	8
2021	3,235	.	12	2	.	1,434	69	11	6	8
2022	3,287	2	12	2	2	1,439	70	11	6	7
Annual turnover in € million										
2019	1,759,129	.	4,689	1,932	.	700,653	34,013	5,133	11,229	1,908
2020	1,743,404	759	4,450	1,910	843	625,096	33,837	4,174	11,136	1,831
2021	1,927,382	.	8,287	5,512	.	667,175	32,455	4,520	11,254	1,824
2022	2,060,202	704	18,865	15,382	938	763,884	36,121	4,970	10,871	2,096

¹ Consolidated secondary direct investments are secondary capital relations of investments held by foreigners in enterprises in the reporting country by dependent holding companies domiciled in the reporting country.

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by economic activity of the investment enterprises (cont'd)

End of year

Manufacturing (cont'd)

Year	Manufacture of wearing apparel	Manufacture of leather and related products	Manufacture of articles of straw and plaiting materials	Manufacture of wood and of products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	Manufacture of paper and paper products	Printing and reproduction of recorded media	Manufacture of coke and refined petroleum products	Manufacture of chemicals and chemical products	Manufacture of basic pharmaceutical products and pharmaceutical preparations	Manufacture of rubber and plastic products	Manufacture of other non-metallic mineral products
	11	12	13	14	15	16	17	18	19	20	
Primary foreign direct investment in the reporting country in € million											
Liabilities of inward direct investment relations											
2019	316	123	1,021	3,358	339	4,571	15,701	15,325	5,332	3,952	
2020	307	110	1,079	3,616	280	3,866	14,980	15,584	5,593	4,622	
2021	346	118	1,234	3,946	365	5,268	16,455	14,867	6,157	5,188	
2022	505	191	1,229	4,091	364	5,845	16,730	13,108	6,299	5,379	
Receivables of inward direct investment relations											
2019	77	10	118	1,093	84	1,790	9,740	8,451	2,340	3,259	
2020	83	13	133	1,003	89	1,645	10,086	10,130	2,280	3,374	
2021	131	10	194	1,245	105	2,127	14,477	10,392	2,434	2,509	
2022	215	22	189	1,195	75	4,526	13,600	9,425	2,369	2,289	
Primary direct investment stocks (accumulated)											
2019	239	113	902	2,265	256	2,781	5,960	6,875	2,991	693	
2020	224	98	946	2,613	191	2,221	4,894	5,454	3,312	1,248	
2021	215	107	1,040	2,701	260	3,141	1,979	4,475	3,723	2,680	
2022	290	168	1,040	2,896	289	1,318	3,131	3,682	3,930	3,090	
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹											
Liabilities of inward direct investment relations											
2019	371	139	1,807	9,687	1,192	13,355	33,506	30,105	8,988	10,490	
2020	349	124	1,802	9,450	905	12,547	33,534	32,663	8,921	11,097	
2021	382	173	2,078	9,764	1,215	13,975	35,897	31,977	9,888	10,998	
2022	528	246	2,183	10,080	1,198	16,421	36,244	29,619	10,292	10,625	
Receivables of inward direct investment relations											
2019	79	10	134	2,375	304	6,281	11,258	12,319	2,971	4,033	
2020	83	13	134	1,937	332	7,612	12,166	13,259	2,957	4,005	
2021	131	10	196	2,493	180	7,074	16,619	14,674	2,745	3,121	
2022	215	22	214	2,542	120	10,190	16,335	14,454	2,665	2,932	
Primary and secondary direct investment stocks (accumulated)											
2019	292	129	1,673	7,311	888	7,074	22,248	17,787	6,017	6,457	
2020	266	112	1,668	7,513	573	4,935	21,368	19,403	5,964	7,092	
2021	251	163	1,882	7,270	1,035	6,900	19,278	17,303	7,143	7,877	
2022	313	224	1,970	7,538	1,078	6,232	19,909	15,165	7,627	7,693	
Key indicators of enterprises in the reporting country											
Number											
2019	20	6	50	120	72	25	369	127	334	201	
2020	19	6	46	119	66	27	378	131	328	197	
2021	22	10	43	117	65	27	383	137	319	196	
2022	24	11	45	114	64	27	369	136	321	189	
Employees in thousands											
2019	8	1	14	40	9	12	110	53	94	50	
2020	7	1	15	39	8	12	109	65	90	48	
2021	8	3	15	38	7	11	107	71	87	48	
2022	8	5	15	38	9	11	104	71	90	46	
Annual turnover in € million											
2019	2,495	426	5,961	17,120	2,197	91,365	64,039	35,114	29,290	15,111	
2020	1,983	319	5,872	15,326	2,069	65,306	59,954	40,875	25,875	14,163	
2021	2,346	659	7,099	15,944	2,029	83,164	66,885	47,653	26,801	14,494	
2022	3,180	1,280	8,029	18,865	2,133	118,983	78,780	47,217	30,157	16,172	

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by economic activity of the investment enterprises (cont'd)

End of year

Manufacturing (cont'd)

Year	21	22	23	24	25	26	27	28	29	30
	Manufacture of basic metals	Manufacture of fabricated metal products, except machinery and equipment	Manufacture of electronic components and boards	Manufacture of computer and peripheral equipment	Manufacture of communication equipment; manufacture of consumer electronics	Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks, electromedical and electrotherapeutic equipment	Manufacture of optical instruments and photographic equipment; manufacture of magnetic and optical media	Manufacture of electrical equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of motor vehicles, trailers and semi-trailers
	21	22	23	24	25	26	27	28	29	30
Primary foreign direct investment in the reporting country in € million										
Liabilities of inward direct investment relations										
2019	3,328	4,754	3,532	284	2,339	7,134	1,048	11,736	16,984	4,911
2020	3,589	4,638	3,345	918	2,686	8,506	966	11,778	16,652	6,862
2021	3,364	4,875	3,894	899	2,494	7,837	831	13,079	18,755	10,762
2022	3,523	5,303	5,019	904	2,481	8,419	880	13,292	19,515	12,227
Receivables of inward direct investment relations										
2019	2,498	1,961	2,357	2,361	1,924	5,747	251	6,644	9,401	6,833
2020	2,262	1,655	2,204	2,426	1,532	5,465	285	5,725	9,656	9,032
2021	2,925	1,955	2,618	2,850	1,600	4,559	308	6,178	10,798	10,796
2022	3,006	1,854	3,119	2,976	1,648	4,885	475	6,165	10,735	10,020
Primary direct investment stocks (accumulated)										
2019	831	2,794	1,176	2,077	415	1,386	797	5,092	7,583	1,922
2020	1,328	2,983	1,140	1,508	1,154	3,041	681	6,053	6,996	2,170
2021	440	2,919	1,276	1,951	894	3,279	523	6,901	7,956	33
2022	517	3,449	1,900	2,072	833	3,534	405	7,126	8,780	2,207
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹										
Liabilities of inward direct investment relations										
2019	7,534	8,815	5,418	929	3,150	15,656	861	16,077	29,147	12,048
2020	7,742	8,696	4,846	1,031	3,207	15,299	737	17,971	28,241	13,375
2021	8,303	9,057	5,407	1,049	3,218	14,923	753	19,655	31,822	18,391
2022	8,337	9,371	6,610	1,055	3,459	15,518	1,117	21,067	33,998	20,298
Receivables of inward direct investment relations										
2019	3,188	2,992	2,482	2,364	2,249	6,560	294	8,596	11,999	8,497
2020	3,075	2,628	2,228	2,428	1,789	6,524	285	7,847	12,331	10,808
2021	3,069	2,426	2,660	2,853	1,999	5,108	308	8,676	13,381	12,331
2022	3,148	2,396	3,193	2,979	2,137	5,298	476	8,928	14,448	11,756
Primary and secondary direct investment stocks (accumulated)										
2019	4,347	5,823	2,936	1,435	901	9,096	567	7,481	17,147	3,551
2020	4,667	6,067	2,618	1,397	1,419	8,774	452	10,124	15,910	2,567
2021	5,234	6,630	2,747	1,805	1,219	9,816	444	10,979	18,441	6,060
2022	5,189	6,975	3,417	1,924	1,322	10,219	642	12,139	19,550	8,542
Key indicators of enterprises in the reporting country										
Number										
2019	153	431	66	30	59	333	29	325	851	253
2020	160	420	69	31	54	349	33	320	852	242
2021	162	427	71	33	55	336	33	323	848	245
2022	161	421	73	33	57	338	35	333	858	241
Employees in thousands										
2019	69	98	20	12	20	94	8	87	269	186
2020	66	95	23	13	20	88	10	87	262	165
2021	61	96	25	12	19	85	9	90	261	157
2022	61	95	25	12	21	85	11	97	263	151
Annual turnover in € million										
2019	40,495	25,314	7,218	10,318	7,267	30,368	2,172	30,409	83,285	93,693
2020	36,959	22,957	7,692	9,890	6,568	27,734	3,656	30,594	75,261	74,265
2021	40,861	25,462	8,461	9,902	5,683	25,235	3,874	30,910	80,574	73,799
2022	47,033	29,622	9,767	11,029	6,317	26,086	4,673	36,295	84,234	80,770

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by economic activity of the investment enterprises (cont'd)

End of year

Year	Manufacturing (cont'd)			Electricity, gas, steam and air conditioning supply	Water supply, sewerage, waste management and remediation activities		Construction	Wholesale and retail trade; repair of motor vehicles and motorcycles	Transportation and storage		
	Manufacture of other transport equipment	Manufacture of furniture	Other manufacturing; repair and installation of machinery and equipment		Total	of which			Total	of which	
						Waste collection, treatment and disposal activities; materials recovery					Land transport and transport via pipelines
	31	32	33	34	35	36	37	38	39	40	
Primary foreign direct investment in the reporting country in € million											
Liabilities of inward direct investment relations											
2019	6,663	203	4,157	9,792	302	300	3,700	74,917	15,685	1,693	
2020	5,109	192	3,597	11,265	152	149	3,953	76,719	17,594	1,672	
2021	7,664	162	4,083	14,708	279	271	5,222	84,430	19,520	1,565	
2022	8,950	193	4,583	9,339	311	303	5,686	88,091	19,896	1,476	
Receivables of inward direct investment relations											
2019	8,138	36	2,041	2,938	107	102	1,113	37,452	6,117	996	
2020	6,211	51	1,835	4,134	137	112	1,570	39,316	6,977	1,169	
2021	7,737	38	1,379	10,374	243	217	1,948	42,655	7,485	1,110	
2022	9,996	39	1,477	4,553	302	278	2,111	42,990	6,492	1,438	
Primary direct investment stocks (accumulated)											
2019	- 1,475	166	2,116	6,853	195	198	2,587	37,465	9,568	697	
2020	- 1,102	141	1,761	7,130	15	38	2,383	37,403	10,617	503	
2021	- 73	125	2,703	4,335	36	54	3,274	41,775	12,035	454	
2022	- 1,045	155	3,106	4,786	9	25	3,575	45,101	13,403	37	
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹											
Liabilities of inward direct investment relations											
2019	10,897	398	5,433	33,053	1,312	1,240	4,556	108,613	22,556	5,948	
2020	9,209	407	5,201	48,030	1,221	1,160	4,923	108,439	24,703	5,949	
2021	11,529	380	5,802	52,881	1,615	1,565	6,380	117,789	26,938	6,028	
2022	12,799	618	6,086	40,765	1,457	1,407	6,807	122,206	27,553	6,043	
Receivables of inward direct investment relations											
2019	8,574	49	2,219	7,499	382	340	2,045	45,758	6,441	1,135	
2020	7,487	61	1,903	10,494	470	407	2,920	46,863	7,277	1,260	
2021	9,094	45	1,835	23,170	559	508	3,823	51,101	7,844	1,266	
2022	11,325	46	1,909	13,370	585	536	3,774	51,750	6,834	1,565	
Primary and secondary direct investment stocks (accumulated)											
2019	2,323	349	3,215	25,554	930	900	2,512	62,855	16,115	4,813	
2020	1,722	346	3,298	37,536	751	753	2,003	61,576	17,426	4,689	
2021	2,435	335	3,967	29,711	1,056	1,057	2,556	66,688	19,094	4,761	
2022	1,474	572	4,178	27,395	872	870	3,033	70,456	20,719	4,477	
Key indicators of enterprises in the reporting country											
Number											
2019	97	39	140	382	100	93	238	2,962	564	173	
2020	97	38	137	395	105	96	249	2,952	603	186	
2021	100	37	147	404	108	100	254	3,002	648	185	
2022	96	35	150	421	104	96	266	2,996	676	181	
Employees in thousands											
2019	99	6	35	25	12	11	71	573	168	54	
2020	98	6	35	29	12	11	72	573	172	55	
2021	89	5	37	29	10	9	73	546	191	63	
2022	81	5	38	29	10	9	75	555	185	56	
Annual turnover in € million											
2019	43,155	1,477	10,080	164,226	5,900	5,731	20,010	500,093	66,159	15,552	
2020	36,486	1,414	8,899	233,498	5,567	5,368	22,347	491,887	66,060	16,005	
2021	34,365	1,418	9,504	316,327	6,883	6,740	19,516	508,273	84,590	19,731	
2022	37,490	1,266	10,448	247,616	6,499	6,356	20,241	555,815	105,026	22,708	

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by economic activity of the investment enterprises (cont'd)

End of year

Year	Water transport	Accommodation and food service activities	Information und Communication				Financial and insurance activities			
			Total	of which Publishing activities	Programming and broadcasting activities	Telecommunications	Computer programming, consultancy and related activities	Total	Monetary intermediation	Holding companies without management function
	41	42	43	44	45	46	47	48	49	50
Primary foreign direct investment in the reporting country in € million										
Liabilities of inward direct investment relations										
2019	7,885	2,611	34,922	1,241	267	23,430	8,926	371,634	60,086	268,239
2020	8,429	2,428	42,547	1,224	306	29,028	10,922	414,652	70,486	302,296
2021	9,154	2,379	53,954	1,642	275	36,319	13,781	440,296	77,301	311,914
2022	10,047	2,582	58,556	1,483	294	40,257	14,368	467,730	95,984	317,177
Receivables of inward direct investment relations										
2019	2,527	601	13,552	49	7	2,411	10,608	39,498	177	19,427
2020	2,162	805	15,746	70	116	3,236	11,374	43,988	241	23,617
2021	2,051	807	18,654	76	114	3,627	13,962	62,461	27	35,119
2022	1,081	939	19,101	109	69	3,023	14,250	48,233	596	20,976
Primary direct investment stocks (accumulated)										
2019	5,358	2,010	21,371	1,192	260	21,019	1,682	332,136	59,910	248,812
2020	6,267	1,623	26,801	1,154	190	25,792	453	370,664	70,245	278,679
2021	7,102	1,572	35,300	1,566	161	32,692	181	377,836	77,273	276,796
2022	8,966	1,643	39,454	1,374	226	37,235	118	419,497	95,388	296,201
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹										
Liabilities of inward direct investment relations										
2019	8,299	3,601	50,647	1,362	295	33,879	11,818	215,188	77,919	74,651
2020	8,864	3,893	55,157	1,289	605	36,511	14,104	240,416	87,944	85,197
2021	9,593	3,878	68,098	1,704	336	43,921	17,939	263,225	97,202	88,234
2022	10,548	4,191	71,833	1,539	318	47,195	18,318	282,784	117,364	78,653
Receivables of inward direct investment relations										
2019	2,528	744	14,374	117	7	2,417	10,829	33,943	214	9,239
2020	2,167	1,162	17,173	131	118	3,258	12,142	37,364	279	12,616
2021	2,062	1,109	19,588	143	115	3,643	14,272	50,992	65	20,031
2022	1,164	1,209	19,829	168	70	3,045	14,665	43,425	634	12,070
Primary and secondary direct investment stocks (accumulated)										
2019	5,771	2,858	36,272	1,244	288	31,463	989	181,245	77,705	65,412
2020	6,697	2,731	37,983	1,158	487	33,253	1,962	203,053	87,665	72,580
2021	7,531	2,770	48,510	1,561	221	40,277	3,667	212,233	97,137	68,203
2022	9,384	2,981	52,004	1,370	247	44,150	3,652	239,359	116,730	66,583
Key indicators of enterprises in the reporting country										
Number										
2019	119	151	798	29	31	92	513	2,564	164	1,494
2020	117	163	902	29	29	129	586	2,655	160	1,559
2021	127	164	953	26	28	126	644	2,760	165	1,602
2022	129	165	964	26	26	127	655	2,754	151	1,578
Employees in thousands										
2019	11	67	174	4	3	32	113	109	57	0
2020	10	62	192	4	3	33	130	112	60	0
2021	10	53	200	4	4	32	138	115	63	0
2022	11	55	202	3	3	32	141	120	68	0
Annual turnover in € million										
2019	22,612	7,595	80,508	1,626	3,855	26,520	41,113	101,452	29,510	1,568
2020	19,689	4,255	83,721	1,566	3,662	25,966	45,781	105,750	34,171	1,412
2021	28,352	2,877	87,463	1,425	3,905	27,808	47,071	113,459	37,473	1,962
2022	42,704	4,229	90,934	1,472	3,388	26,738	51,927	122,624	43,746	1,952

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by economic activity of the investment enterprises (cont'd)

End of year

Year	Financial and insurance activities (cont'd)				Real estate activities	Professional, scientific and technical activities					
	Other financial service activities, except insurance and pension funding	Insurance and reinsurance	Pension funding	Activities auxiliary to financial services and insurance activities		Total	of which				
	51	52	53	54	55	56	57	58	59	60	
Primary foreign direct investment in the reporting country in € million											
Liabilities of inward direct investment relations											
2019	22,216	5,806	10	14,002	26,041	351,042	342,979	1,089	883	4,186	
2020	18,331	5,642	9	16,618	32,108	368,011	358,850	1,349	978	4,971	
2021	27,559	5,630	19	15,562	35,038	393,141	380,855	1,688	1,220	6,550	
2022	28,275	6,671	-	17,669	35,543	390,002	376,175	1,987	1,364	7,487	
Receivables of inward direct investment relations											
2019	3,652	8,620	356	6,879	3,207	34,225	29,457	968	489	1,859	
2020	4,074	8,373	209	7,114	3,760	36,886	31,300	1,465	558	2,380	
2021	8,567	10,878	209	7,339	4,790	62,681	56,354	1,865	935	2,164	
2022	8,438	9,636	174	8,347	4,874	52,709	44,575	2,092	1,223	3,127	
Primary direct investment stocks (accumulated)											
2019	18,565	-	2,813	-	346	7,123	22,835	316,817	313,522	121	394
2020	14,257	-	2,731	-	200	9,504	28,348	331,125	327,551	-	116
2021	18,992	-	5,248	-	190	8,223	30,248	330,460	324,501	-	177
2022	19,838	-	2,965	-	180	9,322	30,669	337,293	331,600	-	105
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹											
Liabilities of inward direct investment relations											
2019	31,409	11,592	1,452	16,723	36,436	55,258	41,226	2,592	1,618	4,803	
2020	34,105	11,327	1,305	19,030	41,163	67,847	52,709	2,434	1,552	5,948	
2021	44,719	11,396	1,208	18,056	44,618	74,433	55,722	2,934	1,886	7,948	
2022	49,129	12,172	1,142	20,359	45,854	71,336	50,678	3,077	2,613	8,844	
Receivables of inward direct investment relations											
2019	5,504	9,116	2,057	7,407	3,995	11,839	5,304	2,063	662	1,967	
2020	5,827	8,780	2,005	7,493	4,446	12,921	5,607	2,258	802	2,523	
2021	9,432	11,738	2,008	7,385	5,690	20,508	12,346	2,547	1,206	2,404	
2022	9,388	10,482	2,203	8,578	5,663	15,942	6,067	2,562	1,577	3,363	
Primary and secondary direct investment stocks (accumulated)											
2019	25,905	2,476	-	606	9,317	32,440	43,419	35,922	529	957	
2020	28,278	2,547	-	700	11,538	36,717	54,926	47,101	176	751	
2021	35,287	-	343	-	800	10,671	38,929	53,926	43,376	387	
2022	39,741	1,690	-	1,061	11,781	40,191	55,394	44,611	516	1,036	
Key indicators of enterprises in the reporting country											
Number											
2019	238	90	44	470	2,241	1,666	890	119	158	175	
2020	241	92	46	489	2,364	1,748	927	139	175	192	
2021	237	91	43	542	2,372	1,841	959	154	195	205	
2022	238	93	43	565	2,435	1,884	967	159	214	210	
Employees in thousands											
2019	8	28	0	15	12	179	39	32	31	36	
2020	9	26	0	16	13	185	40	34	34	36	
2021	9	26	-	17	14	201	44	37	38	37	
2022	9	25	-	18	16	220	45	41	40	50	
Annual turnover in € million											
2019	11,694	49,984	668	7,503	17,945	47,334	14,450	8,559	4,797	9,307	
2020	12,028	49,934	663	7,252	13,324	47,305	15,061	8,585	5,458	9,165	
2021	11,252	52,967	997	8,676	13,935	53,206	15,107	10,195	6,166	9,788	
2022	12,585	53,296	1,169	9,713	14,274	58,777	16,121	11,031	6,540	12,572	

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by economic activity of the investment enterprises (cont'd)

End of year

Year	Administrative and support service activities					Education	Human health and social work activities	Arts, entertainment and recreation	Public administration	Other service activities
	Advertising, market research and public opinion polling	Total	of which							
Rental and leasing activities			Travel agency, tour operator and other reservation service and related activities	Office administrative, office support and other business support activities	66	67	68	69	70	
61	62	63	64	65	66	67	68	69	70	
Primary foreign direct investment in the reporting country in € million										
Liabilities of inward direct investment relations										
2019	1,038	8,367	3,088	869	3,922	57	1,206	583	–	573
2020	1,062	6,952	3,107	705	2,636	47	1,231	765	–	218
2021	1,571	7,147	3,869	676	2,109	68	1,041	740	–	236
2022	1,674	8,461	4,499	664	2,454	91	1,238	1,007	–	743
Receivables of inward direct investment relations										
2019	559	2,996	1,269	183	1,401	32	160	272	–	102
2020	424	2,917	1,166	92	1,413	18	175	361	–	45
2021	660	3,556	1,543	302	1,470	33	263	375	–	48
2022	829	4,411	1,679	310	2,045	31	247	359	–	43
Primary direct investment stocks (accumulated)										
2019	479	5,371	1,819	686	2,521	25	1,047	311	–	471
2020	638	4,035	1,941	614	1,223	29	1,056	405	–	173
2021	911	3,591	2,326	374	639	35	778	365	–	188
2022	844	4,050	2,820	354	409	60	990	648	–	700
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹										
Liabilities of inward direct investment relations										
2019	1,827	11,697	4,720	878	4,776	253	2,296	1,185	–	785
2020	1,990	11,026	4,472	700	4,546	208	2,381	1,470	–	459
2021	2,641	11,020	5,307	683	3,747	143	2,304	1,600	–	466
2022	2,747	13,307	6,345	671	4,574	176	2,598	1,906	–	1,015
Receivables of inward direct investment relations										
2019	832	3,737	1,411	206	1,699	33	383	498	–	163
2020	857	3,925	1,324	101	1,868	19	421	695	–	133
2021	1,194	4,433	1,696	302	1,849	41	405	871	–	97
2022	1,366	5,407	1,826	310	2,537	40	485	813	–	87
Primary and secondary direct investment stocks (accumulated)										
2019	995	7,960	3,309	673	3,077	220	1,913	687	–	622
2020	1,133	7,101	3,148	600	2,678	189	1,961	774	–	326
2021	1,446	6,587	3,611	381	1,899	102	1,899	729	–	368
2022	1,381	7,900	4,519	361	2,037	136	2,113	1,093	–	928
Key indicators of enterprises in the reporting country										
Number										
2019	179	585	110	37	304	18	329	68	–	33
2020	171	589	112	31	310	21	375	69	–	36
2021	168	609	117	36	312	22	400	69	–	34
2022	170	618	116	37	317	25	389	73	–	37
Employees in thousands										
2019	23	266	14	8	50	3	67	15	–	8
2020	22	243	10	9	55	4	70	12	–	8
2021	22	255	13	7	55	4	75	13	–	8
2022	22	263	12	7	53	4	79	13	–	9
Annual turnover in € million										
2019	6,135	32,220	7,078	3,072	11,712	351	5,391	2,639	–	981
2020	4,902	29,480	5,379	883	13,689	325	6,437	2,383	–	760
2021	7,717	33,629	6,332	2,089	13,071	344	7,440	2,547	–	765
2022	8,270	36,251	6,594	2,513	14,380	517	10,191	2,864	–	882

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by country where the corporate headquarters are resident

End of year

Year	Europe										
	All countries	EU member states									
		Total	Euro area								
			Total	Total	of which						
1	2	3	4	Austria	Belgium	Cyprus	Finland	France	Germany	Greece	11
Primary foreign direct investment in the reporting country in € million											
Liabilities of inward direct investment relations											
2019	1,031,570	647,002	464,270	423,069	28,211	13,590	2,198	9,518	77,230	79,140	124
2020	1,110,364	694,649	508,603	464,518	34,513	12,678	1,558	15,857	81,272	77,580	88
2021	1,204,235	766,143	563,835	516,608	38,690	12,487	1,162	24,444	84,001	88,279	99
2022	1,240,947	784,074	581,127	527,525	40,396	12,805	992	5,700	86,751	86,723	106
Receivables of inward direct investment relations											
2019	225,461	123,910	94,107	83,229	3,790	3,911	717	2,777	24,125	4,126	76
2020	238,572	130,595	100,491	87,734	5,557	3,509	228	9,091	25,046	2,003	5
2021	309,009	183,510	139,011	112,214	5,592	3,742	392	21,573	25,529	2,553	10
2022	285,404	162,303	119,767	99,998	6,067	3,671	184	2,370	25,607	1,792	21
Primary direct investment stocks (accumulated)											
2019	806,109	523,093	370,163	339,840	24,421	9,679	1,481	6,741	53,105	75,014	48
2020	871,792	564,054	408,113	376,784	28,956	9,170	1,330	6,766	56,226	75,577	83
2021	895,226	582,633	424,825	404,394	33,098	8,745	770	2,871	58,472	85,726	89
2022	955,543	621,771	461,360	427,528	34,329	9,134	809	3,330	61,144	84,931	85
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹											
Liabilities of inward direct investment relations											
2019	799,131	504,341	372,092	336,408	27,691	13,816	2,147	8,742	56,349	59,322	124
2020	863,264	536,926	400,648	365,159	35,374	14,841	1,498	22,163	56,949	58,477	88
2021	946,893	606,123	459,764	423,443	38,686	14,162	1,127	28,864	57,327	75,995	99
2022	976,615	607,211	453,203	412,652	39,690	14,843	950	3,782	56,350	75,319	106
Receivables of inward direct investment relations											
2019	238,185	126,517	93,321	79,486	4,652	4,833	748	2,887	23,700	1,873	76
2020	253,389	134,855	100,178	83,889	6,408	4,753	261	7,602	24,625	1,289	5
2021	308,674	175,152	131,808	110,130	6,380	5,162	452	20,018	23,841	2,132	10
2022	295,495	159,382	118,079	97,433	7,087	4,556	244	2,498	25,646	1,634	21
Primary and secondary direct investment stocks (accumulated)											
2019	560,946	377,824	278,771	256,922	23,039	8,983	1,399	5,855	32,650	57,449	48
2020	609,875	402,071	300,469	281,270	28,966	10,088	1,236	14,561	32,324	57,188	83
2021	638,219	430,971	327,956	313,313	32,306	9,000	675	8,846	33,486	73,862	89
2022	681,121	447,829	335,123	315,219	32,603	10,287	706	1,284	30,704	73,685	85
Key indicators of enterprises in the reporting country											
Number											
2019	17,224	12,012	8,699	7,738	864	269	113	135	1,394	1,022	4
2020	17,741	12,483	9,082	8,078	890	258	114	159	1,432	1,066	5
2021	18,174	12,868	9,369	8,345	924	253	75	155	1,431	1,159	7
2022	18,337	13,094	9,611	8,439	930	245	76	118	1,427	1,192	7
Employees in thousands											
2019	3,258	2,269	1,612	1,412	120	47	6	31	348	229	0
2020	3,233	2,258	1,609	1,415	129	43	4	34	342	228	0
2021	3,235	2,267	1,635	1,458	135	49	4	33	323	232	0
2022	3,287	2,315	1,683	1,482	141	44	4	28	324	230	0
Annual turnover in € million											
2019	1,759,129	1,198,913	824,492	699,144	49,835	35,506	5,067	11,811	170,011	121,529	60
2020	1,743,404	1,203,444	866,402	754,704	50,861	38,552	1,472	97,698	150,070	127,984	59
2021	1,927,382	1,360,414	962,867	829,462	52,589	36,302	1,708	139,760	142,087	128,039	57
2022	2,060,202	1,445,040	1,029,792	789,625	59,353	36,646	1,774	10,369	168,374	160,600	63

¹ Consolidated secondary direct investments are secondary capital relations of holding companies domiciled in the reporting country, investments held by foreigners in enterprises in the reporting country by dependent

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by country where the corporate headquarters are resident (cont'd)

End of year

Europe (cont'd)											
EU member states (cont'd)											
Euro area (cont'd)										Other EU member states	
of which										of which	
Ireland	Italy	Luxembourg	Malta	Netherlands	Portugal	Slovenia	Spain	Total	Czech Republic	Denmark	
Year	12	13	14	15	16	17	18	19	20	21	22

Primary foreign direct investment in the reporting country in € million

Liabilities of inward direct investment relations

2019	34,395	34,009	62,273	294	59,281	438	43	22,197	41,201	2,126	12,398
2020	37,363	32,379	83,746	262	63,490	468	80	23,016	44,086	1,327	12,521
2021	35,976	33,252	96,562	608	77,278	485	88	23,030	47,227	2,347	11,935
2022	37,987	38,386	103,647	664	88,332	508	102	24,261	53,602	3,334	14,302

Receivables of inward direct investment relations

2019	5,427	5,959	14,563	3	13,200	33	2	4,518	10,879	142	3,444
2020	6,312	5,442	14,308	13	11,378	52	15	4,769	12,757	115	3,722
2021	7,221	5,563	16,802	186	18,112	36	4	4,895	26,797	152	4,082
2022	8,549	6,282	17,682	201	20,821	30	4	6,716	19,769	1,183	4,407

Primary direct investment stocks (accumulated)

2019	28,968	28,050	47,710	291	46,081	405	41	17,678	30,323	1,983	8,954
2020	31,051	26,938	69,438	249	52,112	415	66	18,247	31,329	1,212	8,799
2021	28,755	27,688	79,760	422	59,166	449	85	18,135	20,430	2,195	7,853
2022	29,438	32,105	85,966	462	67,511	479	99	17,545	33,833	2,152	9,895

Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹

Liabilities of inward direct investment relations

2019	17,945	31,533	47,142	186	52,618	392	68	18,279	35,684	3,194	9,244
2020	16,896	28,975	52,534	146	56,540	441	80	20,053	35,488	2,256	9,437
2021	15,613	29,301	70,422	512	69,852	451	88	20,823	36,321	3,426	10,185
2022	18,024	33,946	71,381	548	76,155	460	102	20,882	40,551	4,863	12,551

Receivables of inward direct investment relations

2019	4,856	5,697	13,744	4	13,169	51	5	3,192	13,835	581	3,137
2020	5,604	4,761	13,419	13	11,551	87	15	3,488	16,290	571	3,255
2021	7,410	5,013	16,045	52	19,654	36	4	3,916	21,678	640	3,729
2022	8,657	5,689	17,153	68	20,903	30	4	3,239	20,647	1,806	4,061

Primary and secondary direct investment stocks (accumulated)

2019	13,089	25,837	33,398	182	39,449	341	63	15,086	21,848	2,613	6,106
2020	11,291	24,214	39,115	133	44,989	354	66	16,565	19,199	1,685	6,183
2021	8,203	24,289	54,377	460	50,198	415	85	16,907	14,643	2,786	6,455
2022	9,367	28,257	54,228	479	55,253	430	99	17,643	19,904	3,058	8,491

Key indicators of enterprises in the reporting country

Number

2019	216	534	1,627	13	1,292	21	10	218	961	63	349
2020	215	486	1,887	12	1,293	21	6	222	1,004	66	331
2021	229	480	2,030	17	1,317	22	6	226	1,024	77	349
2022	233	495	2,080	18	1,339	22	6	238	1,172	85	366

Employees in thousands

2019	45	75	190	1	264	2	1	52	200	16	67
2020	51	70	207	1	252	3	1	49	194	16	65
2021	52	73	231	1	275	3	1	48	177	16	61
2022	56	76	229	1	295	3	0	50	201	16	73

Annual turnover in € million

2019	18,830	52,571	87,368	239	119,883	1,334	257	24,583	125,348	6,273	30,088
2020	20,245	51,152	71,831	242	119,766	1,211	284	23,017	111,698	6,178	28,069
2021	20,697	53,105	102,222	274	128,916	1,563	358	21,537	133,405	7,934	28,685
2022	25,341	62,207	99,105	424	139,728	1,648	384	23,350	240,167	15,997	36,757

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by country where the corporate headquarters are resident (cont'd)

End of year

Europe (cont'd)												
EU member states (cont'd)			Other European countries									
Other EU member states (cont'd)			of which									
of which			Total	Gibraltar	Guernsey	Iceland	Isle of Man	Jersey	Liechtenstein	Norway		
Hungary	Poland	Sweden										
Year	23	24	25	26	27	28	29	30	31	32	33	
Primary foreign direct investment in the reporting country in € million												
Liabilities of inward direct investment relations												
2019	94	1,098	25,430	98,828	108	377	57	12	5,982	5,199	2,705	
2020	92	1,217	28,881	102,831	102	674	57	49	5,904	5,167	3,657	
2021	108	1,751	31,051	116,801	85	1,268	66	3	5,668	5,408	3,088	
2022	115	2,078	33,737	115,123	57	1,138	63	–	5,589	5,696	3,615	
Receivables of inward direct investment relations												
2019	7	318	6,965	17,075	49	70	9	90	1,227	256	828	
2020	15	318	8,584	16,267	59	215	9	71	1,413	337	1,508	
2021	22	659	21,878	27,647	59	205	10	79	1,638	510	1,890	
2022	22	803	13,354	22,231	48	227	13	78	1,600	532	1,777	
Primary direct investment stocks (accumulated)												
2019	87	779	18,465	81,753	59	307	48	–	77	4,755	4,943	1,877
2020	77	899	20,297	86,564	43	459	48	–	23	4,491	4,830	2,149
2021	86	1,091	9,172	89,154	27	1,063	56	–	76	4,030	4,899	1,197
2022	93	1,275	20,383	92,892	9	911	50	–	80	3,989	5,164	1,838
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹												
Liabilities of inward direct investment relations												
2019	94	1,082	22,030	81,248	108	352	57	12	5,537	2,497	2,640	
2020	92	921	22,754	83,453	102	600	57	49	4,177	2,548	3,044	
2021	108	1,435	21,154	91,653	85	660	66	3	4,197	2,778	2,910	
2022	115	1,753	21,254	96,530	57	607	63	–	5,853	3,266	3,886	
Receivables of inward direct investment relations												
2019	7	202	9,906	18,361	49	74	9	90	646	257	782	
2020	15	326	12,119	19,267	59	218	9	71	661	340	1,187	
2021	22	681	16,602	24,073	59	138	10	79	684	500	2,022	
2022	22	824	13,934	20,163	48	185	13	78	869	604	988	
Primary and secondary direct investment stocks (accumulated)												
2019	87	880	12,123	62,887	59	279	48	–	77	4,892	2,240	1,858
2020	77	595	10,635	64,186	43	383	48	–	23	3,516	2,207	1,857
2021	86	754	4,551	67,580	27	522	56	–	76	3,513	2,278	888
2022	93	929	7,320	76,367	9	422	50	–	80	4,985	2,662	2,898
Key indicators of enterprises in the reporting country												
Number												
2019	9	63	468	1,330	9	28	4	5	169	178	89	
2020	10	53	535	1,373	8	43	4	4	171	192	93	
2021	10	49	531	1,385	7	47	4	6	163	207	100	
2022	10	45	658	1,368	4	43	5	5	153	216	104	
Employees in thousands												
2019	0	10	106	218	–	3	0	0	16	21	11	
2020	0	8	105	225	0	5	0	0	15	22	11	
2021	0	7	93	221	–	6	0	0	15	16	8	
2022	0	7	104	220	–	6	0	0	14	16	8	
Annual turnover in € million												
2019	357	6,906	81,397	198,342	10	723	78	1	8,362	5,969	31,615	
2020	315	4,874	72,081	165,750	7	1,217	82	–	7,702	5,729	31,303	
2021	380	5,643	90,719	195,067	1	2,155	55	1	7,792	6,798	55,236	
2022	405	24,256	162,624	215,169	0	2,542	60	1	7,616	7,813	40,036	

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by country where the corporate headquarters are resident (cont'd)

End of year

Year	Europe (cont'd)				Africa		America			
	Other European countries (cont'd)				Total	of which	Total	North America		
	of which					South Africa		Total	Total	of which
	Russian Federation	Switzerland	Turkey	United Kingdom	Canada		United States			
	34	35	36	37	38	39	40	41	42	43

Primary foreign direct investment in the reporting country in € million

Liabilities of inward direct investment relations

2019	10,261	75,944	1,661	80,203	2,482	2,301	272,006	263,692	.	246,968
2020	6,533	74,334	1,879	87,671	2,299	2,064	297,944	290,276	14,085	276,153
2021	10,128	76,945	1,969	97,582	2,303	2,072	318,952	311,537	.	300,987
2022	4,005	78,450	2,064	102,177	2,123	1,921	330,957	323,155	.	316,522

Receivables of inward direct investment relations

2019	1,133	11,634	100	14,344	153	113	77,050	75,603	.	71,887
2020	571	11,983	92	13,819	151	99	84,940	83,487	3,643	79,836
2021	8,883	14,443	155	16,605	229	136	94,849	93,400	.	89,964
2022	270	17,982	164	19,817	377	294	92,288	90,805	.	87,456

Primary direct investment stocks (accumulated)

2019	9,128	64,309	1,561	65,860	2,329	2,188	194,956	188,088	.	175,082
2020	5,963	62,351	1,788	73,852	2,149	1,965	213,004	206,789	10,443	196,316
2021	1,245	62,502	1,814	80,977	2,074	1,936	224,103	218,138	.	211,022
2022	3,735	60,468	1,900	82,360	1,747	1,627	238,669	232,350	.	229,066

Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹

Liabilities of inward direct investment relations

2019	9,770	45,807	1,620	63,626	2,011	1,831	196,459	189,180	.	180,894
2020	5,817	47,176	1,818	70,871	1,565	1,333	223,602	215,723	7,467	208,219
2021	5,973	48,953	1,900	78,737	1,650	1,419	236,080	228,758	.	221,708
2022	3,934	50,263	1,937	84,048	1,716	1,514	255,934	248,415	.	241,711

Receivables of inward direct investment relations

2019	1,075	13,786	103	16,263	386	346	86,355	84,127	.	79,936
2020	530	13,872	97	17,604	361	309	94,039	91,944	5,165	86,771
2021	5,782	16,741	163	17,143	494	401	102,136	99,950	.	95,432
2022	265	19,535	172	18,520	740	658	103,716	101,595	.	97,154

Primary and secondary direct investment stocks (accumulated)

2019	8,694	32,021	1,516	47,363	1,625	1,485	110,104	105,053	.	100,958
2020	5,287	33,303	1,721	53,267	1,204	1,024	129,563	123,780	2,302	121,448
2021	191	32,212	1,737	61,594	1,156	1,018	133,944	128,809	.	126,276
2022	3,669	30,728	1,765	65,528	976	856	152,218	146,819	.	144,557

Key indicators of enterprises in the reporting country

Number

2019	56	1,712	43	1,010	48	39	3,270	3,022	.	2,820
2020	54	1,739	39	1,043	52	41	3,308	3,030	198	2,830
2021	56	1,803	42	1,053	44	33	3,329	3,069	.	2,876
2022	46	1,790	42	1,064	45	34	3,295	3,026	.	2,842

Employees in thousands

2019	3	407	4	193	11	10	693	665	.	618
2020	3	390	4	199	12	11	675	647	48	599
2021	3	387	4	193	11	10	667	644	.	602
2022	2	389	3	194	9	8	679	654	.	611

Annual turnover in € million

2019	27,366	138,418	1,865	159,602	4,512	4,305	359,352	339,297	.	322,880
2020	18,217	134,178	1,825	136,315	3,979	3,803	341,128	328,532	15,299	313,054
2021	26,571	140,391	1,891	156,069	3,733	3,449	361,741	346,715	.	331,639
2022	12,609	152,171	1,602	190,189	4,308	4,016	386,911	370,669	.	355,262

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by country where the corporate headquarters are resident (cont'd)

End of year

Year	America (cont'd)						Asia			
	Central America					South America		Total	Near and Middle	
	Total	of which				Total	of which		Total	
	Bermuda	British Virgin Islands	Cayman Islands	Curaçao	Mexico		Brazil			
	44	45	46	47	48	49	50	51	52	53
Primary foreign direct investment in the reporting country in € million										
Liabilities of inward direct investment relations										
2019	5,453	2,330	1,365	669	363	530	2,861	1,096	103,520	15,728
2020	4,431	710	1,420	1,191	196	692	3,237	1,188	109,031	14,587
2021	4,393	664	1,423	1,217	153	787	3,023	1,175	110,880	14,503
2022	4,045	572	1,209	1,228	155	747	3,757	1,252	117,967	15,790
Receivables of inward direct investment relations										
2019	1,114	245	117	285	128	340	332	332	22,750	1,960
2020	1,241	267	262	350	0	347	212	212	21,418	1,773
2021	1,221	170	186	438	1	409	229	229	27,549	1,945
2022	1,267	194	135	536	1	386	216	215	27,890	1,700
Primary direct investment stocks (accumulated)										
2019	4,339	2,085	1,249	384	235	190	2,529	764	80,770	13,768
2020	3,190	443	1,158	841	196	344	3,025	976	87,613	12,815
2021	3,172	494	1,237	778	152	378	2,794	947	83,331	12,558
2022	2,778	377	1,074	692	154	362	3,540	1,037	90,077	14,090
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹										
Liabilities of inward direct investment relations										
2019	4,490	1,618	651	456	363	1,158	2,789	1,024	89,656	14,458
2020	4,629	1,178	700	1,201	196	957	3,250	1,201	94,755	13,107
2021	4,376	973	676	1,160	153	1,023	2,946	1,099	97,474	12,782
2022	3,871	879	467	1,073	155	935	3,648	1,144	106,274	14,168
Receivables of inward direct investment relations										
2019	1,859	548	38	248	128	850	368	368	23,302	2,449
2020	1,864	397	194	325	0	659	230	230	22,683	2,313
2021	1,943	177	202	492	1	704	244	244	28,082	2,502
2022	1,883	191	150	606	1	639	238	236	28,770	2,216
Primary and secondary direct investment stocks (accumulated)										
2019	2,631	1,071	613	208	235	308	2,421	655	66,353	12,008
2020	2,764	781	506	876	196	298	3,019	971	72,071	10,795
2021	2,433	796	474	668	152	318	2,703	855	69,392	10,280
2022	1,989	688	316	467	154	296	3,411	908	77,504	11,952
Key indicators of enterprises in the reporting country										
Number										
2019	221	56	51	61	11	27	27	21	1,790	254
2020	253	46	48	57	7	22	25	19	1,794	226
2021	236	33	41	54	7	24	24	18	1,817	225
2022	244	39	38	59	7	27	25	18	1,791	216
Employees in thousands										
2019	26	10	3	6	0	6	3	3	265	21
2020	25	9	3	5	0	4	3	3	267	21
2021	21	5	3	5	0	4	3	3	269	22
2022	22	6	3	5	0	5	3	3	263	22
Annual turnover in € million										
2019	18,207	3,495	454	10,334	170	2,608	1,848	1,767	188,632	10,317
2020	11,209	2,925	1,102	3,983	128	2,209	1,386	1,343	186,961	10,661
2021	13,117	2,301	1,150	5,676	148	2,550	1,909	1,857	192,408	11,458
2022	14,047	2,614	1,057	5,752	177	3,139	2,195	2,060	212,456	13,212

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by country where the corporate headquarters are resident (cont'd)

End of year

Asia (cont'd)										
East countries							Other Asian countries			
of which							of which			
Year	Israel	Kuwait	Lebanon	Oman	Qatar	Saudi Arabia	United Arab Emirates	Total	China	Hong Kong
	54	55	56	57	58	59	60	61	62	63
Primary foreign direct investment in the reporting country in € million										
Liabilities of inward direct investment relations										
2019	5,131	478	32	1,240	6,880	466	1,479	87,792	14,129	3,678
2020	4,959	465	27	1,208	6,085	487	1,326	94,443	14,352	4,016
2021	5,221	447	27	1,278	4,844	692	1,952	96,377	15,968	4,195
2022	5,601	360	.	1,245	5,046	576	2,896	102,177	16,952	3,908
Receivables of inward direct investment relations										
2019	383	110	5	82	1	276	1,104	20,790	3,502	740
2020	338	119	5	58	4	269	979	19,645	3,411	803
2021	426	133	–	94	–	377	913	25,604	4,039	987
2022	357	79	–	75	–	328	859	26,191	3,632	1,258
Primary direct investment stocks (accumulated)										
2019	4,748	368	27	1,158	6,880	191	375	67,002	10,627	2,937
2020	4,621	346	22	1,149	6,081	218	347	74,798	10,941	3,213
2021	4,795	314	27	1,184	4,844	315	1,039	70,773	11,929	3,208
2022	5,244	281	.	1,170	5,046	248	2,037	75,986	13,320	2,649
Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹										
Liabilities of inward direct investment relations										
2019	4,848	270	32	495	6,871	402	1,519	75,198	10,141	3,042
2020	4,545	236	27	510	6,075	447	1,236	81,647	10,302	3,760
2021	4,663	234	27	556	4,834	595	1,831	84,692	12,138	3,547
2022	4,880	260	.	596	5,037	475	2,855	92,106	12,950	3,627
Receivables of inward direct investment relations										
2019	890	110	5	82	1	262	1,099	20,853	3,352	736
2020	849	119	5	92	4	271	972	20,371	3,152	971
2021	983	138	–	94	0	379	907	25,580	3,487	1,023
2022	882	87	–	80	0	317	849	26,554	3,197	1,345
Primary and secondary direct investment stocks (accumulated)										
2019	3,957	160	27	413	6,870	140	420	54,345	6,789	2,306
2020	3,696	116	22	418	6,071	176	264	61,277	7,150	2,789
2021	3,680	96	27	462	4,834	216	924	59,112	8,651	2,524
2022	3,998	173	.	516	5,036	159	2,005	65,552	9,754	2,282
Key indicators of enterprises in the reporting country										
Number										
2019	163	17	5	10	9	8	35	1,536	320	89
2020	139	17	6	10	9	8	29	1,568	343	83
2021	122	18	4	10	7	15	42	1,592	355	86
2022	118	16	.	10	7	15	41	1,575	356	91
Employees in thousands										
2019	10	3	0	2	1	1	5	244	60	11
2020	9	2	0	1	1	2	6	247	59	10
2021	9	2	0	1	1	3	6	247	57	10
2022	9	2	.	1	1	3	5	241	56	10
Annual turnover in € million										
2019	4,692	1,421	17	1,084	99	815	1,710	178,315	29,424	7,317
2020	4,405	1,325	15	951	100	1,052	1,998	176,301	28,553	7,672
2021	4,011	1,314	13	1,433	114	1,471	2,192	180,950	30,416	8,384
2022	4,685	1,208	.	1,724	116	1,527	2,751	199,244	32,202	9,440

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

b) Direct investment and important key indicators of enterprises in the reporting country broken down by country where the corporate headquarters are resident (cont'd)

End of year

Year	Asia (cont'd)								Australia, Oceania and Polar regions		
	Other Asian countries (cont'd)								Total	of which	
	India	Iran	Japan	Korea, Republic of	Malaysia	Singapore	Taiwan	Thailand		Australia	New Zealand
	64	65	66	67	68	69	70	71	72	73	74

Primary foreign direct investment in the reporting country in € million

Liabilities of inward direct investment relations

2019	3,033	1,910	54,503	7,811	767	486	1,006	260	6,559	6,534	25
2020	3,067	1,846	58,244	10,117	776	460	1,076	226	6,441	6,402	.
2021	2,735	1,735	58,710	9,590	881	731	1,284	248	5,956	5,897	.
2022	2,591	1,830	62,454	10,841	630	1,282	1,009	318	5,825	5,763	.

Receivables of inward direct investment relations

2019	795	50	12,794	2,361	147	158	185	41	1,598	1,594	4
2020	839	114	11,222	2,662	144	172	142	35	1,469	1,465	.
2021	876	102	16,057	2,915	99	104	236	38	2,871	2,866	.
2022	1,225	105	17,098	2,239	105	116	195	58	2,546	2,541	.

Primary direct investment stocks (accumulated)

2019	2,238	1,859	41,709	5,450	620	328	821	219	4,961	4,940	21
2020	2,227	1,732	47,022	7,456	632	289	934	190	4,972	4,936	.
2021	1,859	1,633	42,654	6,675	783	627	1,048	210	3,084	3,031	.
2022	1,365	1,725	45,355	8,602	525	1,166	814	259	3,280	3,223	.

Primary and secondary foreign direct investment in the reporting country (consolidated) in € million ¹

Liabilities of inward direct investment relations

2019	2,204	1,642	48,363	7,402	471	440	1,000	320	6,664	6,640	25
2020	2,226	1,609	51,578	9,619	467	390	880	299	6,417	6,378	.
2021	2,182	1,119	52,744	9,606	559	660	1,242	339	5,566	5,507	.
2022	2,386	1,216	58,387	10,013	593	962	962	405	5,480	5,418	.

Receivables of inward direct investment relations

2019	844	48	12,940	2,402	124	159	190	41	1,626	1,622	4
2020	932	111	11,656	2,667	119	171	147	52	1,452	1,448	.
2021	856	98	16,600	2,873	71	102	230	51	2,809	2,804	.
2022	1,296	101	17,667	2,306	77	110	195	64	2,886	2,882	.

Primary and secondary direct investment stocks (accumulated)

2019	1,360	1,594	35,424	5,000	347	281	810	279	5,039	5,018	21
2020	1,294	1,498	39,922	6,952	348	219	733	247	4,965	4,930	.
2021	1,325	1,021	36,145	6,733	488	558	1,011	288	2,756	2,703	.
2022	1,090	1,115	40,720	7,707	516	853	767	341	2,594	2,537	.

Key indicators of enterprises in the reporting country

Number

2019	82	40	812	74	21	32	45	9	104	101	3
2020	82	42	815	78	20	27	47	10	104	101	.
2021	88	43	804	74	33	30	48	10	116	113	.
2022	85	42	784	79	28	34	45	10	112	109	.

Employees in thousands

2019	16	0	134	9	2	4	4	2	20	20	0
2020	17	0	137	10	2	4	4	2	21	21	.
2021	19	0	135	9	5	4	4	2	21	20	.
2022	18	0	133	10	2	5	4	2	21	20	.

Annual turnover

2019	8,948	856	91,390	34,246	1,180	1,607	2,444	708	7,720	7,604	116
2020	9,068	840	89,269	33,778	1,082	1,552	2,350	879	7,892	7,819	.
2021	9,044	650	85,544	38,519	2,070	1,272	2,685	936	9,086	8,975	.
2022	11,107	749	91,684	44,910	1,599	2,290	2,285	1,198	11,487	11,384	.

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

c) Primary and secondary direct investment broken down by economic activity of the investment enterprises and country of investor

End of year, in € million

Year	All economic activities	of which								Electricity, gas, steam and air conditioning supply	Wholesale and retail trade; repair of motor vehicles and motorcycles		
		Manufacturing											
		Total	of which										
1	2	3	4	5	6	7	8	9	10				
All countries													
2019	560,946	140,570	7,074	22,248	17,787	6,457	9,096	17,147	25,554	62,855			
2020	609,875	140,602	4,935	21,368	19,403	7,092	8,774	15,910	37,536	61,576			
2021	638,219	150,642	6,900	19,278	17,303	7,877	9,816	18,441	29,711	66,688			
2022	681,121	152,372	6,232	19,909	15,165	7,693	10,219	19,550	27,395	70,456			
Europe													
2019	454,277	119,347	7,033	19,303	15,107	5,998	5,696	12,825	25,519	42,288			
2020	483,900	117,688	4,773	18,678	16,557	6,696	5,765	11,698	37,546	39,574			
2021	509,062	122,935	5,373	16,576	15,133	7,515	5,949	11,770	29,601	43,155			
2022	535,018	124,264	6,072	17,123	12,746	7,149	6,772	13,062	27,276	45,416			
EU countries													
2019	354,542	93,241	4,812	18,346	10,876	5,561	3,331	8,148	23,076	26,831			
2020	384,320	95,197	5,290	17,319	11,723	6,188	4,868	7,372	34,949	24,576			
2021	400,597	97,342	5,373	17,776	11,042	6,893	4,494	7,510	27,399	27,903			
2022	417,181	97,091	2,915	16,706	10,231	6,674	5,351	8,391	25,165	29,972			
of which: Austria													
2019	27,216	6,933	.	365	.	389	100	820	696	1,260			
2020	33,941	8,792	.	342	121	584	106	902	599	1,041			
2021	35,686	10,457	.	291	546	608	110	986	626	1,050			
2022	35,365	9,367	.	301	580	501	104	776	834	1,543			
Belgium													
2019	12,661	4,234	-	13	393	161	1,185	284	788	4,691			
2020	12,984	4,486	-	32	290	159	1,218	442	866	6,058			
2021	12,742	4,859	-	20	236	342	1,449	267	835	5,668			
2022	14,198	5,065	-	83	276	186	1,448	279	946	6,765			
Denmark													
2019	8,332	1,544	-	1	.	.	308	81	55	3,435			
2020	8,675	1,251	-	2	.	2	297	78	99	3,254			
2021	9,405	1,442	-	3	74	16	286	48	100	3,104			
2022	11,535	1,815	-	3	75	4	373	42	100	3,211			
Finland													
2019	991	442	0	57	-	3	.	-	81	.			
2020	225	104	0	48	-	0	.	-	358	.			
2021	132	293	.	.	-	5	.	-	357	.			
2022	-	19	-	255	.	1	.	0	379	.			
France													
2019	26,572	4,796	.	.	-	2,884	515	1,492	584	1,604			
2020	29,037	7,078	.	1,135	-	1,798	602	1,157	424	1,582			
2021	26,108	3,780	.	.	-	3,677	785	1,162	454	1,732			
2022	27,347	3,137	.	.	-	2,465	776	1,172	265	937			
Italy													
2019	31,260	3,522	.	211	.	.	1,509	98	249	.			
2020	28,841	3,668	.	173	.	.	1,579	78	277	.			
2021	28,709	4,419	.	159	.	.	1,791	72	239	-			
2022	33,958	6,239	.	222	.	.	1,989	100	286	2			
Luxembourg													
2019	101,739	19,657	-	3,702	3,286	753	1,180	2,950	2,645	3,309			
2020	120,501	19,286	-	2,221	3,926	918	1,528	3,218	3,220	3,570			
2021	127,364	18,105	-	2,188	2,580	1,121	2,075	3,056	3,250	6,043			
2022	131,094	20,688	.	.	.	586	2,910	3,715	1,696	.			

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

c) Primary and secondary direct investment broken down by economic activity of the investment enterprises and country of investor (cont'd)

End of year; in € million

Year	Information und Communication		Financial and insurance activities					Real estate activities	Management consultancy activities (holding companies with management function)	Administrative and support service activities
	Total	of which:	Total	of which:						
		Telecommunications		Monetary intermediation	Holding companies without management function	Other financial service activities, except insurance and pension funding	Insurance and reinsurance, Pension funding			
	11	12	13	14	15	16	17	18	19	20
All countries										
2019	36,272	31,463	181,245	77,705	65,412	25,905	1,870	32,440	35,922	7,960
2020	37,983	33,253	203,053	87,665	72,580	28,278	1,847	36,717	47,101	7,101
2021	48,510	40,277	212,233	97,137	68,203	35,287	1,143	38,929	43,376	6,587
2022	52,004	44,150	239,359	116,730	66,583	39,741	629	40,191	44,611	7,900
Europe										
2019	35,350	30,925	139,566	60,291	46,457	23,927	990	30,757	19,809	7,310
2020	37,923	33,192	153,373	60,027	55,532	26,949	988	34,643	22,081	6,199
2021	45,293	40,177	168,525	66,854	55,150	35,141	4,412	36,791	19,795	5,893
2022	47,858	43,930	181,192	73,371	51,630	40,669	3,022	38,033	22,435	6,906
EU countries										
2019	28,069	25,268	108,343	45,961	38,667	18,498	1,395	23,936	14,941	6,393
2020	29,873	27,074	117,247	44,515	46,053	20,600	2,478	28,332	17,276	5,349
2021	34,957	32,992	125,477	48,991	46,335	23,734	5,632	30,619	18,725	4,918
2022	38,850	37,606	131,973	56,926	42,541	24,371	4,180	31,655	19,307	6,161
of which: Austria										
2019	188	.	7,972	984	6,059	313	.	2,362	4,788	615
2020	141	.	9,553	2,549	5,755	421	.	2,872	7,672	532
2021	189	.	11,653	2,966	7,378	533	.	2,636	5,145	656
2022	53	34	12,542	.	7,799	613	.	2,544	4,818	644
Belgium										
2019	150	.	439	352	312	25	.	1,917	.	651
2020	137	.	679	610	945	46	.	340	130	175
2021	149	.	.	646	329	468	.	321	219	92
2022	144	.	1,188	712	600	456	.	157	.	56
Denmark										
2019	45	.	423	.	275	71	.	97	48	66
2020	35	.	610	130	563	87	.	90	29	246
2021	84	.	656	.	722	.	.	110	47	310
2022	75	.	802	.	701	107	.	107	737	370
Finland										
2019	.	-	235	.	103	221	.	53	.	126
2020	.	0	230	-	50	.	.	39	16	135
2021	.	0	151	-	19	.	.	53	.	.
2022	.	-	39	-	0	.	-	53	.	.
France										
2019	276	41	11,385	8,338	2,520	1,778	1,362	2,488	427	159
2020	433	50	11,119	8,629	2,047	1,662	1,133	2,735	798	141
2021	664	4	12,155	10,105	1,623	1,868	1,601	2,860	709	9
2022	614	14	14,389	12,444	1,252	1,840	1,297	2,947	792	135
Italy										
2019	684	19	20,745	17,665	34	684	2,263	574	.	18
2020	668	.	18,026	14,822	200	984	2,179	364	44	50
2021	665	.	17,610	14,680	24	1,055	1,756	358	48	123
2022	269	.	20,593	17,529	53	1,055	1,791	239	103	95
Luxembourg										
2019	24,120	21,427	25,043	1,948	13,331	6,668	966	9,639	4,555	2,673
2020	29,294	27,449	34,099	1,988	18,107	9,458	551	12,982	4,529	2,956
2021	33,026	32,686	33,674	2,347	16,562	9,708	525	14,813	4,776	2,059
2022	37,382	37,018	30,887	3,561	12,324	10,237	775	14,955	5,282	2,941

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

c) Primary and secondary direct investment broken down by economic activity of the investment enterprises and country of investor (cont'd)

End of year; in € million

Year	All economic activities	of which									
		Manufacturing							Electricity, gas, steam and air conditioning supply	Wholesale and retail trade; repair of motor vehicles and motorcycles	
		Total	Manufacture of coke and refined petroleum products	Manufacture of chemicals and chemical products	Manufacture of basic pharmaceutical products and pharmaceutical preparations	Manufacture of other non-metallic mineral products	Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks, electro-medical and electrotherapeutic equipment	Manufacture of machinery and equipment n.e.c.			
21	22	23	24	25	26	27	28	29	30		
Netherlands											
2019	105,393	39,266	3,939	2,777	9,497	1,673	–	170	2,189	7,633	12,876
2020	102,557	38,794	4,183	3,413	8,630	1,933	1,251	843	10,225	9,723	
2021	123,571	41,269	4,260	5,857	10,847	1,385	644	750	10,568	9,683	
2022	131,033	37,567	3,802	4,678	7,538	1,487	712	893	14,312	10,189	
Spain											
2019	9,856	262	0	90	.	.	50	104	.	510	
2020	9,572	1,109	–	113	208	3	66	40	.	578	
2021	12,115	1,407	–	78	121	14	5	32	.	420	
2022	13,548	1,973	–	182	667	.	9	52	.	.	
Sweden											
2019	8,070	1,316	.	63	.	.	122	232	.	975	
2020	6,746	1,966	.	55	38	0	117	564	.	651	
2021	491	2,395	.	.	34	–	138	680	.	307	
2022	4,176	2,360	.	.	41	–	129	829	.	366	
Switzerland											
2019	47,164	15,435	–	413	2,507	.	1,956	4,214	615	10,010	
2020	49,061	16,126	–	95	3,361	410	861	4,118	611	10,322	
2021	44,970	12,495	–	1,678	2,754	.	868	3,725	551	10,320	
2022	45,054	12,753	–	660	2,242	477	602	4,457	603	10,100	
United Kingdom											
2019	37,727	9,383	.	1,166	1,730	119	406	441	–	51	4,550
2020	36,933	5,142	.	1,212	1,674	135	23	184	661	3,636	
2021	48,391	11,669	.	267	.	125	575	293	1,657	4,191	
2022	55,814	12,771	.	987	.	67	792	–	588	4,581	
America											
2019	55,898	7,876	.	.	77	295	2,825	2,591	.	4,511	
2020	73,507	7,398	.	1,185	360	299	2,336	2,171	1	3,730	
2021	77,708	12,369	.	1,078	.	325	3,023	4,022	.	4,845	
2022	88,863	12,210	.	1,036	.	347	2,587	3,532	.	5,278	
of which: Canada											
2019	1,497	416	–	14	.	0	–	1	327	97	
2020	483	221	–	24	0	0	–	52	139	323	
2021	1,418	1,852	–	.	.	0	–	1	1,685	273	
2022	243	1,376	–	.	.	8	–	1	1,202	768	
United States											
2019	50,610	6,838	.	1,283	15	294	2,832	2,247	.	4,108	
2020	57,572	7,142	.	1,145	355	300	2,402	2,011	.	3,054	
2021	61,591	10,135	.	1,091	.	319	3,036	2,258	2	4,934	
2022	73,100	9,952	.	1,104	.	339	2,597	2,288	.	5,841	
Asia											
2019	45,912	12,269	–	7	1,407	1,565	295	443	1,868	.	16,006
2020	47,343	14,250	11	1,297	1,287	231	525	2,168	–	10	18,195
2021	47,334	14,800	61	1,472	1,010	173	684	2,784	.	.	18,555
2022	52,656	14,903	42	1,666	647	213	698	3,109	121	.	19,647
of which: Japan											
2019	26,710	8,371	–	1,156	893	.	334	1,018	–	.	
2020	29,724	10,543	–	1,067	663	.	416	1,276	.	11,363	
2021	26,736	.	–	1,253	474	.	442	1,787	.	.	
2022	30,403	.	–	1,344	673	.	450	2,015	.	12,176	

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

c) Primary and secondary direct investment broken down by economic activity of the investment enterprises and country of investor (cont'd)

End of year; in € million

Year	Information und Communication		Financial and insurance activities					Real estate activities	Management consultancy activities (holding companies with management function)	Administrative and support service activities
	Total	of which:	Total	of which:						
		Telecommunications		Monetary intermediation	Holding companies without management function	Trusts, funds and similar financial entities; other financial service activities	Insurance and reinsurance, Pension funding			
	31	32	33	34	35	36	37	38	39	40
Netherlands										
2019	2,188	3,768	27,921	9,803	6,265	9,340	1,843	4,174	2,361	1,592
2020	937	268	27,992	9,251	7,734	8,488	1,867	3,945	2,929	1,473
2021	3,659	188	39,011	11,526	12,239	11,514	1,839	4,688	3,761	1,749
2022	3,965	680	43,303	14,129	14,820	11,265	2,067	5,044	3,070	2,020
Spain										
2019	294	1	6,527	3,762	3,001	3	.	324	.	17
2020	289	5	7,424	4,039	3,735	1	168	295	522	39
2021	382	34	7,317	.	.	0	132	451	.	25
2022	359	10	7,679	.	3,903	2	137	457	.	25
Sweden										
2019	24	12	3,592	1,841	809	866	.	1,701	56	157
2020	185	168	3,018	1,511	825	552	.	2,281	57	165
2021	161	61	2,228	1,388	78	552	.	2,106	114	99
2022	125	72	2,248	181	790	1,428	.	2,869	57	134
Switzerland										
2019	.	.	14,945	8,118	5,581	3	130	2,357	1,103	.
2020	381	.	16,144	8,455	6,312	129	335	2,697	1,379	589
2021	427	.	16,112	7,563	6,869	181	386	2,734	1,163	493
2022	354	.	15,787	7,606	6,633	31	528	2,858	884	281
United Kingdom										
2019	7,080	5,756	10,500	3,888	1,741	5,381	895	2,274	1,838	313
2020	7,552	6,202	13,712	4,559	1,995	6,373	86	2,489	1,589	237
2021	8,828	6,326	20,424	7,819	619	11,211	158	2,299	3,859	494
2022	7,421	5,331	24,338	6,167	1,291	15,710	141	2,437	521	431
America										
2019	421	.	26,418	8,181	14,096	1,078	2,753	1,343	13,291	.
2020	572	67	36,390	17,376	14,772	779	2,761	1,586	22,682	449
2021	2,157	.	34,227	23,658	9,677	979	3,201	1,652	20,184	455
2022	2,970	.	46,090	32,545	12,520	587	3,516	1,577	18,893	724
of which: Canada										
2019	35	.	948	637	28	.	.	21	15	15
2020	51	.	151	620	94	.	0	28	30	14
2021	47	.	545	.	63	.	.	.	234	.
2022	39	.	473	.	255	.	.	54	211	.
United States										
2019	1,094	494	22,549	6,710	12,367	703	2,490	1,194	13,263	84
2020	160	71	30,642	14,534	12,707	379	2,635	1,401	13,465	148
2021	2,875	124	29,851	24,560	5,236	535	3,012	1,386	10,800	.
2022	3,678	227	40,800	33,577	7,267	224	3,240	1,313	9,792	.
Asia										
2019	471	.	13,605	.	3,591	717	.	315	1,050	184
2020	612	7	11,222	10,170	821	149	.	468	978	213
2021	1,045	.	8,907	.	1,803	360	.	457	594	259
2022	1,160	.	11,415	10,732	798	403	.	552	497	292
of which: Japan										
2019	291	1	7,014	6,133	713	86	.	38	94	13
2020	308	.	7,736	6,892	675	103	.	27	268	22
2021	313	.	3,998	3,077	685	.	.	40	325	123
2022	356	.	6,851	7,174	220	.	.	37	.	138

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

c) Primary and secondary direct investment broken down by economic activity of the investment enterprises and country where the corporate headquarters are resident

End of year, in € million

Year	All economic activities	of which								Electricity, gas, steam and air conditioning supply	Wholesale and retail trade; repair of motor vehicles and motorcycles		
		Manufacturing											
		Total	of which										
1	2	3	4	5	6	7	8	9	10				
All countries													
2019	560,946	140,570	7,074	22,248	17,787	6,457	9,096	17,147	25,554	62,855			
2020	609,875	140,602	4,935	21,368	19,403	7,092	8,774	15,910	37,536	61,576			
2021	638,219	150,642	6,900	19,278	17,303	7,877	9,816	18,441	29,711	66,688			
2022	681,121	152,372	6,232	19,909	15,165	7,693	10,219	19,550	27,395	70,456			
Europe													
2019	377,824	91,475	3,323	16,353	7,956	.	4,586	7,959	25,257	28,596			
2020	402,071	89,507	1,531	15,860	9,236	6,103	3,905	7,375	36,196	27,497			
2021	430,971	97,603	3,131	13,583	8,776	6,877	5,317	8,587	28,343	30,650			
2022	447,829	98,434	3,215	13,683	6,719	6,632	6,162	9,935	26,527	31,920			
EU countries													
2019	278,771	61,613	1,137	14,066	6,121	5,366	2,241	3,605	23,096	16,946			
2020	300,469	62,009	1,426	13,712	6,037	5,545	2,639	2,985	34,574	17,132			
2021	327,956	68,956	1,327	12,086	6,319	6,240	3,834	4,064	26,971	20,846			
2022	335,123	68,283	-	11,728	4,861	6,089	4,611	4,417	25,138	20,810			
of which: Austria													
2019	23,039	5,004	.	205	.	.	92	323	454	1,085			
2020	28,966	6,322	.	226	.	591	104	416	392	726			
2021	32,306	8,723	.	345	547	545	100	358	536	669			
2022	32,603	7,788	.	224	557	.	108	271	812	1,135			
Belgium													
2019	8,983	3,520	-	344	-	1,178	.	124	4,558	177			
2020	10,088	3,494	-	292	-	1,151	.	107	5,921	314			
2021	9,000	2,919	-	112	-	1,277	.	96	5,395	273			
2022	10,287	2,965	-	290	-	1,270	.	97	6,597	44			
Denmark													
2019	6,106	1,486	-	.	-	311	173	99	.	1,488			
2020	6,183	1,200	-	.	-	295	155	138	1,388	1,547			
2021	6,455	1,610	-	.	-	282	203	141	1,390	1,241			
2022	8,491	1,907	-	.	-	367	154	149	1,447	2,271			
Finland													
2019	5,855	1,121	-	58	-	.	-	71	.	295			
2020	14,561	800	-	50	-	.	-	117	9,262	307			
2021	8,846	895	-	.	-	.	-	175	7,576	271			
2022	1,284	989	-	.	-	.	-	199	.	292			
France													
2019	32,650	9,010	.	.	4,383	493	351	28	1,550	1,669			
2020	32,324	8,728	.	911	4,008	417	331	94	1,523	1,702			
2021	33,486	8,077	.	.	3,610	672	270	104	1,655	2,891			
2022	30,704	6,365	.	.	1,620	732	227	127	894	2,474			
Germany													
2019	57,449	5,389	-	408	14	55	735	609	2,917	2,690			
2020	57,188	3,535	-	401	83	27	891	314	4,233	3,074			
2021	73,862	5,080	-	492	61	25	1,573	353	2,081	2,810			
2022	73,685	6,150	-	492	60	27	1,816	419	1,959	3,318			
Italy													
2019	25,837	3,669	.	231	.	1,513	80	330	.	1,528			
2020	24,214	4,593	.	203	.	1,593	81	351	.	1,620			
2021	24,289	5,002	.	207	.	1,790	79	310	-	1,829			
2022	28,257	6,442	.	239	.	1,976	74	305	-	1,607			
Luxembourg													
2019	33,398	7,119	-	1,888	98	1,013	143	1,023	2,016	1,888			
2020	39,115	7,957	-	2,217	268	925	269	610	545	2,620			
2021	54,377	11,277	-	1,791	487	981	1,626	1,883	2,554	.			
2022	54,228	11,457	-	1,708	496	371	2,405	2,013	900	5,547			

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

c) Primary and secondary direct investment broken down by economic activity of the investment enterprises and country where the corporate headquarters are resident (cont'd)

End of year; in € million

Year	Information und Communication		Financial and insurance activities					Real estate activities	Management consultancy activities (holding companies with management function)	Administrative and support service activities
	Total	of which	Total	of which						
		Telecommunications		Monetary intermediation	Holding companies without management function	Trusts, funds and similar financial entities; other financial service activities	Insurance and reinsurance, Pension funding			
	11	12	13	14	15	16	17	18	19	20
All countries										
2019	36,272	31,463	181,245	77,705	65,412	26,941	1,870	32,440	35,922	7,960
2020	37,983	33,253	203,053	87,665	72,580	29,422	1,847	36,717	47,101	7,101
2021	48,510	40,277	212,233	97,137	68,203	37,365	-	38,929	43,376	6,587
2022	52,004	44,150	239,359	116,730	66,583	43,636	629	40,191	44,611	7,900
Europe										
2019	32,435	27,051	123,710	56,062	41,016	19,459	57	28,210	18,861	4,641
2020	39,239	32,892	123,846	55,459	43,019	15,859	309	31,747	24,108	4,145
2021	47,626	39,872	138,684	59,919	49,160	19,693	2,286	33,012	21,221	4,747
2022	50,919	43,660	145,457	65,932	45,205	22,210	808	33,973	23,984	4,903
EU countries										
2019	10,797	6,101	103,054	45,961	36,750	15,127	591	21,728	17,877	3,457
2020	11,426	6,073	101,242	44,480	34,363	15,321	712	26,196	23,130	3,024
2021	12,667	6,649	115,604	48,878	40,204	18,786	2,712	27,441	26,716	3,649
2022	12,370	6,481	124,287	54,157	40,927	19,005	1,056	28,467	24,569	3,702
of which: Austria										
2019	62	.	6,678	.	5,143	154	.	2,096	4,859	545
2020	56	.	8,339	2,635	4,906	264	.	2,419	7,804	588
2021	76	.	10,568	.	6,640	533	.	3,060	5,149	589
2022	81	.	10,988	.	6,976	555	.	3,238	5,071	599
Belgium										
2019	55	-	549	-	36	.	-	164	.	620
2020	48	-	489	-	21	.	-	177	6	163
2021	53	-	212	-	60	-	161	158	.	21
2022	38	.	147	.	296	.	.	151	.	27
Denmark										
2019	43	.	637	.	322	16	-	5	72	84
2020	40	.	620	130	393	28	-	16	70	54
2021	10	.	687	131	550	58	-	34	70	63
2022	22	.	653	138	534	61	-	2	706	185
Finland										
2019	.	-	4,361	.	3,961	.	22	55	.	125
2020	.	-	3,928	.	3,705	.	0	43	8	145
2021	.	-	99	-	279	.	7	57	6	75
2022	.	-	1	-	-	-	1	57	6	.
France										
2019	759	94	13,293	8,726	3,219	2,976	1,408	2,903	37	104
2020	750	45	13,790	9,035	3,189	3,044	1,119	3,288	24	77
2021	1,007	34	14,718	10,261	3,348	3,227	1,688	3,227	52	13
2022	1,078	22	13,655	10,302	2,264	3,040	1,603	3,349	13	70
Germany										
2019	2,541	19	24,369	872	10,475	7,301	388	2,283	11,353	469
2020	2,865	27	24,472	151	10,764	7,422	193	2,356	11,034	485
2021	2,814	24	35,104	665	17,474	9,996	507	2,557	16,315	503
2022	3,101	77	34,665	558	16,840	9,199	127	2,560	14,631	514
Italy										
2019	668	.	19,261	17,665	808	417	1,752	.	1	20
2020	659	.	16,732	14,822	778	798	1,657	309	4	52
2021	661	.	16,079	14,680	810	825	1,202	296	1	124
2022	266	.	19,367	17,529	.	1,041	1,248	188	0	97
Luxembourg										
2019	455	195	10,213	1,937	7,388	1,130	292	7,309	.	594
2020	662	238	9,562	2,509	4,581	1,459	117	10,768	1,874	719
2021	1,001	311	13,504	2,656	7,129	2,169	57	11,406	1,738	1,166
2022	1,039	271	15,704	5,093	6,287	2,493	93	11,099	2,216	1,136

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

c) Primary and secondary direct investment broken down by economic activity of the investment enterprises and country where the corporate headquarters are resident (cont'd)

End of year; in € million

Year	All economic activities	of which								Electricity, gas, steam and air conditioning supply	Wholesale and retail trade; repair of motor vehicles and motorcycles
		Manufacturing									
		Total	of which								
21	22	23	24	25	26	27	28	29	30		
Netherlands											
2019	39,449	6,176	253	266	924	110	36	382	7,580	4,135	
2020	44,989	6,999	366	180	.	132	669	168	10,556	3,689	
2021	50,198	8,708	223	639	163	240	-	21	10,758	3,289	
2022	55,253	7,237	245	543	172	455	-	121	15,215	3,109	
Spain											
2019	15,086	444	-	.	.	.	.	68	.	395
2020	16,565	851	-	.	213	.	.	27	.	216	
2021	16,907	730	.	.	134	.	.	22	.	196	
2022	17,643	1,274	.	.	674	.	.	26	.	121	
Sweden											
2019	12,123	6,086	.	54	.	-	106	527	.	579	
2020	10,635	6,281	.	48	.	-	121	727	.	208	
2021	4,551	6,483	.	56	.	-	144	770	-	306	
2022	7,320	6,803	.	58	.	.	137	1,069	-	292	
Switzerland											
2019	32,021	12,592	-	647	245	397	2,160	3,403	216	5,107	
2020	33,303	13,831	.	874	1,627	466	1,057	3,302	117	4,672	
2021	32,212	13,699	-	581	1,087	.	1,032	3,298	260	5,126	
2022	30,728	13,731	.	632	871	479	1,095	4,098	305	4,827	
United Kingdom											
2019	47,363	14,569	.	.	1,590	.	188	800	97	.	
2020	53,267	10,791	.	941	1,573	79	207	907	89	2,841	
2021	61,594	11,934	.	651	.	.	444	850	97	2,465	
2022	65,528	13,494	.	869	.	85	436	1,068	370	.	
America											
2019	110,104	24,591	3,643	3,312	1,991	256	3,896	5,559	-	87	
2020	129,563	25,039	3,401	2,933	2,965	602	4,167	4,920	247	10,418	
2021	133,944	26,447	.	2,960	.	.	3,791	5,112	199	12,072	
2022	152,218	25,796	3,023	3,303	2,117	.	3,356	4,561	-	299	
of which: Canada											
2019	.	1,705	-	26	.	-	49	507	.	.	
2020	2,302	898	.	43	.	-	20	482	.	489	
2021	.	528	.	44	.	-	58	454	.	.	
2022	.	530	.	58	.	-	24	423	.	.	
United States											
2019	100,958	21,588	3,618	2,755	1,916	315	3,847	4,984	-	47	
2020	121,448	22,526	.	2,313	2,889	265	4,187	4,380	-	28	
2021	126,276	24,452	3,765	2,420	1,892	395	3,849	4,548	-	76	
2022	144,557	23,612	3,023	2,732	2,116	448	3,380	4,020	-	169	
Asia											
2019	66,353	22,949	-	2,375	6,782	367	614	3,564	384	20,429	
2020	72,071	24,477	-	2,364	5,989	387	702	3,554	1,093	23,429	
2021	69,392	24,947	-	2,572	5,347	298	708	4,683	1,169	23,687	
2022	77,504	26,681	-	2,825	5,062	293	701	4,995	1,167	24,998	
of which: China											
2019	6,789	2,754	-	126	.	-	.	1,123	.	1,119	
2020	7,150	2,484	-	123	.	-	1	910	.	1,471	
2021	8,651	3,028	-	101	.	-	1	1,444	.	.	
2022	9,754	4,089	-	.	.	-	11	1,703	.	1,507	
Japan											
2019	35,424	13,083	-	1,443	3,441	262	493	1,986	-	.	
2020	39,922	15,366	-	1,352	2,743	271	564	2,188	.	14,582	
2021	36,145	14,355	-	1,474	2,296	236	576	2,640	.	.	
2022	40,720	14,738	-	1,685	2,535	205	542	2,780	.	.	

II. Foreign direct investment stock statistics (Extended Directional Principle)

2. Foreign direct investment in the reporting country

c) Primary and secondary direct investment broken down by economic activity of the investment enterprises and country where the corporate headquarters are resident (cont'd)

End of year; in € million

Year	Information und Communication		Financial and insurance activities					Real estate activities	Management consultancy activities (holding companies with management function)	Administrative and support service activities
	Total	of which	Total	of which						
		Telecommunications		Monetary intermediation	Holding companies without management function	Other financial service activities, except insurance and pension funding	Insurance and reinsurance, Pension funding			
	31	32	33	34	35	36	37	38	39	40
Netherlands										
2019	494	291	12,353	8,941	3,072	154	109	4,205	426	677
2020	562	324	12,119	8,387	3,007	162	8	3,999	1,905	761
2021	688	325	14,621	10,616	2,396	171	7	4,094	1,954	1,007
2022	575	325	17,870	12,200	4,340	157	8	4,405	261	925
Spain										
2019	5,731	.	6,538	3,867	2,818	0	.	148	.	16
2020	5,620	.	7,819	4,388	3,666	0	.	105	162	35
2021	6,059	.	7,783	.	3,479	2	.	104	.	26
2022	5,883	.	8,210	.	3,838	3	.	107	.	23
Sweden										
2019	7	.	4,152	1,690	324	2,203	–	814	–	7
2020	56	46	3,359	1,508	39	1,891	–	1,480	180	70
2021	15	158	3,176	1,388	68	1,831	–	1,864	19	113
2022	53	148	2,168	.	62	2,717	–	2,700	20	125
Switzerland										
2019	148	.	9,696	5,320	3,162	103	273	2,433	–	160
2020	343	–	10,232	5,445	3,212	178	526	2,657	–	81
2021	347	–	8,967	4,445	3,076	225	443	2,703	–	51
2022	255	–	7,948	3,997	2,816	71	.	2,650	–	427
United Kingdom										
2019	21,423	20,949	3,317	2,566	269	1,264	–	994	1,798	573
2020	27,394	26,856	6,950	3,145	4,342	119	–	818	1,781	726
2021	34,477	33,251	8,780	4,238	4,549	161	–	757	1,769	1,103
2022	38,217	37,207	5,706	5,090	410	185	–	693	1,817	139
America										
2019	–	4,321	37,939	11,900	15,340	6,856	1,790	.	15,194	2,362
2020	2,040	368	57,827	21,591	20,225	12,611	1,465	4,086	21,540	1,899
2021	83	396	58,034	30,041	11,121	17,406	1,018	4,799	21,481	977
2022	71	.	73,531	39,359	13,760	20,732	1,151	5,089	19,979	2,211
of which: Canada										
2019	137	–	866	.	103	.	.	643	.	9
2020	139	–	199	.	174	.	.	640	41	17
2021	146	–	68	.	155	.	.	620	24	23
2022	159	.	70	.	376	.	.	633	–	29
United States										
2019	2,823	4,309	34,772	11,523	13,508	6,408	1,454	2,317	15,068	2,112
2020	2,290	368	55,572	22,464	18,005	12,259	1,039	3,181	21,491	1,629
2021	101	396	55,740	30,943	9,153	17,041	528	3,933	21,467	871
2022	119	495	70,521	40,391	10,908	20,360	609	4,189	19,795	2,154
Asia										
2019	779	91	17,787	.	7,688	.	.	1,071	1,014	149
2020	753	8	19,133	10,513	7,785	207	.	854	953	156
2021	785	9	14,748	.	6,304	1,102	122	1,091	544	393
2022	974	1	19,467	.	5,849	1,625	283	1,114	525	459
of which: China										
2019	75	.	2,000	1,843	142	.	–	7	280	29
2020	82	.	2,079	1,902	162	.	–	6	254	25
2021	152	.	2,691	2,216	265	213	–	249	.	0
2022	156	.	2,675	2,334	130	214	–	269	.	6
Japan										
2019	578	.	7,173	6,264	564	78	.	211	235	5
2020	493	.	8,708	7,030	973	79	.	97	289	18
2021	488	.	5,076	3,225	862	781	.	111	372	270
2022	609	.	9,429	7,327	330	1,251	–	1	392	313

II. Foreign direct investment stock statistics (Extended Directional Principle)

3. Foreign direct investment stocks at market values, including real estate and construction

a) Domestic foreign direct investment abroad

End of year, in € million

Item	2019	2020	2021	2022
Domestic direct investment at market values ¹, including real estate and construction				
Primary domestic foreign direct investment at market values (including real estate and construction)	1,621,946	1,648,503	1,885,556	1,948,235
Receivables arising from primary domestic direct investment relations	2,132,256	2,175,583	2,455,273	2,557,402
Primary domestic investment capital at market values	1,792,659	1,863,736	2,078,732	2,122,979
Primary domestic investment capital at book values arising from direct shareholdings	1,556,982	1,612,321	1,776,377	1,808,265
Difference between market and book values arising from direct shareholdings in listed companies	42,660	43,689	59,573	52,636
Real estate owned by natives abroad ²	187,797	202,606	236,854	255,825
Receivables arising from construction ^{2 3}	5,220	5,120	5,928	6,253
Direct lendings from domestic capital owners ⁴	188,633	177,115	215,219	232,245
Loans from enterprises in the reporting country ⁵ to their sister companies abroad ⁴	150,964	134,732	161,322	202,179
minus				
Liabilities arising from primary domestic direct investment relations	510,309	527,080	569,717	609,167
Direct loans from direct investment companies abroad to their domestic investors ⁴	286,603	311,692	308,471	305,360
Loans from enterprises abroad ⁵ to their sister companies in the reporting country ⁴	223,706	215,388	261,245	303,807

¹ Shareholdings in listed direct investment companies are evaluated using the stock market value and not the book value from the balance sheets of the direct investment companies. ² According to the international investment position. ³ Concerns building sites that have existed for more than one year. ⁴ According to the foreign direct

investment stock statistics, which are prepared in a different way to the data on credit relations published in the international investment position. ⁵ Only if the corporate headquarters are domiciled in Domesticity.

II. Foreign direct investment stock statistics (Extended Directional Principle)

3. Foreign direct investment stocks at market values, including real estate and construction

a) Foreign direct investment in the reporting country

End of year, in € million

Item	2019	2020	2021	2022
Foreign direct investment at market values ¹, including real estate and construction				
Primary German foreign direct investment at market values (including real estate and construction)	857,723	939,695	975,955	1,023,403
Liabilities arising from primary foreign direct investment relations	1,083,184	1,178,266	1,284,964	1,308,807
Primary foreign investment capital at market values	645,325	715,122	783,237	817,177
Primary foreign investment capital at book values arising from direct shareholdings	593,711	647,219	702,507	749,317
Difference between market and book values arising from direct shareholdings in listed companies	20,221	35,840	43,831	22,747
Real estate owned by foreigners in the reporting country ²	31,178	31,873	36,714	44,940
Receivables arising from construction ^{2 3}	215	189	185	173
Direct loans from foreign capital owners ⁴	188,299	212,356	222,816	220,879
Loans from enterprises abroad ⁵ to their sister companies in the reporting country ⁴	249,560	250,789	278,911	270,751
minus				
Receivables arising from primary foreign direct investment relations	225,461	238,572	309,009	285,404
Direct loans from direct investment companies in the reporting country to their foreign investors ⁴	65,214	64,895	97,461	82,557
Loans from enterprises in the reporting country ⁵ to their sister companies abroad ⁴	160,247	173,677	211,548	202,847

¹ Shareholdings in listed direct investment companies are evaluated using the stock market value and not the book value from the balance sheets of the direct investment companies. ² According to the international investment position. ³ Concerns building sites that have existed for more than one year. ⁴ According to the foreign direct

investment stock statistics, which are prepared in a different way to the data on credit relations published in the international investment position. ⁵ Only if the corporate headquarters are domiciled abroad.