



## UVA-DARE (Digital Academic Repository)

### Frequency tables: gender distributions at aggregated levels per country: D01d

Tijdens, K.

**Publication date**

2009

**Document Version**

Final published version

[Link to publication](#)

#### **Citation for published version (APA):**

Tijdens, K. (2009). *Frequency tables: gender distributions at aggregated levels per country: D01d*. (EurOccupations). Erasmus University Rotterdam.  
[http://www.wageindicator.org/copy\\_of\\_documents/deliverables-year-3/deliverables-year-3/D01d-Frequency-tables-Gender-distributions-at-aggregated-levels-per-country.pdf](http://www.wageindicator.org/copy_of_documents/deliverables-year-3/deliverables-year-3/D01d-Frequency-tables-Gender-distributions-at-aggregated-levels-per-country.pdf)

#### **General rights**

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

#### **Disclaimer/Complaints regulations**

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.



Project no.	FP6-028987
Project acronym	<i>EurOccupations</i>
Project title	Developing a detailed 7-country occupations database for comparative socio-economic research in the European Union
Instrument:	STREP
Thematic Priority	PRIORITY 7, Research Area 3.2.2.

**Frequency tables: gender  
distributions at aggregated levels  
per country**

**D01d**

Project coordinator name:	Erasmus University Rotterdam
Start date of the project:	from 01.05.2006 to 30.04.09 (36 months)
Period covered:	from 01.05.2008 to 30.04.09
Report Preparation Date:	27.04.2009
Authors of this report:	Kea Tijdens (Erasmus University, University of Amsterdam)

# 1 Introduction

Since early 2007, the ISCO2008 draft 3 version of the EurOccupations database has been used for the response to the survey question "What is your occupation" in the WageIndicator web-survey. Before that period, ISCO1988 has been used. This web-survey is posted on frequently visited websites in an increasing number of countries in Europe and outside Europe. For more information see [www.wageindicator.org](http://www.wageindicator.org).

The WageIndicator has been used to produce summary measures of gender by occupation for six of the eight EurOccupations countries. For this purposes, the ISCO2008 draft 3 have been recoded to the ISCO2008 final codes, and subsequently the 3-digit codes have been used in the analyses. Similarly, ISCO1988 has been recoded to the ISCO2008 final codes. In total 127,605 observations have been used in this analysis (in the remaining, the 162 observations from France have been excluded). The table hereafter shows the overall percentages females per country.

	Belgium	Germany	Italy	Poland	Spain	UK
% female	41%	35%	27%	46%	45%	47%
N	19,361	53,491	526	10,481	19,719	23,865

Source: WageIndicator data, 2004/04 – 2008/04

The Table at the next page reveals the percentages females per occupational minor group (3-digit) per country. It shows, not surprisingly, that percentages females across the occupational groups vary substantially.

ISCO2008	label	BEL	BEL	GER	GER	ITA	ITA	POL	POL	ESP	ESP	GBR	GBR
3-dgt		Mean	N	Mean	N	Mean	N	Mean	N	Mean	N	Mean	N
111	Legislators and senior officials	19%	88			0%	2	45%	106	32%	177	55%	251
112	Managing directors and chief executives	9%	35			18%	11	17%	186	17%	144	15%	314
121	Business services and administration managers	38%	261	0%	1	22%	9	47%	632	44%	468	48%	1129
122	Sales, marketing and development managers	26%	423			9%	11	39%	245	39%	215	42%	641
131	Production managers in agriculture, forestry and fisheries	0%	1					0%	4	100%	3	25%	16
132	Manufacturing, mining, construction, and distribution managers	18%	170			29%	7	17%	138	21%	198	10%	331
133	Information and communications technology service managers	9%	117	9%	531	40%	5	7%	55	14%	42	19%	243
134	Professional services managers	32%	101			25%	4	50%	213	42%	134	60%	669
141	Hotel and restaurant managers	48%	31			0%	2	67%	3	39%	41	48%	233
142	Retail and wholesale trade managers	54%	41			0%	1	29%	35	49%	41	34%	41
143	Other services managers	100%	2			11%	9	42%	114	37%	252	43%	223
211	Physical and earth science professionals	30%	658	19%	402	17%	6	37%	107	42%	118	31%	313
212	Mathematicians, actuaries and statisticians	45%	20			0%	1	33%	15	18%	11	37%	19
213	Life science professionals	38%	8	48%	113	0%	1	53%	19	59%	39	54%	50
214	Engineering professionals (excluding electrotechnology)	16%	572	8%	4099	9%	22	22%	316	23%	424	11%	497
215	Electrotechnology engineers	3%	322	4%	2699	12%	17	8%	162	16%	399	7%	427
216	Architects, planners, surveyors and designers	57%	42	36%	11	31%	16	32%	114	47%	248	37%	214
221	Medical doctors	37%	43	23%	666	0%	1	38%	133	29%	113	28%	102
222	Nursing and midwifery professionals	77%	30	58%	72	100%	1	94%	32	68%	71	83%	133
223	Traditional and complementary medicine professionals												-
224	Paramedical practitioners												-
225	Veterinarians	71%	7					50%	2	42%	26	50%	16
226	Other health professionals	42%	380	60%	302	50%	4	56%	126	52%	268	43%	357
231	University and higher education teachers	46%	24			50%	12	33%	109	52%	105	49%	116
232	Vocational education teachers	100%	1					0%	3	43%	23	59%	44
233	Secondary education teachers	70%	23			100%	1	54%	78	54%	84	56%	112
234	Primary school and early childhood teachers	64%	309	38%	655	67%	3	76%	305	56%	378	69%	288
235	Other teaching professionals	65%	55	39%	38	57%	7	67%	69	74%	189	72%	271
241	Finance professionals	51%	716	27%	451	67%	6	75%	391	49%	174	48%	841
242	Administration professionals	35%	266			0%	2	58%	140	72%	113	70%	94
243	Sales, marketing and public relations professionals	64%	22			43%	7	44%	140	52%	126	61%	198
251	Software and applications developers and analysts	14%	1110	14%	4779	10%	52	10%	525	23%	1235	20%	1161
252	Database and network professionals	13%	46	14%	79	0%	11	14%	178	16%	219	13%	232
261	Legal professionals	57%	230	32%	1513	0%	4	45%	228	53%	228	60%	404
262	Librarians, archivists and curators	75%	4			100%	1	78%	58	83%	40	87%	23
263	Social and religious professionals	51%	339	49%	5053	38%	26	64%	182	56%	340	53%	306

ISCO2008	label	BEL	BEL	GER	GER	ITA	ITA	POL	POL	ESP	ESP	GBR	GBR
264	Authors, journalists and linguists	33%	12	46%	235	100%	2	56%	147	66%	107	60%	171
265	Creative and performing artists	83%	6	100%	1	0%	4	52%	31	54%	48	63%	52
311	Physical and engineering science technicians	11%	631	11%	4883	13%	8	24%	239	23%	933	10%	524
312	Mining, manufacturing and construction supervisors	7%	14			0%	1	0%	3	18%	17	6%	16
313	Process control technicians	11%	669	33%	1186	0%	5	10%	80	11%	130	8%	178
314	Life science technicians and related associate professionals	40%	10			0%	2	64%	22	42%	84	42%	12
315	Ship and aircraft controllers and technicians	14%	7	6%	17			0%	8	8%	12	10%	41
321	Medical and pharmaceutical technicians	84%	43	68%	22	100%	1	75%	16	60%	40	83%	69
322	Nursing and midwifery associate professionals	74%	384	63%	1778	50%	2	89%	62	70%	193	79%	201
323	Traditional and complementary medicine associate professionals									100%	1		-
324	Veterinary technicians and assistants			88%	8					100%	2	86%	7
325	Other health associate professionals	89%	37	73%	397	0%	2	54%	72	75%	215	70%	202
331	Financial and mathematical associate professionals	59%	516	66%	841	36%	14	73%	483	64%	434	75%	907
332	Sales and purchasing agents and brokers	26%	909	20%	205	29%	7	38%	246	29%	306	39%	595
333	Business services agents	53%	637	38%	32	56%	9	58%	182	38%	208	57%	548
334	Administrative and specialized secretaries	96%	53			100%	3	100%	39	96%	186	96%	165
335	Regulatory government associate professionals	30%	83	50%	32	100%	2	37%	148	33%	83	45%	101
341	Legal, social and religious associate professionals	67%	27			33%	3	58%	265	66%	35	80%	124
342	Sports and fitness workers	60%	25			0%	1	48%	23	38%	42	42%	90
343	Artistic, cultural and culinary associate professionals	51%	214			17%	6	32%	53	42%	202	53%	170
351	Information and communications technology operations and user support technicians	15%	372	8%	590	0%	14	14%	231	19%	733	22%	471
352	Telecommunications and broadcasting technicians	15%	26	0%	2	0%	4	21%	34	13%	110	23%	64
411	General office clerks	62%	1772	69%	8218	48%	31	65%	265	64%	1124	77%	2035
412	Secretaries (general)	95%	1300	95%	3577	33%	3	97%	183	84%	761	98%	713
413	Keyboard operators	54%	159	56%	140			63%	141	57%	257	90%	349
421	Tellers, money collectors and related clerks	43%	7	58%	106	40%	5	70%	53	41%	63	67%	75
422	Client information workers	72%	68	50%	2	43%	7	67%	101	66%	750	71%	485
431	Numerical clerks	68%	76			55%	11	76%	361	78%	747	69%	293
432	Material-recording and transport clerks	71%	776	31%	366	47%	19	51%	225	65%	511	38%	111
441	Other clerical support workers	54%	147			100%	1	69%	268	68%	676	68%	244
511	Travel attendants, conductors and guides	60%	10	72%	140	0%	1	45%	20	48%	40	34%	41
512	Cooks	44%	9			0%	1	60%	5	49%	70	55%	51
513	Waiters and bartenders	61%	206	65%	257	100%	4	55%	58	53%	227	69%	264
514	Hairdressers, beauticians and related workers	83%	6	91%	11			67%	3	94%	51	94%	32
515	Building and housekeeping supervisors	100%	1			0%	1	25%	4	15%	128	60%	25
516	Other personal services workers	86%	14			0%	2	94%	36	62%	159	90%	143

ISCO2008	label	BEL	BEL	GER	GER	ITA	ITA	POL	POL	ESP	ESP	GBR	GBR
521	Street and market salespersons	49%	37					50%	12	64%	42	35%	23
522	Shop salespersons	0%	4			20%	5	46%	105	50%	121	45%	100
523	Cashiers and ticket clerks	72%	123	25%	623	100%	1	72%	57	53%	99	68%	63
524	Other sales workers	61%	44	48%	23	100%	1	40%	43	61%	100	53%	119
531	Child care workers and teachers' aides	89%	85					100%	31	93%	84	95%	423
532	Personal care workers in health services	98%	80					100%	5	79%	71	84%	80
541	Protective services workers	16%	253	12%	129	0%	3	18%	124	14%	229	16%	393
611	Market gardeners and crop growers	14%	21	88%	8	0%	2	40%	15	28%	36	18%	60
612	Animal producers	44%	9			0%	1	60%	10	25%	12	31%	32
613	Mixed crop and animal producers							0%	2	100%	1	0%	2
621	Forestry and related workers							33%	9	0%	3	22%	9
622	Fishery workers, hunters and trappers	50%	2	6%	32					13%	8	20%	5
631	Subsistence crop farmers												-
632	Subsistence livestock farmers												-
633	Subsistence mixed crop and livestock farmers	0%	1							86%	7	33%	6
634	Subsistence fishers, hunters, trappers and gatherers												-
711	Building frame and related trades workers	2%	82	2%	258	0%	6	8%	53	8%	142	4%	134
712	Building finishers and related trades workers	4%	80	1%	282	0%	2	0%	34	0%	57	2%	136
713	Painters, building structure cleaners and related trades workers	42%	12	55%	124	0%	1	10%	20	10%	21	5%	41
721	Sheet and structural metal workers, moulders and welders, and related workers	10%	371	6%	1017	0%	2	3%	35	5%	139	2%	90
722	Blacksmiths, toolmakers and related trades workers	5%	62	2%	265	0%	3	10%	29	1%	80	4%	110
723	Machinery mechanics and repairers	1%	138	1%	173	0%	9	4%	55	7%	148	1%	234
731	Handicraft workers	36%	109	19%	42	0%	1	17%	6	35%	43	36%	11
732	Printing trades workers	23%	39	48%	300	33%	3	25%	20	25%	53	14%	77
741	Electrical equipment installers and repairers	2%	263	5%	2715	0%	2	8%	40	8%	119	5%	100
742	Electronics and telecommunications installers and repairers	3%	245	4%	237	0%	2	11%	35	14%	73	6%	147
751	Food processing and related trades workers	55%	44			29%	7	19%	42	51%	88	22%	69
752	Wood treaters, cabinet-makers and related trades workers	7%	84	4%	534	0%	1	8%	13	8%	37	0%	24
753	Garment and related trades workers	50%	6	0%	1	0%	2	67%	6	38%	16	100%	4
754	Other craft and related workers	33%	3			33%	3	31%	42	42%	43	39%	38
811	Mining and mineral processing plant operators	0%	21	18%	57	100%	1	0%	23	0%	15	4%	50
812	Metal processing and finishing plant operators	8%	39	7%	386			6%	17	17%	42	0%	25
813	Chemical and photographic products plant and machine operators	43%	42	11%	63			20%	5	27%	45	30%	10
814	Rubber, plastic and paper products machine operators	12%	69			0%	1	16%	25	22%	92	18%	85
815	Textile, fur and leather products machine operators	36%	28			0%	2	38%	8	35%	20	47%	19
816	Food and related products machine operators	12%	77			0%	1	21%	14	13%	23	17%	36

ISCO2008	label	BEL	BEL	GER	GER	ITA	ITA	POL	POL	ESP	ESP	GBR	GBR
817	Wood processing and papermaking plant operators	4%	47	8%	13			17%	12	15%	62	7%	42
818	Other stationary plant and machine operators	4%	57	22%	481	0%	3	22%	9	11%	53	19%	16
821	Assemblers	5%	148			100%	1	20%	30	12%	140	20%	70
831	Locomotive engine drivers and related workers	4%	24	0%	96			0%	10	0%	20	12%	43
832	Car, van and motorcycle drivers	20%	5	0%	16	0%	3	0%	22	5%	59	8%	75
833	Heavy truck and bus drivers	2%	196	2%	713	0%	4	3%	36	6%	156	2%	315
834	Mobile plant operators	11%	45	1%	243	0%	3	7%	29	9%	92	5%	97
835	Ships' deck crews and related workers									50%	2	0%	3
911	Domestic, hotel and office cleaners and helpers	82%	293	65%	99	80%	5	79%	39	83%	159	64%	153
912	Vehicle, window, laundry and other hand cleaning workers	49%	68					71%	14	52%	84	38%	69
921	Agricultural, forestry and fishery labourers	20%	30					0%	2	21%	29	14%	28
931	Mining and construction labourers	18%	128					11%	9	5%	61	7%	58
932	Manufacturing labourers	34%	70			0%	1	45%	20	26%	97	31%	39
933	Transport and storage labourers	33%	12	67%	3	50%	2	21%	14	31%	86	27%	66
941	Food preparation assistants	80%	10	75%	4	0%	1	50%	2	55%	29	42%	12
951	Street and related service workers												-
952	Street vendors (excluding food)					100%	1	0%	2	56%	36	65%	26
961	Refuse workers	20%	10					25%	4	13%	30	0%	21
962	Other elementary workers	20%	10					33%	3	55%	11	25%	32
11	Commissioned armed forces officers	0%	2					0%	6	0%	3	36%	11
21	Non-commissioned armed forces officers	0%	3			0%	1	0%	5	0%	9	5%	22
31	Armed forces occupations, other ranks					0%	1	0%	4	23%	13	9%	22