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Table A1

Composition of the samples and reference populations

(number)

	Firms with up to 50 employees		Firms with 50+ employees		Total firms	
	sample size 2015	population size (1)	sample size 2015	sample size 2015	population size (1)	sample size 2015
Industry excluding construction (firms with 20+ employees)						
Geographical area⁽²⁾						
North West	195	7,199	560	4,289	755	11,488
North East	163	6,580	469	3,467	632	10,047
Centre	246	3,565	505	1,555	751	5,120
South and Islands	549	2,999	461	1,226	1,010	4,225
Number of employees						
20 - 49	1,153	20,343	—	—	1,153	20,343
50 - 199	—	—	1,247	8,658	1,247	8,658
200 - 499	—	—	463	1,348	463	1,348
500 and over	—	—	285	531	285	531
Branch of activity						
Total manufacturing	1,090	19,394	1,871	9,721	2,961	29,115
Textiles, cloth., leather, footwear	128	2,947	190	1,119	318	4,066
Chemicals, rubber, plastics	120	1,747	253	1,323	373	3,070
Basic metals and engineering	402	9,027	867	4,808	1,269	13,835
Other manufacturing	440	5,673	561	2,471	1,001	8,144
Energy and extraction	63	949	124	816	187	1,765
Total industry excl. construction....	1,153	20,343	1,995	10,537	3,148	30,880
Services (firms with 20+ employees) ⁽³⁾						
Geographical area⁽²⁾						
North West	94	7,021	200	3,819	294	10,840
North East	66	5,420	210	2,215	276	7,635
Centre	86	4,654	194	2,264	280	6,918
South and Islands	165	4,846	232	1,802	397	6,648
Number of employees						
20 - 49	411	21,941	—	—	411	21,941
50 - 199	—	—	451	8,020	451	8,020
200 - 499	—	—	191	1,361	191	1,361
500 and over	—	—	194	719	194	719
Branch of activity						
Trade, hotels, restaurants	257	11,780	383	3,830	640	15,610
Transport, storage, communication..	104	5,167	283	3,040	387	8,207
Other h.hold and business services ..	50	4,994	170	3,230	220	8,224
Total services.....	411	21,941	836	10,100	1,247	32,041
Total industry excl. construction and services	1,564	42,284	2,831	20,637	4,395	62,921
Construction (firms with 10+ employees)						
Geographical area⁽²⁾						
North West	56	6,352	50	384	106	6,736
North East	66	4,983	50	318	116	5,301
Centre	88	4,132	42	226	130	4,358
South and Islands	150	4,576	58	283	208	4,859
Number of employees						
10 - 49	360	20,043	—	—	360	20,043
50 - 199	—	—	160	1,094	160	1,094
200 - 499	—	—	27	91	27	91
500 and over	—	—	13	26	13	26
Total construction	360	20,043	200	1,211	560	21,254
Total	1,924	62,327	3,031	21,848	4,955	84,175

(1) Population data are from Istat and refer to 2013. - (2) The geographical area is defined by the location of the registered head office (North West = Piedmont, Valle d'Aosta, Lombardy and Liguria; North East = Veneto, Trentino-Alto Adige, Friuli Venezia Giulia and Emilia Romagna; Centre = Tuscany, Umbria, Le Marche and Lazio; South and Islands = Abruzzo, Molise, Campania, Puglia, Basilicata, Calabria, Sicily and Sardinia). - (3) Does not include firms in credit and insurance, public services and other social and personal services.

Table B1

Change in average workforce, 2012-2016

(per cent) ⁽¹⁾

	2012	2013	2014	2015	2016 ⁽²⁾
Industrial firms					
Geographical area⁽³⁾					
North West	-0.9	-0.6	-0.4	-0.5	0.5
North East	-1.3	-0.8	-0.9	-0.3	0.7
Centre	-1.1	-1.5	-0.5	-1.0	0.2
South and Islands	-1.9	-1.7	-1.7	0.2	-0.7
Area of employment					
North West	-0.9	-0.4	-0.4	-0.6	0.5
North East	-1.5	-0.6	-0.9	-0.4	0.7
Centre	-0.4	-1.6	1.1	-0.7	0.4
South and Islands	-2.0	-2.2	-3.2	0.4	-0.8
Number of employees					
20 - 49	-2.4	-1.4	-1.4	-0.2	0.5
50 - 199	-0.7	-0.7	-0.3	-0.3	0.0
200 - 499	-0.7	0.0	-1.0	-0.6	0.6
500 and over	-0.8	-1.2	-0.3	-0.7	0.5
Branch of activity					
Total manufacturing	-1.2	-0.9	-0.7	-0.5	0.4
Textiles, cloth., leather, footwear	-3.2	-1.5	-1.1	-1.4	-1.2
Chemicals, rubber, plastics	-1.4	0.3	-0.2	0.1	1.3
Basic metals and engineering	-0.5	-0.8	-0.3	0.1	0.7
Other manufacturing	-1.7	-1.7	-1.7	-1.4	0.2
Energy and extraction	-0.7	-0.5	-0.6	-0.5	-0.2
Share of exports					
Less than one-third	-1.4	-1.3	-1.2	-0.6	0.1
From one- to two-thirds	-1.7	-0.7	-0.3	0.0	1.0
Over two-thirds	-0.2	-0.5	-0.2	-0.7	0.3
Total industrial firms	-1.2	-0.9	-0.7	-0.5	0.4
Service firms					
Geographical area⁽³⁾					
North West	-0.5	-2.3	-2.4	0.1	0.0
North East	0.7	0.0	-0.1	1.7	1.4
Centre	-0.5	-0.6	-0.5	-0.2	0.4
South and Islands	-2.0	-0.9	-1.6	-0.6	0.2
Area of employment					
North West	-0.1	-1.2	-1.5	0.0	0.1
North East	-0.5	-1.0	-0.8	1.4	0.9
Centre	-0.9	-0.5	0.0	0.4	1.0
South and Islands	-0.6	-1.8	-2.9	-0.9	-0.3
Number of employees					
20 - 49	-2.1	-1.5	-2.4	-0.5	0.7
50 - 199	-0.9	-1.1	-1.5	-0.3	-0.8
200 - 499	0.6	-1.3	-1.7	1.0	1.6
500 and over	0.4	-0.9	-0.4	0.8	0.7
Branch of activity					
Trade, hotels, restaurants	-0.3	-1.7	-2.1	0.3	0.4
Transport, storage, communication	-2.1	-1.4	-1.6	-0.9	-0.3
Other h.hold and business services	1.5	0.1	0.3	1.7	1.4
Total service firms	-0.4	-1.1	-1.3	0.3	0.5
Total	-0.8	-1.0	-1.0	-0.1	0.4

(1) Estimates of changes are based on data of a single survey. – (2) Forecast. – (3) Location of the firm's head office.

Table B2

Fixed-term work, temporary work and foreign workers, 2015

(per cent)

	Fixed-term workers	Foreign workers	Hours of temporary work ⁽¹⁾
	% of end-year workforce	% of average workforce	% of hours worked
Industrial firms			
Geographical area⁽²⁾			
North West	4.0	4.7	4.1
North East	6.1	7.0	4.1
Centre	5.3	4.1	3.2
South and Islands	6.2	1.2	3.4
Number of employees			
20 - 49	6.8	6.2	—
50 - 199	5.5	5.4	3.7
200 - 499	4.6	4.5	4.7
500 and over	3.1	3.3	3.6
Branch of activity			
Total manufacturing	5.2	5.3	4.2
Textiles, cloth., leather, footwear ..	5.4	4.9	2.7
Chemicals, rubber, plastics	3.7	5.0	5.8
Basic metals and engineering	4.7	4.8	3.9
Other manufacturing	6.8	6.7	4.1
Energy and extraction	3.7	0.9	1.7
Share of exports			
Less than one-third	6.1	4.5	3.1
From one- to two-thirds	3.9	5.6	4.0
Over two-thirds	4.4	4.8	4.6
Total industrial firms	5.0	4.9	3.9
Service firms			
Geographical area⁽²⁾			
North West	9.1	5.1	1.7
North East	9.6	9.5	1.6
Centre	6.1	5.2	1.1
South and Islands	9.4	1.6	1.4
Number of employees			
20 - 49	9.1	6.3	—
50 - 199	9.3	5.3	2.1
200 - 499	8.3	4.3	1.2
500 and over	7.6	6.2	1.2
Branch of activity			
Trade, hotels, restaurants	10.6	5.4	1.5
Transport, storage, communication...	5.7	4.2	1.5
Other h.hold and business services ...	8.8	7.4	1.4
Total service firms	8.4	5.7	1.5
Total	6.9	5.3	2.5
<i>memorandum item:</i>			
2014	7.1	5.1	2.4
2013	6.5	4.8	2.1
2012	6.9	4.7	2.1
2011	7.6	4.7	2.2

(1) Only firms with 50+ employees. Relation between the hours of temporary work and the hours worked by employees. – (2) Location of the firm's head office.

Labour turnover, hirings and terminations, 2015

(per cent of average workforce)

	Turnover ⁽¹⁾	Hirings			Terminations		
		Fixed-term employees	Payroll employees	Total	Fixed-term employees	Other	Total
Industrial firms							
Geographical area ⁽²⁾							
North West	15.8	3.3	4.8	8.1	3.4	4.2	7.6
North East	22.3	5.7	5.6	11.3	5.8	5.2	11.0
Centre	20.1	4.6	5.6	10.2	5.3	4.6	9.9
South and Islands	31.2	9.2	6.9	16.2	9.3	5.8	15.0
Number of employees							
20 - 49	20.2	4.4	6.2	10.6	4.3	5.2	9.6
50 - 199	21.3	5.0	6.0	10.9	5.5	4.9	10.4
200 - 499	21.0	5.5	5.0	10.5	6.5	4.0	10.5
500 and over	17.3	4.6	4.1	8.8	4.1	4.5	8.6
Branch of activity							
Total manufacturing.....	20.2	5.1	5.4	10.4	5.3	4.5	9.8
Tessili, abbigl., pelli, calzat.....	21.5	4.8	5.6	10.4	6.2	4.8	11.0
Chemicals, rubber, plastics	15.4	2.8	5.7	8.5	3.2	3.6	6.9
Basic metals and engineering ...	16.3	3.2	5.3	8.5	3.3	4.5	7.8
Other manufacturing	30.8	10.4	5.2	15.6	10.6	4.7	15.3
Energy and extraction	16.4	2.1	5.7	7.8	1.6	7.1	8.6
Share of exports							
Less than one-third	22.3	5.7	5.6	11.3	5.4	5.5	10.9
From one- to two-thirds	19.2	4.5	5.5	10.1	4.7	4.4	9.2
Over two-thirds	16.9	3.7	5.0	8.6	4.6	3.7	8.3
Total industrial firms	19.9	4.8	5.4	10.2	5.0	4.7	9.7
Service firms							
Geographical area ⁽²⁾							
North West	36.1	10.9	7.3	18.2	10.5	7.4	17.9
North East	42.3	13.3	8.6	22.0	13.2	7.1	20.3
Centre	33.0	10.7	6.2	16.9	10.6	5.5	16.1
South and Islands	49.6	15.3	10.2	25.5	15.7	8.4	24.1
Number of employees							
20 - 49	42.5	15.0	6.5	21.6	14.7	6.2	20.9
50 - 199	51.3	16.0	10.2	26.1	17.4	7.8	25.2
200 - 499	33.6	10.6	6.9	17.5	10.3	5.9	16.2
500 and over	30.5	8.6	7.1	15.6	7.7	7.1	14.9
Branch of activity							
Commercio, alberghi e ristor.	49.1	17.0	8.0	25.0	16.1	8.0	24.1
Trasporti, magazz. e comunic.	24.1	6.8	4.9	11.7	7.0	5.4	12.4
Altri servizi a imprese, famiglie ...	40.4	11.1	10.4	21.6	11.6	7.3	18.9
Total service firms	38.2	11.9	7.6	19.5	11.8	6.9	18.7
Total	30.0	8.7	6.6	15.3	8.7	5.9	14.6
memorandum item:							
2014	28.2	8.5	5.0	13.5	8.5	6.2	14.7
2013	26.1	7.9	4.7	12.6	8.3	5.1	13.4
2012	30.0	9.5	5.0	14.5	10.4	5.0	15.4
2011	31.1	10.4	5.2	15.6	10.2	5.3	15.6

(1) Sum of flows of hirings and terminations during the year. – (2) Location of the firm's head office.

Total gross earnings, 2011-2015

(€ thousand)

	2011	2012	2013	2014	2015
Industrial firms					
Geographical area⁽¹⁾					
North West	31.5	32.8	33.3	33.3	34.2
North East	31.4	32.1	32.5	33.3	33.7
Centre	31.9	33.0	34.8	34.5	35.3
South and Islands	26.2	26.9	27.7	28.0	28.2
Number of employees					
20 - 49	28.7	29.6	29.3	29.8	30.2
50 - 199	29.8	30.6	31.4	31.3	32.4
200 - 499	32.1	33.1	34.0	34.3	34.5
500 and over	33.7	34.7	35.8	36.3	36.9
Branch of activity					
Total manufacturing	30.3	31.3	31.8	32.1	32.8
Textiles, cloth., leather, footwear	26.4	26.7	26.5	26.5	27.1
Chemicals, rubber, plastics	33.8	34.4	35.1	34.0	36.0
Basic metals and engineering	30.8	31.9	32.3	33.0	33.6
Other manufacturing	29.4	30.3	31.0	31.5	31.6
Energy and extraction	37.1	38.5	40.8	40.6	40.4
Share of exports					
Less than one-third	30.9	31.9	33.0	32.7	33.6
From one- to two-thirds	30.8	31.7	31.8	32.3	32.8
Over two-thirds	31.4	32.6	33.1	33.9	34.3
Total industrial firms	31.0	32.0	32.7	32.9	33.6
Service firms					
Geographical area⁽¹⁾					
North West	29.8	30.2	32.5	31.7	31.6
North East	27.3	27.9	27.3	27.6	27.5
Centre	30.6	31.0	30.9	31.1	32.6
South and Islands	25.5	25.7	25.4	26.0	25.9
Number of employees					
20 - 49	28.8	29.5	28.8	29.7	29.7
50 - 199	29.9	30.2	30.1	30.6	30.8
200 - 499	29.8	30.0	31.2	31.7	32.9
500 and over	28.2	28.7	30.0	29.0	29.5
Branch of activity					
Trade, hotels, restaurants	25.2	26.4	26.5	26.3	27.3
Transport, storage, communication	34.3	34.4	35.3	35.5	36.2
Other h.hold and business services	27.0	26.4	27.2	27.2	26.1
Total service firms	28.9	29.4	29.9	29.9	30.3
Total	29.9	30.6	31.1	31.3	31.8

(1) Location of the firm's head office.

Annual change in turnover, 2012-2016

(per cent; constant 2015 prices) ⁽¹⁾

	2012	2013	2014	2015	2016 ⁽²⁾
Industrial firms					
Geographical area⁽³⁾					
North West	-3.0	0.3	0.9	4.6	2.7
North East	-3.8	0.9	2.2	2.3	2.3
Centre	-0.1	0.5	-1.0	0.5	1.0
South and Islands	-3.8	0.0	0.4	2.2	2.6
Number of employees					
20 - 49	-3.9	1.2	1.1	2.9	1.7
50 - 199	-2.9	0.9	1.0	2.5	2.2
200 - 499	-3.4	-1.0	0.6	2.2	1.9
500 and over	-1.4	0.7	0.1	3.4	2.7
Branch of activity					
Total manufacturing	-3.6	0.4	1.2	3.1	2.4
Textiles, cloth., leather, footwear	-6.7	-3.6	1.3	-1.4	1.7
Chemicals, rubber, plastics	-2.5	-0.7	-1.2	3.6	1.8
Basic metals and engineering	-3.8	2.2	2.9	4.4	3.0
Other manufacturing	-3.3	-0.4	0.3	1.5	2.2
Energy and extraction	1.8	0.6	-0.5	1.8	1.2
Share of exports					
Less than one-third	-2.6	0.3	0.2	3.6	1.8
From one- to two-thirds	-4.1	-0.6	0.4	1.6	2.1
Over two-thirds	-0.7	2.5	2.4	2.6	3.2
Total industrial firms	-2.6	0.5	0.7	2.8	2.2
Service firms					
Geographical area⁽³⁾					
North West	-4.1	-0.9	-0.4	4.9	1.0
North East	-4.3	-0.5	1.3	5.4	1.0
Centre	-2.9	-1.9	-1.3	3.1	1.8
South and Islands	-5.7	-1.1	-0.5	7.7	1.9
Number of employees					
20 - 49	-4.6	-0.8	0.6	5.5	0.9
50 - 199	-3.5	-0.2	-0.4	5.1	1.2
200 - 499	-2.3	-1.1	-0.5	3.8	0.9
500 and over	-5.0	-2.4	-0.8	4.8	2.0
Branch of activity					
Trade, hotels, restaurants	-4.0	-0.5	0.3	6.5	1.1
Transport, storage, communication.....	-2.7	-3.1	-1.1	0.8	1.4
Other h.hold and business services	-5.4	-0.4	-0.9	3.7	1.7
Total service firms	-4.0	-1.1	-0.2	4.9	1.2
Total	-3.3	-0.3	0.3	3.8	1.7

(1) Estimates of changes are based on data of a single survey. Robust means (Winsorized) calculated at constant 2015 prices using deflators recorded in the survey. – (2) Forecast. – (3) Location of the firm's head office.

Turnover per employee, 2012-2016

(€ thousand) ⁽¹⁾

	2012	2013	2014	2015	2016 ⁽²⁾
Industrial firms					
Geographical area⁽³⁾					
North West	334.9	335.0	344.1	354.2	364.1
North East	293.2	299.3	302.8	313.3	319.2
Centre	453.2	491.2	478.1	487.2	492.9
South and Islands	221.4	267.6	269.1	276.8	288.0
Number of employees					
20 - 49	253.3	254.3	272.1	275.8	282.1
50 - 199	271.5	287.7	290.5	302.5	310.3
200 - 499	302.4	367.7	369.6	390.1	397.6
500 and over	479.5	468.5	458.0	468.8	479.1
Branch of activity					
Total manufacturing	314.9	319.0	327.3	337.0	344.8
Textiles, cloth., leather, footwear	237.5	238.3	241.5	236.4	242.7
Chemicals, rubber, plastics	481.2	513.8	506.7	516.2	519.9
Basic metals and engineering	283.6	285.2	297.3	310.7	319.7
Other manufacturing	326.0	322.1	330.7	342.7	349.2
Energy and extraction	467.0	564.3	513.1	536.0	549.2
Share of exports					
Less than one-third	346.9	339.8	341.4	357.7	366.4
From one- to two-thirds	329.1	391.9	398.0	390.4	396.2
Over two-thirds	295.5	299.0	299.3	318.9	328.1
Total industrial firms	329.1	341.2	344.4	354.9	363.0
Service firms					
Geographical area⁽³⁾					
North West	266.9	275.8	276.9	292.4	290.7
North East	282.9	267.0	294.4	321.3	316.1
Centre	231.2	235.4	235.3	233.6	238.3
South and Islands	211.2	211.7	229.2	255.3	259.0
Number of employees					
20 - 49	305.7	300.6	326.6	352.3	351.4
50 - 199	292.2	293.4	301.7	323.7	325.9
200 - 499	307.5	310.9	302.3	326.4	321.0
500 and over	187.4	190.4	196.7	199.4	200.7
Branch of activity					
Trade, hotels, restaurants	341.9	347.0	380.0	430.0	429.7
Transport, storage, communication	209.2	211.6	212.3	210.1	212.5
Other h.hold and business services	173.3	176.2	161.5	152.0	150.5
Total service firms	253.6	255.0	262.8	277.6	277.7
Total	288.0	293.8	299.6	312.3	316.0

(1) Robust means (*Winsorized*). – (2) Forecast. – (3) Location of the firm's head office.

Table C3

Share of export sales turnover for industrial firms, 2012-2016

(per cent)

	2012	2013	2014	2015	2016 ⁽¹⁾
Geographical area⁽²⁾					
North West	38.6	36.3	35.9	39.4	39.6
North East	41.5	43.3	43.3	43.8	44.3
Centre	21.4	19.8	22.1	24.1	24.2
South and Islands	25.3	30.5	34.0	28.3	28.8
Number of employees					
20 - 49	31.1	30.3	24.9	34.2	34.0
50 - 199	35.9	35.2	37.6	34.6	34.9
200 - 499	39.8	24.2	26.4	29.1	29.7
500 and over	34.0	40.0	44.6	42.1	42.7
Branch of activity					
Total manufacturing	42.6	44.0	45.7	45.2	45.6
Textiles, cloth., leather, footwear	46.7	50.0	50.1	49.4	49.5
Chemicals, rubber, plastics	41.0	40.8	44.0	40.5	40.6
Basic metals and engineering	51.7	52.5	54.2	54.0	54.5
Other manufacturing	27.6	29.7	29.6	31.0	31.3
Energy and extraction	1.4	0.6	0.3	0.6	0.7
Total industrial firms	34.7	33.3	34.0	35.7	36.1

(1) Forecast. – (2) Location of the firm's head office.

Table C4

Distribution of exports by outlet market for industrial firms, 2015

(per cent)

	Euro area (excluding Italy)	Rest of Europe	Russia	Usa and Canada	China	Rest of the world	Euro area (excluding Italy)	Total
Geographical area⁽¹⁾								
North West	45.1	12.3	1.7	17.3	4.0	2.3	17.3	100.0
North East	43.9	16.0	3.7	9.5	5.1	1.7	20.0	100.0
Centre	54.6	6.8	2.1	6.0	2.4	0.6	27.4	100.0
South and Islands	58.9	15.3	1.2	7.7	1.2	0.4	15.4	100.0
Number of employees								
20 - 49	49.3	6.7	2.8	17.0	3.9	2.6	17.6	100.0
50 - 199	50.6	13.6	2.5	9.8	4.5	1.1	17.9	100.0
200 - 499	50.2	14.1	2.0	7.6	4.1	0.8	21.3	100.0
500 and over	41.9	16.4	2.0	11.9	3.0	1.6	23.2	100.0
Branch of activity								
Total manufacturing	47.5	12.5	2.3	12.3	3.8	1.7	20.0	100.0
Textiles, cloth., leather, footwear	44.0	15.5	5.2	13.7	5.2	0.2	16.3	100.0
Chemicals, rubber, plastics	43.0	11.5	1.2	24.9	1.8	3.6	14.0	100.0
Basic metals and engineering	47.7	12.5	2.3	8.6	4.6	1.6	22.6	100.0
Other manufacturing	52.5	12.0	2.4	12.9	2.2	0.6	17.4	100.0
Energy and extraction	36.8	18.5	1.6	8.3	15.7	3.9	15.1	100.0
Share of exports								
Less than one-third	55.1	17.2	1.9	5.6	6.1	0.8	13.4	100.0
From one- to two-thirds	55.2	8.8	1.2	12.4	1.8	2.0	18.7	100.0
Over two-thirds	39.8	15.0	3.3	13.2	5.3	1.5	22.0	100.0
Total industrial firms	47.5	12.5	2.3	12.3	3.8	1.7	19.9	100.0

(1) Location of the firm's head office.

Table C5

Operating result, 2015

(per cent)

	Loss	Balance	Profit	Total
Industrial firms				
Geographical area⁽¹⁾				
North West	14.5	11.8	73.7	100.0
North East	15.5	13.1	71.4	100.0
Centre	15.6	16.3	68.1	100.0
South and Islands	18.0	16.2	65.7	100.0
Number of employees				
20 - 49	15.9	14.9	69.2	100.0
50 - 199	14.1	11.5	74.4	100.0
200 - 499	19.0	11.1	70.0	100.0
500 and over	14.5	6.0	79.5	100.0
Branch of activity				
Total manufacturing	15.6	13.1	71.2	100.0
Tessili, abbigl., pelli, calzature	19.1	15.1	65.8	100.0
Chemicals, rubber, plastics	12.1	9.2	78.6	100.0
Basic metals and engineering	12.7	12.1	75.2	100.0
Other manufacturing	20.3	15.4	64.3	100.0
Energy and extraction	12.8	22.4	64.8	100.0
Share of exports				
Less than one-third	16.7	15.0	68.3	100.0
From one- to two-thirds	13.1	13.2	73.7	100.0
Over two-thirds	14.5	10.5	75.0	100.0
Total industrial firms	15.5	13.6	70.9	100.0
Service firms				
Geographical area⁽¹⁾				
North West	15.9	14.8	69.3	100.0
North East	17.2	9.6	73.2	100.0
Centre	22.7	21.0	56.3	100.0
South and Islands	16.4	17.0	66.6	100.0
Number of employees				
20 - 49	17.0	16.1	67.0	100.0
50 - 199	20.9	14.5	64.6	100.0
200 - 499	15.5	14.8	69.7	100.0
500 and over	14.6	11.4	74.0	100.0
Branch of activity				
Trade, hotels, restaurants	18.0	15.4	66.6	100.0
Transport, storage, communication	18.3	12.7	69.0	100.0
Other h.hold and business services	16.8	18.7	64.5	100.0
Total service firms	17.8	15.5	66.7	100.0
Total	16.6	14.6	68.8	100.0
<i>memorandum item:</i>				
2014	21.6	16.7	61.7	100.0
2013	24.4	19.3	56.3	100.0
2012	29.9	14.7	55.4	100.0
2011	24.6	17.8	57.5	100.0

(1) Location of the firm's head office.

Annual change in investment, 2012-2016

(per cent; constant 2015 prices) ⁽¹⁾

	2012	2013	2014	2015	2016 ⁽²⁾
Industrial firms					
Geographical area⁽³⁾					
North West	-8.0	6.3	-0.7	1.2	6.4
North East	-14.1	-7.6	3.0	7.2	-0.4
Centre	-9.0	-9.4	1.0	1.3	0.9
South and Islands	-12.3	-8.2	1.0	10.8	-4.0
Area of investment					
North West	-9.1	-3.1	0.0	-0.1	4.8
North East	-10.3	-5.9	4.1	3.8	-0.1
Centre	-15.3	-8.7	14.6	15.2	4.6
South and Islands	-6.8	11.3	-12.6	-0.8	-1.0
Number of employees					
20 - 49	-14.5	-11.0	7.4	1.8	-2.9
50 - 199	-11.1	-10.5	9.5	5.7	-3.4
200 - 499	-9.8	-9.4	1.3	8.4	1.1
500 and over	-7.3	9.2	-5.4	1.0	8.6
Branch of activity					
Total manufacturing	-11.1	-1.0	1.1	2.9	1.8
Textiles, cloth., leather, footwear	-18.7	1.6	11.1	6.5	-2.6
Chemicals, rubber, plastics	-8.3	-8.6	2.1	-0.3	-0.5
Basic metals and engineering	-8.7	8.0	-1.1	4.3	4.2
Other manufacturing	-15.0	-8.7	2.2	2.6	0.3
Energy and extraction	-7.9	-4.5	-0.8	4.4	4.8
Share of exports					
Less than one-third	-10.9	-6.0	4.0	-0.2	3.1
From one- to two-thirds	-12.1	7.1	-5.7	9.9	3.8
Over two-thirds	-4.2	-1.9	-0.3	5.1	0.3
Total industrial firms	-10.0	-2.1	0.6	3.3	2.6
Service firms					
Geographical area⁽³⁾					
North West	-6.9	-7.8	-1.0	4.5	0.7
North East	-11.9	-3.6	-0.8	5.1	-2.6
Centre	-4.8	-1.5	-3.9	15.6	5.3
South and Islands	-7.6	-13.3	3.5	2.7	5.1
Area of investment					
North West	-6.8	-7.0	1.6	5.3	-0.7
North East	-8.0	0.0	-7.2	7.3	-1.0
Centre	-8.0	-4.1	-4.3	14.8	2.8
South and Islands	-10.8	-13.3	-0.6	12.3	9.3
Number of employees					
20 - 49	-4.2	-6.2	1.2	3.1	2.8
50 - 199	-9.2	-14.8	-0.3	5.3	-2.6
200 - 499	-10.3	4.7	-3.7	-0.2	-10.4
500 and over	-7.9	-2.5	-2.8	14.7	6.3
Branch of activity					
Trade, hotels, restaurants	-15.4	-12.3	1.2	2.4	-1.1
Transport, storage, communication	-5.0	-1.5	-3.1	13.6	3.9
Other h.hold and business services	-1.0	-7.9	-0.2	1.9	0.6
Total service firms	-7.3	-5.2	-1.7	8.9	2.1
Total	-8.6	-3.6	-0.6	6.4	2.4

(1) Estimates of changes are based on data of a single survey. Robust means (Winsorized) calculated at constant 2015 prices using deflators recorded in the survey. – (2) Forecast. – (3) Location of the firm's head office.

Investment per employee, 2012-2016

(€ thousand at constant 2015 prices) ⁽¹⁾

	2012	2013	2014	2015	2016 ⁽²⁾
Industrial firms					
Geographical area⁽³⁾					
North West	10.8	11.8	11.9	11.8	12.4
North East	8.8	8.1	8.2	9.3	9.1
Centre	19.0	17.0	17.6	18.1	18.0
South and Islands	8.0	7.5	7.7	9.1	8.6
Area of investment					
North West	10.7	10.1	10.6	10.7	11.0
North East	10.1	9.7	9.7	10.5	10.2
Centre	11.2	10.2	12.0	14.1	14.6
South and Islands	14.9	18.0	16.2	15.7	15.5
Number of employees					
20 - 49	6.8	5.8	6.4	7.4	6.9
50 - 199	7.7	6.9	7.9	8.7	8.2
200 - 499	11.0	10.4	10.6	12.0	12.0
500 and over	19.1	20.9	19.8	19.3	20.7
Branch of activity					
Total manufacturing	9.0	9.1	9.3	9.8	9.9
Textiles, cloth., leather, footwear	4.4	4.6	5.2	5.1	5.0
Chemicals, rubber, plastics	16.2	15.2	15.9	15.4	15.3
Basic metals and engineering	7.9	8.8	8.6	9.2	9.5
Other manufacturing	9.5	8.7	9.1	10.1	9.9
Energy and extraction	31.8	29.8	29.8	31.9	32.5
Share of exports					
Less than one-third	13.5	12.1	13.0	13.1	13.3
From one- to two-thirds	8.9	11.7	11.0	11.8	12.0
Over two-thirds	9.1	8.8	8.7	9.7	9.6
Total industrial firms	11.1	11.0	11.2	11.8	11.9
Service firms					
Geographical area⁽³⁾					
North West	8.4	6.7	7.3	8.1	7.9
North East	7.5	6.1	5.8	7.2	6.6
Centre	12.6	12.4	12.0	15.9	16.8
South and Islands	5.5	4.0	4.0	4.1	4.3
Area of investment					
North West	9.7	8.2	8.7	10.0	9.8
North East	9.4	8.3	7.8	9.7	9.4
Centre	8.9	7.9	7.9	10.1	10.3
South and Islands	7.1	6.1	6.4	8.1	9.0
Number of employees					
20 - 49	7.3	4.7	4.6	5.3	5.5
50 - 199	7.9	5.8	5.4	6.7	6.2
200 - 499	6.8	7.0	6.9	7.4	5.8
500 and over	11.2	10.9	11.3	14.0	14.9
Branch of activity					
Trade, hotels, restaurants	6.7	5.1	5.3	5.9	5.9
Transport, storage, communication	15.9	14.9	15.4	18.8	19.4
Other h.hold and business services	3.9	3.4	2.9	3.9	3.6
Total service firms	9.0	7.8	7.9	9.6	9.7
Total	10.0	9.2	9.4	10.6	10.7

(1) Robust means (Winsorized) calculated at constant 2015 prices using deflators recorded in the survey. – (2) Forecast. – (3) Location of the firm's head office.

Table D3

Investment realization rate, 2011-2015

(per cent) ⁽¹⁾ ⁽²⁾

	2011	2012	2013	2014	2015
Industrial firms					
Geographical area⁽³⁾					
North West	94.1	94.1	106,3	100,1	93,3
North East	100.9	102,1	98,3	102,4	103,0
Centre	99.1	99,0	89,1	101,9	100,3
South and Islands	104.4	101,9	94,1	99,8	102,3
Number of employees					
20 - 49	108.1	106,6	103,3	113,0	105,9
50 - 199	107.9	105,6	95,0	106,7	105,0
200 - 499	99.4	97,6	94,8	97,9	105,9
500 and over	89.2	91,1	102,2	95,9	89,1
Branch of activity					
Total manufacturing	99.3	98,2	104,2	102,5	98,2
Textiles, cloth., leather, footwear	107.4	122,5	97,9	117,6	112,2
Chemicals, rubber, plastics	98.9	91,8	91,3	96,9	99,0
Basic metals and engineering	96.4	97,4	117,2	102,3	93,9
Other manufacturing	103.0	103,0	98,6	105,9	103,3
Energy and extraction	94.0	96,3	90,2	97,5	96,6
Share of exports					
Less than one-third	97.6	98,6	94,9	102,2	100,3
From one- to two-thirds	94.6	95,0	111,4	97,9	94,3
Over two-thirds	101.3	96,9	98,4	101,6	96,0
Total industrial firms	97.5	97,5	99,4	101,0	97,7
Service firms					
Geographical area⁽³⁾					
North West	93.5	94,9	93,3	98,0	100,2
North East	105.0	100,1	98,3	104,4	102,4
Centre	84.3	89,7	95,3	93,3	107,9
South and Islands	94.8	117,5	105,1	120,0	105,6
Number of employees					
20 - 49	101.9	106,6	100,9	116,5	106,8
50 - 199	107.7	107,8	102,2	100,6	100,5
200 - 499	88.1	97,3	101,9	95,4	105,1
500 and over	81.9	85,2	88,1	93,4	104,1
Branch of activity					
Trade, hotels, restaurants	105.4	105,0	97,5	108,3	109,1
Transport, storage, communication	87.6	90,5	93,6	93,8	102,6
Other h.hold and business services	98.3	103,5	102,5	110,1	103,5
Total service firms	93.0	95,3	95,4	98,3	104,0
Total	95.0	96,3	97,3	99,6	101,1

(1) Robust means (Winsorized). – (2) Ratio between effective investments and investments planned at the end of the previous year. – (3) Location of the firm's head office.

Table D4

Utilization of productive capacity in industrial firms, 2012-2016

(per cent)

	2012	2013	2014	2015	2016 ⁽¹⁾
Geographical area⁽²⁾					
North West	71.5	73.2	74.0	75.9	78.2
North East	74.7	77.0	78.5	79.8	81.1
Centre	65.2	70.5	73.8	63.4	66.3
South and Islands	75.2	80.2	59.1	77.3	80.4
Number of employees					
20 - 49	—	70.5	73.0	77.1	79.3
50 - 199	72.7	78.4	74.0	80.1	82.0
200 - 499	75.3	76.2	77.1	63.0	64.7
500 and over	68.0	70.9	72.3	72.8	75.8
Branch of activity					
Total manufacturing.....	74.2	73.8	73.6	77.3	79.6
Textiles, cloth., leather, footwear .	76.6	77.6	77.8	78.5	79.5
Chemicals, rubber, plastics	76.9	77.3	70.4	81.5	83.9
Basic metals and engineering	72.4	70.0	73.0	75.3	78.3
Other manufacturing	74.0	75.7	77.1	77.0	78.2
Energy and extraction.....	60.0	74.4	74.5	60.7	62.8
Share of exports					
Less than one-third.....	67.6	72.9	75.1	70.0	72.1
From one- to two-thirds.....	73.7	74.1	69.7	77.0	80.3
Over two-thirds	75.3	76.3	76.7	77.8	79.3
Total industrial firms.....	70.8	73.9	73.8	73.8	76.1

(1) Forecast. – (2) Location of the firm's head office.

Table D5

Change in productive capacity in industrial firms, 2012-2016

(per cent)

	2012	2013	2014	2015	2016 ⁽¹⁾
Geographical area⁽²⁾					
North West	4.2	4.3	3.7	5.2	5.1
North East	6.7	6.2	5.0	5.3	7.4
Centre	2.3	12.5	12.0	3.9	5.3
South and Islands	4.6	4.2	3.4	5.1	7.0
Number of employees					
20 - 49	10.9	12.5	10.8	7.5	7.9
50 - 199	4.9	5.5	4.7	6.1	7.9
200 - 499	3.4	7.4	1.5	2.8	3.7
500 and over	1.1	3.8	5.7	3.2	3.9
Branch of activity					
Total manufacturing.....	4.5	6.3	6.4	5.3	5.8
Textiles, cloth., leather, footwear .	5.2	5.7	4.3	4.7	5.3
Chemicals, rubber, plastics	2.6	3.6	4.2	8.1	5.6
Basic metals and engineering	4.3	8.7	8.6	3.9	5.0
Other manufacturing	6.4	4.9	4.9	5.7	7.8
Energy and extraction.....	4.2	8.5	5.1	3.4	6.0
Share of exports					
Less than one-third.....	4.3	9.2	4.9	4.7	6.8
From one- to two-thirds.....	3.8	4.0	9.3	5.9	5.0
Over two-thirds	5.6	4.7	4.2	4.1	4.9
Total industrial firms.....	4.4	6.8	6.0	4.9	5.8

(1) Forecast. – (2) Location of the firm's head office.

Table E1

Firms involved in mergers, acquisitions, contributions, transfers and splits, 2011-2015

(per cent)

	2011	2012	2013	2014	2015
Industrial firms					
Geographical area⁽¹⁾					
North West	3.9	4.4	3.7	2.9	5.5
North East	3.3	4.8	3.6	4.7	5.9
Centre	2.1	2.4	3.6	3.2	4.1
South and Islands	3.3	3.7	2.9	4.8	4.2
Number of employees					
20 - 49	2.7	2.8	2.6	2.4	4.5
50 - 199	3.3	5.2	4.1	5.5	5.6
200 - 499	8.6	11.2	8.8	9.7	10.4
500 and over	14.8	18.7	13.8	14.6	14.0
Branch of activity					
Total manufacturing	3.1	3.9	3.4	3.5	4.9
Textiles, cloth., leather, footwear	1.2	4.2	2.0	1.4	5.6
Chemicals, rubber, plastics	3.9	8.7	4.1	4.7	3.4
Basic metals and engineering	3.5	3.2	2.8	3.7	4.8
Other manufacturing	3.2	3.1	4.7	3.6	5.3
Energy and extraction	7.1	7.4	6.4	9.3	11.0
Share of exports					
Less than one-third	3.3	4.3	3.5	3.8	5.3
From one- to two-thirds	2.5	3.1	4.0	3.5	5.6
Over two-thirds	4.4	4.6	3.2	4.1	4.8
Total industrial firms	3.3	4.1	3.5	3.8	5.2
Service firms					
Geographical area⁽¹⁾					
North West	4.4	3.4	6.3	7.2	5.5
North East	0.8	5.8	5.5	5.7	8.2
Centre	6.3	7.9	8.6	6.3	3.0
South and Islands	4.6	4.6	3.9	5.2	4.7
Number of employees					
20 - 49	3.1	3.8	5.1	5.2	5.1
50 - 199	4.2	7.4	7.8	7.7	5.2
200 - 499	10.1	8.8	6.9	11.3	5.2
500 and over	18.6	19.3	14.9	13.2	20.3
Branch of activity					
Trade, hotels, restaurants	3.5	4.6	7.3	6.9	6.9
Transport, storage, communication	3.7	4.0	4.2	7.2	4.2
Other h.hold and business services	5.2	7.6	5.8	4.0	4.1
Total service firms	4.0	5.2	6.1	6.2	5.5
Total	3.7	4.7	4.8	5.0	5.4

(1) Location of the firm's head office.

Firms belonging to a group, 2015

(per cent)

	Firms belonging to a group	Nationality of the group				
		Italian	Euro area (1)	Other UE (2)	Rest of the world	Total
	Industrial firms					
Geographical area ⁽³⁾						
North West	37.1	78.0	11.8	1.6	8.6	100.0
North East	39.3	87.6	4.8	0.8	6.8	100.0
Centre	27.0	81.7	7.5	2.4	8.3	100.0
South and Islands	23.1	87.6	5.3	1.2	6.0	100.0
Number of employees						
20 - 49	24.4	86.1	6.7	0.9	6.3	100.0
50 - 199	45.8	82.4	7.9	1.2	8.4	100.0
200 - 499	86.6	79.3	9.8	2.4	8.5	100.0
500 and over	93.9	65.9	17.3	4.4	12.5	100.0
Branch of activity						
Total manufacturing	32.8	82.1	8.4	1.4	8.2	100.0
Textiles, cloth., leather, footwear	24.0	95.1	3.0	0.0	1.9	100.0
Chemicals, rubber, plastics	41.5	66.2	15.6	4.1	14.2	100.0
Basic metals and engineering	35.9	83.6	6.6	1.3	8.6	100.0
Other manufacturing	28.4	82.5	10.4	0.7	6.4	100.0
Energy and extraction	58.7	91.1	4.6	1.5	2.9	100.0
Share of exports						
Less than one-third	30.8	88.9	6.0	1.2	3.9	100.0
From one- to two-thirds	35.9	85.0	6.4	1.9	6.7	100.0
Over two-thirds	41.8	69.5	13.3	1.3	15.9	100.0
Total industrial firms	34.3	83.0	8.0	1.4	7.6	100.0
	Service firms					
Geographical area ⁽³⁾						
North West	40.3	73.4	13.1	5.4	8.0	100.0
North East	34.1	84.4	11.0	3.4	1.2	100.0
Centre	32.7	85.0	6.9	3.8	4.3	100.0
South and Islands	20.8	99.4	0.0	0.0	0.6	100.0
Number of employees						
20 - 49	27.5	82.6	8.6	5.5	3.4	100.0
50 - 199	39.0	82.5	9.8	1.5	6.1	100.0
200 - 499	61.4	82.2	10.4	1.7	5.7	100.0
500 and over	82.2	76.6	14.6	2.0	6.9	100.0
Branch of activity						
Trade, hotels, restaurants	31.5	76.3	13.4	4.6	5.7	100.0
Transport, storage, communication	41.0	86.3	3.6	5.6	4.5	100.0
Other h.hold and business services	28.1	88.7	0.0	0.0	2.3	100.0
Total service firms	33.0	82.2	9.4	3.8	4.6	100.0
Total	33.6	82.6	8.7	2.6	6.1	100.0
memorandum item:						
2014	34.6	80.4	10.9	2.4	6.3	100.0

(1) Countries belonging to the euro area (19) on 31-12-2015. – (2) European Union's Member States that have not adopted the euro. –
 (3) Location of the firm's head office.

Table E3

Firms that would have liked to increase the amount of borrowing, 2011-2015

(per cent)

	Total	Firms willing to accept more stringent loan terms in order to increase the amount of borrowing (a)	Firms that actually applied for new loans from banks or other financial intermediaries (b)	Both (a) and (b)	Firms that obtained no or only part of the amount requested	Firms that did not contact banks or other intermediaries because they were convinced they would reject the application
2011						
Geographical area⁽¹⁾						
Centre Nord	33.2	17.2	29.9	16.0	11.1	1.6
South and Islands ...	37.7	22.1	32.9	19.4	14.1	3.0
Number of employees						
20 - 49	32.6	16.7	29.1	15.4	11.8	2.0
50 and over	37.0	20.9	33.4	19.1	11.5	1.7
Branch of activity						
Industry.....	35.8	19.7	32.3	18.1	11.8	1.9
Services	32.3	16.4	28.6	15.2	11.6	1.8
Total	34.0	18.1	30.5	16.6	11.7	1.9
2012						
Geographical area⁽¹⁾						
Centre Nord	36.8	21.0	33.9	19.4	11.6	1.4
South and Islands ...	40.8	25.1	36.7	22.4	15.4	2.7
Number of employees						
20 - 49	36.4	20.9	32.8	18.9	11.7	2.0
50 and over	40.1	23.7	37.8	22.2	13.7	1.0
Branch of activity						
Industry.....	37.6	20.2	34.1	18.3	12.0	1.9
Services	37.6	23.3	34.6	21.5	12.7	1.4
Total	37.6	21.8	34.4	19.9	12.4	1.7
2013						
Geographical area⁽¹⁾						
Centre Nord	31.9	16.8	29.6	15.4	8.3	0.7
South and Islands ...	34.6	17.9	30.7	15.8	11.8	3.3
Number of employees						
20 - 49	31.3	17.0	28.2	14.9	9.2	1.5
50 and over	34.6	17.1	33.0	16.5	8.6	0.7
Branch of activity						
Industry.....	34.0	18.2	31.0	16.7	10.4	1.2
Services	30.9	15.9	28.7	14.4	7.6	1.4
Total	32.4	17.0	29.8	15.5	9.0	1.2
2014						
Geographical area⁽¹⁾						
Centre Nord	29.8	12.4	28.4	11.8	8.1	0.6
South and Islands ...	35.3	14.9	31.7	13.1	10.1	2.2
Number of employees						
20 - 49	29.5	12.4	27.8	11.8	8.5	0.8
50 and over	33.5	13.7	31.5	12.5	8.4	1.1
Branch of activity						
Industry.....	35.3	14.7	33.3	13.8	9.3	0.9
Services	26.6	11.1	24.9	10.4	7.7	0.9
Total	30.8	12.9	29.0	12.1	8.5	0.9
2015						
Geographical area⁽¹⁾						
Centre Nord	33.9	9.9	32.5	9.3	5.5	0.7
South and Islands ...	38.6	12.5	35.5	10.9	8.9	1.3
Number of employees						
20 - 49	33.2	9.6	31.5	8.7	6.1	0.9
50 and over	38.1	12.1	36.2	11.3	6.4	0.6
Branch of activity						
Industry.....	35.1	11.6	33.6	10.8	6.8	0.7
Servizi.....	34.5	9.4	32.6	8.5	5.6	0.8
Total	34.8	10.4	33.1	9.6	6.2	0.8

(1) Location of the firm's head office.

Trend in the demand for bank loans, 2015

(per cent)

	2015 H2 on 2015 H1				2016 H1 on 2015 H2 (forecast)			
	contraction	invariance	increase	total	contraction	invariance	increase	total
Industrial firms								
Geographical area⁽¹⁾								
North West	14.2	64.4	21.4	100.0	11.7	69.1	19.2	100.0
North East	16.6	67.6	15.9	100.0	15.7	64.7	19.7	100.0
Centre	12.3	68.1	19.6	100.0	12.8	72.1	15.1	100.0
South and Islands	11.2	69.3	19.4	100.0	12.4	70.0	17.6	100.0
Number of employees								
20 - 49	13.6	69.3	17.1	100.0	12.5	70.2	17.3	100.0
50 - 199	14.2	61.6	24.3	100.0	13.8	64.9	21.2	100.0
200 - 499	15.6	64.8	19.6	100.0	15.2	67.6	17.1	100.0
500 and over	28.1	57.5	14.3	100.0	22.6	64.0	13.4	100.0
Branch of activity								
Total manufacturing	14.3	66.4	19.3	100.0	13.4	69.2	17.4	100.0
Textiles, cloth., leather, footwear ..	13.0	75.0	11.9	100.0	10.3	79.0	10.7	100.0
Chemicals, rubber, plastics	17.9	69.7	12.4	100.0	14.3	65.2	20.6	100.0
Basic metals and engineering	14.2	62.5	23.2	100.0	13.0	68.7	18.3	100.0
Other manufacturing	13.8	67.4	18.8	100.0	15.4	66.6	18.0	100.0
Energy and extraction	9.5	73.7	16.8	100.0	8.8	57.9	33.3	100.0
Share of exports								
Less than one-third	13.5	68.7	17.7	100.0	12.1	70.8	17.1	100.0
From one- to two-thirds	14.3	66.4	19.3	100.0	13.2	67.7	19.1	100.0
Over two-thirds	15.2	61.6	23.2	100.0	16.0	62.9	21.1	100.0
Total industrial firms	14.0	66.8	19.2	100.0	13.1	68.6	18.3	100.0
Service firms								
Geographical area⁽¹⁾								
North West	11.7	75.2	13.1	100.0	10.5	75.1	14.4	100.0
North East	21.5	52.7	25.8	100.0	23.6	54.2	22.2	100.0
Centre	6.5	75.9	17.5	100.0	6.4	81.5	12.2	100.0
South and Islands	13.7	66.7	19.6	100.0	9.9	68.5	21.6	100.0
Number of employees								
20 - 49	13.2	70.8	16.0	100.0	12.6	70.3	17.1	100.0
50 - 199	12.6	63.5	23.8	100.0	10.2	72.6	17.2	100.0
200 - 499	7.7	74.2	18.1	100.0	9.2	77.4	13.4	100.0
500 and over	15.2	65.9	18.9	100.0	15.1	63.8	21.1	100.0
Branch of activity								
Trade, hotels, restaurants	17.0	68.1	15.0	100.0	15.2	68.5	16.2	100.0
Transport, storage, communication...	11.3	69.7	19.0	100.0	9.7	70.9	19.4	100.0
Other h.hold and business services ...	5.5	70.5	24.0	100.0	6.9	76.2	16.9	100.0
Total service firms	12.9	69.0	18.1	100.0	11.9	71.0	17.1	100.0
Total	13.4	68.0	18.6	100.0	12.5	69.8	17.7	100.0
<i>memorandum item ⁽²⁾:</i>	H2 on H1 of the year				H1 of following year on H2 of the year ⁽²⁾			
2014	10.8	68.4	20.8	100.0	13.6	66.2	20.3	100.0
2013	11.2	65.8	23.0	100.0	13.9	65.6	20.5	100.0
2012	9.6	64.0	26.4	100.0	13.5	63.9	22.5	100.0
2011	8.8	65.3	25.9	100.0	11.8	63.9	24.3	100.0

(1) Location of the firm's head office. – (2) Source: Business Outlook Survey of Industrial and Service Firms.

Overall borrowing conditions, 2015

(per cent)

	2015 H2 on 2015 H1				2016 H1 on 2015 H2 (forecast)			
	worsening	stability	improv.	total	worsening	stability	improv.	total
Industrial firms								
Geographical area⁽¹⁾								
North West	7.7	65.3	27.0	100.0	6.6	69.9	23.6	100.0
North East	7.8	70.9	21.3	100.0	10.0	65.8	24.2	100.0
Centre	9.0	72.1	18.9	100.0	9.2	71.2	19.6	100.0
South and Islands	9.4	72.2	18.4	100.0	6.5	72.5	20.9	100.0
Number of employees								
20 - 49	8.5	72.0	19.6	100.0	8.8	70.9	20.3	100.0
50 - 199	8.2	64.4	27.4	100.0	6.4	66.3	27.3	100.0
200 - 499	6.3	62.9	30.8	100.0	7.1	67.8	25.1	100.0
500 and over	4.6	59.5	35.9	100.0	5.6	63.6	30.8	100.0
Branch of activity								
Total manufacturing	8.1	69.0	22.8	100.0	7.9	69.5	22.6	100.0
Textiles, cloth., leather, footwear ..	8.4	76.4	15.2	100.0	9.2	77.0	13.8	100.0
Chemicals, rubber, plastics	6.0	65.3	28.7	100.0	8.4	65.3	26.3	100.0
Basic metals and engineering	7.4	70.4	22.1	100.0	6.5	71.2	22.3	100.0
Other manufacturing	9.9	64.6	25.6	100.0	9.4	64.9	25.7	100.0
Energy and extraction	9.6	72.5	17.9	100.0	9.2	66.2	24.6	100.0
Share of exports								
Less than one-third	7.3	71.9	20.8	100.0	7.5	71.0	21.6	100.0
From one- to two-thirds	7.5	66.8	25.7	100.0	6.5	70.6	22.9	100.0
Over two-thirds	11.7	64.4	23.9	100.0	11.0	63.5	25.5	100.0
Total industrial firms	8.2	69.2	22.5	100.0	8.0	69.3	22.7	100.0
Service firms								
Geographical area⁽¹⁾								
North West	2.7	86.2	11.1	100.0	3.0	81.4	15.6	100.0
North East	11.4	72.0	16.6	100.0	11.9	67.7	20.4	100.0
Centre	5.1	69.8	25.0	100.0	0.4	76.1	23.5	100.0
South and Islands	7.4	70.9	21.7	100.0	7.1	69.4	23.5	100.0
Number of employees								
20 - 49	6.2	78.1	15.8	100.0	4.9	76.5	18.6	100.0
50 - 199	6.2	70.4	23.4	100.0	6.6	67.4	26.0	100.0
200 - 499	6.4	70.5	23.1	100.0	3.9	80.3	15.8	100.0
500 and over	8.8	69.5	21.7	100.0	5.7	68.8	25.4	100.0
Branch of activity								
Trade, hotels, restaurants	8.5	73.1	18.4	100.0	6.9	70.3	22.8	100.0
Transport, storage, communication...	5.3	79.2	15.5	100.0	4.7	79.0	16.3	100.0
Other h.hold and business services ...	1.9	78.3	19.8	100.0	2.1	79.3	18.6	100.0
Total service firms	6.2	75.7	18.0	100.0	5.2	74.4	20.3	100.0
Total	7.2	72.7	20.1	100.0	6.5	72.1	21.4	100.0
<i>memorandum item ⁽²⁾:</i>	H2 on H1 of the year				H1 of following year on H2 of the year ⁽²⁾			
2014	11.3	71.3	17.4	100.0	10.4	66.9	22.8	100.0
2013	23.3	67.8	8.9	100.0	20.7	64.4	14.8	100.0
2012	32.1	62.8	5.0	100.0	27.6	63.0	9.4	100.0
2011	39.4	56.8	3.7	100.0	36.4	57.3	6.3	100.0

(1) Location of the firm's head office. – (2) Source: Business Outlook Survey of Industrial and Service Firms.

Table H1

Construction firms: change in employment and output, 2012-2016

(per cent) ⁽¹⁾

	Percent change				
	2012	2013	2014	2015	2016 ⁽²⁾
Average workforce					
Geographical area⁽³⁾					
North West	-1.7	-7.3	-2.3	-1.0	-3.9
North East	-1.7	-5.1	-3.5	-2.5	-5.2
Centre	-1.5	-6.4	-5.0	-2.2	-4.1
South and Islands	-8.3	-11.9	-10.6	-6.6	-2.4
Number of workers					
Up to 49	-5.5	-10.3	-8.1	-5.6	-5.0
50 - 199	-3.4	-4.9	-1.2	1.1	-1.4
200 - 499	0.0	2.0	-2.5	3.2	-2.5
500 and over	6.5	4.2	7.4	10.4	-3.1
Total	-3.0	-7.4	-4.8	-2.9	-4.0
Output (at 2015 constant prices) ⁽⁴⁾					
Geographical area⁽³⁾					
North West	-4.7	-11.0	1.8	3.6	-2.9
North East	-8.8	-9.1	-1.9	-4.1	2.3
Centre	-6.7	-10.4	-5.2	0.3	-2.0
South and Islands	-13.9	-12.1	-3.3	2.0	1.4
Number of workers					
Up to 49	-9.4	-14.3	-3.1	0.3	-0.3
50 - 199	-8.5	-7.2	0.4	1.5	0.1
200 - 499	-3.6	5.6	-8.1	-0.8	0.7
500 and over	-3.9	-3.7	7.5	-3.2	-2.5
Total	-7.9	-10.3	-1.8	0.1	-0.4
Output at current prices ⁽⁵⁾	-6.9	-10.3	-1.7	-0.2	-0.6
Output in public works (at 2015 constant prices) ⁽⁴⁾					
Geographical area⁽³⁾					
North West	-5.7	-9.7	6.4	2.8	-4.3
North East	-6.8	-2.6	-0.6	-10.8	0.7
Centre	-6.9	2.7	-3.3	5.5	-0.2
South and Islands	-9.8	-9.8	-2.2	11.8	2.7
Number of employees					
Up to 49	-8.1	-8.1	-0.6	4.6	0.4
50 - 199	-8.0	-5.7	-0.1	3.7	0.8
200 - 499	-2.2	7.4	-3.6	-4.8	4.4
500 and over	-5.9	6.6	5.8	-9.2	-11.2
Total	-7.0	-4.3	-0.2	1.1	-0.6
Output at current prices ⁽⁵⁾	-6.6	-4.5	-0.6	0.5	-1.3

(1) Until 2012 the survey only included firms with at least 20 workers; firms with 10-19 workers were included starting from the 2013 survey. Estimates of changes are based on data of a single survey. – (2) Forecast. – (3) Location of the firm's head office. – (4) Robust means (Winsorized) calculated at constant 2015 prices using Istat deflators. For 2016 the last available deflator is assumed constant. – (5) Robust means (Winsorized) calculated at current prices.

Table H2

Construction firms: output in public works, 2012-2016

(per cent)

	Share of output in public works				
	2012	2013	2014	2015	2016 ⁽¹⁾
Geographical area⁽²⁾					
North West	41.5	35.2	32.2	39.3	35.2
North East	54.8	44.8	63.2	30.7	28.3
Centre	51.8	50.3	50.0	51.4	53.1
South and Islands	63.4	51.9	51.3	53.1	53.2
Number of employees⁽³⁾					
fin a 49	41.9	38.0	53.5	35.5	33.9
50 - 199	58.7	51.1	49.6	48.5	48.9
200 - 499	69.2	67.3	66.9	57.5	60.6
500 and over	44.9	45.2	44.1	51.3	42.5
Total	51.0	44.4	52.6	41.4	39.6

(1) Forecast. – (2) Location of the firm's head office. – (3) Until 2012 firms with 20-49 workers; starting from the 2013 firms with 10-49 workers.

Table H3

Construction firms: operating result, 2015

(per cent)

	Loss	Balance	Profit	Total
Geographical area⁽¹⁾				
North West	28.0	29.2	42.8	100.0
North East	42.8	26.1	31.1	100.0
Centre	17.8	21.5	60.8	100.0
South and Islands	16.0	17.5	66.6	100.0
Number of employees				
10 - 49	27.3	24.8	47.9	100.0
50 - 199	13.0	12.6	74.4	100.0
200 - 499	11.8	7.6	80.6	100.0
500 and over	16.1	11.9	71.9	100.0
Total	26.5	24.1	49.4	100.0
<i>memorandum item:</i>				
2014	25.0	23.6	51.5	100.0
2013	38.6	17.1	44.3	100.0
2012	33.4	19.6	47.0	100.0
2011	22.3	20.1	57.6	100.0
2010	22.6	18.5	58.9	100.0
2009	23.1	21.0	55.9	100.0
2008	18.7	15.0	66.3	100.0
2007	8.2	15.7	76.1	100.0
2006	8.2	7.9	83.9	100.0

(1) Location of the firm's head office.

Table H4

Construction firms that would have liked to increase the amount of borrowing, 2011-2015

(per cent)

	Total	Firms willing to accept more stringent loan terms in order to increase the amount of borrowing (a)	Firms that actually applied for new loans from banks or other financial intermediaries (b)	Both (a) and (b)	Firms that obtained no or only part of the amount requested	Firms that did not contact banks or other intermediaries because they were convinced they would reject the application
2011						
Geographical area⁽¹⁾						
Centre Nord	56.3	34.5	49.1	30.9	26.4	5.4
South and Islands	48.6	26.9	45.8	24.9	21.8	2.3
Number of workers						
20 - 49	53.9	31.9	47.7	28.7	24.8	5.2
50 and over	56.5	35.8	50.7	32.3	27.3	3.1
Activity in public works						
No	65.0	44.1	52.3	36.5	31.0	8.1
Yes	51.5	29.5	47.2	27.5	23.7	3.9
Total	54.4	32.7	48.3	29.4	25.3	4.6
2012						
Geographical area⁽¹⁾						
Centre Nord	47.4	34.2	43.7	31.5	24.4	2.9
South and Islands	43.5	23.5	38.8	20.2	19.9	2.6
Number of workers						
20 - 49	44.7	30.1	41.0	27.5	23.6	3.0
50 and over	53.8	37.6	48.7	33.7	22.4	2.4
Activity in public works						
No	42.2	31.5	37.5	27.1	26.6	4.7
Yes	47.6	31.6	43.8	29.2	22.5	2.3
Total	46.5	31.6	42.5	28.8	23.3	2.8
2013						
Geographical area⁽¹⁾						
Centre Nord	42.3	34.1	34.4	28.9	20.9	6.3
South and Islands	38.8	22.7	36.0	20.4	13.2	2.4
Number of workers						
20 - 49	41.1	31.7	34.2	27.0	19.0	5.9
50 and over	48.8	32.0	45.0	29.0	21.9	2.0
Activity in public works						
No	50.5	41.5	37.4	29.3	20.3	13.1
Yes	37.8	27.6	33.7	26.1	18.7	3.0
Total	41.5	31.7	34.8	27.1	19.2	5.5
2014						
Geographical area⁽¹⁾						
Centre Nord	35.1	22.6	30.4	19.5	17.8	2.9
South and Islands	43.3	19.8	41.0	18.3	12.9	1.5
Number of workers						
10 - 49	36.3	22.0	32.0	19.1	16.5	2.5
50 and over	48.9	22.6	46.0	22.1	19.7	2.1
Activity in public works						
No	49.2	26.9	45.0	25.2	23.6	3.9
Yes	32.8	20.3	28.7	17.2	14.3	2.0
Total	37.0	22.0	32.8	19.2	16.7	2.5
2015						
Geographical area⁽¹⁾						
Centre Nord	40.0	16.8	34.3	13.5	14.4	1.2
South and Islands	38.4	17.1	37.0	17.1	20.2	1.2
Number of workers						
10 - 49	39.0	16.5	34.3	14.0	15.7	1.2
50 and over	48.7	22.7	44.5	20.7	15.1	1.5
Activity in public works						
No	40.7	26.4	38.0	23.8	24.2	2.7
Yes	39.2	13.5	33.8	11.0	12.7	0.7
Total	39.6	16.8	34.9	14.4	15.7	1.2

(1) Location of the firm's head office.

Construction firms: demand for bank loans, 2015

(per cent)

	2015 H2 on 2015 H1				2016 H1 on 2015 H2 (forecast)			
	contraction	invariance	increase	Total	contraction	invariance	increase	Total
Geographical area⁽¹⁾								
North West	25.1	58.2	16.8	100.0	27.5	59.2	13.3	100.0
North East	16.4	53.8	29.9	100.0	24.1	58.3	17.6	100.0
Centre	26.0	59.8	14.2	100.0	22.8	68.3	8.9	100.0
South and Islands	16.5	59.3	24.2	100.0	12.1	57.9	30.0	100.0
Number of employees								
10 - 49	21.4	57.8	20.8	100.0	22.6	60.5	17.0	100.0
50 - 199	16.4	57.4	26.2	100.0	13.7	61.8	24.5	100.0
200 - 499	3.5	59.6	36.9	100.0	4.4	75.8	19.8	100.0
500 and over	9.6	33.5	56.9	100.0	0.0	65.7	34.3	100.0
Total	21.1	57.7	21.2	100.0	22.0	60.6	17.4	100.0
<i>memorandum item</i> ⁽²⁾ :	H2 on H1 of the year				H1 of following year on H2 of the year ⁽²⁾			
2014	18.6	57.0	24.4	100.0	25.9	50.5	23.6	100.0
2013	24.5	45.4	30.1	100.0	14.9	51.6	33.5	100.0
2012	8.7	58.4	32.9	100.0	14.8	50.0	35.2	100.0
2011	12.5	52.4	35.1	100.0	13.3	50.9	35.8	100.0

(1) Location of the firm's head office. – (2) Source: Business Outlook Survey of Industrial and Service Firms. Until 2012 firms with 20-49 workers; starting from the 2013 firms with 10-49 workers.

Construction firms: overall borrowing conditions, 2015

(per cent)

	2015 H2 on 2015 H1				2016 H1 on 2015 H2 (forecast)			
	worsening	stability	improv.	total	worsening.	stability	improv.	total
Geographical area⁽¹⁾								
North West	23.2	51.3	25.5	100.0	18.4	52.0	29.6	100.0
North East	17.4	67.1	15.5	100.0	22.5	57.7	19.8	100.0
Centre	28.8	45.3	25.9	100.0	18.0	51.1	30.9	100.0
South and Islands	19.4	73.1	7.5	100.0	15.1	68.4	16.5	100.0
Number of employees								
10 - 49	22.4	59.2	18.4	100.0	19.2	56.7	24.1	100.0
50 - 199	15.3	59.6	25.2	100.0	10.3	65.9	23.8	100.0
200 - 499	6.3	61.7	32.1	100.0	2.8	69.8	27.4	100.0
500 and over	0.0	48.1	51.9	100.0	0.0	48.1	51.9	100.0
Total imprese delle costruzioni.....	22.0	59.2	18.8	100.0	18.6	57.2	24.2	100.0
<i>memorandum item:</i>	H2 on H1 of the year				H1 of following year on H2 of the year (2)			
2014	26.0	57.7	16.3	100.0	21.6	64.5	13.9	100.0
2013	39.3	51.4	9.3	100.0	38.1	55.0	6.9	100.0
2012	49.9	45.9	4.2	100.0	46.4	50.1	3.5	100.0
2011	52.7	46.0	1.3	100.0	51.9	46.0	2.2	100.0

(1) Location of the firm's head office. . – (2) Source: Business Outlook Survey of Industrial and Service Firms. Until 2012 firms with 20-49 workers; starting from the 2013 firms with 10-49 workers.

Table I1

Number of firms and workers in the reference population, 2013^(a)

	Industry excluding construction		Construction		Private non-financial services	
	Firms	Workers	Firms	Workers	Firms	Workers
Geographical area^(b)						
North West	11,488	1,048,655	6,736	160,547	10,840	1,333,541
North East	10,047	772,983	5,301	121,536	7,635	668,143
Centre	5,120	427,822	4,358	92,917	6,918	889,425
South and Islands	4,225	277,493	4,859	105,220	6,648	437,784
Number of employees^(c)						
Up to 49 ^(d)	20,343	613,801	20,043	334,439	21,941	646,570
50-199	8,658	781,871	1,094	88,972	8,020	720,563
200-499	1,348	401,954	91	25,891	1,361	413,308
500 and over	531	729,327	26	30,919	719	1,548,452
Total	30,880	2,526,953	21,254	480,221	32,041	3,328,893

(a) Source: Istat, 2013. – (b) Location of the firm's head office. – (c) Average annual workforce. – (d) 20-49 for firms in industry and non-financial private services; 10-49 for construction firms.

Table I2

Firms observed and sampling fraction, 2010-2015

(number, per cent)

	Number of firms						Sampling fraction					
	2010	2011	2012	2013	2014	2015	2010	2011	2012	2013	2014	2015
Industry excluding construction												
Number of employees												
20-49	1,054	1,078	1,128	1,141	1,132	1,153	4.8	4.9	5.3	5.6	5.6	5.7
50 and over	1,755	1,858	1,868	1,910	1,931	1,995	16.1	17.0	17.5	18.1	18.3	18.9
Total	2,809	2,936	2,996	3,051	3,063	3,148	8.5	9.0	9.4	9.9	9.9	10.2
Construction												
Number of employees												
Fino a 49 ^(a)	271	282	264	338	354	360	4.2	4.9	5.0	1.7	1.8	1.8
50 and over	233	220	210	218	212	200	15.4	15.2	16.0	18.0	17.5	16.5
Total	504	502	474	556	566	560	6.3	6.9	7.2	2.6	2.7	2.6
Non-financial private services												
Number of employees												
20-49	396	425	428	387	396	411	1.8	1.9	1.9	1.8	1.8	1.9
50 and over	732	759	789	777	801	836	7.2	7.3	7.8	7.7	7.9	8.3
Total	1,128	1,184	1,217	1,164	1,197	1,247	3.5	3.6	3.7	3.6	3.7	3.9
Total	4,441	4,622	4,687	4,771	4,826	4,955	6.0	6.4	5.3	5.7	5.7	5.9

(a) Until 2012, firms with 20-49 workers. Starting from 2013, the survey was extended to include construction firms with 10-49 workers.

Table I3

Distribution of the firms contacted for the survey, 2015

(number, per cent)

	Industry excluding construction		Construction		Non-financial private services	
	Number of firms	Per cent	Number of firms	Per cent	Number of firms	Per cent
Firms contacted	4,185	100.0	835	100.0	1,709	100.0
Firms not cooperating ^(a)	1,022	24.4	274	32.8	458	26.8
Firms reporting	3,163	75.6	561	67.2	1,251	73.2
Non homogeneous data.....	15	0.4	1	0.1	4	0.2
Eligible data	3,148	75.2	560	67.1	1,247	73.0

(a) Reasons for failure to cooperate include leaving the population covered by the survey-.

Table I4

Standard errors of percentage changes, 2015 on 2014: industry, excluding construction, and services

(per cent)

	Change in average yearly workforce		Change in turnover ^(a)		Change in total investment ^(a)	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Industry excluding construction						
Geographical area						
North West	-0.5	0.2	4.6	0.6	1.2	1.7
North East	-0.3	0.4	2.3	0.5	7.2	2.8
Centre.....	-1.0	0.3	0.5	0.5	1.3	1.7
South and Islands	0.2	0.5	2.2	1.8	10.8	3.1
Number of workers						
20-49.....	-0.2	0.4	2.9	0.6	1.8	3.0
50-199	-0.3	0.3	2.5	0.7	5.7	2.7
200-499	-0.6	0.4	2.2	0.3	8.4	3.3
500 and over	-0.7	0.2	3.4	0.5	1.0	1.3
Total	-0.5	0.2	2.8	0.3	3.3	1.1
Non-financial private services						
Geographical area						
North West	0.1	0.5	4.9	1.2	4.5	2.6
North East	1.7	0.5	5.4	1.7	5.1	3.9
Centre.....	-0.2	0.5	3.1	0.6	15.6	4.5
South and Islands	-0.6	0.9	7.7	1.0	2.7	4.0
Number of workers						
20-49.....	-0.5	0.6	5.5	1.8	3.1	3.7
50-199	-0.3	0.8	5.1	0.6	5.3	4.0
200-499	1.0	0.7	3.8	2.1	-0.2	4.0
500 and over	0.8	0.3	4.8	0.5	14.7	3.2
Total	0.3	0.3	4.9	0.6	8.9	1.7
Total ind. s.s. e servizi	-0.1	0.2	3.8	0.3	6.4	0.9

(a) Robust means (Winsorized) calculated at constant 2015 prices using deflators recorded in the survey.

Standard errors for forecast changes, 2016 on 2015:
Industry, excluding construction, and services
(per cent)

	Change in average workforce		Change in turnover ^(a)		Change in total investment ^(a)	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Industry excluding construction						
Geographical area						
North West	0.5	0.3	2.7	0.9	6.4	4.6
North East	0.7	0.4	2.3	0.4	-0.4	4.7
Centre.....	0.2	0.4	1.0	1.1	0.9	4.7
South and Islands	-0.7	0.6	2.6	0.6	-4.0	4.0
Number of workers						
20-49.....	0.5	0.4	1.7	0.5	-2.9	6.2
50-199	0.0	0.3	2.2	0.4	-3.4	3.3
200-499	0.6	0.5	1.9	0.8	1.1	5.7
500 and over	0.5	0.4	2.7	1.4	8.6	4.9
Total	0.4	0.2	2.2	0.5	2.6	3.1
Non-financial private services						
Geographical area						
North West	0.0	0.8	1.0	0.5	0.7	4.8
North East	1.4	0.6	1.0	0.4	-2.6	4.1
Centre.....	0.4	0.8	1.8	0.5	5.3	4.3
South and Islands	0.2	0.8	1.9	0.8	5.1	7.6
Number of workers						
20-49.....	0.7	0.8	0.9	0.6	2.8	5.6
50-199	-0.8	0.8	1.2	0.4	-2.6	5.1
200-499	1.6	0.8	0.9	0.7	-10.4	5.4
500 and over	0.7	0.7	2.0	0.6	6.3	4.0
Total	0.5	0.4	1.2	0.3	2.1	3.3
Total	0.4	0.3	1.7	0.3	2.4	2.4

(a) Robust means (Winsorized) calculated at constant 2015 prices using deflators recorded in the survey.

Table I6

Standard errors of percentage changes: Construction firms

(per cent)

	Change in average yearly workforce		Change in total output (a)		Change in output of public works (a)	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Changes 2015 on 2014						
Geographical area						
North West.....	-2.6	2.1	1.4	2.8	6.9	5.6
North East.....	-3.7	1.3	-1.9	2.9	-0.4	2.5
Centre	-5.1	1.7	-5.1	2.5	-2.7	2.8
South and Islands	-10.7	2.6	-3.2	2.3	-1.6	2.8
Number of workers						
10-49	-8.2	1.3	-3.0	2.4	-0.3	2.0
50-199	-1.2	1.2	0.2	2.4	0.4	3.1
200-499	-2.4	3.2	-7.9	2.9	-3.1	3.0
500 and over.....	7.3	1.0	7.7	2.2	6.4	4.8
Total.....	-5.0	1.0	-1.8	1.4	0.9	1.2
Changes 2016 on 2015 (forecast)						
Geographical area						
North West.....	-3.9	1.7	-2.9	2.4	-4.3	3.2
North East.....	-5.2	1.9	2.3	2.9	0.7	2.7
Centre	-4.1	1.5	-2.0	2.1	-0.2	2.5
South and Islands	-2.4	2.3	1.4	2.4	2.7	2.4
Number of workers						
10-49	-5.0	1.3	-0.3	1.9	0.4	1.7
50-199	-1.4	1.1	0.1	2.6	0.8	2.7
200-499	-2.5	3.9	0.7	3.7	4.4	3.7
500 and over.....	-3.1	2.1	-2.5	5.8	-11.2	8.4
Total.....	-4.0	0.9	-0.4	1.5	-0.6	1.6

(a) Robust means (Winsorized) calculated at constant 2015 prices using deflators from Istat. The most recent deflator available is used for 2016.