

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					
				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	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					
	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	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)					
	All economic activities			of which		
				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)			of which						
Year	Poland	Romania	Sweden	Albania	Belarus	Bosnia and Herzegovina	Guernsey	Isle of Man	Jersey
	29	30	31	32	33	34	35	36	37
Primary domestic direct investment abroad in € million									
Receivables of Outward direct investment relations									
2019	34,411	9,379	23,255	99	245	314	1,110	350	3,046
2020	34,156	9,852	24,809	106	302	329	1,130	38	4,002
2021	35,436	10,919	31,812	102	330	330	1,445	88	4,587
2022	39,693	11,633	30,779	117	336	323	1,024	84	2,261
Liabilities of Outward direct investment relations									
2019	3,810	848	5,950	20	0	10	47	–	670
2020	4,458	1,116	8,035	20	2	12	46	–	1,097
2021	4,714	1,054	7,338	21	2	10	28	–	928
2022	4,249	1,459	7,026	21	3	18	31	–	52
Primary direct investment stocks (accumulated)									
2019	30,601	8,530	17,305	79	245	304	1,062	350	2,376
2020	29,698	8,735	16,774	86	299	317	1,084	38	2,905
2021	30,722	9,865	24,475	81	328	320	1,417	88	3,659
2022	35,443	10,174	23,754	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	157	402	355	1,121	316	3,023
2020	41,256	12,425	36,134	168	447	352	1,797	11	3,944
2021	44,262	14,008	37,024	168	477	360	1,800	68	4,395
2022	48,515	13,862	39,173	176	493	361	1,379	53	2,005
Liabilities of Outward direct investment relations									
2019	3,781	888	7,824	20	0	10	47	5	670
2020	4,536	1,017	11,306	20	2	12	46	–	1,097
2021	4,887	1,104	10,215	21	2	10	28	7	928
2022	4,456	1,495	9,805	21	3	18	31	7	52
Primary and secondary direct investment stocks (accumulated)									
2019	37,620	10,914	24,909	137	402	345	1,073	311	2,352
2020	36,720	11,408	24,828	148	444	340	1,752	11	2,847
2021	39,375	12,904	26,809	148	475	350	1,772	61	3,467
2022	44,059	12,367	29,367	154	490	343	1,348	46	1,953
Key indicators of enterprises abroad									
Number									
2019	1,430	452	813	9	31	49	38	25	32
2020	1,484	484	823	10	33	49	40	26	29
2021	1,561	489	867	11	36	54	41	23	30
2022	1,583	500	854	10	34	58	34	21	25
Employees in thousands									
2019	436	223	79	1	6	7	0	1	0
2020	437	228	81	1	7	7	–	0	0
2021	456	235	88	1	7	8	0	0	–
2022	466	242	87	1	7	8	0	0	–
Annual turnover in € million									
2019	96,136	35,159	48,323	93	743	887	82	93	139
2020	92,964	35,121	46,332	74	668	761	53	62	143
2021	103,797	39,466	52,467	104	815	920	23	61	209
2022	116,095	45,317	52,349	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
	38	39	40	41	42	43	44	45	46	47	48

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
	49	50	51	52	53	54	55	56	57
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		
	58	59	60	61	62	63	64	65	66	67	
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	68	69	70	71	72	73	74	75	76	77
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						
Year	Honduras	Mexico	Panama	Total	Argentina	Bolivia	Brazil	Chile	Colombia	Ecuador
	78	79	80	81	82	83	84	85	86	87
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	
	88	89	90	91	92	93	94	95	96	97
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

Year	Asia (cont'd)							Other Asian countries		
	Near and Middle East countries (cont'd)							Total	of which	
	Jordan	Kuwait	Lebanon	Oman	Qatar	Saudi Arabia	United Arab Emirates		Bangladesh	China
	98	99	100	101	102	103	104	105	106	107
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										
Year	Hongkong	India	Indonesia	Iran	Japan	Kazakhstan	Korea, Republic of	Malaysia	Pakistan	Philippines
	108	109	110	111	112	113	114	115	116	117
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			
	118	119	120	121	122	123	124	125	126
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 articles 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)				Professional, scientific and technical activities					
	of which:				Real estate activities	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
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 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
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										
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								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
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	934
2020	6,945	2,691	527	–	57	77	1,528	162	2,530	1,106
2021	9,993	3,814	568	–	270	103	2,226	–	90	1,441
2022	7,913	3,574	486	–	2	44	2,223	.	2,824	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	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	.	9,424	5,369	.
Japan										
2019	15,480	6,102	833	–	106	302	4,373	731	6,519	1,807
2020	16,634	5,700	584	–	63	327	4,233	361	7,641	2,621
2021	15,846	5,839	.	–	42	611	3,893	354	6,428	2,779
2022	16,454	6,458	967	–	44	349	4,371	334	6,396	2,759
Korea, Republic of										
2019	12,489	3,304	649	–	206	289	1,566	.	6,768	1,689
2020	13,438	3,827	563	–	205	334	2,132	377	7,190	1,676
2021	13,505	3,320	698	–	201	380	1,374	.	7,071	2,291
2022	15,058	4,308	797	–	267	385	2,199	.	7,368	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
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
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
United Arab Emirates										
2019	6,160	889	224	–	.	117	.	.	.	.
2020	5,213	735	157	–	7	124	223	257	730	483
2021	6,191	843	120	–	.	148	.	271	664	547
2022	6,000	1,151	176	–	.	152	.	359	784	623
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
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
2020	18,173	4,620	1,681	–	267	149	1,574	329	9,333	5,683
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

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	19
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
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										
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						
	30	31	32	33	34	35	36	37	38
			Monetary intermediation	Holding companies without management function	Insurance and reinsurance, Pension funding	Activities auxiliary to financial services and insurance activities			
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									
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	57
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	1,708	.	155	936	5	35	208
2020	-	354	1,754	93	334	810	6	49	173
2021	-	195	2,106	.	631	689	17	41	159
2022	-	46	2,163	.	637	836	18	41	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									Electricity, gas, steam and air conditioning supply	Wholesale and retail trade; repair of motor vehicles and motorcycles
	Total	Manufacturing									
		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