



**Transversal Analysis
on the Evolution of Skills Needs
in 19 Economic Sectors**

Data annexes



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Annex 1: Share of occupations in sectors 2000 and 2007

Source: Eurostat Labour Force Survey (LFS) 2008

Sector	2007	High skilled (skilled non manual)	Low skilled non manual	Skilled manual	Elementary occupations
Finance		57,6	40,2	0,5	1,7
Health and social work		54,0	36,8	2,2	1,8
HoReCa		22,3	62,2	2,8	12,7
Other services		34,1	30,8	9,2	25,9
Post & tele		34,4	41,3	11,9	12,4
Distribution & trade*		33	46	14	6
Printing & publishing		46,9	13,2	27,7	12,2
Computer		53,6	10,6	31,6	4,2
Electricity		45,7	17,7	32,3	4,3
Chemical		44,0	12,7	34,2	9,1
Transport		21,5	21,2	48,2	9,1
Electromechanical engineering		34,9	10,4	49,7	5
Automotive*		30,3	9,1	55,4	5,2
Furniture		21,0	11,7	58,9	8,4
Non-metallic		22,8	9,4	59,1	8,7
Shipbuilding		25,5	7,0	62,6	5
Textile		18,4	11,2	62,9	7,5

Sector	2000	High skilled (skilled non manual)	Low skilled non manual	Skilled manual	Elementary occupations
HoReCa		21,8	63,9	2,5	11,9
Textile		13,7	11,0	69,5	5,9
Furniture		15,2	10,8	65,7	8,3
Transport		19,3	22,6	50,9	7,2
Non-metallic		18,8	11,2	59,7	10,3
Other services		22,2	39,5	9,5	28,8
Distribution & trade		29	49	15	5
Shipbuilding (2001)		23,5	6,8	65,2	4,5
Automotive		24,7	9,7	59,2	6,3
Electromechanical engineering		31,8	11,1	52,1	4,9
Finance		50,4	47,3	0,7	1,6
Electricity		37,9	19,6	37,9	4,6
Chemical		39,0	15,5	36,1	9,4
Printing & publishing		40,3	15,5	36,0	8,2
Computer		44,6	12,6	38,5	4,3
Health and social work		55,7	35,7	2,5	1,8
Post & tele		33,2	50,0	12,1	4,6

Sector	2007	Managers	Professionals
HoReCa		20%	3%
Textile		7%	12%
Furniture		8%	13%
Transport		8%	14%
Non-metallic		7%	16%
Distribution & trade*		16%	17%
Shipbuilding		5%	20%
Automotive*		5%	26%
Electromechanical engineering		8%	27%
Other services		6%	28%
Chemical		11%	33%
Printing & publishing		12%	35%
Electricity		8%	38%
Finance		16%	42%
Computer		10%	44%
Health and social work		3%	51%

Note: The breakdown of employed persons by occupation is based on the classification ISCO 88-COM. High Skilled = 1. Legislators & managers, 2. Professionals and 3. Technicians & associate professionals. Low skilled non manual = 4. Clerks and 5. Service, shop & market sales workers. Skilled manual = 6. Craft & related trade workers, 7. Skilled agricultural, forestry and fishery workers and 8. Plant & machine operators. Elementary occupations = 9. Elementary occupations. For detailed description of the ISCO classifications see:

<http://www.ilo.org/public/english/bureau/stat/isco/isco88/major.htm> .

Annex 2: Development in occupations EU27

Source: Eurostat 2009

High skilled (skilled non manual)	Occupation	2000	2001	2002	2003	2004	2005	2006	2007	2008
European Union (27 countries)	Legislators	9146,1	8844,9	9049,3	9324,3	9465,1	9718,9	9976,4	10260,1	10568,6
European Union (27 countries)	Professionals	21130,4	21091,5	21287,8	22259,0	22893,2	23844,2	24532,4	25021,2	25697,7
European Union (27 countries)	Technicians	25977,6	27216,9	27694,4	28104,2	28839,9	29349,1	30353,6	31111,4	31926,3
European Union (27 countries)	Skilled non manual	56254,1	57153,3	58031,5	59687,5	61198,2	62912,2	64862,4	66392,7	68192,6
European Union (27 countries)	Share	34,50%	34,63%	34,93%	35,62%	36,35%	36,57%	36,87%	36,94%	37,29%
Low skilled non manual	Occupation									
European Union (27 countries)	Clerks	23076,1	22960,7	23001,6	22750,4	22014,1	22235,4	22130,4	22447,7	22813,2
European Union (27 countries)	Service workers	22428,2	22978,9	23638,8	24096,3	24074,2	24917,9	25975,3	26849,1	27416,2
European Union (27 countries)	Low skilled non manual	45504,3	45939,6	46640,4	46846,7	46088,3	47153,3	48105,7	49296,8	50229,4
European Union (27 countries)	Share	27,91%	27,84%	28,07%	27,95%	27,37%	27,41%	27,35%	27,43%	27,47%
Skilled manual	Occupation									
European Union (27 countries)	Craft and related trade	26186,4	25677,0	25363,7	24630,3	24197,2	24381,9	24680,8	24959,8	24991,7
European Union (27 countries)	Plant and machine operators	16821,0	17030,7	16929,9	16729,9	16790,2	16912,0	17095,4	17513,2	17647,1
European Union (27 countries)	Agriculture and fishery	1885,2	1794,0	1802,2	1796,8	1818,1	1883,4	1828,0	1830,5	1813,0
European Union (27 countries)	Skilled manual	44892,6	44501,7	44095,8	43157,0	42805,5	43177,3	43604,2	44303,5	44451,8
European Union (27 countries)	Share	27,53%	26,97%	26,54%	25,75%	25,42%	25,10%	24,79%	24,65%	24,31%
Elementary occupations	Occupation									
European Union (27 countries)	Elementary	16415,6	17429,2	17386,5	17892,5	18285,1	18777,5	19344,5	19749,6	19974,3
European Union (27 countries)	Share	10,07%	10,56%	10,46%	10,68%	10,86%	10,92%	11,00%	10,99%	10,92%

Note: The breakdown of employed persons by occupation is based on the classification ISCO 88-COM. High Skilled = 1. Legislators & managers, 2. Professionals and 3. Technicians & associate professionals. Low skilled non manual = 4. Clerks and 5. Service, shop & market sales workers. Skilled manual = 6. Craft & related trade workers, 7. Skilled agricultural, forestry and fishery workers and 8. Plant & machine operators. Elementary occupations = 9 . Elementary occupations. For detailed description of the ISCO classifications see:

<http://www.ilo.org/public/english/bureau/stat/isco/isco88/major.htm> .

Annex 3: Value added per employee 2006

Source: Eurostat 2009 and sector studies

Sector	Value added per employee 2006
Automotive	59960,62287
Chemical	85938,41952
Computer	74821,49729
Construction	30794,99333
Defence	10187,99396
Distribution & trade	40552,07694
Electricity	158917,01000
Finance	97875,51513
Furniture	36378,53208
Health & social work	56848,19170
HoReCa	18111,11111
Non-metallic	53584,39573
Other services	20076,89022
Post & tele	91207,58847
Printing	65022,36979
Shipbuilding	38851,35135
Textile	22600,00000
Transport	55140,46461
Sector	Total employees 2006
Automotive	2.234.800
Chemical	3.746.869
Computer	2.058.232
Construction	14.093.200
Defence	392.619
Distribution & trade	33.339.846
Electricity	1.699.000
Finance	5.629.600
Furniture	2.006.678
Health & social work	14.389.200
HoReCa	9.000.000
Non-metallic	1.623.607
Other services	14.046.000
Post & tele	3.365.948
Printing	1.907.036
Shipbuilding	296.000
Textile	3.000.000
Transport	9.611.816
Sector	Total added value in billion EUR
Defence	4,0
Shipbuilding	11,5
Textile	67,8
Furniture	73,0
Non-metallic	87,0
Printing	124,0
Automotive	134,0
Computer	154,0
HoReCa	163,0
Electricity	270,0
Other services	282,0
Post & tele	307,0
Chemical	322,0
Construction	434,0
Transport	530,0
Finance	551,0
Health & social work	818,0
Distribution & trade	1352,0

Annex 4: Share of EU employment and value added growth 2006

Source: Eurostat 2009 and sector studies

Sector	Share of EU employment (%) 2006
Shipbuilding	0,1
Defence	0,3
Non-metallic	0,7
Electricity	0,8
Printing	0,9
Furniture	0,9
Computer	0,9
Automotive	1,0
Post & tele	1,5
Chemical	1,7
Electromechanical	1,8
Finance	2,7
Textile	2,7
HoReCa	4,0
Transport	4,4
Other services	6,4
Construction	6,6
Health & social work	6,7
Distribution & trade	15,2

Sector	Average growth in added value 2006
Shipbuilding	7,40
Computer	6,10
Post & tele	5,60
HoReCa	5,40
Construction	5,10
Transport	4,30
Chemical	4,00
Automotive	3,10
Distribution & trade	3,00
Health & social work	2,80
Printing	2,20
Non-metallic	1,60
Other services	1,60
Furniture	1,20
Electricity	1,00
Electromechanical	-0,30
Textile	-4,00
Average EU 27 growth of GDP	2,44

Annex 5: Historical employment trends – industry and services

Source: www.gapminder.org/world 2009

Industrial employment																													
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Austria				38,80	38,10	38,10	37,80	37,70	37,30	37,00	36,80	36,90	35,60	35,10	32,50	32,00	31,00	30,10	30,40	30,60	30,60	29,90	29,60	29,60	27,80	27,60	28,20	27,30	
Belgium	34,30	32,80	31,80	31,00	30,40	29,80	29,20	28,50						27,30	26,90	26,40	25,90	25,30	25,10	26,70	26,30	26,00	25,40	24,80	24,90	24,70	24,70		
Bulgaria	39,60	40,10	40,60	41,20	41,60	41,90	42,10	42,50	42,30	41,90	40,50	37,20	38,50	36,60	34,80	33,50	32,60	32,00	30,60	28,90	28,30		27,80	32,80	33,10	34,20	34,50	35,50	
Cyprus	33,80	33,10	32,50	31,80	31,60	31,00	30,30	29,80	29,60	29,00	28,70	28,90	28,10	26,80	25,80	25,30				23,70	23,30	23,70	23,20	22,90	24,00	24,10	22,60	22,50	
Czech Rep.														43,50	42,60	42,20	42,00	41,60	41,30	40,60	39,90	40,40	39,90	39,70	39,40	39,60	40,10	40,20	
Denmark		29,40		28,30	26,5	27,80				27,00	27,20		27,00	25,90			27,00	26,80	27,00				24,50		23,70				
Finland	34,00	34,40	33,30	32,60	32,10	31,50	31,50	27,90	26,80	30,00	30,40	27,30	27,40	26,60	26,30	27,40		27,50	27,70	26,70	26,40	25,40	27,10	26,30	25,80	24,10	23,60	25,50	
France	35,50	34,70	34,10	33,30	32,40	31,60	30,90	30,40	29,90	29,70	29,60	29,10	28,30	27,30	26,60						27,60				24,40	24,00	25,90	25,80	23,20
Germany												40,90	40,00	38,90	37,70	36,30	35,40	34,80	34,50	34,10		33,10	32,50	31,90	31,50	30,00	23,80	29,80	
Greece		29,00	29,20	28,60	27,80	27,40	28,10	28,00	27,20	27,50	27,70	27,50	27,10	24,20	23,60	23,20	22,90	22,50	23,30	23,00	33,70	23,00	22,80	22,50	22,50	22,40	22,00	22,40	
Hungary	41,10	38,50	37,80	37,20	36,90	36,90	36,70	36,40	36,00	35,40	36,80	36,10	35,10	33,80	33,00	32,60	32,60	33,10	35,00	34,80	22,60	34,70	34,50	33,70	33,20	32,80	32,70	32,60	
Ireland				29,40	28,80	28,40	28,20	27,20	27,10	28,20	28,10	28,50	27,70	27,40	28,40	28,40	27,90	27,00	28,90	28,50	34,20	29,10	27,80	27,80	27,70	27,90	27,50		
Italy	37,20	36,90	36,40	35,50	33,80	33,00	32,50		31,90	31,90	31,90	32,00	31,70	34,40	34,30	34,10	33,50	33,30	33,20	32,90	28,60	32,10	32,10	32,20	31,00	31,10	30,50	30,20	
Latvia																	27,20	25,80	26,50	25,80	32,40	26,30	25,60	27,00	27,30	25,80	27,50	28,40	
Lithuania																			28,50	28,70	27,30	26,30	27,10	27,50	28,10	28,20	29,10	29,70	30,70
Luxembourg	38,10	37,10	36,20	35,40	34,50	33,70	33,10	32,50	31,50	31,10	30,40					27,40	26,70	26,30	25,20	24,00	26,80	22,70	22,00	22,00	21,50	21,20	21,10	21,40	
Malta																						33,00	31,80	29,70	29,50	29,40	29,60	28,10	25,90
Netherlands	31,40		28,70		28,30		26,80		26,00	26,10	25,90	25,20	24,10	23,70	22,80	22,50	22,40	22,20	21,70	21,40	21,30	21,20	20,30	19,60	20,10	19,80			
Poland		38,90		37,80	38,20	38,10	37,50	37,50	37,70	38,00	37,00	36,00	34,60		31,90	32,00	31,70	31,90	32,10	31,30	30,80	30,50	28,60	28,60	28,80	29,20	30,00	30,70	
Portugal	36,40	36,80	37,30	35,40	33,80	33,80	33,70	34,50	34,80	34,90	34,40	33,50	33,20		32,90	32,30	31,40	31,60	35,50	34,80	34,70	34,30	34,00	32,60	31,40	30,80	30,80	30,50	
Romania	43,80	43,80	44,20	44,20	44,20	44,50	44,70	44,80	44,80	45,10	43,50	39,90	37,10	35,80	32,90	31,00	31,50	30,50	29,40	27,60	26,20	26,20	29,50	29,80	31,20	30,30	30,60	31,40	

Slovak Republic																39,60	38,90	39,60	39,30	39,50	38,50	37,30	37,60	38,40	38,30	39,00	38,80	38,80	39,40
Slovenia														44,10	42,20	43,10	42,10	40,60	39,50	37,80	37,40	38,10	38,60	36,90	35,90	37,20	35,00	34,20	
Spain	35,90	35,20	34,00	33,40	32,60	31,70	31,90	32,30	32,90	33,20	33,80	33,40	32,70	31,10	30,40	30,20	29,80	30,10	30,70	31,00	31,20	31,50	31,30	30,80	30,60	29,90	29,70	29,30	
Sweden	32,20	31,30	30,30	29,90	29,80	29,80	29,70	29,90	29,50	29,50	29,20	28,30	26,60	25,60	25,10	25,90	26,10	26,00	25,70	25,10	24,60	23,80	23,10	22,70	22,70	22,00	22,00	21,60	
United Kingdom	37,20	35,40	34,20	33,00	31,90	31,20	30,40	29,80	32,80	32,60	32,30	31,00	30,00	29,40	27,60	27,30	27,30	26,70	26,50	25,80	25,20	24,60	23,90	23,30	22,30	22,20	22,00	22,30	

<i>Service employment</i>																													
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Austria				51	52	53	53	53	54	55	55	55	57	57,5	60	60,5	62	63	63	63	63	64	64,5	65	67	67	66	67	
Belgium	63	64	65	66	66,5	67	68	69						66	67	67	67	68	68	71	71	72	73	73	73	73	73		
Bulgaria	33	33	33	33,5	34	34	34	34,5	35	36	37	39	40	41	42	43	43	43	43	45	45,5	0	46	57	57	57	57	57	
Cyprus	45	46	47	49	49	51	52	53	54	55	56	57	58,5	60	62	63			0	68	67	71	71	71	71	70	72	72	
Czech Rep.														49	50	51	52	52,5	53	54	55	55	55	56	56	56	56	56	
Denmark		62,5		63,5	66	65	66	66	67	66,5	67	66	67	69	68	68	69	69	69	70	70	71	72	73	73	73	73	74	
Finland	52	52,5	53,5	55	56	57	58	59	60	61	60,5	62	63	64	65	64	65	65	65	66	66	67	67	68	69	69	69	69	
France	56	57	58	59	60	61	62	63	64	64	65	65,5	66,5	68	69									70	71	71	71	71	
Germany												55	56	57	59	60	61,5	62	62,5	63	64	64	65	65,5	66	66	66	66	
Greece		40	42	41	43	44	43	45	46	47	48	50	51	54,5	55,5	56	57	58	59	60	60	61	62	62	65	65	66	66	
Hungary	37	35,5	35,5	36	37	38	38,5	39	40	41	45	48	53	57	58	59	59	59	59	57	58	59	59	61	61	62	62	63	
Ireland				53	54	56	56	57	57	56	56	57	58,5	60	59	60	61	60	61,5	62	63	63	65	65	65	65,5	66		
Italy	49	50	51	52	54,5	56	57	58	58	59	59	59,5	60	58	58,5	59	60	60	61	61	62	62,5	63	63	64	65	65	66	
Latvia																	55	52	54	57,5	59	58	59	59	59	62	61	61,5	
Lithuania																			51	52	53	54,5	56	55	54	56	57	58	59
Luxembourg	56,5	58	59	60	61	62	63	64	65	65,5	66					71	71,5	72	72	74	76	76	77	78	78	77,5	78		
Malta																				0	0	65	66	68	67	68	68	70	72

Netherlands	64		66		67		68		69	69	69	70	68,5	70	70,5	70	71	71	72	73	73	73	74	75	72	72		
Poland		31	32	32	33	33	35	35	35	36	36	38	40		44	45	46	48	49	51	50	50	52	53	53	53	54	54,5
Portugal	36	37	37	41	42	42	44	43	44,5	46	48	49	55	55	55	56	56	55	51	52	52,5	53	53,5	55	56	57	57	58
Romania	26	27	27	26,5	26,5	27	27	27	27	27	27	30	30	28	28	29	30,5	30,5	31	31	31	31,5	34	34,5	37	37,5	39	39
Slovak Republic															50	52	51,5	51,5	52	54	56	56	55,5	56	56	56	57	56
Slovenia														45	46	46	47,5	47	48	51	52	51	51	54	53	53	55	55
Spain	45	46	47	48	49	50	52	52,5	53	54	55	56	57	59	60	61	62	62	61,5	62	62	62	63	63	64	65	65,5	66
Sweden	62	63	64	65	65	65	66,5	66	67	67	67	68	70	71	71	71	71	71	72	72	73	74	75	75	75	76	76	76
United Kingdom	59	61	62	63	64	65	66	67	64	64	65	66	67	68	70	70	71	71	71,5	72	73	74	74,5	75	76	76	76	76

Annex 6: Educational level EU27

Source: Eurostat 2009

Highest attained education age group 24-64 in EU27							
Year	Pre-primary, primary and lower secondary education	Share	Upper secondary and post-secondary non-tertiary education	Share	Tertiary education	Share	Total
2000	89345,5	34,6%	112386,6	43,5%	48740,0	18,9%	258272,5
2001	89088,4	34,3%	114639,4	44,1%	49809,4	19,2%	259821,3
2002	87384,7	33,5%	116872,4	44,8%	50897,4	19,5%	261144,2
2003	85126,3	32,5%	117236,5	44,7%	53374,3	20,4%	262046,5
2004	82592,6	31,4%	120618,6	45,8%	56430,3	21,4%	263142,1
2005	80892,9	30,5%	123567,7	46,6%	59326,3	22,4%	265290,1
2006	79580,0	29,8%	124947,9	46,8%	60972,3	22,8%	267029,5
2007	78032,8	29,0%	126046,3	46,9%	62859,9	23,4%	268657,3
2008	76930,3	28,5%	127296,3	47,1%	65503,1	24,2%	270336,5

Note: Educational levels follow the ISCED classification: Primary = ISCED 1 & 2. Secondary = ISCED 3 & 4. Tertiary = ISCED 5 & 6. See http://www.unesco.org/education/information/nfsunesco/doc/isced_1997.htm for detailed definition of ISCED levels.

Annex 7: Female employees and managers 2007

Source: Eurostat LFS 2008 and sector studies

Sector	Share of female employees (%) 2007
Automotive	6
Construction	8
Shipbuilding	11
Electromechanical	17
Defence	20
Transport	21
Electricity	27
Non-metallic	28
Furniture	32
Computer	36
Post & tele	39
Chemical	41
Printing	41
Distribution & trade	49
Finance	51
HoReCa	56
Textile	59
Other services	66
Health & social work	78

Sector	Share of women in managerial positions (%) 2007
Automotive	10
Construction	N/A
Shipbuilding	5
Electromechanical	15
Defence	5
Transport	25
Electricity	19
Non-metallic	13
Furniture	22
Computer	20
Post & tele	34
Chemical	33
Printing	33
Distribution & trade	35
Finance	34
HoReCa	40
Textile	30
Other services	44
Health & social work	64

Annex 8: Employment forecast for 19 sectors

Sources: Eurostat 2009, sector studies and desk research/validating review on reporting of the impact of financial crisis on sectors

Employment forecast for 19 sectors															
Sector	Background variables from sector studies			Historical data from Eurostat 2009 and sector studies							Economic crisis - background data from sector studies and validating reviews			Post Economic crisis - background data from sectors studies	
	Current job growth (annual 1995-2006)	Forecast high/low	Impact of financial crisis	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Automotive sector	-1% (2001-2006)*	Low	H	2171399,00	2.149.900,00	2.160.000,00	2.260.000,00	2.250.000,00	2.234.800,00	2.212.452,00	2.162.452,00	2.102.452,00	2.042.452,00	2.027.452,00	2.017.452,00
Growth factor				100	0,99	1,00	1,05	1,00	0,99	0,99	0,98	0,97	0,97	0,99	1,00
Index				100	99,01	99,48	104,08	103,62	102,92	101,89	99,59	96,82	94,06	93,37	92,91
Building of ships and boats	0,5% (2001-2006)	Low	M (own assessment no reporting)	242.581,00	243.800,00	250.000,00	245.300,00	280.000,00	300.000,00	290.000,00	280.000,00	260.000,00	255.000,00	260.000,00	267.500,00
Growth factor				100	1,01	1,03	0,98	1,14	1,07	0,97	0,97	0,93	0,98	1,02	1,03
Index				100	100,50	103,06	101,12	115,43	123,67	119,55	115,43	107,18	105,12	107,18	110,27
Chemicals, pharmaceuticals, rubber and plastic products	-0.1 % (1995-2006)	Low	L	1.910.443,28	1.891.528,00	1.872.800,00	1.900.000,00	1.864.000,00	1.845.360,00	1.835.360,00	1.815.360,00	1.790.360,00	1.745.360,00	1.760.360,00	1.770.360,00
Growth factor				100	0,99	0,99	1,01	0,98	0,99	0,99	0,99	0,99	0,97	1,01	1,01
Index				100	99,01	98,03	99,45	97,57	96,59	96,07	95,02	93,71	91,36	92,14	92,67
Computer, electronic and optical products	-1.7 % (2000 - 2006)	Low	H	2.097.641,52	2.062.577,70	2.028.100,00	2.537.200,00	2.559.000,00	2.567.100,00	2.557.100,00	2.527.100,00	2.482.100,00	2.437.100,00	2.417.100,00	2.397.100,00
Growth factor				100	0,98	0,98	1,25	1,01	1,00	1,00	0,99	0,98	0,98	0,99	0,99
Index				100	98,33	96,68	120,95	121,99	122,38	121,90	120,47	118,33	116,18	115,23	114,28
Construction	1.0 %* (1996 - 2006)	Low	H	11.781.500,00	12.183.400,00	12.434.200,00	13.176.800,00	13.548.000,00	14.093.200,00	14.113.200,00	14.033.200,00	13.973.200,00	13.898.200,00	13.888.200,00	13.893.200,00
Growth factor				100	1,03	1,02	1,06	1,03	1,04	1,00	0,99	1,00	0,99	1,00	1,00
Index				100	103,41	105,54	111,84	114,99	119,62	119,79	119,11	118,60	117,97	117,88	117,92
Defence industry	-6,7% (1993-2003)	Decrease	L	67.500,00	69.600,00	69.500,00	64.843,50	60.498,99	56.445,55	54.445,55	52.445,55	49.445,55	47.945,55	48.945,55	50.945,55
Growth factor				100	1,03	1,00	0,93	0,93	0,93	0,96	0,96	0,94	0,97	1,02	1,04
Index				100	103,11	102,96	96,06	89,63	83,62	80,66	77,70	73,25	71,03	72,51	75,47
Distribution, trade	2.4 % (2000-2006)	High	M	14.600.200,00	15.487.700,00	16.112.700,00	16.770.600,00	17.124.800,00	17.472.300,00	17.572.300,00	17.522.300,00	17.422.300,00	17.272.300,00	17.372.300,00	17.522.300,00
Growth factor				100	1,06	1,04	1,04	1,02	1,02	1,01	1,00	0,99	0,99	1,01	1,01
Index				100	106,08	110,36	114,87	117,29	119,67	120,36	120,01	119,33	118,30	118,99	120,01
Electricity, gas, water and waste	-0.08* % (2000-2006)	Static	L	1.519.600,00	1.512.200,00	1.400.000,00	1.700.000,00	1.600.000,00	1.598.100,00	1.588.100,00	1.578.100,00	1.568.100,00	1.553.100,00	1.563.100,00	1.573.100,00
Growth factor				100	1,00	0,93	1,21	0,94	1,00	0,99	0,99	0,99	0,99	1,01	1,01
Index				100	99,51	92,13	111,87	105,29	105,17	104,51	103,85	103,19	102,20	102,86	103,52
Electromechanical engineering	-0.3 % (1995-2005)	Static	M	781165,9885	778829,5	776.500,00	795.900,00	821.000,00	832.900,00	842.900,00	832.900,00	822.900,00	807.900,00	810.400,00	811.900,00
Growth factor				100	1,00	1,00	1,02	1,03	1,01	1,01	0,99	0,99	0,98	1,00	1,00
Index				100	99,70	99,40	101,89	105,10	106,62	107,90	106,62	105,34	103,42	103,74	103,93
Financial services	0.5 % (1996-2006)	Low	H	3152815,218	3137129,57	3121521,96	3.105.992,00	2.961.704,00	3.036.895,00	3.083.450,00	3.103.450,00	3.023.450,00	2.943.450,00	2.953.450,00	2.963.450,00
Growth factor				100	1,00	1,00	1,00	0,95	1,03	1,02	1,01	0,97	0,97	1,00	1,00
Index				100	99,50	99,01	98,51	93,94	96,32	97,80	98,43	95,90	93,36	93,68	93,99

Furniture	0.3 % (2000-2006)	Low	M	1.755.000,00	1.775.600,00	1.777.600,00	1.763.800,00	1.800.000,00	1.800.000,00	1.810.000,00	1.790.000,00	1.760.000,00	1.730.000,00	1.735.000,00	1.737.500,00
Growth factor				100	1,01	1,00	0,99	1,02	1,00	1,01	0,99	0,98	0,98	1,00	1,00
Index				100	101,17	101,29	100,50	102,56	102,56	103,13	101,99	100,28	98,58	98,86	99,00
Health and social work	1.9 % (2000-2006)	High	L	18.545.000	18.803.394	19.167.578	19.538.815	19.917.243	20.303.000	20.603.000	20.753.000	20.803.000	20.853.000	21.003.000	21.153.000
Growth factor				100	1,01	1,02	1,02	1,02	1,02	1,01	1,01	1,00	1,00	1,01	1,01
Index				100	101	103	105	107	109	111	112	112	112	113	114
Hotels, restaurants and catering	3,7 % (2000-2006)	High	H	7.516.000,00	7.986.300,00	8.228.400,00	8.679.700,00	8.845.900,00	9.266.300,00	9.366.300,00	9.216.300,00	9.056.300,00	8.856.300,00	8.956.300,00	9.106.300,00
Growth factor				100	1,06	1,03	1,05	1,02	1,05	1,01	0,98	0,98	0,98	1,01	1,02
Index				100	106,26	109,48	115,48	117,69	123,29	124,62	122,62	120,49	117,83	119,16	121,16
Non-metallic materials	-2.0 % (2000-2006)	Decrease	M (own assessment – no reporting)	2.873.500,00	2.873.500,00	2.844.700,00	3.013.300,00	2.955.800,00	2.967.700,00	2.977.700,00	2.967.700,00	2.952.700,00	2.935.200,00	2.940.200,00	2.945.200,00
Growth factor				100	1,00	0,99	1,06	0,98	1,00	1,00	1,00	0,99	0,99	1,00	1,00
Index				100,00	100,00	99,00	104,87	102,86	103,28	103,63	103,28	102,76	102,15	102,32	102,50
Other services, maintenance and cleaning	2.5 % (2000-2006)	Medium	M	14.769.500,00	15.791.600,00	15.704.100,00	16.871.400,00	18.102.700,00	19.412.200,00	19.612.200,00	19.562.200,00	19.487.200,00	19.387.200,00	19.447.200,00	19.512.200,00
Growth factor				100,00	1,07	0,99	1,07	1,07	1,07	1,01	1,00	1,00	0,99	1,00	1,00
Index				100,00	106,92	106,33	114,23	122,57	131,43	132,79	132,45	131,94	131,27	131,67	132,11
Post and telecommunications	1,3 % (2000-2006)	Low	L	3.005.100,00	3.074.500,00	2.989.600,00	3.061.200,00	3.075.200,00	3.037.300,00	3.047.300,00	3.037.300,00	3.047.300,00	3.062.300,00	3.072.300,00	3.077.300,00
Growth factor				100	1,02	0,97	1,02	1,00	0,99	1,00	1,00	1,00	1,00	1,00	1,00
Index				100,00	102,31	99,48	101,87	102,33	101,07	101,40	101,07	101,40	101,90	102,24	102,40
Printing and publishing	-0.5 % (2000-2006)	Decrease	M	1.889.800,00	1.871.600,00	1.830.000,00	1.850.000,00	1.830.000,00	1.820.000,00	1.810.000,00	1.795.000,00	1.775.000,00	1.750.000,00	1.745.000,00	1.743.000,00
Growth factor				100	0,99	0,98	1,01	0,99	0,99	0,99	0,99	0,99	0,99	1,00	1,00
Index				100	99,04	96,84	97,89	96,84	96,31	95,78	94,98	93,93	92,60	92,34	92,23
Textiles, apparel and leather products	-5,0 % (2000-2006)	Decrease	H	1.293.300,00	1.244.000,00	1.170.000,00	1.200.000,00	1.140.000,00	1.060.000,00	980.000,00	880.000,00	780.000,00	680.000,00	650.000,00	615.000,00
Growth factor				100	0,96	0,94	1,03	0,95	0,93	0,92	0,90	0,89	0,87	0,96	0,95
Index				100	96,19	90,47	92,79	88,15	81,96	75,78	68,04	60,31	52,58	50,26	47,55
Transport	2.0 % (2000-2006)	Medium	H	7.584.300,00	8.258.500,00	8.010.400,00	8.667.500,00	8.748.500,00	8.847.400,00	8.947.400,00	8.847.400,00	8.727.400,00	8.627.400,00	8.677.400,00	8.742.400,00
Growth factor				100	1,09	0,97	1,08	1,01	1,01	1,01	0,99	0,99	0,99	1,01	1,01
Index				100	108,8894163	105,6181849	114,282135	115,350131	116,6541408	117,972654	116,6541408	115,071925	113,7534117	114,4126683	115,2697019

Annex 9: Compilation of data from sector studies

Source: Sector studies/assessments based on sector studies

Sector	Employment				Value added			Turnover				Exports				Off shoring		Educational level		Upskilling or deskilling		Gender perspective				Crisis vulnerability
	Share of EU employment	Current job growth (annual 1995-2007)	Forecast high/low	Impact of financial crisis	Total numbers (billion Eur)	Current growth (annual 1995-2007)	Forecast high/low	Total numbers (billion Eur)	Current growth (annual 1995-2007)	Forecast high/low	Impact of financial crisis	Total numbers (billion Eur)	Current growth (annual 1995-2007)	Forecast high/low	Impact of financial crisis	Current offshored functions many/few	Future susceptibility high/low	Current: Percentage of employees with tertiary and secondary educational level	Trend: Increasing/decreasing educational level	Current	Forecast	Current: Female to male	Trend: Female share's growth (period)	Current: Females in managerial positions	Trend: Females in managerial positions increasing/decreasing	High/low
Automotive sector	1% (2006)	-1% (2001-2006)	Decrease	H	134 (2006)	3,1 % (1999-2004)		704 (2004)			H	80			H	Many	High		Increasing	Medium upskilling	Medium upskilling	6%	1% (2000-2007)	10%	decreasing	H
Building of ships and boats	0,1%	0,5% (2001-2006)	Low		11,5	7,4 % (2004-2006)	Medium	40,8	12% (2004-2006)	Low	H	15	5,3% (2000-2007)	Low	H	Many	High	64 %*	Decreasing	Low upskilling	Low upskilling	11%	-2% (2001-2006)	5,3%*	decreasing	H
Chemicals, pharmaceuticals, rubber and plastic products	1.7 % (2006)	-0.1 % (1995-2006)	Low	M	322	4.0 % (1995-2006)		630 (2004)				627	7.9 % (1995-2006)		Medium	Medium	78 % (2006)	Increasing	High upskilling	High upskilling	41 % (2006)	1 % increase (2000-2006)	33 % (2006)	4 % increase (2000-2006)	L	
Computer, electronic and optical products	0.94 % (2006)	-1.7 % (2000-2006)	Low	M	154	6.1 % (1995-2006)	High	405 (2005)			H	478 (2006)	10.5 % (1995-2006)	High	H	Many	High	84 % (2006)	Increasing	High upskilling	High upskilling	36 % (2006)	0 % (2000-2006)	20 % (2006)	2 % decrease (2000-2006)	H
Construction	6.6 %* (2008)	1.0 %* (1996-2006)	Low	H	434*(2004)	5,1 % (1999-2004)		1590 (2008)			H				H	Few	Few	59 %* (2008)	Increasing	Low upskilling	Medium upskilling	8.1 % (2006)				H
Defence industry	0,3%*(2006)	-6,7% (1993-2003)	Decrease	L	4 (2004)	n/a		13 (2004)			M				Many	Medium	60%*	Increasing	Medium Upskilling	Low Deskilling	20%	1 % (2004-2006)*	5%*	Increasing	L	
Distribution, trade	15.2 % (2006)	2.4 % (2000-2006)	Medium	M	1352 (2006)	3.0 % (1995-2006)						38 (2006)	4.4 % (1995-2006)		Medium	Medium	72 % (2006)	Increasing	Low upskilling	Low upskilling	49 % (2006)	1 % (2000-2006)	35 % (2006)	1 % (2000-2006)	M	
Electricity, gas, water and waste	0.77* (2006)	-0.08* % (2000-2006)	Static	L	270	1.0 % (1995-2006)						25	16.1 % (1995-2006)		Few	Low	66 % (2007)	Increasing	Medium upskilling	Medium upskilling	27 % (2006)	4 % (2000-2006)	19% (2207)	5% (2000-2007)	L	
Electromechanical engineering	1.8 % (2005)	-0.3 % (1995-2005)	Static	M		-0.3 % (1995-2005)									Many	High	55 % (2007)	Increasing	Medium upskilling	Medium upskilling	17 % (2006)	-1 % (2000-2006)	15 % (2006)	4 % (2000-2006)	M	
Financial services	2.7 % (2007)	0.5 % (1996-2006)	Low	H	551 (2005)	n/a									Medium	Medium	57 % (2007)	Increasing	High upskilling	High upskilling	65 % (2007)	0 % (2000-2007)	34 % (2007)	6 % (2000-2007)	H	
Furniture	0.9 % (2006)	0.3 % (2000-2006)	Low	M	73 (2006)	1.2 % (1995-2006)		118 (2004)				99 (2006)	4.1 % (1995-2006)		Many	High	69 % (2006)	Increasing	Medium upskilling	Medium upskilling	32 % (2006)	0 % (2000-2006)	22 % (2006)	5 % (2000-2006)	M	
Health and social work	6.7 % (2006)	1.9 % (2000-2006)	High	L	818 (2006)	2.8 % (1995-2006)	High					1.06 (2006)	2.6 % (1995-2006)	Medium	L	Few	Low	84 % (2006)	Increasing	Medium upskilling	Medium upskilling	78 % (2006)	1 % increase (2000-2006)	64 % (2006)	4 % (2000-2006)	L
Hotels, restaurants and catering	4 %	3,7 % (2000-2006)	High	H	163 (2004)	5,4 % (1999-2004)	Low	440	3,9 %	High	-	-	-	-	Few	low	47 %	Increasing	Low upskilling	Medium upskilling	56 % (2007)	-0,5 % (2000-2006)	40 %	Low increase	H	

Non-metallic materials	0.74 % (2006)	-2.0 % (2000-2006)	Decrease	n/a	87 (2006)	1.6 % (1995-2006)	Medium	209 (2004)				58 (2006)	3.2 % (1995-2006)	Medium	H	Medium	Medium	52 % (2007)	Increasing	Low upskilling	Medium upskilling	28 % (2006)	2 % increase (2000-2006)	13 % (2007)	0 % (2000-2007)	M
Other services, maintenance and cleaning	6.4 % (2006)	2.5 % (2000-2006)	Medium	M	282 (2006)	1.6 % (1995-2006)						12 (2006)	4.1 % (1995-2006)			Few	Low	64 % (2006)	Increasing	Medium upskilling	Medium upskilling	66 % (2006)	2 % (2000-2006)	44 % (2006)	-2 % (2000-2006)	M
Post and telecommunications	1.5 % (2006)	1,3 % (2000-2006)	Low	L	307 (2006)	5.6 % (1995-2006)						34 (2006)	12.0 % (1995-2006)			Few	Low	79 % (2006)	Increasing	Medium upskilling	Medium upskilling	39 % (2006)	-1 % (2000-2006)	34 % (2006)	1 % (2000-2006)	L
Printing and publishing	0.87 % (2006)	-0.5 % (2000-2006)	Decrease	M	124 (2006)	2.2 % (1995-2006)	High					45 (2006)	5.2 % (1995-2006)	High	M	Few	Medium	78 % (2006)	Increasing	High upskilling	High upskilling	41 % (2006)	2 % (2000-2006)	33 % (2006)	4 % (2000-2006)	M
Textiles, apparel and leather products	2,7 %	-5,0 % (2000-2006)	Decrease	H	67,8	-4,0 % (2000-2006)	Low	242				52				Many	Medium	42 %	Increasing	Low upskilling	Low upskilling	59,2 % (2006)*	0,0% (2000-2006)*	30% (2007)*	Low increase (low decrease in NMS)	H
Transport	4.4 % (2006)	2.0 % (2000-2006)	Medium	H	530 (2006)	4.3 % (1995-2006)		803 (2007)				238 (2006)	6.5 % (1995-2006)			Few	Medium	72 %	Increasing	Low upskilling	Low upskilling	21 %	1 % increase (2000-2006)	25 % female	3 % increase (2000-2006)	H

Note: Date compiled from sector studies do not always correspond with data compiled from Eurostat or other sources. In some occasions data from Eurostat or other sources have been applied in the report instead of data from the sector studies. This has been done in order to ensure maximum validity of sectoral comparisons.

Blank cells: N/A