

Table 1 Summary of the Activity of Private Building and Construction Firms with 20 or more persons

Code	Description of variable	Unit	NACE 45.1 ¹		NACE 45.2 ¹	
			1999 ²	2000	1999 ²	2000
1	Number of firms (including non-respondents)	NO.	16	16	329	341
	EMPLOYMENT (mid-September)					
	Employees					
2	Manual	"	565	651	13,517	15,486
3	Other	"	144	174	5,832	6,461
4	Total (2+3)	"	709	825	19,349	21,947
5	Proprietors and unpaid family workers	"	6	6	333	357
6	Persons working on a labour-only subcontract basis	"	149	165	8,473	9,087
7	Total persons engaged (4+5+6)	"	864	996	28,155	31,391
	LABOUR COSTS					
	Wages and Salaries					
8	Manual employees	€000	13,380	21,262	392,377	491,261
9	Other employees	"	6,129	7,455	140,262	188,867
10	Labour-only subcontractors	"	3,483	4,568	242,002	275,930
11	Total	"	22,992	33,285	774,641	956,059
12	Other labour costs	"	3,401	5,394	116,847	154,348
13	Total labour costs (11+12)	"	26,393	38,679	891,489	1,110,407
	TURNOVER (excluding VAT)					
14	Work done as a principal contractor	"	89,166	89,303	4,290,605	5,104,081
15	Work done as a subcontractor	"	43,707	77,667	211,004	336,162
16	Sales of goods made and not used	"	0	0	25	1,848
17	Sales of goods resold without processing	"	391	331	7,475	5,337
18	Other receipts	"	197	184	17,986	19,294
19	Total turnover (14+15+16+17+18)	"	133,460	167,486	4,527,095	5,466,721
20	Payments to subcontractors (excluding labour-only)	"	29,014	36,094	1,875,070	2,390,291
21	Total turnover less payments to subcontractors (19-20)	"	104,446	131,392	2,652,025	3,076,430
22	Capital assets constructed by firms for their own use	"	0	0	7,220	18,111
	PURCHASES (excluding VAT)					
23	Purchases of materials and energy	"	35,306	48,094	1,012,654	1,075,794
24	Cost of industrial services	"	2,426	3,482	23,023	28,162
25	Goods for resale without processing	"	467	395	6,901	3,891
26	Cost of non-industrial goods and services	"	47,133	46,868	271,622	322,521
27	Total purchases (23+24+25+26)	"	85,333	98,839	1,314,200	1,430,368
	STOCKS AT END OF YEAR					
28	Work in progress	"	100,918	114,019	641,416	974,518
29	Finished work not yet sold	"	0	0	53,754	86,484
30	Materials and energy	"	709	871	40,348	41,654
31	Goods purchased for resale without processing	"	79	87	1,173	1,420
32	Total value of stocks (28+29+30+31)	"	101,706	114,977	736,691	1,104,077
	STOCK CHANGES					
33	Work in progress	"	53,252	15,156	108,849	287,543
34	Finished work not yet sold	"	0	0	27,723	7,706
35	Materials and energy	"	36	158	4,812	3,411
36	Goods purchased for resale without processing	"	1	12	-175	286
37	Total stock changes (33+34+35+36)	"	53,290	15,326	141,210	298,945
	CAPITAL ASSETS					
38	Acquisitions of capital assets	"	2,300	4,958	221,251	307,447
39	Sales of capital assets	"	1,777	474	22,979	31,261
	DERIVED VARIABLES					
40	Production value (19+22-25+33+34+36)	"	186,246	182,259	4,663,811	5,776,476
41	Intermediate consumption (20+23+24+26-35)	"	113,844	134,380	3,177,557	3,813,357
42	Gross value added (40-41)	"	72,403	47,879	1,486,254	1,963,119
43	Value of work done by own staff (21+22-25+33+34+36)	"	157,232	146,165	2,788,741	3,386,185
44	Persons engaged per firm	No.	54	62	86	92
45	Wages and salaries per employee ((8+9)/4)	€	27,517	34,809	27,528	30,990
46	Production value per person (40/7)	€	215,563	182,991	165,648	184,017
47	Gross value added per person (42/7)	€	83,800	48,071	52,788	62,538
48	Wages & salaries (11) as % of gross value added (42)	%	31.8	69.5	52.1	48.7
49	Gross value added (42) as % of production value (40)	%	38.9	26.3	31.9	34

¹ Definitions of NACE groups are given on page 7² Revised

Engaged (including non-respondents) in 1999 and 2000

NACE 45.3 ¹		NACE 45.4 ¹		NACE 45.5 ¹		Total		Code
1999 ²	2000	1999 ²	2000	1999 ²	2000	1999 ²	2000	
106	113	33	38	13	16	497	524	1
6,134	6,487	752	846	388	472	21,356	23,940	2
2,107	2,187	155	163	46	77	8,285	9,063	3
8,241	8,674	907	1,009	434	549	29,641	33,003	4
51	62	29	36	21	23	440	483	5
1,129	1,574	330	598	0	0	10,081	11,424	6
9,421	10,310	1,266	1,643	455	572	40,162	44,910	7
179,396	208,114	16,581	19,278	8,397	12,504	610,131	752,419	8
40,015	53,765	3,424	3,444	934	1,643	190,764	255,175	9
27,693	41,763	7,875	14,931	0	0	281,053	337,192	10
247,104	303,642	27,880	37,653	9,330	14,147	1,081,947	1,344,787	11
32,742	37,985	3,477	3,966	1,438	2,417	157,905	204,111	12
279,846	341,628	31,357	41,619	10,769	16,565	1,239,852	1,548,897	13
278,848	351,125	34,541	45,114	27,030	33,253	4,720,190	5,622,877	14
539,731	650,602	39,308	43,568	10,431	23,555	844,180	1,131,553	15
5,873	13,357	0	0	0	0	5,898	15,205	16
10,308	9,455	349	331	0	0	18,522	15,454	17
523	527	529	587	84	93	19,319	20,685	18
835,282	1,025,067	74,728	89,601	37,545	56,901	5,608,109	6,805,775	19
98,449	141,079	5,498	8,661	971	1,383	2,009,001	2,577,508	20
736,834	883,988	69,230	80,940	36,574	55,518	3,599,108	4,228,266	21
4,862	593	45	7	2	9	12,129	18,720	22
357,408	433,336	25,154	24,619	7,772	12,324	1,438,294	1,594,167	23
5,346	5,942	244	278	1,190	2,095	32,230	39,959	24
8,814	8,654	61	349	0	0	16,243	13,289	25
43,172	49,503	4,996	6,422	7,685	9,881	374,609	435,193	26
414,741	497,435	30,455	31,668	16,647	24,300	1,861,375	2,082,609	27
88,889	134,672	6,825	6,337	518	857	838,566	1,230,404	28
2,524	3,331	0	0	0	0	56,277	89,815	29
3,516	4,702	253	387	177	191	45,004	47,804	30
2,748	3,005	264	314	0	0	4,264	4,826	31
97,676	145,709	7,343	7,038	695	1,048	944,111	1,372,849	32
15,333	41,311	1,104	1,358	233	-37	178,771	345,329	33
927	-76	0	0	0	0	28,651	7,630	34
171	917	53	93	5	-69	5,077	4,510	35
-45	86	26	26	0	0	-193	410	36
16,387	42,237	1,182	1,476	238	-106	212,306	357,878	37
14,809	14,791	847	1,433	9,579	13,046	248,785	341,676	38
5,990	2,601	158	62	685	909	31,589	35,307	39
847,546	1,058,326	75,841	90,641	37,780	56,872	5,811,224	7,164,574	40
504,204	628,942	35,840	39,886	17,612	25,752	3,849,056	4,642,318	41
343,342	429,383	40,002	50,755	20,167	31,121	1,962,167	2,522,256	42
749,097	917,247	70,344	81,980	36,809	55,489	3,802,223	4,587,066	43
89	91	38	43	35	36	81	86	44
26,624	30,191	22,056	22,520	21,498	25,769	27,020	30,530	45
89,963	102,650	59,906	55,168	83,032	99,427	144,695	159,532	46
36,444	41,647	31,597	30,892	44,323	54,407	48,856	56,162	47
72	70.7	69.7	74.2	46.3	45.5	55.1	53.3	48
40.5	40.6	52.7	56	53.4	54.7	33.8	35.2	49

Table 2 Turnover as a principal contractor by type of building activity

Code	Description of variable	Unit	NACE 45.1		NACE 45.2	
			1999 ¹	2000	1999 ¹	2000
New Construction						
14.1	Dwellings	€000	31,235	45,783	1,080,560	1,293,317
14.2	Other buildings	€000	2,175	2,623	2,213,926	2,662,179
14.3	Other work (engineering, installation, etc.)	€000	55,445	40,581	953,138	1,097,247
14.4	Total	€000	88,854	88,987	4,247,624	5,052,744
Repair and Maintenance						
14.5	Dwellings	€000	233	236	14,122	12,704
14.6	Other buildings	€000	78	81	20,918	32,534
14.7	Other work	€000	0	0	7,940	6,099
14.8	Total	€000	311	317	42,980	51,337
14	Total turnover as a principal contractor	€000	89,166	89,303	4,290,605	5,104,081

Table 3 Purchases of materials, fuels and electricity

Code	Description of variable	Unit	NACE 45.1		NACE 45.2	
			1999 ¹	2000	1999 ¹	2000
Purchases of materials, fuels and electricity						
23.1	Materials	€000	32,871	44,549	979,455	1,035,598
23.2	Fuels	€000	2,137	3,185	27,750	33,621
23.3	Electricity	€000	298	360	5,449	6,575
23	Total	€000	35,306	48,094	1,012,654	1,075,794

Table 4 Total Persons engaged by grade

Code	Description of Variable	Unit	NACE 45.1		NACE 45.2	
			1999 ¹	2000	1999 ¹	2000
Employees						
Manual						
2.1	Skilled operatives	No.	311	254	5,725	6,591
2.2	Apprentices	No.	2	3	908	1,161
2.3	Unskilled and semi-skilled - adults	No.	252	394	6,575	7,476
2.4	Unskilled and semi-skilled - juveniles	No.	0	0	309	258
2	Total	No.	565	651	13,517	15,486
Other						
3.1	Managerial and technical	No.	65	50	2,183	2,499
3.2	Clerical employees-female	No.	26	34	921	1,098
3.3	Clerical employees-male	No.	12	14	575	579
3.4	Foremen and supervisors	No.	41	76	2,153	2,285
3	Total	No.	144	174	5,832	6,461
4	Total employees (2+3)	No.	709	825	19,349	21,947
5	Proprietors and unpaid family workers	No.	6	6	333	357
6	Persons working on a labour-only subcontract basis	No.	149	165	8,473	9,087
7	Total persons engaged (4+5+6)	No.	864	996	28,155	31,391

¹ Revised

NACE 45.3		NACE 45.4		NACE 45.5		Total		Code
1999 ¹	2000	1999 ¹	2000	1999 ¹	2000	1999 ¹	2000	
17,507	24,568	8,624	17,985	0	0	1,137,926	1,381,653	14.1
160,301	197,619	16,573	17,297	0	0	2,392,975	2,879,718	14.2
62,413	80,434	0	0	27,030	33,253	1,098,025	1,251,515	14.3
240,221	302,621	25,196	35,282	27,030	33,253	4,628,926	5,512,887	14.4
4,771	6,482	0	0	0	0	19,127	19,422	14.5
19,952	27,928	9,345	9,832	0	0	50,293	70,376	14.6
13,904	14,094	0	0	0	0	21,845	20,193	14.7
38,628	48,504	9,345	9,832	0	0	91,264	109,991	14.8
278,848	351,125	34,541	45,114	27,030	33,253	4,720,190	5,622,877	14

NACE 45.3		NACE 45.4		NACE 45.5		Total		Code
1999 ¹	2000	1999 ¹	2000	1999 ¹	2000	1999 ¹	2000	
353,788	429,879	24,553	23,765	5,207	8,458	1,395,874	1,542,248	23.1
3,080	2,824	475	699	2,471	3,752	35,913	44,080	23.2
541	634	126	156	94	114	6,507	7,838	23.3
357,408	433,336	25,154	24,619	7,772	12,324	1,438,294	1,594,167	23

NACE 45.3		NACE 45.4		NACE 45.5		Total		Code
1999 ¹	2000	1999 ¹	2000	1999 ¹	2000	1999 ¹	2000	
3,810	3,895	555	587	150	239	10,552	11,566	2.1
1,735	2,000	76	100	3	5	2,724	3,269	2.2
558	560	119	149	234	224	7,737	8,802	2.3
31	32	2	10	1	4	343	303	2.4
6,134	6,487	752	846	388	472	21,356	23,940	2
655	714	49	53	18	29	2,971	3,345	3.1
381	413	39	34	18	21	1,385	1,600	3.2
234	248	13	15	8	14	842	871	3.3
837	812	54	61	2	13	3,087	3,247	3.4
2,107	2,187	155	163	46	77	8,285	9,063	3
8,241	8,674	907	1,009	434	549	29,641	33,003	4
51	62	29	36	21	23	440	483	5
1,129	1,574	330	598	0	0	10,081	11,424	6
9,421	10,310	1,266	1,643	455	572	40,162	44,910	7

Background Notes

Scope and Coverage

The annual census is intended to cover firms in the private (i.e. non-State) sector with 20 or more persons engaged whose main activity is building, construction or civil engineering i.e. firms classified to division 45 of the General Industrial Classification of Economic Activity in the European communities (NACE Rev 1).

The response rate of large firms for 2000 was 80%, covering 90% of employment. The estimates for all these firms (i.e. including non-respondents) presented in the preceding tables were derived using a grossing process based on stratification of firms by NACE Rev 1 group and employment level.

In interpreting the year-on-year changes, it is important to take into account that for any particular year the firms covered are those with 20 or more persons engaged in that year.

Definition of Variables

Employees Employees are persons who are paid a fixed wage or salary. Persons at work or temporarily absent because of illness, holidays, strike etc. are included. Persons working on a labour-only subcontract basis are excluded.

Proprietors and family members Included here are those proprietors, partners etc. and members of their families who work regularly in the firm and are not paid a definite wage or salary.

Wages and salaries This is the gross amount paid to employees before deduction of income tax, employees' social security contributions etc. plus payments to labour-only subcontractors. Overtime pay, bonuses, holiday pay and sick pay are included.

Acquisitions and sales of capital assets Capital assets are defined as new and second-hand goods with an expected life of more than one year intended for use by the firm itself. Acquisitions include both purchases and construction by the firm itself of capital goods for its own use.

Production value Production value represents the net selling value of work done during the year, whether sold or not. It is valued exclusive of VAT. It incorporates an element of double counting arising from the fact that work done on a subcontract basis by firms in a particular sector for other firms in the same sector is included in the turnover figures provided by both firms. However, in the calculation of Gross Value Added and variable 43 (value of work done by own staff) this double counting is eliminated.

Intermediate consumption This represents the value of building materials, fuel, industrial services and other goods and services used in production. The definition of this variable has been changed from that given in the 1981 results (Statistical Bulletin, March 1985) to include payments to subcontractors as part of the cost of industrial services, thereby eliminating double counting from the gross value added figures.

Gross value added This is the difference between production value and intermediate consumption and represents the value added by the firm. Because work done by subcontractors is treated as part of intermediate consumption, there is no double counting in this variable.

Value of Work done by own staff This is production value less payments to subcontractors (other than those working on a labour-only basis). This variable is used to adjust variable 40 (production value) to eliminate the double counting resulting from the inclusion of work done by subcontractors.

Activity Classification		
	Nace 45.1	Site preparation, demolition and wrecking of buildings, earth moving, test drilling and boring.
	Nace 45.2	Building of complete constructions or parts thereof; civil engineering, construction of highways, roads, water projects and other construction work involving special trades.
	Nace 45.3	Building installation, installation of electrical wiring and fittings, insulation, plumbing and other installation.
	Nace 45.4	Building completion, plastering, joinery installation, floor & wall covering, painting and glazing and other building completion.
	Nace 45.5	Renting of construction or demolition equipment with operator.