

Foreign owned enterprises 2000



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Summary

Large increase in foreign ownership continues

The highest level of foreign ownership in terms of number of enterprises and employees was reached in 2000. Foreign owned enterprises increased by 1 255 net compared with 1999. An additional 1 797 foreign owned enterprises were established during 2000. At the same time 279 enterprises formerly under foreign ownership became dormant and 263 came under Swedish ownership. In total there were 5 519 foreign owned enterprises in 2000. A large part of the increase in the number of enterprises and to some extent the increase in the number of employees can be explained by changes in study methods (see below). Despite this, foreign ownership is increasing in Sweden. As in previous years, acquisition is the most common means of establishment. The number of employees in foreign owned enterprises increased by 49 228 to a total of 446 893 employees in 2000.

The Netherlands and the USA increased the most

The USA as before was the dominant ownership country in Sweden with 100 805 employees, followed by the United Kingdom with 49 717, the Netherlands with 46 041 and Finland with 42 035 employees.

The Netherlands and the USA are the countries which have increased most in percentage terms. Compared to previous years, the number of employees in enterprises from the Netherlands has increased by 29 percent, and from the USA by 28 percent. Other countries showing large increases are Denmark with 6 200 and Germany with 6 000 employees.

The USA owned 775 enterprises in Sweden, followed by Norway with 668 enterprises, the Netherlands with 644 enterprises and Denmark with 591 enterprises.

EU dominance continues

The EU countries as an ownership group continue to dominate foreign ownership in Sweden. 58 percent of employees in foreign owned enterprises were in enterprises where an EU country has majority ownership.

The service sector provides most employment

The number of employees – 217 327 – continues to be largest in the service sector. However, the largest increase has taken place within manufacturing industry where the number of employees increased by 35 093 persons to 215 612. This corresponds to approximately 70 percent of the total increase in the number of employees in foreign owned enterprises.

The service sector continues to have the largest number of enterprises, approximately 4 200 out of a total of 5 519 foreign owned enterprises.

The number of ICT enterprises increased by 330 and the number of employees in this category increased by 6 700 persons between 1999 and 2000.

The share of foreign owned enterprises in employment in the business sector has increased by 2 percent to 19 percent. In manufacturing industry and in the service sector, the share accounted for by foreign owned enterprises of all employees in the business sector was 30 and 16 percent respectively.

Large cities continue to dominate

Approximately 60 percent of employees in foreign owned enterprises are in the three large urban areas (Stockholm, Skåne and Västra Götaland). However, foreign owned enterprises in the County of Blekinge and Västmanland accounted for the largest share of the business sector. Foreign owned ICT enterprises exist throughout the country, but the largest number of enterprises and employees are in the three large urban areas.

Starting this year MM Partner's complete register of groups will be used, and this also covers enterprises which are not part of an enterprise group in Sweden. This explains 77 percent of the large increase in the number of foreign owned enterprises and 41 percent of the increase in the number of employees in 2000.

Publications

Since 1999 the results on the survey questionnaire on ownership have been published separately. Economic figures for 1998 concerning Foreign owned enterprises have been published in NUTEK Statistik S2000:003.

ITPS took over responsibility for Official Statistics on *International enterprises* from NUTEK (Swedish Business Development Agency) on 2001-01-01. These reports (as well as older reports) can be obtained free of charge from the ITPS web site www.itps.se

Definition of foreign owned enterprises

An enterprise in this study is defined as foreign owned if more than half the voting rights in the company are foreign owned. If an enterprise is part of a Swedish enterprise group and its parent company is foreign owned, then the enterprise is regarded as foreign owned. The nationality of an enterprise group is determined by that of the ultimate beneficiary owner i.e. a parent company which itself is not controlled by any other owner with more than 50 percent of the voting rights.

Findings from the survey

Foreign ownership continues to increase substantially

The number of enterprises where the majority of voting rights are owned by a foreign investor continued to increase during 2000 and now amounts to 5 519 enterprises. This represents a net increase of 1 255 enterprises compared to 1999. Of these 1 797 were "new" enterprises, at the same time as 542 were no longer covered in the study. Of these, 263 enterprises became Swedish owned and 279 dormant. The net increase between 1998 and 1999 was also high with 310 new foreign owned enterprises.

The number of employees in foreign owned enterprises also continued to increase substantially during 2000. The increase amounted to 49 228 persons. Together foreign owned enterprises accounted for 446 893 employees. Their share of all employees in the business sector has also continued to increase and now amounts to 19 percent. Since 1980, the share has more than trebled (see Figure 1).

The large increase in the number of foreign owned enterprises in 2000 can be largely attributed to changes in study methods and sources. The change arises since MM Partner's complete register of enterprise groups is now used to determine the population of foreign owned enterprises. As a result enterprises lacking a group structure in Sweden are covered i.e. enterprises which neither have a parent company or group register.

Figure 1

Number of employees in foreign owned enterprises and by share of the business sector 1980–2000

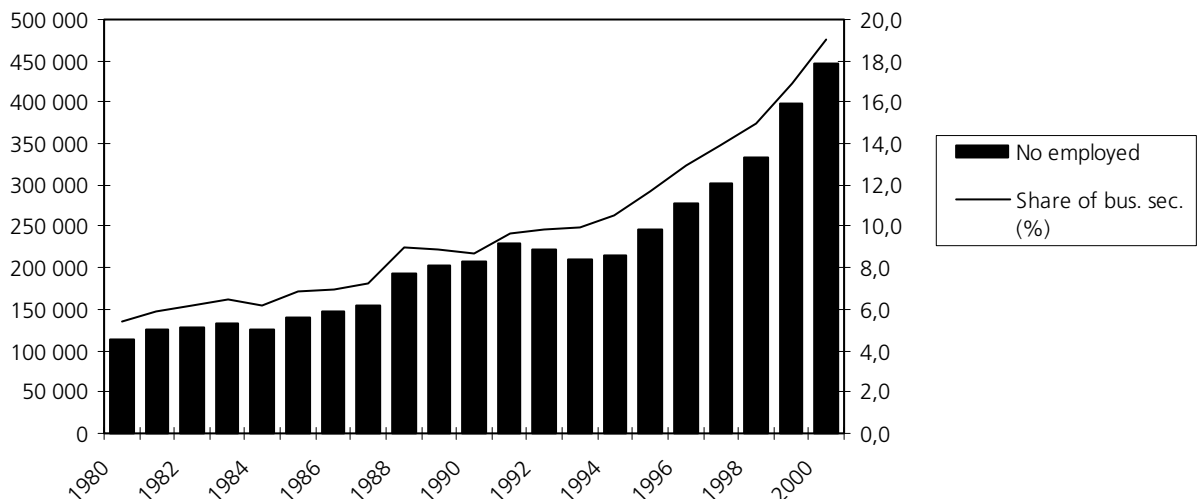


Figure 2
Types of establishment

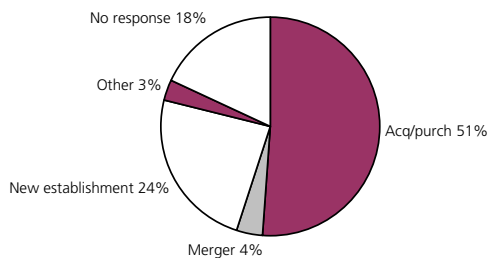


Figure 3

Number of enterprises and number of employees by type of establishment for all enterprises 2000 (excl branches)

Type of establishment	Number enterprises	Number employees
Acquisition/purchase	2 678	290 883
New establishment	1 273	55 746
Merger	194	52 563
Joint venture	36	3 335
Don't know & others	98	4 735
Blank/Not received	988	29 579

Enterprise acquisitions dominate

In total 51 percent of enterprises (2 678) came under foreign ownership through acquisition. This is the most common form of establishment. The next most common is new establishment with 24 percent 1 273 enterprises (see Figure 2 and 3). The reason that the total number of enterprises in Figure 3 does not correspond with the total number of foreign owned enterprises is because branches do not submit information on type of establishment. The same applies to total number of employees. Of the new enterprises in the study, 28 percent responded that they had come under foreign ownership through acquisition and 26 percent through new establishment. Non-response to this question from new foreign owned enterprises was 43 percent. These enterprises may not have been foreign owned earlier, but their status has not been identified.

EU countries continue to be major owners

EU countries accounted for 58 percent of employment in foreign owned enterprises. Finland and Denmark accounted for 18 percent and non-Nordic EU countries for 40 percent. The number of employees in EU countries has increased by 20 784 persons since 1999 and amounts currently to 260 393.

Increase highest in the Netherlands and the USA

The Netherlands and the USA are the countries which have increased most in percentage terms. Compared to 1999, the number of employees in enterprises under Netherlands ownership increased by 29 percent from 35 666 employees in 1999 to 46 041 employees in 2000. In USA owned enterprises, the number of employees increased by 28 percent from 78 621 employees in 1999 to 100 805 employees in 2000.

The number of employees in enterprises from Denmark and Germany have also increased greatly. In the EU the United Kingdom is the largest ownership country with 49 717 employees. It ranks second in ownership terms after the USA. Nordic ownership as a part of foreign ownership remains at approximately the same level in 2000 as in 1999.

A small number of countries dominate ownership

Foreign ownership is dominated by enterprises from a few countries. The nine largest ownership countries accounted for 94 percent of the total number of employees in foreign owned enterprises. In 2000 the USA was still the largest single ownership country with 100 805 employees in 775 enterprises (see Figure 4). The USA's share of the number of employees in foreign owned enterprises has continued to increase, followed by the United Kingdom, ahead of the Netherlands and Finland. British owned enterprises had 49 717 employees in 2000. The Netherlands was in third place with 46 041 employees, and in fourth place Finland with 42 035. Compared to 1999, however, the share of Finland decreased from 49 063 to 42 035 employees. Thereafter followed by Denmark, Germany, France, Norway and Switzerland. The USA share increased most rapidly by 22 000 employees (see Figure 5). Followed by the Netherlands with an increase of 10 400 employees.

Figure 4
Number of foreign owned enterprises 2000, 1999 and 1990 by ownership country

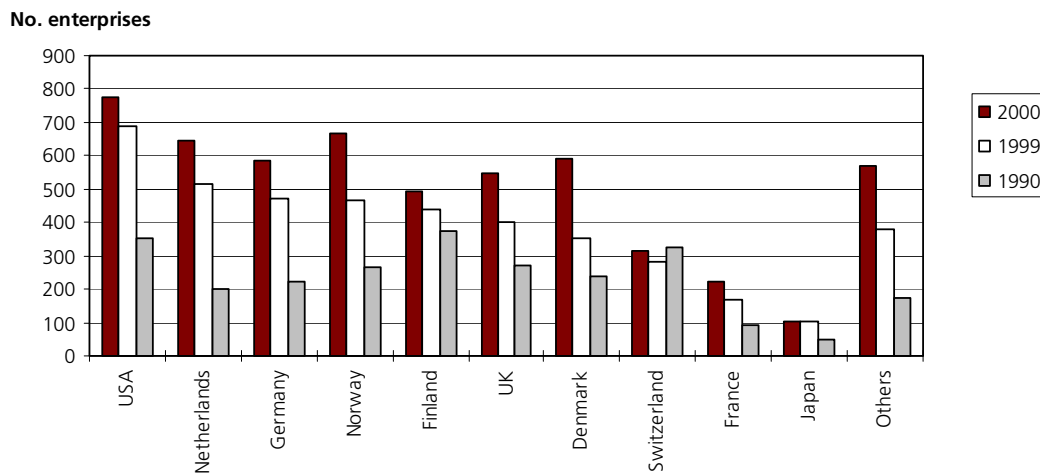
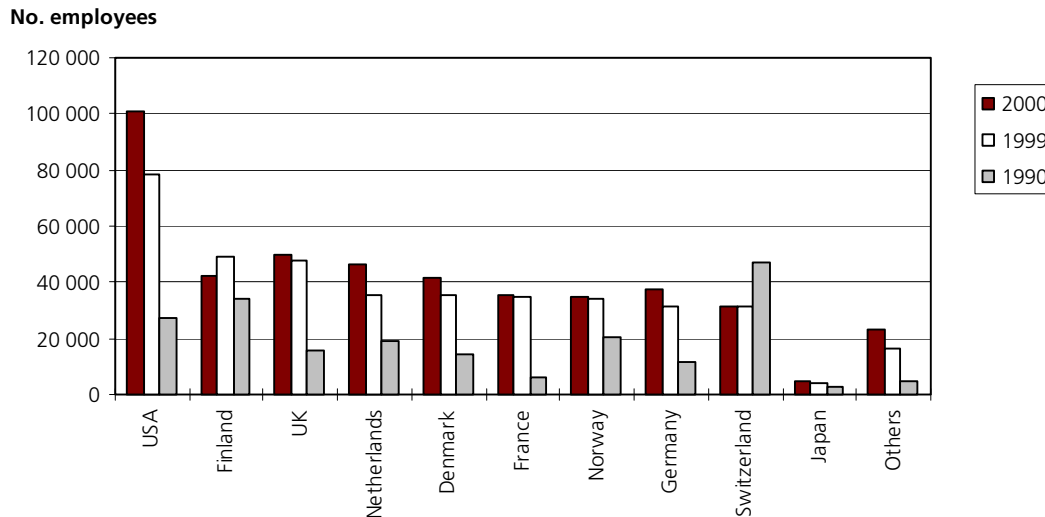


Figure 5

Employees in foreign owned enterprises 2000, 1999 and 1990 by ownership country



Service sector remains largest

Manufacturing industry had 215 612 employees, which is an increase of 35 093 persons. Out of the total increase of 49 228 employees, industrial enterprises accounted for approximately 70 percent. However, both the number of enterprises and the number of employees is still greatest within the service sector.

The service sector provided employment for 217 327 persons whilst other employees were mainly in the building sector.

Of the total number of foreign owned enterprises in 2000, 76 percent were in the service sector and 19 percent in manufacturing industry. Thus the service sector has increased in relation to industry. The number of service enterprises increased by 1 088 and the number of industrial enterprises by 136. The majority of foreign owned enterprises were in wholesaling, 1 701 enterprises. Wholesaling is also the service industry providing most employment, some 52 230 jobs. Research and other business activities are the next largest service industry (49 914 employees) whilst transport (25 637 employees) is the third largest service industry.

Most employees in industry were in the category manufacture of transport equipment with 47 108 employees, an increase of approximately 20 000 persons. This can largely be explained by a couple of large groups of enterprises making acquisitions. The chemical industry (including the pharmaceutical industry) and the rubber industry are the next largest industries with 38 789 employees and in third place comes manufacture of machinery and equipment with 28 007.

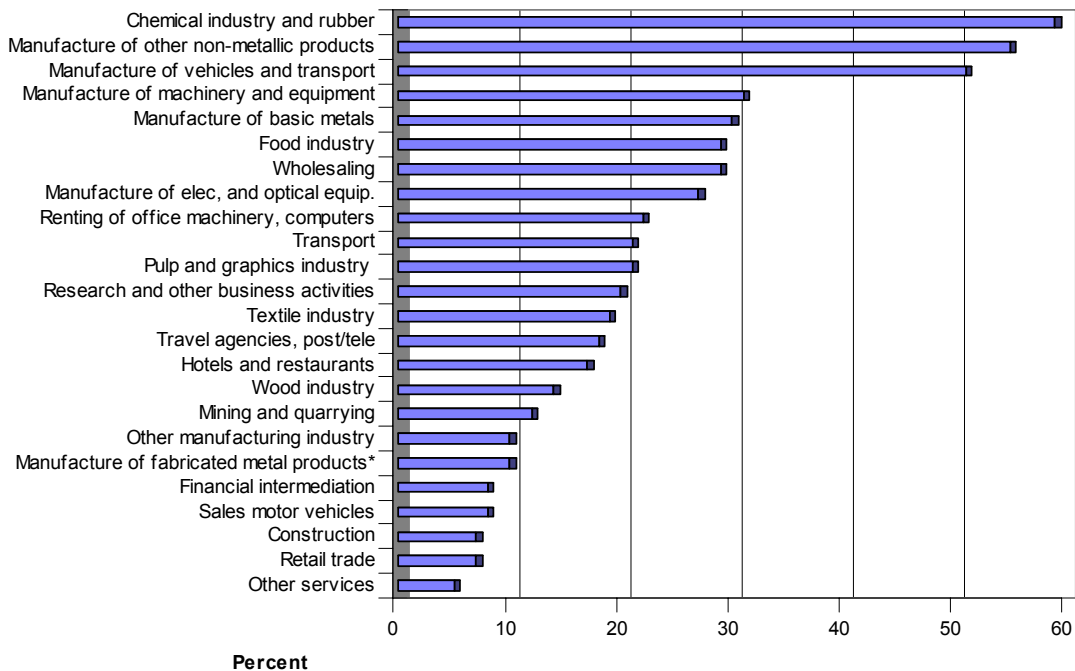
217 000 employees in foreign owned enterprises corresponded to 16 percent of the total number of employees in the service sector. This represents an increase of 1 percent compared to the previous year. The largest share of employees was in wholesaling with 29 percent. Within wholesaling, retailing of medicine equipment

was largest with 66 percent, followed by sales of fuels (65 percent). The next largest after wholesaling was rentals and computer related activities with 22 percent, transport with 21 percent and also research and other business activities with 20 percent. The smallest share was in the property industry where only 1 percent worked in foreign owned enterprises.

The 216 000 employees in foreign owned enterprises in manufacturing industry accounted for approximately 30 percent of all employees in these industries. The largest share of employees in foreign owned enterprises was in the chemical industry (including pharmaceutical industry) and also the rubber industry. 57 percent of employees in this industry worked in foreign owned enterprises. Within the chemical industry, the pharmaceutical industry had the largest share of employees in foreign owned enterprises with 89 percent. The industry with the next largest share was manufacture of other non-metallic products with 55 percent. Other industries with a large proportion of employees in foreign owned enterprises were manufacture of transport equipment (51 percent) and also manufacture of machinery and equipment (31 percent) (see Figure 6).

Figure 6

The number of employees in foreign owned enterprises as a percentage of all employees in industry in Sweden 2000



* except machinery and equipment

The ownership countries with the greatest proportion of industrial activity were Austria and Italy, with 86 and 67 percent respectively. Other countries with a large share of industrial activity were Finland, the USA, United Kingdom, and Switzerland. Countries with a large share of industrial activity were Japan (21 percent) and also Denmark (25 percent). Japanese enterprises in Sweden rank highest in wholesaling (35 percent of employees) whilst Danish and French owned enterprises largely belonged to the group "other industries" (63 and 59 percent).

A few large enterprises provide most employment

Out of 5519 foreign owned enterprises in 2000, 78 percent can be regarded as small (fewer than 50 employees). These enterprises, however, account for only 10 percent of employees in foreign owned enterprises. The majority were employees in large enterprises. Only 6 percent of foreign owned enterprises could be regarded in 2000 as large (more than 250 employees), but their share of employment amounted to 68 percent. Medium-sized enterprises (50-249 employees) made up 16 percent of foreign owned enterprises and their share of employment was 22 percent. The share of foreign owned enterprises in the total number of employees in industry was highest in the categories 250-499 employees (33 percent) and more than 500 employees (31 percent).

The large enterprises had most employees in industry, whilst small enterprises had most in the service sector. Of foreign owned enterprises with at least 250 employees, 54 percent of these were in manufacturing industry. Of the smallest enterprises (fewer than 50 employees), the corresponding figure was only 17 percent. These enterprises had most employees within wholesaling, which accounted for 37 percent of employees in this size category.

Large urban areas dominate

62 percent of employees in foreign owned enterprises were in the three large urban areas (Counties of Stockholm, Skåne and Västra Götaland). 276 258 employees were in these three counties, of which half were in the County of Stockholm.

Even though most employees were in the County of Stockholm, the Counties of Blekinge and Västmanland were most dependent on foreign owned enterprises. In the County of Blekinge, 35 percent of the total number of employees in the business sector worked in establishments which belonged to foreign owned enterprises. In the County of Västmanland, this is largely due to ABB. Of all employees in the business sector in the county, 25 percent worked in establishments belonging to foreign owned enterprises. Other counties with a relatively large share of employees in foreign owned enterprises were the Counties of Värmland and Dalarna (24 and 20 percent respectively).

In nearly all counties a large proportion of employees in foreign owned enterprises were in manufacturing industry. In both the Counties of Stockholm and Norrbotten, the majority of employees in foreign owned enterprises are in the service sector.

ICT enterprises

Foreign owned ICT enterprises exist throughout the country, but as in 1999 both the largest number of enterprises and the largest number of employees are in the three large urban areas. In percentage terms the number of ICT enterprises has increased by 44 percent, from 756 enterprises in 1999 to 1086 enterprises in 2000. The percentage increase in the number of employees was 12 percent (56 084 employees in 1999 and 62 804 employees in 2000).

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Table 1

Employees in foreign owned enterprises by industry and country of origin 2000. Percentage distribution of number of employed

Owner group / country of origin ¹⁾	Total 2000		Of which in					
	No.	Share	Manufacturing		Wholesaling		Other industries	
	emp.	emp.	No. emp.	Share emp.	No. emp.	Share emp.	No. emp.	Share emp.
Nordic area	118 656	100	52 680	44	13 331	11	52 645	44
Finland	42 035	100	27 090	64	4 336	10	10 609	25
Denmark	41 320	100	10 335	25	4 943	12	26 042	63
Norway	35 048	100	15 103	43	4 052	12	15 893	45
EU15 (excl. Swe, Fin, Den)	177 038	100	76 546	43	19 501	11	80 991	46
UK	49 717	100	26 659	54	2 858	6	20 200	41
Netherlands	46 041	100	19 526	42	6 055	13	20 460	44
France	35 213	100	11 510	33	3 080	9	20 623	59
Germany	37 453	100	13 314	36	6 321	17	17 818	48
Austria	3 102	100	2 657	86	232	7	213	7
Belgium /Luxembourg	3 641	100	1 689	46	508	14	1 444	40
Italy	1 506	100	1 003	67	381	25	122	8
Other EU	365	100	188	52	66	18	111	30
Central and Eastern Europe	95	100	-	-	32	34	63	66
NAFTA	103 904	100	62 285	60	13 643	13	27 976	27
USA	100 805	100	59 544	59	13 518	13	27 743	28
Asia	13 583	100	7 645	56	3 124	23	2 814	21
Japan	4 670	100	998	21	1 643	35	2 029	43
Rest of world	33 617	100	16 456	49	2 599	8	14 562	43
Switzerland	31 622	100	16 167	51	2 169	7	13 286	42
TOTAL	446 893	100	215 612	48	52 230	12	179 051	40
Of which								
EU15 (excl. Swe)	260 393	100	113 971	44	28 780	11	117 642	45

1) The country groups contain the following countries: Nordic area: Denmark, Finland, Norway, Iceland

EU15: Denmark, Finland, Belgium, Netherlands, Luxembourg, Germany, Austria, United Kingdom, Ireland, France, Spain, Portugal, Italy, Greece. Note that Denmark and Finland are included both in the Nordic area and in the EU 15.

Central and Eastern Europe: Bulgaria, Croatia, Lithuania, Poland, Russia, Slovenia, Czech Republic, Hungary.

NAFTA: USA, Canada, Mexico

Asia: Cyprus, United Arab Emirates, Hong Kong, India, Indonesia, Israel, Japan, China, Kuwait, Malaysia, Pakistan, Saudi Arabia, Singapore, South Korea, Syria, Taiwan, Thailand, Turkey.

Table 2

Foreign owned enterprises and employees by country of origin 2000 and 1999

Owner group / country of origin	2000			1999		
	No. enterprise	No. emp.	Share emp.	No. enterprise	No. emp.	Share emp.
TOTAL	5 519	446 893	100	4 263	397 665	100
Of which						
EU 15	3 370	260 393	58	2 508	239 609	60
Nordic area	1 759	118 656	27	1 262	118 200	30
NAFTA	810	103 904	23	723	80 289	20
Asia	212	13 583	3	190	11 051	3
Central and Eastern Europe	19	95	0	16	90	0
USA	775	100 805	23	687	78 621	20
UK	550	49 717	11	401	47 519	12
Netherlands	644	46 041	10	515	35 666	9
Finland	493	42 035	9	439	49 063	12
Denmark	591	41 320	9	353	35 122	9
Germany	588	37 453	8	474	31 457	8
France	223	35 213	8	166	34 796	9
Norway	668	35 048	8	467	33 841	9
Switzerland	313	31 622	7	282	31 411	8
Singapore	3	5 005	1	3	3 604	1
Japan	105	4 670	1	102	3 880	1
Belgium /Luxembourg	162	3 641	1	89	2 337	1
Austria	57	3 102	1	39	2 573	1
Canada	35	3 099	1	36	1 668	0
Cyprus	36	2 543	1	34	2 412	1
Italy	36	1 506	0	18	753	0
Saudi Arabia	34	961	0	31	907	0
Gibraltar	14	326	0	..	..	..
South Africa	11	322	0	4	109	0
Ireland	18	284	0	9	259	0
Bermuda	8	273	0	9	335	0
Iceland	7	253	0	3	174	0
Liechtenstein	10	210	0	7	200	0
Isle of Man	6	105	0	..	..	..
Israel	7	100	0	..	..	..
South Korea	6	62	0	4	48	0
Spain	6	61	0	4	59	0
British Virgin Isles	8	51	0	..	..	..
Hongkong	6	41	0	..	..	..
Poland	4	38	0	3	34	0
Panama	8	37	0	8	167	0
Jersey	4	27	0	..	..	..
Australia	9	22	0	4	352	0
Czech Republic	3	22	0	3	25	0
Taiwan	3	17	0	..	..	..
Russia	7	16	0	6	16	0
China	4	13	0	..	..	..
Bahamas	3	10	0	..	..	..
Slovenia	3	7	0	..	..	..
Dutch West Indies	..	..	..	10	11	0
Other countries	26	346	0	47	237	0
Country not specified	24	468	0	6	9	0
TOTAL	5 519	446 893	100	4 263	397 665	100

See footnote Table 1

Table 2 (cont)

Foreign owned enterprises and employees by country of origin 1990.

Owner group / country of origin ¹⁾ 1990	No. enterprise	No. emp.	Share emp.
TOTAL	2 563	203 752	100
Of which			
EU 15	1 476	104 223	51
Nordic area	882	68 900	34
NAFTA	359	27 750	14
Asia	52	2 519	1
Central and Eastern Europe	..	..	..
USA	350	27 379	13
UK	271	15 607	8
Netherlands	199	19 185	9
Finland	372	34 372	17
Denmark	241	14 024	7
Germany	222	11 906	6
France	92	6 258	3
Norway	264	20 503	10
Switzerland	328	47 008	23
Singapore	..	..	..
Japan	49	2 510	1
Belgium /Luxembourg	33	1 509	1
Austria	15	259	0
Canada	9	371	0
Cyprus	..	..	..
Italy	23	866	0
Saudi Arabia	..	..	..
Gibraltar	..	..	..
South Africa	..	..	..
Ireland	4	204	0
Bermuda	..	..	..
Iceland	..	..	..
Liechtenstein	..	..	..
Isle of Man	..	..	..
Israel	..	..	..
South Korea	..	..	..
Spain	3	25	0
British Virgin Isles	..	..	..
Hongkong	..	..	..
Poland	..	..	..
Panama	..	..	..
Jersey	..	..	..
Australia	7	254	0
Czech Republic	..	..	..
Taiwan	..	..	..
Russia	..	..	..
China	..	..	..
Bahamas	..	..	..
Slovenia	..	..	..
Dutch West Indies	..	..	..
Other countries	23	373	0
Country not specified	66	1 392	1
TOTAL	2 563	203 752	100

1) See footnote Table 1

Table 3

Foreign owned enterprises, employees and enterprises as percent of all enterprises in business sector 2000. By industry.

Industry / indy. group	SNI 92	2000				
		No. enterprise:	No. emp.	Share emp. of all in for. owned ent ¹⁾	No. enterprises in business life ²⁾	For. owned ent. as percentage of all in industry in Sweden ³⁾
Agriculture, forestry and fishing	01-05					
electricity, gas, heating, water	40-41	36	1 216	0	147 014	0
Mining and quarrying	10-14	25	1 045	0	595	4
Manufacturing	15-37	1 039	215 612	48	52 907	2
Of which						
Food industry	15-16	58	18 420	4	2 978	2
Textile industry	17-19	20	2 341	1	3 800	1
Wood industry	20	31	4 978	1	6 061	1
Pulp and graphics industry	21-22	151	19 923	4	8 888	2
Chemicals and rubber	23-25	172	38 789	9	2 419	7
Manufacture of other non-metallic mineral products	26	50	9 097	2	1 573	3
Manufacture of basic metals	27	38	9 192	2	363	10
Manufacture of fabricated products, machinery and equipment of which	28-35	482	109 919	25	21 463	2
Manufacture of fabricated metal products, except machinery and equipment	28	99	8 025	2	10 004	1
Manufacture of machinery and equipment	29	177	28 007	6	5 023	4
Manufacture of electrical and optical equipment	30-33	139	26 779	6	4 379	3
Manufacture of vehicles and transport equipment	34-35	67	47 108	11	2 057	3
Other manufacturing industry	36-37	37	2 953	1	5 362	1
Construction	45	132	11 656	3	53 249	0
Service sector	50-99	4 201	217 327	49	426 552	1
Of which						
Sales motor vehicles	50	111	4 933	1	18 885	1
Wholesaling	51	1 701	52 230	12	41 754	4
Retail trade	52	166	13 147	3	57 538	0
Hotels and restaurants	55	105	14 153	3	20 811	1
Transport	60-62	112	25 637	6	26 181	0
Travel agencies, post/tele	63-64	238	22 921	5	5 449	4
Financial intermediation	65-67	173	6 337	1	6 068	3
Real estate	70	314	743	0	41 863	1
Renting activities, computer and related activities	71-72	364	19 124	4	27 047	1
Research and other business activities	73-74	784	49 914	11	107 476	1
Other services	75-99	133	8 188	2	73 480	0
Activity code unknown	0	86	37	0	105 720	0
TOTAL	01-99	5 519	446 893	100	786 037	1

1) Share of enterprise refers to foreign owned enterprises in the industry in relation to the total number of foreign owned enterprises.

2) Business sector: Enterprises, representative organisations of enterprises etc, branches of foreign enterprises, banks, other financial institutes, insurance institutes and private companies.

3) Share of foreign owned enterprises refers to foreign owned enterprises in the industry in relation to the total number of enterprises in the industry in Sweden.

Table 4A

Number of foreign owned enterprises, employees and employees as percent of all employees in business sector 2000. By industry.

Industry / indy. group	SNI 92	2000				
		No. enterprise	No. emp.	Share emp. of all in for. owned ent ¹⁾	No. emp. in business life ²⁾	Employ as % of all in industry in Sweden ³⁾
Agriculture, forestry and fishing, electricity, gas, heating, water	01-05 40-41	36	1 216	0	57 096	2
Mining and quarrying	10-14	25	1 045	0	8 399	12
Manufacturing	15-37	1 039	215 612	48	719 420	30
Of which						
Food industry	15-16	58	18 420	4	62 924	29
Textile industry	17-19	20	2 341	1	12 171	19
Wood industry	20	31	4 978	1	36 188	14
Pulp and graphics industry	21-22	151	19 923	4	92 984	21
Chemicals and rubber	23-25	172	38 789	9	68 099	57
Manufacture of other non-metallic products	26	50	9 097	2	16 646	55
Manufacture of basic metals	27	38	9 192	2	30 918	30
Manufacture of fabricated products, machinery and equipment of which	28-35	482	109 919	25	369 212	30
Manufacture of fabricated metal products, except machinery and equipment	28	99	8 025	2	84 070	10
Manufacture of machinery and equipment	29	177	28 007	6	91 539	31
Electronics industry	30-33	139	26 779	6	100 629	27
Manufacture of vehicles and transport equipment	34-35	67	47 108	11	92 974	51
Other manufacturing industry	36-37	37	2 953	1	30 278	10
Construction	45	132	11 656	3	178 282	7
Service sector	50-99	4 201	217 327	49	1 388 162	16
Of which						
Sales motor vehicles	50	111	4 933	1	61 490	8
Wholesaling	51	1 701	52 230	12	177 089	29
Retail trade	52	166	13 147	3	193 518	7
Hotels and restaurants	55	105	14 153	3	85 715	17
Transport	60-62	112	25 637	6	122 344	21
Travel agencies, post/tele	63-64	238	22 921	5	125 631	18
Financial intermediation	65-67	173	6 337	1	77 041	8
Real estate	70	314	743	0	49 539	1
Renting activities, computer and related activities	71-72	364	19 124	4	86 972	22
Research and other business activities	73-74	784	49 914	11	249 674	20
Other services	75-99	133	8 188	2	159 149	5
Activity code unknown	0	86	37	0	2 505	1
TOTAL	01-99	5 519	446 893	100	2 353 864	19

1) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in foreign owned enterprises.

2) Business sector: Enterprises, organisations representing enterprises etc., branches of foreign enterprises, banks, other financial institutes, insurance institutes and personal companies.

3) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in the industry in Sweden.

Table 4B

Number of foreign owned enterprises, employees and employees as percent of all employees in business sector 1999. By industry.

Industry / indy. group	SNI 92	1999				
		No. enterprises	No. emp.	Share emp. of all in for. owned ent ¹⁾	No. emp. in business life ²⁾	Emply as % of all in industry in Sweden ³⁾
Agriculture, forestry and fishing, electricity, gas, heating, water	01-05 40-41	57	1 868	0	57 537	3
Mining and quarrying	10-14	21	946	0	8 605	11
Manufacturing	15-37	903	180 519	46	721 769	25
Of which						
Food industry	15-16	46	16 939	4	64 190	26
Textile industry	17-19	16	2 267	1	11 844	19
Wood industry	20	24	4 130	1	37 547	11
Pulp and graphics industry	21-22	131	18 521	5	94 651	20
Chemicals and rubber	23-25	153	35 476	9	65 372	54
Manufacture of other non-metallic products	26	44	8 337	2	16 677	50
Manufacture of basic metals	27	36	8 637	2	31 422	27
Manufacture of fabricated products, machinery and equipment	28-35	421	83 699	21	374 235	22
of which						
Manufacture of fabricated metal products, except machinery and equipment	28	79	7 120	2	92 515	8
Manufacture of machinery and equipment	29	163	27 780	7	93 462	30
Electronics industry	30-33	122	22 024	6	95 942	23
Manufacture of vehicles and transport equipment	34-35	57	26 775	7	92 316	29
Other manufacturing industry	36-37	32	2 513	1	25 831	10
Construction	45	100	11 280	3	177 634	6
Service sector	50-99	3 113	202 931	51	1 382 209	15
Of which						
Sales motor vehicles	50	83	3 796	1	61 699	6
Wholesaling	51	1 206	48 281	12	182 708	26
Retail trade	52	94	11 186	3	193 401	6
Hotels and restaurants	55	92	11 664	3	85 128	14
Transport	60-62	97	25 178	6	122 297	21
Travel agencies, post/tele	63-64	163	17 874	4	122 820	15
Financial intermediation	65-67	147	12 592	3	76 941	16
Real estate	70	272	656	0	51 045	1
Renting activities, computer and related activities	71-72	220	17 997	5	83 857	21
Research and other business activities	73-74	622	43 639	11	244 588	18
Other services	75-99	117	10 068	3	157 725	6
Activity code unknown	0	69	121	0	3 027	4
TOTAL	01-99	4 263	397 665	100	2 350 781	17

1) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in foreign owned enterprises.

2) Business sector: Enterprises, organisations representing enterprises etc., branches of foreign enterprises, banks, other financial institutes, insurance institutes and personal companies.

3) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in the industry in Sweden.

Table 4C

Number of foreign owned enterprises, employees and employees as percent of all employees in business sector 1990. By industry.

Industry / indy. group	SNI 92	1990				
		No. enterprises	No. emp.	Share emp. of all in for. owned ent ¹⁾	No. emp. in business life ²⁾	Emply as % of all in industry in Sweden ³⁾
Agriculture, forestry and fishing, electricity, gas, heating, water	01-05 40-41	13	136	0	43 022	0
Mining and quarrying	10-14	5	404	0	12 614	3
Manufacturing	15-37	659	123 642	60	870 290	14
Of which						
Food industry	15-16	46	13 331	7	72 375	18
Textile industry	17-19	21	1 561	1	26 511	6
Wood industry	20	20	936	0	50 255	2
Pulp and graphics industry	21-22	64	9 487	5	117 439	8
Chemicals and rubber	23-25	108	17 289	8	68 391	25
Manufacture of other non-metallic products	26	31	7 734	4	23 686	33
Manufacture of basic metals	27	13	2 744	1	40 657	7
Manufacture of fabricated products, machinery and equipment of which	28-35	325	68 782	33	430 864	16
Manufacture of fabricated metal products, except machinery and equipment	28	94	7 816	4	114 490	7
Manufacture of machinery and equipment	29	124	26 299	13	110 949	24
Electronics industry	30-33	75	29 577	14	96 628	31
Manufacture of vehicles and transport equipment	34-35	32	5 090	2	108 797	5
Other manufacturing industry	36-37	31	1 778	1	27 498	6
Construction	45	76	7 281	4	230 351	3
Service sector	50-99	1 771	72 196	36	1 210 161	6
Of which						
Sales motor vehicles	50	58	2 538	1	64 958	4
Wholesaling	51	1 024	36 319	18	185 545	20
Retail trade	52	71	3 747	2	206 798	2
Hotels and restaurants	55	11	1 761	1	76 930	2
Transport	60-62	66	7 287	5	132 117	6
Travel agencies, post/tele	63-64	83	3 324	2	147 716	2
Financial intermediation	65-67	76	2 005	1	81 962	2
Real estate	70	45	191	0	42 160	0
Renting activities, computer and related activities	71-72	86	3 128	2	32 506	10
Research and other business activities	73-74	218	10 818	5	164 659	7
Other services	75-99	32	1 077	1	74 810	1
Activity code unknown	0	40	93	0	5 571	2
TOTAL 2000	01-99	2 563	203 752	100	2 386 284	9

1) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in foreign owned enterprises.

2) Business sector: Enterprises, organisations representing enterprises etc., branches of foreign enterprises, banks, other financial institutes, insurance institutes and personal companies.

3) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in the industry in Sweden.

Table 5

Number of foreign owned enterprises, employees and employees as percent of all employees in business sector 2000. By industry.

Industry / indy. group	SNI 92	2000				
		No. enterprise	No. emp.	Share emp. of all in for. owned ent ¹⁾	No. emp. in business life ²⁾	Emply as % of all in industry in Sweden ³⁾
Agriculture, forestry and fishing	01-05					
electricity, gas, heating, water	40-41	36	1 216	0	57 096	2
Mining and quarrying	10-14	25	1 045	0	8 399	12
Manufacturing	15-37	1 039	215 612	48	719 420	30
Of which						
Food industry	15-16	58	18 420	4	62 924	29
of which						
Manufacture of food and tobacco	15	57	17 930	4	61 924	29
Food industry excl other	15.1-15.6	29	6 863	2	32 467	21
Manufacture of other food products	15.8	19	7 027	2	22 788	31
Textile industry	17-19	20	2 341	1	12 171	19
of which						
Manufacture of made-up textile articles	17.4	4	94	0	1 804	5
Other textiles	17.5	12	1 884	0	3 744	50
Wood industry	20	31	4 978	1	36 188	14
Pulp industry	21	45	15 035	3	43 796	34
Graphic industry	22	106	4 888	1	49 188	10
Chemicals and rubber	23-25	172	38 789	9	68 099	57
of which						
Petroleum refineries	23.2	10	1 386	0	1 760	79
Chemical industry	24	99	31 337	7	38 284	82
Manufacture of basic chemicals etc.	24.1-24.3	61	9 799	2	14 537	67
Pharmaceutical industry etc	24.41-24.42	14	19 328	4	21 673	89
Rubber and plastics	25	61	6 061	1	25 268	24
Manufacture of other non-metallic products	26	50	9 097	2	16 646	55
Manufacture of basic metals	27	38	9 192	2	30 918	30
Manufacture of fabricated products, machinery and equipment	28-35	482	109 919	25	369 212	30
of which						
Manufacture of fabricated metal products, except machinery and equipment	28	99	8 025	2	84 070	10
Manufacture of machinery and equipment	29	177	28 007	6	91 539	31
Manufacture of office machinery and computers	30	7	1 063	0	4 372	24
Mfr of elec. mach and app	31	51	8 894	2	33 221	27
Tele products	32	21	9 747	2	38 558	25
Instruments	33	60	7 075	2	24 478	29
Manufacture of vehicles and transport equipment	34	44	42 796	10	73 347	58
Other transport equip.	35	23	4 312	1	19 627	22
Other manufacturing industry	36-37	37	2 953	1	30 278	10
of which						
Furniture industry	36.1	19	1 640	0	24 676	7

1) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in foreign owned enterprises.

2) Business sector: Enterprises, organisations representing enterprises etc., branches of foreign enterprises, banks, other financial institutes, insurance institutes and personal companies

3) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in the industry in Sweden.

Table 5 (cont)

Number of foreign owned enterprises, employees and employees as percent of all employees in business sector 2000.

Industry / indy. group	SNI 92	2000				
		No. enterprise	No. emp.	Share emp. of all in for. owned ent ¹⁾	No. emp. in business life ²⁾	Emply as % of all in industry in Sweden ³⁾
Construction	45	132	11 656	3	178 282	7
Service sector	50-99	4 201	217 327	49	1 388 162	16
Of which						
Sales motor vehicles	50	111	4 933	1	61 490	8
Wholesaling	51	1 701	52 230	12	177 089	29
of which						
Household goods etc	51.43	125	5 667	1	10 533	54
Medical equipment etc	51.46	129	4 953	1	7 560	66
Other household gds	51.47	101	3 388	1	14 501	23
Fuel	51.51	42	2 841	1	4 379	65
Wood and other building materials	51.53	111	3 446	1	13 943	25
Office machinery etc	51.64	129	10 140	2	21 360	47
Other machines	51.65	426	9 445	2	27 427	34
Retail trade	52	166	13 147	3	193 518	7
Hotels and restaurants	55	105	14 153	3	85 715	17
Transport	60-62	112	25 637	6	122 344	21
Travel agencies, post/tele	63-64	238	22 921	5	125 631	18
of which						
Goods terminals, travel agencies	63.1-63.4	199	18 537	4	47 884	39
Travel agencies etc	63.3	71	4 740	1	9 833	48
Financial intermediation	65-67	173	6 337	1	77 041	8
Real estate	70	314	743	0	49 539	1
Renting activities, computer and related activities	71-72	364	19 124	4	86 972	22
Research and other business activities	73-74	784	49 914	11	249 674	20
of which						
Law, accounting, other consultancy	74.11-74.15	331	7 259	2	68 023	11
Architect offs etc	74.2-74.3	144	7 179	2	58 270	12
Advertising and marketing	74.4	141	2 809	1	21 030	13
Industrial cleaning	74.7	18	9 747	2	29 373	33
Other business activities	74.8	94	16 075	4	45 504	35
Other services	75-99	133	8 188	2	159 149	5
Activity code unknown	0	86	37	0	2 505	1
TOTAL	01-99	5 519	446 893	100	2 353 864	19

1) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in foreign owned enterprises.

2) Business sector: Enterprises, organisations representing enterprises etc., branches of foreign enterprises, banks, other financial institutes, insurance institutes and personal companies

3) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in the industry in Sweden.

Table 6Foreign owned enterprises and employees 2000, 1999 and 1990 and employees as percent of all employees in business sector. By size¹⁾

Enterprise size/ No. emp.	2000				1999			
	No. enterprise	No. emp.	Share emp.	Emp in percent of bus. sec.	No. enterprise	No. emp.	Share emp.	Emp in percent of bus. sec.
0	1 238	0	0	0	910	0	0	0
1-9	1 505	6 339	1	1	909	3 870	1	1
10-49	1 563	36 927	8	8	1 288	31 380	8	6
50-249	879	98 479	22	23	833	93 716	24	21
250-499	170	58 060	13	33	177	59 928	15	36
500-	164	247 088	55	31	146	208 771	52	26
TOTAL	5 519	446 893	100	19	4 263	397 665	100	17

Enterprise size/ No. emp.	1990			
	No. enterprise	No. emp.	Share emp.	Emp in percent of bus. sec.
0	352	0	0	0
1-9	752	3 325	2	1
10-49	797	18 952	9	4
50-249	479	53 158	26	13
250-499	96	32 976	16	18
500-	87	95 340	47	10
TOTAL	2 563	203 752	100	9

1) Size categories 0 – 49 regarded as small enterprises, 50 – 249 as medium-sized enterprises and 250 – employees as large enterprises

Table 7

Employees in foreign owned enterprises by size and industry 2000. Percentage distribution of no employees.

Enterprise size/ No. emp.	Total 2000		Of which in					
	No. employees	Share employees	Manufacturing		Wholesaling		Other industries	
			No. employees	Share employees	No. employees	Share employees	No. employees	Share employees
0	0	0	0	0	0	0	0	0
1-9	6 339	100	526	8	2 786	44	3 027	48
10-49	36 927	100	6 742	18	13 422	36	16 763	45
50-249	98 479	100	42 708	43	19 211	20	36 560	37
250-499	58 060	100	31 820	55	6 598	11	19 642	34
500-	247 088	100	133 816	54	10 213	4	103 059	42
TOTAL	446 893	100	215 612	48	52 230	12	179 051	40

Table 8

Employees in foreign owned establishments by county in Sweden 2000. Percentage distribution of number employees per county.

County	Total 2000		Of which in						
	No. emp.	Share emp.	Nordic area excl Sweden		EU15 (excl. Swe, Fin, Den)		Other countries		
			No. emp.	Share emp.	No. emp.	Share emp.	No. emp.	Share emp.	
County									
01 Stockholm	130 236	100	31 136	23,9	54 826	42	44 274	34	
14 Västra Götaland	88 188	100	18 351	20,8	26 717	30	43 120	49	
12 Skåne	57 834	100	18 609	32,2	30 106	52	9 119	16	
19 Västmanland	17 493	100	3 346	19,1	4 132	24	10 015	57	
05 Östergötland	16 466	100	4 959	30,1	7 687	47	3 820	23	
17 Värmland	14 544	100	7 200	49,5	6 315	43	1 029	7	
06 Jönköping	13 874	100	3 557	25,6	4 953	36	5 364	39	
20 Dalarna	13 030	100	5 035	38,6	4 293	33	3 702	28	
10 Blekinge	12 983	100	1 907	14,7	4 104	32	6 972	54	
18 Örebro	12 360	100	4 234	34,3	4 743	38	3 383	27	
22 Västernorrland	10 204	100	3 743	36,7	3 956	39	2 505	25	
04 Södermanland	9 311	100	904	10	4 676	50	3 731	40	
07 Kronoberg	8 665	100	1 982	22,9	4 611	53	2 072	24	
08 Kalmar	8 089	100	2 090	25,8	3 887	48	2 112	26	
03 Uppsala	7 317	100	2 150	29,4	2 603	36	2 564	35	
13 Halland	6 798	100	2 438	35,9	2 874	42	1 486	22	
21 Gävleborg	6 659	100	2 909	43,7	2 332	35	1 418	21	
24 Västerbotten	5 199	100	2 108	40,5	1 953	38	1 138	22	
25 Norrbotten	2 970	100	1 336	45	1 057	36	577	19	
23 Jämtland	2 748	100	441	16	790	29	1 517	55	
09 Gotland	1 925	100	221	11,5	423	22	1 281	67	
TOTAL	446 893	100	118 656	26,6	177 038	40	151 199	34	

Table 9

Employees in foreign owned establishments by county, municipality, and by industry in Sweden 2000. Percentage distribution of employees by industry.

County/Municipality	Total 2000		Of which in					
	No. emp.	Share emp.	Manufacturing ¹⁾		Wholesaling ¹⁾		Other industries ¹⁾	
			No. emp.	Share emp.	No. emp.	Share emp.	No. emp.	Share emp.
County								
01 Stockholm	130 236	100	24 870	19	27 468	21	77 898	60
14 Västra Götaland	88 188	100	44 736	51	8 988	10	34 464	39
12 Skåne	57 834	100	25 724	44	6 931	12	25 179	44
19 Västmanland	17 493	100	11 040	63	738	4	5 715	33
05 Östergötland	16 466	100	8 900	54	1 022	6	6 544	40
17 Värmland	14 544	100	11 118	76	508	3	2 918	20
06 Jönköping	13 874	100	8 759	63	879	6	4 236	31
20 Dalarna	13 030	100	9 246	71	292	2	3 492	27
10 Blekinge	12 983	100	9 602	74	199	2	3 182	25
18 Örebro	12 360	100	7 875	64	1 292	10	3 194	26
22 Västernorrland	10 204	100	5 373	53	787	8	4 044	40
04 Södermanland	9 311	100	6 605	71	572	6	2 134	23
07 Kronoberg	8 665	100	3 719	43	1 514	17	3 432	40
08 Kalmar	8 089	100	6 301	78	224	3	1 564	19
03 Uppsala	7 317	100	3 583	49	367	5	3 367	46
13 Halland	6 798	100	3 746	55	913	13	2 139	31
21 Gävleborg	6 659	100	3 148	47	418	6	3 093	46
24 Västerbotten	5 199	100	1 890	36	447	9	2 862	55
25 Norrbotten	2 970	100	468	16	380	13	2 122	71
23 Jämtland	2 748	100	937	34	134	5	1 677	61
09 Gotland	1 925	100	1 641	85	32	2	252	13
TOTAL	446 893	100	199 281	45	54 105	12	193 508	43
Municipality								
Stockholm	72 528	100	7 955	11	14 404	20	50 169	69
Göteborg	38 276	100	12 101	32	5 083	13	21 092	55
Malmö	18 325	100	4 205	23	4 007	22	10 113	55
Other municipalities	317 764	100	175 019	55	30 611	10	112 134	35
TOTAL	446 893	100	199 280	45	54 105	12	193 508	43

1) The number of employees is based on the establishment's industry and not the enterprise's industry as in table 1.

Table 10

Number establishments in foreign owned enterprises by county and municipality in Sweden 2000. Percentage distribution of establishments by county.

County/Municipality	Total 2000			
	No. estab-lishments	Share estab-lishments ¹⁾	No. of estab-lishments in business sector ²⁾	Establishments as percent of business sector ³⁾
County				
01 Stockholm	3 841	31	177 184	2
14 Västra Götaland	2 125	17	134 745	2
12 Skåne	1 834	15	99 963	2
19 Västmanland	301	2	18 987	2
05 Östergötland	436	4	30 904	1
17 Värmland	308	3	28 168	1
06 Jönköping	343	3	32 759	1
20 Dalarna	279	2	30 374	1
10 Blekinge	149	1	11 988	1
18 Örebro	347	3	21 338	2
22 Västernorrland	314	3	23 589	1
04 Södermanland	210	2	18 861	1
07 Kronoberg	221	2	20 456	1
08 Kalmar	187	2	23 096	1
03 Uppsala	245	2	24 806	1
13 Halland	268	2	26 473	1
21 Gävleborg	240	2	24 665	1
24 Västerbotten	261	2	28 548	1
25 Norrbotten	203	2	23 120	1
23 Jämtland	82	1	17 073	0
09 Gotland	35	0	6 447	1
TOTAL	12 229	100	823 544	1
Municipality				
Stockholm	2 348	19	88 627	3
Göteborg	1 111	9	40 176	3
Malmö	810	7	20 890	4
Other municipalities	7 960	65	673 851	1
TOTAL	12 229	100	823 544	1

1) Share of establishments refers to foreign owned establishments in the county in relation to the total number of foreign owned workplaces.

2) Business sector: Enterprises, organisations representing enterprises etc., branches of foreign enterprises, banks, other financial institutes, insurance institutes and personal companies

3) Share of foreign owned establishments in relation to total number of establishments in the county.

Table 11

Foreign owned establishments and employees 2000 and 1999 and employees as percent of all employees in the business sector.
By county and municipality.

County/Municipality	2000				1999			
	No. establishments	No. emp.	Share emp.	Emp in percent of bus. sec.	No. establishments	No. emp.	Share emp.	Emp in percent of bus. sec.
County								
01 Stockholm	3 841	130 236	29	21	3 163	120 703	30	20
14 Västra Götaland ¹⁾	2 125	88 188	20	22	1 828	71 019	18	18
12 Skåne ²⁾	1 834	57 834	13	21	1 548	54 331	14	20
19 Västmanland	301	17 493	4	26	302	16 546	4	25
05 Östergötland	436	16 466	4	16	416	13 312	3	13
17 Värmland	308	14 544	3	24	386	14 205	4	23
06 Jönköping ¹⁾	343	13 874	3	15	325	12 074	3	13
20 Dalarna	279	13 030	3	20	288	12 236	3	19
10 Blekinge	149	12 983	3	35	132	8 495	2	24
18 Örebro	347	12 360	3	18	353	11 230	3	17
22 Västernorrland	314	10 204	2	17	299	8 039	2	14
04 Södermanland	210	9 311	2	17	194	8 211	2	15
07 Kronoberg	221	8 665	2	17	212	8 530	2	17
08 Kalmar	187	8 089	2	14	169	7 273	2	13
03 Uppsala	245	7 317	2	14	211	7 551	2	14
13 Halland	268	6 798	2	12	240	6 398	2	11
21 Gävleborg	240	6 659	1	10	273	6 295	2	10
24 Västerbotten	261	5 199	1	9	237	4 720	1	9
25 Norrbotten	203	2 970	1	6	190	2 937	1	6
23 Jämtland	82	2 748	1	10	95	1 957	0	7
09 Gotland	35	1 925	0	18	32	1 603	0	16
15 Älvsborg	-	-	-	-	-	-	-	-
16 Skaraborg	-	-	-	-	-	-	-	-
11 Kristianstad	-	-	-	-	-	-	-	-
TOTAL	12 229	446 893	100	19	10 893	397 665	100	17
Municipality								
Stockholm	2 348	72 529	16	20	1 995	70 372	18	16
Göteborg	1 111	38 276	9	22	926	32 622	8	12
Malmö	810	18 325	4	21	663	17 809	4	17
Other municipalities	7 960	317 763	71	18	7 309	276 862	70	15
TOTAL	12 229	446 893	100	19	10 893	397 665	100	15

1) As of 1998 all municipalities (except Mullsjö and Habo) in the Counties of Älvsborg, Skaraborg and also Göteborg and Bohus formed a new regional area called the County of Västra Götaland. The municipalities of Mullsjö and Habo are in the County of Jönköping from 1998. In 1990 and 1997 the reports were, however, based on the earlier division of counties.

2) The County of Skåne from 1997 has been merged with the Counties of Kristianstad and Malmöhus.

Table 11 (cont)

Foreign owned establishments and employees 1990 and employees as percent of all employees in the business sector. By county and municipality.

County/Municipality	1990			
	No. estab-lishments	No. emp.	Share emp.	Emp in percent of bus. sec.
County				
01 Stockholm	1 665	54 626	27	10
14 Göteborg- and Bohus ¹⁾	739	18 596	9	8
12 Malmöhus ²⁾	762	25 045	12	12
19 Västmanland	187	14 807	7	20
05 Östergötland	193	11 684	6	11
17 Värmland	128	7 560	4	11
06 Jönköping ¹⁾	177	5 856	3	7
20 Dalarna	110	4 736	2	6
10 Blekinge	47	2 769	1	7
18 Örebro	146	4 246	2	6
22 Västernorrland	214	5 382	3	8
04 Södermanland	102	6 267	3	10
07 Kronoberg	93	5 355	3	10
08 Kalmar	74	4 459	2	7
03 Uppsala	92	2 528	1	5
13 Halland	120	3 774	2	7
21 Gävleborg	118	3 734	2	5
24 Västerbotten	136	2 433	1	4
25 Norrbotten	108	1 479	1	2
23 Jämtland	41	492	0	2
09 Gotland	14	197	0	2
15 Älvsborg	175	7 612	4	7
16 Skaraborg	89	6 405	3	9
11 Kristianstad	104	3 709	2	6
TOTAL	5 633	203 752	100	9
Municipality				
Stockholm	1 158	27 714	14	8
Göteborg	604	11 166	5	7
Malmö	424	9 109	4	10
Other municipalities	3 447	155 763	76	9
TOTAL	5 633	203 752	100	9

1) As of 1998 all municipalities (except Mullsjö and Habo) in the Counties of Älvsborg, Skaraborg and also Göteborg and Bohus formed a new regional area called the County of Västra Götaland. The municipalities of Mullsjö and Habo are in the County of Jönköping from 1998. In 1990 and 1997 the reports were, however, based on the earlier division of counties.

2) The County of Skåne from 1997 has been merged with the Counties of Kristianstad and Malmöhus.

Table 12

Foreign owned ICT enterprises 2000. By industry.

Industry / indy. group	SNI 92	Total 2000		Total 1999	
		No. enterprise	No. employees	No. enterprise	No. employees
Manufacturing of:					
Office machinery	30.01	3	455	3	540
Computers	30.02	4	608	3	512
Insulated wire and cable	31.30	5	1 015	6	1 313
Electronic components	32.10	11	1 198	6	1 129
Communications equipment	32.20	5	6 976	3	3 878
Radio and TV receivers	32.30	5	1 573	2	453
Measuring instruments	33.20	16	2 524	18	3 298
Control instruments	33.30	4	1 527	5	1 518
Total manufacturing		53	15 876	46	12 641
Wholesaling with:					
Household goods, radio, and TV	51.43	125	5 667	95	4 749
Office machinery and equipment	51.64	129	10 140	95	9 292
Other machines for industry, trade and shipping	51.65	426	9 445	301	9 588
Total wholesaling		680	25 252	491	23 629
Renting of office machinery and equipment including computers	71.33	9	133	6	110
Telecommunications	64.20	35	3 301	26	2 562
Consultancy related to:					
Hardware	72.10	12	352	6	139
Software, consultancy and supply	72.20	252	12 777	151	12 156
Data processing	72.30	18	2 971	13	2 639
Database activities	72.40	9	786	5	531
Maintenance and repair of office, accounting and computing machinery	72.50	8	1 209	6	1 399
Other computer related activities	72.60	10	147	6	278
Total consultancy		309	18 242	187	17 142
Total services		1 033	46 928	710	43 443
TOTAL		1 086	62 804	756	56 084

1) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in foreign owned enterprises.

2) Business sector: Enterprises, organisations representing enterprises etc., branches of foreign enterprises, banks, other financial institutes, insurance institutes and personal companies

3) Share of employees refers to employees in foreign owned enterprises in the industry in relation to the total number of employees in the industry in Sweden.

Table 13

Foreign owned ICT enterprises by the 10 largest countries of origin 2000.

Owner group/ country of origin	Total 2000		Of which		Of which	
	No. enterprise	No. employees	Service prod. No. enterprise	IT enterprises No. employees	1) Of which Data consultancy ²⁾ No. enterprise	No. employees
USA	236	17 301	221	13 837	70	4 013
UK	104	6 157	101	5 890	40	3 295
Switzerland	53	5 807	44	2 214	6	1 287
Finland	114	5 460	111	4 840	59	2 526
France	50	5 199	48	4 178	6	2 328
Netherlands	81	4 397	80	4 332	22	1 187
Germany	118	3 372	115	3 299	14	388
Norway	101	3 335	98	3 155	34	1 488
Japan	36	2 079	36	2 079	2	..
Denmark	81	1 779	79	1 540	18	266
Total	974	54 886	933	45 364	271	17 491
Other countries	112	7 918	100	1 564	38	1 464
TOTAL	1 086	62 804	1 033	46 928	309	18 955

Foreign owned IT enterprises by the 10 largest countries of origin 1999.

Foreign owned IT-enterprises' by country of origin 1999.

Owner group/ country of origin	Total 1999		Of which		Of which	
	No. enterprise	No. employees	Service prod. No. enterprise	IT enterprises No. employees	1) Of which Data consultancy ²⁾ No. enterprise	No. employees
USA	196	15 797	184	14 207	50	4 614
UK	66	4 623	64	4 521	21	3 574
Switzerland	56	6 383	45	2 085	8	1 075
Finland	84	5 048	82	4 427	50	2 500
France	28	4 556	26	4 105	2	..
Netherlands	61	4 514	60	4 444	17	948
Germany	82	4 710	79	4 506	3	292
Norway	57	2 128	54	1 938	17	904
Japan	35	1 363	35	1 363	0	0
Denmark	39	1 323	38	1 122	5	137
Total	704	50 445	667	42 718	173	16 887
Other countries	52	5 639	43	725	14	255
TOTAL 2000	756	56 084	710	43 443	187	17 142

1) In service producing ICT enterprises, the following industries are included: 51,43, 51,64, 51,65, 71,33, 64,20, 72,10, 72,20, 72,30, 72,40, 72,50, 72,60.

2) Data consultancy covers the following industries: 72,10, 72,20, 72,30, 72,40, 72,50 and 72,60.

Table 14

Foreign owned ICT establishments in Sweden by county 2000.

County	No. establishments	No. employees	Share IT establishments ¹⁾	Share employed in IT enterprises ²⁾
County				
01 Stockholm	780	28 045	20	22
14 Västra Götaland	327	6 110	15	7
12 Skåne	270	5 339	15	9
19 Västmanland	46	4 113	15	24
05 Östergötland	61	2 644	14	16
17 Värmland	44	835	14	6
06 Jönköping	47	827	14	6
20 Dalarna	34	529	12	4
10 Blekinge	31	3 280	21	25
18 Örebro	51	1 258	15	10
22 Västernorrland	54	771	17	8
04 Södermanland	29	2 279	14	24
07 Kronoberg	41	1 074	19	12
08 Kalmar	23	451	12	6
03 Uppsala	37	593	15	8
13 Halland	28	358	10	5
21 Gävleborg	37	443	15	7
24 Västerbotten	52	715	20	14
25 Norrbotten	38	375	19	13
23 Jämtland	21	1 534	26	56
09 Gotland	6	1 230	17	64
TOTAL	2 057	62 803	17	14

1) Total share of ICT establishments in all foreign owned establishments in the county.

2) Total share of employees in ICT establishments of all employees in foreign owned establishments in the county.

Table 14 (cont)

Foreign owned IT business in Sweden by county 1999.

County	No. establishments	No. employees	Share IT establishments ¹⁾	Share employed in IT enterprises ²⁾
County				
01 Stockholm	576	25 926	18	21
14 Västra Götaland	268	5 495	15	8
12 Skåne	236	5 085	15	9
19 Västmanland	45	4 203	15	25
05 Östergötland	61	1 510	15	11
17 Värmland	38	488	10	3
06 Jönköping	49	1 139	15	9
20 Dalarna	35	554	12	5
10 Blekinge	26	2 907	20	34
18 Örebro	50	1 053	14	9
22 Västernorrland	49	738	16	9
04 Södermanland	27	2 058	14	25
07 Kronoberg	41	853	19	10
08 Kalmar	23	432	14	6
03 Uppsala	27	467	13	6
13 Halland	30	258	13	4
21 Gävleborg	33	382	12	6
24 Västerbotten	46	646	19	14
25 Norrbotten	41	333	22	11
23 Jämtland	19	647	20	33
09 Gotland	5	910	16	57
TOTAL	1 725	56 084	16	14

1) Total share of ICT establishments in all foreign owned establishments in the county.

2) Total share of employees in ICT establishments of all employees in foreign owned establishments in the county.

Facts on survey

This section describes how the study was carried out, sample, definitions and quality.

Background

The Swedish Institute for Growth Policy Studies (ITPS) is a new Government Agency responsible for Official Statistics on *International enterprises statistics as laid down in the Act on Official Statistics (2001:99) and the annex to the Ordinance (2001:100) on Official Statistics*. ITPS took over this responsibility from NUTEK in 2001-01-01. This responsibility covers, amongst other things, making a study of foreign owned enterprises in Sweden. This study has been carried out together with Statistics Sweden (SCB). Results from previous studies have been published in i.a. *Foreign owned enterprises 1999* and in *Swedish industry and industrial policy*. Statistical reports (including earlier reports) can be obtained free of charge from the ITPS web site: www.itps.se

The Swedish business sector is large and becoming increasingly internationalised. Since the end of the 1980s, the term globalisation is used to describe the process of new and more complex inter-relationships between trade and direct investments, and also increasing dependence between enterprise activities in different countries. The aim of the statistics on foreign owned enterprises is to study and analyse the influence of the globalisation process on the Swedish business sector, more specifically foreign investment in Sweden in the form of direct and indirect ownership of enterprises.

Definitions and explanations

For an enterprise to be defined as foreign owned, more than half the voting rights must be foreign owned, which is the definition agreed on in the OECD. This means that all enterprises where up to 50 percent of voting rights are owned by foreign investors are at present included in the Swedish owned enterprise sector. There may be a large difference between ownership of a number of shares and the possibilities of exercising influence over the enterprise's activities in enterprises which have more than one owner. A foreign investor controlling more than 50 percent of the voting rights clearly has a dominant influence over an enterprise's activity. In those cases where investors have a smaller share of voting rights, it is significantly more difficult to determine the extent of their influence and its application in practice.

Before 1996 the whole of SAS was reported under Denmark. Since SAS is a Scandinavian company and the three Nordic governments have an equally large influence over the activity, SAS national domiciles have been redefined. One-third of the number of employees and the number of enterprises have been reported under Norway and a third reported under Denmark. The remaining third is treated as being Swedish and is thus not included in the data on foreign owned enterprises. Adjustments have also been made for year 1990 in this report.

If information about the country of origin is not available or if the country of origin cannot be determined for other reasons, it comes under the category "country not specified".

In most of the tables the enterprise is used as the accounting unit. This does not apply to the regional tables, where the unit used is the establishment. The regional industry totals thus do not correspond with the total figures based on enterprises as reported in the other tables. The study also includes branches of foreign enterprises. These represent approximately 6 percent of all enterprises, but only 2 percent of employees in foreign owned enterprises.

How the statistics are produced

Since 1996 the register of foreign owned enterprises has been based on a total study. Earlier the study was intermittent which means that each year only half of all existing enterprises and new entrants were studied. Since 1997 the questionnaire has been sent out both to the parent of the Swedish group, which is also responsible for all its subsidiaries in Sweden, and to its subsidiaries. Branches have received a simplified questionnaire.

Scope

The study of foreign owned enterprises focuses on all enterprises which according to the register or other information are foreign owned in terms of the stated definition. Participation in the study on foreign owned enterprises is voluntary. Information is available from 1980 and onwards.

The questionnaire contains questions on the country of origin and the ownership share of both directly owned enterprises, and the ultimate parent company of foreign groups. The division of enterprises into countries of origin in this report is based on information on the group's ultimate owner. This publication presents only operating enterprises i.e. enterprises which are both active and running some form of commercial activity.

In addition to the above, there are also questions concerning type of establishment, i.e. questions on how an enterprise became foreign owned.

Information on the number of employees is obtained from Statistics Sweden's Business Register (FDB). The register covers all enterprises, branches and establishments.

Concerning 2000, 1 797 foreign owned enterprises have come into existence, of which 105 enterprises were activated during 2000 and are included in the register as foreign owned operating enterprises. However, during the same period 542 enterprises were not covered in this report. Of these, 279 enterprises were dormant (not operating) and 263 enterprises became Swedish owned. There is thus a net increase of 1255 enterprises.

Of the new foreign owned enterprises, 28 percent responded that they became foreign owned through acquisitions and 26 percent that they had become foreign owned through new establishment. 3 percent responded that they had established in some other way. For the new enterprises, the non-response to this question was 43 percent.

Reliability of the statistics

The results of a statistical study are affected by a number of sources of errors such as non-response, random errors, under and overrepresentation, as well as different types of measuring errors.

In recent years special efforts have been made to improve the coverage of foreign owned enterprises. By means of checking MM Partner's group register and other sources (e.g. newspapers and databases) new information is obtained on foreign owned enterprises. The enterprises covered in the study do not necessarily need to be *new* foreign owned enterprises as they can also be enterprises which have earlier been foreign owned, but not in the register. An increase in the number of foreign owned enterprises for a given year can thus not be said to depend only on acquisitions and new establishments.

Non-response also includes those that did not submit a completed form. In the study of foreign owned enterprises 2000 responded, 78 percent of the parent companies, 82 percent of subsidiaries and 86 percent of branches in the survey. Of the parent companies who responded, non-response to the questions on ownership was 1.5 percent. For those enterprises which did not respond to the questionnaire this year, but responded in previous years, the registered information available from previous years is used as the basis for reporting in this statistical publication. In most cases where information on ownership relations is lacking, these issues have been updated with the help of direct contact with the enterprise or by means of their annual reports.

Random errors occur in statistical samples and thus do not exist in this study on the number of enterprises and the number of employees, since it is a total study.

Underrepresentation means that enterprises which in reality belong to the population being studied are missing, whilst overrepresentation means the opposite. The register of foreign owned enterprises contains both under- and overrepresentation. Underrepresentation means in this case that the enterprise which is foreign owned does not exist in the register. This may involve enterprises which have been acquired during the year and for which we have not received information, or enterprises which since before are foreign owned and do not appear in the register. Underrepresentation is difficult to quantify, since changing ownership conditions are no longer registered by an authority. Information about new enterprises is thus based on a number of different sources of public information.

The large increase in the number of foreign owned enterprises in 2000 can be largely attributed (77 percent of the number of new enterprises gross) to the fact that MM Partner's complete group register has been used as the basis for the study.

This also covers enterprises which lack an enterprise group in Sweden, i.e. enterprises which have neither a parent company or subsidiary in Sweden. The increase in the number of employees can be explained to some extent by changes in the register, 41 percent of the change in the number of employees between 1999 and 2000.

Overrepresentation covers the opposite relationship i.e. the register contains enterprises which are not foreign owned. This refers in the first instance to enterprises which were earlier foreign owned, but have now come under Swedish ownership. Some overlap may occur because of non-response, but this has very little effect on the result.

Publications

This report contains information for the years 1999–2000 and it can be obtained free of charge from ITPS web site, www.itps.se.

Information about foreign owned enterprises is also published by OECD, Eurostat and UNCTAD. OECD 1999, *Measuring Globalisation, The Role of Multinationals in OECD Economies*. The latest report from Eurostat on foreign owned enterprises has been published in *Statistics in focus* under the title *Foreign owned enterprises, Industry, Trade and Services, Theme 4-20/2001*. UNCTAD's annual publication is called the *World Investment Report*.

Definitions

Number of employees = Number of persons employed at the end of the year, i.e. *not* the full time equivalent during the financial year
Country of origin = UBO (Ultimate beneficial owner)

List of Activities

The classification by activities has been made according to the Swedish Standard Classification of Economic Activities (SNI) which is based on the statistical classification of economic activities in the European Union, NACE Rev.1.01-05,40-41 Agriculture, forestry, fishing, electricity, gas and water supply

10-37	Mining, quarrying and manufacturing
10-14	Mining and quarrying
15-16	Manufacture of food, beverage and tobacco
15	Manufacture of food and beverages
15.1-15.6	Processing and preserving of meat, fish, vegetable and animal oils, dairy and grain mill
15.8	Manufacture of other food products
17-19	Textile, wearing apparel and leather industries
17.4	Manufacture of made-up textile articles
17.5	Manufacture of other textiles
20	Manufacture of wood and wood products
21	Manufacture of pulp, paper and paper prod.
22	Manufacture of publishing, printing and reproducing industries
23-25	Manufacture of chemicals and petroleum products, rubber and plastic industries
23.2	Manufacture of refined petroleum products
24	Manufacture of chemicals and chemical products
24.1-24.3	Manufacture of basic chemicals, pesticides, paints, varnishes and similar coatings, printing ink and mastics
24.41-24.42	Manufacture of pharmaceutical products and preparations
25	Manufacture of rubber and plastic products
26	Manufacture of other non-metallic mineral products
27	Basic metal industries
28-35	Manufacture of fabricated products, machinery and equipment
28	Manufacture of fabricated metal products except machinery and equipment
29	Manufacture of machinery and equipment
30-33	Manufacture of electrical and optical equip.
30	Manufacture of office machinery and computers
30.01	Manufacture of office machinery
30.02	Manufacture of computers and other information processing equipment
31	Manufacture of electrical machinery and apparatus n.e.c
31.30	Manufacture of insulated wire and cable

32	Manufacture of radio, television and communication equipment and apparatus
32.10	Manufacture of electronic valves and tubes and other electronic components
32.20	Manufacture of television and radio transm. and app. for line telephony and telegraphy
32.30	Man. of TV and radio receivers, sound or video rec. or reprod. app. and ass. goods
33	Manufacture of medical, precision and optical instruments, watches and clocks
33.30	Manufacture of industrial process control equipment
34	Manufacture of motor vehicles, trailers and semi-trailers
35	Manufacture of other transport equipments
36-37	Other manufacturing industry
36,1	Building and repairing of ships and boats
33,20	Man. of instr. and appliances for measuring, checking, testing, navigating and other purposes, except ind. process control equipment
45	Construction
50-99	Service sector
50	Sales and maintenance of motor vehicles, retail sale of fuel
51	Wholesale trade and commission trade except of motor vehicles
51,43	Wholesale of electrical household appliances and radio and television goods
51,46	Wholesale of pharmaceutical goods
51,47	Wholesale of other household goods
51,51	Wholesale of solid, liquid and gaseous fuels and related products
51,53	Wholesale of wood, construction materials and sanitary equipment
51,64	Wholesale of office machinery and equipment
51,65	Wholesale of other machinery for use in industry, trade and navigation
52	Retail trade
55	Hotels and restaurants
60-62	Land, sea and air transportation
63-64	Travel agencies, forwarding agencies, post and telecommunications
63,1-63,4	Supporting and auxiliary transport activities, activities of travel agencies
64,20	Telecommunications
65-67	Financial intermediation
70	Real estate activities
71-72	Renting activities, computer and related activities
71,33	Renting of office machinery and equipment including computers

72,10	Hardware consultancy
72,20	Software consultancy and supply
72,30	Data processing
72,40	Data base activities
72,50	Maintenance and repair of office, accounting and computing machinery
72,60	Other computer related activities
73-74	Research and development, other business activities
74,11-74,15	Law and business consultancy firms, holding companies
74,2-74,3	Architectural and engineering activities, technical testing and analysis
74,4	Advertising
74,7	Industrial cleaning
74,8	Other business activities n.e.c
75-99	Other service activities

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