

**Table 14.—U.S. Direct Investment Position Abroad on a Historical-Cost Basis: Industry Detail**

[Millions of dollars]

	1982	1983	1984	1985	1986	1987	1988
<b>All industries</b> .....	<b>207,752</b>	<b>212,150</b>	<b>218,083</b>	<b>238,369</b>	<b>270,472</b>	<b>326,283</b>	<b>347,179</b>
<b>Petroleum</b> .....	<b>57,817</b>	<b>58,524</b>	<b>59,110</b>	<b>58,724</b>	<b>59,625</b>	<b>60,807</b>	<b>58,444</b>
Oil and gas extraction .....	26,027	29,255	30,779	32,001	31,464	33,006	30,972
Crude petroleum extraction (no refining) and natural gas .....	20,636	23,163	24,829	26,160	26,413	28,451	27,654
Oil and gas field services .....	5,392	6,093	5,949	5,841	5,051	4,555	3,318
Petroleum and coal products .....	19,085	17,235	17,220	16,464	16,401	17,664	17,724
Integrated petroleum refining and extraction .....	12,057	10,140	9,876	8,646	9,647	10,461	9,994
Petroleum refining without extraction .....	6,917	6,982	7,200	7,820	6,583	6,992	7,522
Petroleum and coal products, nec .....	111	113	144	198	171	211	208
Petroleum wholesale trade .....	10,835	10,043	9,294	8,437	9,895	8,621	8,177
Other .....	1,870	1,991	1,817	1,822	1,865	1,516	1,571
Petroleum tanker operations .....	1,373	1,468	1,099	1,260	1,095	772	775
Petroleum and natural gas pipelines .....	179	179	197	256	307	311	334
Petroleum storage for hire .....	97	89	63	81	235	240	243
Gasoline service stations .....	222	255	458	225	228	192	218
<b>Manufacturing</b> .....	<b>83,452</b>	<b>83,768</b>	<b>87,331</b>	<b>96,741</b>	<b>108,107</b>	<b>135,271</b>	<b>142,598</b>
Food and kindred products .....	7,630	7,704	8,236	9,337	11,504	12,806	13,263
Grain mill and bakery products .....	2,009	2,117	2,086	2,827	3,100	3,611	4,178
Grain mill products .....	1,657	1,725	1,699	1,976	2,257	2,404	2,850
Bakery products .....	352	392	387	651	842	1,207	1,328
Beverages .....	1,727	1,738	1,770	1,871	2,826	2,896	2,551
Other .....	3,894	3,849	4,380	4,839	5,779	6,289	6,534
Meal products .....	239	211	194	298	349	289	282
Dairy products .....	618	735	761	677	723	804	692
Preserved fruits and vegetables .....	473	428	472	557	780	574	790
Other food and kindred products .....	2,563	2,477	2,952	3,309	3,927	4,652	4,789
Chemicals and allied products .....	18,274	18,917	19,403	20,543	23,013	28,232	31,895
Industrial chemicals and synthetics .....	8,773	8,766	9,327	9,247	10,425	12,924	14,875
Drugs .....	3,828	4,353	4,424	4,938	6,211	7,411	8,321
Soap, cleaners, and toilet goods .....	2,320	2,553	2,350	2,466	2,285	3,547	4,092
Agricultural chemicals .....	997	781	816	1,082	1,079	680	830
Other .....	2,557	2,484	2,485	2,809	3,013	3,860	3,778
Paints and allied products .....	310	452	420	612	633	539	535
Chemical products, nec .....	2,447	2,012	2,065	2,197	2,379	3,121	3,243
Primary and fabricated metals .....	5,463	5,002	5,283	5,084	5,620	6,334	7,974
Primary metal industries .....	1,837	1,313	1,520	1,424	1,753	2,021	2,616
Ferrous .....	862	597	615	714	744	1,295	1,381
Nonferrous .....	1,175	716	905	710	1,008	726	1,235
Fabricated metal products .....	3,627	3,689	3,763	3,659	3,867	4,313	5,358
Metal cans and shipping containers .....	728	750	748	497	575	644	875
Cutlery, hand tools, and hardware .....	494	508	530	703	678	684	768
Plumbing fixtures and heating equipment, ex. electric .....	156	153	128	156	185	230	201
Fabricated structural metal products .....	484	451	422	334	234	225	243
Screw machine products, bolts, etc .....	176	148	134	153	167	187	207
Metal stampings and forgings .....	358	334	437	417	523	652	843
Fabricated metal products, nec, ordnance, and services .....	1,230	1,345	1,362	1,400	1,505	1,692	2,220
Machinery, except electrical .....	13,840	14,465	15,155	19,432	22,737	28,576	27,572
Farm and garden machinery .....	398	414	315	418	358	250	216
Construction, mining, and materials handling machinery .....	2,494	2,335	2,274	2,301	2,401	3,045	3,074
Office and computing machines .....	7,520	8,123	9,212	12,944	15,923	20,693	19,267
Other .....	3,429	3,593	3,355	3,768	4,055	4,589	5,014
Engines and turbines .....	600	634	435	509	546	791	938
Metalworking machinery .....	631	587	563	541	510	499	573
Special industry machinery .....	504	530	519	674	777	819	678
General industry machinery and equipment .....	1,092	1,117	1,064	1,083	1,218	1,240	1,307
Refrigeration and service industry machinery .....	327	410	462	545	551	705	697
Machinery, except electrical, nec .....	275	314	312	417	452	535	482
Electric and electronic equipment .....	7,292	7,442	8,417	8,796	7,428	10,467	11,125
Household appliances .....	650	1,136	1,106	1,088	1,401	1,846	1,424
Radio, television, and communication equipment .....	1,953	1,863	2,109	2,337	148	1,094	1,358
Electronic components and accessories .....	2,067	2,341	3,014	3,313	4,065	5,029	5,774
Other .....	2,621	2,102	2,188	2,058	1,815	2,498	2,569
Electric lighting and wiring equipment .....	580	479	506	407	310	730	743
Electrical machinery, nec .....	2,042	1,623	1,682	1,650	1,505	1,768	1,825
Transportation equipment .....	10,968	10,467	10,637	11,719	14,169	18,970	19,353
Motor vehicles and equipment .....	9,922	9,539	9,709	10,836	13,061	17,787	18,467
Other .....	1,046	928	928	884	1,108	1,183	886
Other manufacturing .....	19,985	19,771	20,202	21,831	23,637	29,886	31,417
Tobacco manufactures .....	1,854	1,740	1,701	1,975	2,699	4,405	3,711
Textile products and apparel .....	1,395	1,320	1,210	1,297	1,201	1,522	1,522
Textile mill products .....	783	723	758	819	817	1,056	1,072
Apparel and other textile products .....	611	597	452	478	384	466	450
Lumber, wood, furniture, and fixtures .....	581	572	598	683	518	581	689
Lumber and wood products .....	324	339	357	455	313	325	437
Furniture and fixtures .....	257	233	241	228	205	236	252
Paper and allied products .....	4,183	3,931	4,414	4,917	4,913	5,717	6,228
Pulp, paper, and board mills .....	1,640	1,667	1,827	1,668	1,638	1,762	1,972
Miscellaneous converted paper products .....	2,051	1,710	1,982	2,422	2,758	3,086	3,344
Paperboard containers and boxes .....	491	555	605	827	517	670	912
Printing and publishing .....	517	572	617	668	763	956	1,064
Rubber products .....	2,210	2,119	2,053	2,241	2,302	2,880	3,265
Miscellaneous plastics products .....	1,116	1,148	1,254	1,432	1,787	2,457	3,062
Glass products .....	770	743	712	759	954	1,221	1,029
Stone, clay, and other nonmetallic mineral products .....	1,268	1,098	1,134	1,281	1,430	1,669	1,933
Instruments and related products .....	5,155	5,544	5,612	5,655	6,146	7,500	7,863
Scientific and measuring instruments .....	915	998	1,130	1,237	1,257	1,923	2,022

**Table 14.—U.S. Direct Investment Position Abroad on a Historical-Cost Basis: Industry  
Detail—Continued**

[Millions of dollars]

	1982	1983	1984	1985	1986	1987	1988
Optical and ophthalmic goods .....	42	81	114	148	158	8	53
Medical instruments and supplies .....	696	745	803	879	1,139	1,434	1,807
Photographic equipment and supplies .....	3,462	3,691	3,541	3,341	3,553	4,130	3,972
Watches, clocks, and watchcases .....	41	30	24	49	38	5	10
Other .....	936	986	897	944	923	1,018	1,050
Leather and leather products .....	70	73	76	81	77	86	94
Miscellaneous manufacturing industries .....	867	913	821	863	846	932	956
<b>Wholesale trade .....</b>	<b>20,788</b>	<b>21,661</b>	<b>21,849</b>	<b>23,894</b>	<b>27,841</b>	<b>33,836</b>	<b>36,359</b>
Durable trade .....	14,859	15,132	15,233	17,282	19,901	23,403	25,592
Motor vehicles and equipment .....	619	624	496	882	1,303	1,305	1,316
Lumber and other construction materials .....	81	103	82	67	53	49	57
Metals and minerals .....	635	602	656	519	380	431	518
Electrical goods .....	1,624	1,672	1,773	1,838	2,360	2,480	3,048
Hardware, plumbing, and heating equipment and supplies .....	208	203	147	163	338	417	462
Farm and garden machinery and equipment .....	780	625	749	975	1,474	2,337	2,969
Machinery, equipment and supplies, nec .....	9,515	9,967	9,886	11,084	12,163	14,047	14,593
Durable goods, nec .....	1,398	1,338	1,445	1,734	1,851	2,337	2,830
Nondurable goods .....	5,928	6,529	6,617	6,632	7,940	10,433	10,767
Paper and paper products .....	186	180	247	240	271	426	491
Drugs, proprietaries, and sundries .....	1,564	1,648	1,536	1,397	1,538	2,238	2,468
Apparel, piece goods, and notions .....	228	290	280	309	465	733	862
Groceries and related products .....	662	805	886	1,002	1,199	1,431	1,699
Farm product raw materials .....	684	715	803	674	805	951	946
Nondurable goods, nec .....	2,605	2,891	2,864	3,009	3,661	4,656	4,511
<b>Banking .....</b>	<b>10,317</b>	<b>12,482</b>	<b>13,673</b>	<b>14,734</b>	<b>14,910</b>	<b>18,400</b>	<b>19,337</b>
<b>Finance (except banking), insurance, and real estate .....</b>	<b>18,018</b>	<b>17,327</b>	<b>18,272</b>	<b>25,301</b>	<b>39,742</b>	<b>56,408</b>	<b>66,071</b>
Finance, except banking .....	-9,397	-11,954	-12,233	-7,678	-662	7,296	11,965
Franchising, business .....	-4	-3	-5	13	135	180	56
Other .....	-9,393	-11,951	-12,227	-7,691	-798	7,136	11,909
Insurance .....	7,268	8,075	8,233	8,555	9,919	12,031	13,654
Life insurance .....	1,192	1,245	1,461	1,537	1,501	1,929	2,165
Accident and health insurance .....	430	572	546	656	800	931	1,054
Other .....	5,646	6,258	6,226	6,362	7,618	9,170	10,436
Real estate .....	550	529	412	362	315	1,824	1,806
Lessors of agricultural and forestry real estate .....	0	0	0	0	0	0	0
Real estate, nec .....	550	529	412	362	315	1,824	1,806
Holding companies .....	19,597	20,676	21,860	24,063	30,170	35,257	38,645
<b>Services .....</b>	<b>4,615</b>	<b>4,903</b>	<b>4,795</b>	<b>5,201</b>	<b>5,770</b>	<b>7,635</b>	<b>8,831</b>
Hotels and other lodging places .....	493	471	500	593	644	799	913
Business services .....	2,191	2,154	2,192	2,347	2,800	3,637	4,181
Advertising .....	322	359	380	382	402	473	521
Management, consulting, and public relations services .....	593	716	703	788	863	802	952
Equipment rental (ex. automotive and computers) .....	499	302	216	231	437	1,001	897
Computer and data processing services .....	243	254	276	366	493	555	691
Other .....	533	523	618	581	606	805	1,121
Research and development and testing laboratories .....	69	83	59	62	70	68	60
Employment agencies and temporary help supply services .....	46	54	61	80	105	131	155
Other .....	419	386	498	438	431	606	805
Motion pictures, including television tape and film .....	685	644	615	705	891	847	1,097
Engineering, architectural, and surveying services .....	413	584	675	576	475	531	678
Health services .....	58	221	149	303	132	676	611
Other services .....	775	829	664	678	825	1,144	1,351
Automotive rental and leasing .....	340	295	232	294	271	433	495
Accounting, auditing, and bookkeeping services .....	49	19	27	61	112	129	145
Legal services .....	(D)	16	18	20	21	21	27
Educational services .....	(D)	21	30	41	53	68	87
Other services provided on a commercial basis .....	361	479	357	262	372	493	596
<b>Other industries .....</b>	<b>12,745</b>	<b>13,063</b>	<b>13,063</b>	<b>13,775</b>	<b>14,478</b>	<b>13,897</b>	<b>15,538</b>
Agriculture, forestry, and fishing .....	504	527	745	534	438	624	647
Agricultural production—crops .....	298	322	517	292	252	404	451
Agricultural production—livestock .....	112	123	143	153	119	128	93
Agricultural production—beef cattle feedlots .....	0	0	0	0	0	0	0
Agricultural services .....	3	8	3	13	3	1	-2
Forestry .....	69	70	77	71	59	65	(D)
Fishing, hunting, and trapping .....	21	4	4	5	6	26	(D)
Mining .....	5,210	5,626	5,136	5,217	5,440	5,173	5,340
Metal mining .....	3,597	4,136	4,066	3,933	3,587	3,234	3,568
Iron ores .....	1,185	1,035	927	946	913	785	887
Copper, lead, zinc, gold, and silver ores .....	1,883	2,382	2,491	2,484	2,385	2,102	2,286
Bauxite and other aluminum ores .....	173	418	384	331	241	(D)	(D)
Other metallic ores .....	332	272	232	134	35	(D)	(D)
Metal mining services .....	24	29	32	37	13	24	38
Nonmetallic minerals .....	1,613	1,490	1,070	1,285	1,853	1,940	1,772
Coal .....	1,034	860	494	748	1,561	1,626	1,358
Nonmetallic minerals, except fuels .....	579	630	576	537	292	314	415
Construction .....	1,061	944	1,060	1,323	1,340	897	922
Transportation, communication, and public utilities .....	2,273	2,456	2,375	2,687	2,681	2,041	2,198
Transportation .....	1,681	1,836	1,692	1,665	1,568	1,510	1,431
Railroads .....	(D)	4	-48	(D)	(D)	(D)	(D)
Water transportation .....	985	1,208	1,142	1,006	984	877	731
Transportation by air .....	72	66	139	199	66	68	57
Pipelines, except petroleum and natural gas .....	0	0	0	0	0	0	0
Travel agents .....	(D)	(*)	1	(D)	(D)	(D)	(D)
Transportation and related services, nec .....	658	558	458	497	595	637	685
Communication and public utilities .....	592	619	683	1,022	1,112	531	766
Communication .....	116	146	172	646	699	60	148
Electric, gas, and sanitary services .....	477	473	511	376	413	471	618
Retail trade .....	3,697	3,931	3,747	4,013	4,579	5,162	6,432
Food stores and eating and drinking places .....	1,344	1,493	1,425	1,453	1,892	2,184	3,116
Retail trade, nec .....	2,353	2,438	2,321	2,560	2,687	2,978	3,316