

Research Report

Economic impact of regulation in the field of liberal professions in different Member States

Regulation of Professional Services

Iain Paterson, Marcel Fink, Anthony Ogus

Section co-authors: Joachim Merz*, Felix Fink*; Helmut Berrer

Final Report – Part 3

Study for the European Commission, DG Competition**

January 2003

* (Case Studies: Germany, France)

**The contents of the study do not necessarily reflect the opinion
or position of the European Commission.

**Institut für Höhere Studien (IHS), Wien
Institute for Advanced Studies, Vienna**

Contact:

Iain Paterson

☎: +43/1/599 91-152

email: paterson@ihs.ac.at email: paterson@ihs.ac.at

Affiliations

Anthony Ogus: Centre for Regulation and Competition, University of Manchester School of Law

Joachim Merz, Felix Fink: Research Institute on Liberal Professions, University of Lüneburg

Marcel Fink: Department of Government, University of Vienna

Iain Paterson, Helmut Berrer: Department of Economics & Finance, Institute for Advanced Studies, Vienna

Thanks

go to the IHS project team members Niki Graf and Hermann Kuschej,
and to the many correspondents at professional bodies, member states' statistical offices and Eurostat.

Part 3 - References and Annexes

Contents

REFERENCES

ANNEXES

<u>ANNEX A1 COMPOSITION OF REGULATION INDICES - LAWYERS</u>	I
<u>ANNEX A2 COMPOSITION OF REGULATION INDICES - NOTARIES</u>	II
<u>ANNEX A3 COMPOSITION OF REGULATION INDICES - ACCOUNTANTS</u>	III
<u>ANNEX A4 COMPOSITION OF REGULATION INDICES - ARCHITECTS</u>	IV
<u>ANNEX A5 COMPOSITION OF REGULATION INDICES - ENGINEERS</u>	V
<u>ANNEX A6 COMPOSITION OF REGULATION INDICES - PHARMACISTS</u>	VI
<u>ANNEX B1 EXCERPTS OF COMPARABLE STRUCTURE DATA -- ITALY, LEGAL SERVICES</u> ,,,,,,VII	
<u>ANNEX B2 EXCERPTS OF COMPARABLE STRUCTURE DATA -- DENMARK, ACCOUNTANCY SERVICES</u>	VIII
<u>ANNEX B3 EXCERPTS OF COMPARABLE STRUCTURE DATA --GERMANY, TECHNICAL SERVICES</u>	IX
<u>ANNEX C1 GDP PER CAPITA IN PURCHASING POWER STANDARD (PPS)</u>	X
<u>ANNEX C2 POI – PRICE AND OUTPUT INDICES</u>	XI
<u>ANNEX D1 SOURCES OF ESTIMATES FOR 'NUMBER OF PROFESSIONALS' - LEGAL SERVICES</u>	XII
<u>ANNEX D2 SOURCES OF ESTIMATES FOR 'NUMBER OF PROFESSIONALS' - ACCOUNTANCY SERVICES</u>	XIII
<u>ANNEX D3 SOURCES OF ESTIMATES FOR 'NUMBER OF PROFESSIONALS' - TECHNICAL SERVICES</u>	XIV
<u>ANNEX D4 SOURCES OF ESTIMATES FOR 'NUMBER OF PROFESSIONALS' - PHARMACY SERVICES</u>	XV
<u>ANNEX E1 RETURNS OF IHS QUESTIONNAIRES FROM MEMBER STATES - SUMMARY STATISTICS</u>	XVI
<u>ANNEX E2 SYNOPSIS OF IHS QUESTIONNAIRE RETURNS -- CASE STUDY COUNTRIES/PROFESSIONS</u>	XVII
<u>ANNEX E3 IHS QUESTIONNAIRE</u>	

References

- AKERLOF, George A., 1970, The Market for “Lemons”: Qualitative Uncertainty and the Market Mechanism, *Quarterly Journal of Economics*, Vol. 84, 488-500.
- BARTELS, K. D., 1996, Aus- und Fortbildung des Accountancy Berufsstandes. Ein Vergleich zwischen dem Vereinigten Königreich und der Bundesrepublik Deutschland, Frankfurt/Main.
- BLACK, Julia, 1996, Constitutionalising Self-Regulation, *Modern Law Review*, Vol. 59, 24-55.
- CLEMENT, Werner, KOLB Walter, 2000, Die Entwicklung des Arzneimittelsektors am Apothekenmarkt Österreichs im internationalen Vergleich 1989-1998, IWI Industrowissenschaftliches Institut, IWI Fachbereich Gesundheitsökonomie.
- FAURE, M., FINSINGER J., SIEGERS J., VAN DEN BERGH R., (eds.), 1993, Regulation of professions: A Law and Economics approach to the regulation of attorneys and physicians in the US, Belgium, The Netherlands, Germany and the UK, Antwerpen.
- FAURE, M., MAKS J.A.H., PHILIPSEN N.J., 2001, (Zelf)-regulering van de Apothekersmarkt, *Maandschrift Economie*, Vol. 65, 208-228.
- FELDERER et al, Bernhard, 2002, Umsatzsteuermodifikation am Arzneimittelmarkt Pros und Cons., *IHS Research Report 679*, Vienna.
- FELDERER, B., FINK M., HELMENSTEIN C., PATERSON I., 1998, Re-Regulierung der Freien Berufe. Eine komparative Analyse der rechts- und wirtschaftsberatenden Freien Berufe in Österreich und drei weiteren Europäischen Ländern, *IHS Research Report 499*, Vienna.
- FELDERER, B., FINK M., HELMENSTEIN C., PATERSON I., KUZMICS C., 1999, Beschäftigungspotentiale der Freien Berufe. Eine komparative Analyse der rechts-, wirtschafts- und technisch beratenden Berufe, *IHS Research Report 504*, Vienna.
- FIALA, Markus, CLEMENT Werner, 2000, Empirische Grundlagen des österreichischen Pharmagroßhandels im europäischen Vergleich.
- GELKING, C., 1996, Deregulierung der Freien Berufe: Kritische Analyse einer berufs- und standesrechtlichen Überregulierung freiberuflicher Dienstleistungen, Frankfurt/Main

HENSSLER, M., NERLICH J. (eds.), 1994, *Anwaltliche Tätigkeit in Europa*, Bonn.

HERRMANN, H., 1996, *Recht der Kammern und Verbände Freier Berufe: Europäischer Ländervergleich und USA*, Baden-Baden.

HOFMACHER, Maria, RIEDEL Monika, 2001, *Ressourcenverbrauch in der EU: Innovation kostet Schwerpunktthema. Die Regulierung des Arzneimittelmarktes macht alle sicherer*, *Health System Watch, Beilage zur Fachzeitschrift Soziale Sicherheit*, Hauptverband der österreichischen Sozialversicherungsträger.

HOLEN, Arlene S., 1965, 'Effects of Professional Licensing Arrangements on Interstate Labor Mobility and Resource Allocation', *Journal of Political Economy*, Vol 73, 492-498.

IBFD (International Bureau of Fiscal Documentation) (ed.), 2001, *Steuerberater-Handbuch Europa, Länderdarstellungen, Berufsrecht, Querschnitts-darstellungen, Rechtsvorschriften, Verwaltungsverlautbarungen, Rechtsprechung, Lose-Blatt Sammlung*, Bonn.

IFB (ed.), 1993, *Freie Berufe in Europa. Materialien zur Struktur und Lage der Freien Berufe in der Europäischen Gemeinschaft, in Österreich und der Schweiz*, Bonn.

IMS Health, 1999, *Europäischer Spannen- und Leistungsvergleich für Apotheken*.

KAY, John A., 1988, *The Forms of Regulation*, in Seldon, Arthur (ed), *Financial Regulation – or Over-Regulation*, 33-42. Institute of Economic Affairs.

KAY, John A., VICKERS John, 1990, *Regulatory Reform: An Appraisal*, in Majone, Giandomenico (ed.), *Deregulation or Re-regulation: Regulatory Reform in Europe and the United States*, London, Frances Pinter.

KENWORTHY, I., 2001, *Quantitative Indicators of Corporatism*, Department of Sociology, Emory University, Atlanta, <http://www.emory.edu/SOC/Ikenworthy/QloC-paper.pdf>.

KLOS, J., 1991, *Der Berufsweg zum Wirtschaftsprüfer*, in *Steuer&Studium – Zeitschrift für die Aus- und Fortbildung im Steuerrecht*, Heft 10/91 (Oktober), 363-367.

LECG Ltd., 2001, *Restrictions on Competition in the Provision of Professional Services*”, Report for the Office of Fair Trading, in *Competition in professions*, OFT.

MAKS, J.A.H., PHILIPSEN N.J., 2002, *An economic analysis of the regulation of professions*, in L. Vereeck (ed), *The Regulation of Architects*, Intersentia, Antwerpen.

- MILLER, J.C., 1985, The FTC and Voluntary Standards: Maximising the Net Benefits of Self-Regulation. *The Cato Journal*, Vol. 4, 897-903.
- NGUYEN-HONG, Duc, 2000, Restrictions on Trade in Professional Services, *Staff Research Paper*, Productivity Commission, Melbourne.
- OECD, 1996, International Trade in Professional Services. Assessing Barriers and Encouraging Reform, Paris.
- OECD. 1999, Employment Outlook, Paris.
- OGUS Anthony, 2000, Self-Regulation, in B. Bouckaer and g. De Geest (eds), *Encyclopedia of Law and Economics, Vol. V: The Economics of crime and Litigation*, Edward Elgar, 587-602.
- OGUS, Anthony, 1995, 'Rethinking Self-Regulation', *Oxford Journal of Legal Studies*, Vol 15 97-108.
- ÖSTERREICHISCHE APOTHEKERKAMMER, 2002, Die Österreichische Apotheke in Zahlen.
- PASHIGIAN, B. Peter, 1977, 'The Market for Lawyers: The Determinants of the Demand for and Supply of Lawyers', *Journal of Law and Economics*, Vol 20, 53-85.
- PASHIGIAN, B. Peter, 1979, 'Occupational Licensing and the Interstate Mobility of Professionals', *Journal of Law and Economics*, Vol 22, 1-25.
- PELTZMAN, Sam, 1976, 'Toward a More General Theory of Regulation', *Journal of Law and Economics*, 211-240.
- POSNER, Richard A., 1974, 'Theories of Economic Regulation', *Bell Journal of Economics and Management Science*, Vol 5, 335-358.
- ROSIAN, Ingrid, HABL Claudia, VOGLER Sabine, WEIGL Marion, 2001, ÖBIG, Arzneimittel Steuerung der Märkte in der EU, Österreichisches Bundesinstitut für Gesundheitswesen.
- STD (Svensk Teknik och Design), 2001, Sector Review, Swedish Federation of Consulting Engineers and Architects.

- STEPHEN, Frank H., 2002, An Economic Perspective on the Regulation of Legal Service Markets, *Evidence submitted to the Justice 1 Committee's Inquiry into the Regulation of the Legal Profession*, Scottish Parliament, Official Report.
- STEPHEN, Frank H., LOVE James H., 2000, Regulation of Legal Profession, in Bouckaert, B. and De Geest, G. (eds.), *Encyclopedia of Law and Economics*, Edward Elgar, 987-1017.
- STIGLER, George J., 1971, The Theory of Economic Regulation, *Bell Journal of Economics*, Vol 2, 3-21.
- SVORNY, Shirley, 2000, Regulation of Legal Profession, in Bouckaert, B. and De Geest, G. (eds.), *Encyclopedia of Law and Economics*, Edward Elgar, 296-328.
- VAN DEN BERGH, Roger, FAURE Michael G., 1991, Self Regulation of the Professions in Belgium, *International Review of Law and Economics*, Vol 11, 165-182.
- WASILEWSKI, R., 1997, Der Berufsstand in der Europäischen Perspektive, in: Bertl (Hrsg.), 201-267.
- WEIN, T., 1995, Recht durch Rechtsanwälte? Eine ökonomische Analyse des Marktes für Rechtsanwaltsdienstleistungen, Berlin.
- WHO (World Health Organisation), 1999, Health Care Systems in Transition, Portugal, European observatory of health care systems.

Annex A1 Composition of Regulation Indices - Lawyers

Lawyers	Market entry								Market conduct							Total	
	ER	ERLC	ERED	ERED 1	ERED 2	ERED 3	ERED 4	ERQT	MCR	MCPR	MCAD	MCLOC	MCDIV	MCIC	MCIC 1		MCIC 2
Austria	4.1	6.0	4.2	4.0	5.0	2.0	6.0	0.0	3.3	5.0	4.0	0.0	3.0	3.3	2.0	4.5	7.3
Belgium	2.5	3.0	3.3	5.0	3.0	0.0	6.0	0.0	2.1	0.0	2.0	0.0	3.0	4.8	5.0	4.5	4.6
Denmark	2.1	1.5	3.7	5.0	3.0	2.0	6.0	0.0	0.9	0.0	2.0	0.0	0.0	2.5	2.0	3.0	3.0
Finland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.3
France	3.9	6.0	3.7	5.0	2.0	4.0	6.0	0.0	2.7	0.0	4.0	6.0	3.0	2.5	2.0	3.0	6.6
Germany	3.7	6.0	3.3	3.5	2.0	4.0	6.0	0.0	2.8	5.0	2.0	0.0	3.0	2.5	2.0	3.0	6.5
Greece	3.5	6.0	2.8	4.0	1.5	2.0	6.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	9.5
Ireland	2.4	3.0	3.0	4.0	2.0	4.0	2.0	0.0	2.1	0.0	4.0	0.0	0.0	6.0	6.0	6.0	4.5
Italy	2.6	3.0	3.4	4.0	3.0	2.0	6.0	0.0	3.9	6.0	4.0	0.0	3.0	4.8	5.0	4.5	6.4
Luxembourg	3.8	6.0	3.6	4.5	2.0	4.0	6.0	0.0	2.8	0.0	4.0	0.0	6.0	4.0	2.0	6.0	6.6
Netherlands	2.1	1.5	3.7	5.0	3.0	2.0	6.0	0.0	1.8	0.0	2.0	6.0	0.0	2.5	2.0	3.0	3.9
Portugal	3.5	6.0	2.8	4.0	1.5	2.0	6.0	0.0	2.2	2.0	6.0	0.0	0.0	3.3	2.0	4.5	5.7
Spain	3.4	6.0	2.5	5.0	0.0	2.0	6.0	0.0	3.1	2.0	4.0	0.0	3.0	5.5	5.0	6.0	6.5
Sweden	2.0	1.5	3.5	4.5	5.0	0.0	1.0	0.0	0.4	0.0	0.0	0.0	0.0	1.8	2.0	1.5	2.4
UK/E&W - Barristers	2.8	4.5	2.5	4.5	1.0	2.0	3.0	0.0	1.8	0.0	2.0	0.0	0.0	6.0	6.0	6.0	4.6
United Kingdom	2.9	4.5	2.9	4.5	2.0	2.0	3.0	0.0	0.6	0.0	2.0	0.0	0.0	1.0	2.0	0.0	3.5

Source: IHS questionnaires 2002 and other sources

ER: Entry regulation

ERLC: Entry regulation - Licensing

ERED: Entry regulation - Requirements in education

ERED 1: Entry regulation - Duration of special education: University or other higher degree

ERED 2: Entry regulation - Duration of compulsory practise

ERED 3: Entry regulation - Number of professional exams

ERED 4: Entry regulation - Number of entry routes to profession

ERQT: Entry regulation - Quotas/Economic needs test

MCR: Market conduct regulation

MCPR: Market conduct regulation - Regulation on prices and fees

MCAD: Market conduct regulation - Regulation on advertising

MCLOC: Market conduct regulation - Regulations on location

MCDIV: Market conduct regulation - Regulations on diversification

MCIC: Market conduct regulation - Regulations on form of business and inter-professional co-operation

MCIC 1: Market conduct regulation - Regulations on form of business

MCIC 2: Market conduct regulation - Regulations on inter-professional co-operation

Annex A2 Composition of Regulation Indices - Notaries

Notaries	Market entry								Market conduct								Total
	ER	ERLC	ERED	ERED 1	ERED 2	ERED 3	ERED 4	ERQT	MCR	M CPR	MCAD	MCLOC	MCDIV	MCIC	MCIC 1	MCIC 2	
Austria	5.4	6.0	4.6	4.0	6.0	2.0	6.0	6.0	4.2	4.0	4.0	0.0	6.0	5.5	5.0	6.0	9.6
Belgium	4.0	3.0	4.0	6.0	3.0	2.0	6.0	6.0	5.3	5.0	4.0	6.0	6.0	5.5	5.0	6.0	9.3
France	5.3	6.0	4.2	6.0	3.0	4.0	4.0	6.0	4.7	5.0	6.0	0.0	6.0	5.5	5.0	6.0	10.0
Germany	5.5	6.0	4.7	3.5	6.0	4.0	4.0	6.0	5.6	6.0	4.0	6.0	6.0	5.5	5.0	6.0	11.0
Greece	5.2	6.0	4.0	4.0	3.5	4.0	6.0	6.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Italy	4.8	6.0	3.0	4.0	2.0	2.0	6.0	6.0	5.9	6.0	6.0	6.0	6.0	5.5	5.0	6.0	10.7
Luxembourg	5.1	6.0	3.7	5.0	3.0	2.0	6.0	6.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Netherlands	3.6	4.5	4.6	4.0	6.0	2.0	6.0	0.0	2.6	3.0	2.0	0.0	6.0	1.5	0.0	3.0	6.3
Portugal	4.6	6.0	2.5	5.0	1.0	0.0	6.0	6.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.0	0.0	n.a.
Spain	4.6	6.0	2.5	5.0	0.0	2.0	6.0	6.0	4.8	6.0	6.0	6.0	0.0	6.0	6.0	6.0	9.4

Source: IHS questionnaires 2002 and other sources

ER: Entry regulation

ERLC: Entry regulation - Licensing

ERED: Entry regulation - Requirements in education

ERED 1: Entry regulation - Duration of special education: University or other higher degree

ERED 2: Entry regulation - Duration of compulsory practise

ERED 3: Entry regulation - Number of professional exams

ERED 4: Entry regulation - Number of entry routes to profession

ERQT: Entry regulation - Quotas/Economic needs test

MCR: Market conduct regulation

M CPR: Market conduct regulation - Regulation on prices and fees

MCAD: Market conduct regulation - Regulation on advertising

MCLOC: Market conduct regulation - Regulations on location

MCDIV: Market conduct regulation - Regulations on diversification

MCIC: Market conduct regulation - Regulations on form of business and inter-professional co-operation

MCIC 1: Market conduct regulation - Regulations on form of business

MCIC 2: Market conduct regulation - Regulations on inter-professional co-operation

Annex A3 Composition of Regulation Indices - Accountants

Accountants	Market entry								Market conduct								Total
	ER	ERLC	ERED	ERED 1	ERED 2	ERED 3	ERED 4	ERQT	MCR	MCPR	MCAD	MCLOC	MCDIV	MCIC	MCIC 1	MCIC 2	
Austria	4.2	6.0	4.4	4.0	5.0	4.0	4.0	0.0	2.0	2.0	2.0	0.0	3.0	2.5	2.0	3.0	6.2
Belgium	3.9	6.0	3.8	4.0	3.0	4.0	6.0	0.0	2.4	0.0	4.0	0.0	3.0	4.8	5.0	4.5	6.3
Denmark	2.2	1.5	4.1	5.0	3.0	4.0	6.0	0.0	0.6	0.0	0.0	0.0	3.0	0.0	0.0	0.0	2.8
Finland	2.6	3.0	3.6	4.0	3.0	4.0	4.0	0.0	0.9	0.0	2.0	0.0	0.0	2.5	2.0	3.0	3.5
France	4.0	6.0	4.0	6.0	3.0	2.0	6.0	0.0	1.8	0.0	4.0	0.0	3.0	2.5	2.0	3.0	5.8
Germany	3.6	6.0	3.0	4.0	3.0	2.0	2.0	0.0	2.5	5.0	4.0	0.0	0.0	2.5	2.0	3.0	6.1
Greece	3.6	4.5	4.6	4.0	6.0	2.0	6.0	0.0	1.5	5.0	0.0	0.0	0.0	1.0	2.0	0.0	5.1
Ireland	2.7	3.0	3.7	3.0	5.0	4.0	0.0	0.0	0.3	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0
Italy	3.2	4.5	3.4	4.0	3.0	2.0	6.0	0.0	1.9	2.0	2.0	0.0	0.0	4.5	6.0	3.0	5.1
Luxembourg	3.8	6.0	3.6	4.0	3.0	4.0	4.0	0.0	1.2	0.0	4.0	0.0	0.0	2.5	2.0	3.0	5.0
Netherlands	3.1	4.5	3.2	4.0	3.0	2.0	4.0	0.0	1.4	2.0	2.0	0.0	0.0	2.5	2.0	3.0	4.5
Portugal	2.7	3.0	3.7	5.0	3.0	2.0	6.0	0.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Spain	1.9	1.5	3.3	3.0	3.0	4.0	4.0	0.0	1.5	1.0	4.0	0.0	0.0	2.5	2.0	3.0	3.4
Sweden	2.4	2.0	4.0	4.0	5.0	1.0	6.0	0.0	0.9	0.0	2.0	0.0	0.0	2.5	2.0	3.0	3.3
United Kingdom	2.7	3.0	3.7	3.0	5.0	4.0	0.0	0.0	0.3	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0

Source: IHS questionnaires 2002 and other sources

ER: Entry regulation

ERLC: Entry regulation - Licensing

ERED: Entry regulation - Requirements in education

ERED 1: Entry regulation - Duration of special education: University or other higher degree

ERED 2: Entry regulation - Duration of compulsory practise

ERED 3: Entry regulation - Number of professional exams

ERED 4: Entry regulation - Number of entry routes to profession

ERQT: Entry regulation - Quotas/Economic needs test

MCR: Market conduct regulation

MCPR: Market conduct regulation - Regulation on prices and fees

MCAD: Market conduct regulation - Regulation on advertising

MCLOC: Market conduct regulation - Regulations on location

MCDIV: Market conduct regulation - Regulations on diversification

MCIC: Market conduct regulation - Regulations on form of business and inter-professional co-operation

MCIC 1: Market conduct regulation - Regulations on form of business

MCIC 2: Market conduct regulation - Regulations on inter-professional co-operation

Annex A4 Composition of Regulation Indices - Architects

Architects	Market entry								Market conduct							Total	
	ER	ERLC	ERED	ERED 1	ERED 2	ERED 3	ERED 4	ERQT	MCR	M CPR	MCAD	MCLOC	MCDIV	MCIC	MCIC 1		MCIC 2
Austria	3.9	6.0	3.7	5.0	3.0	2.0	6.0	0.0	1.2	1.0	2.0	0.0	0.0	2.5	2.0	3.0	5.1
Belgium	2.4	3.0	2.9	5.0	2.0	0.0	6.0	0.0	1.6	5.0	2.0	0.0	0.0	0.0	0.0	0.0	3.9
Denmark	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Finland	1.4	1.5	2.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
France	2.2	3.0	2.4	6.0	0.0	0.0	6.0	0.0	0.9	0.0	2.0	0.0	0.0	2.5	2.0	3.0	3.1
Germany	1.8	1.5	3.0	4.0	3.0	0.0	6.0	0.0	2.7	6.0	4.0	0.0	0.0	2.5	2.0	3.0	4.5
Greece	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Ireland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Italy	3.2	6.0	2.0	5.0	0.0	2.0	1.0	0.0	3.0	6.0	6.0	0.0	0.0	2.5	2.0	3.0	6.2
Luxembourg	2.6	4.5	2.1	4.0	2.0	0.0	1.0	0.0	2.7	5.0	4.0	0.0	0.0	3.3	2.0	4.5	5.3
Netherlands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Portugal	2.2	3.0	2.4	5.0	1.0	2.0	1.0	0.0	0.6	0.0	4.0	0.0	0.0	0.0	0.0	0.0	2.8
Spain	3.2	6.0	1.9	5.0	0.0	0.0	4.0	0.0	0.8	2.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0
Sweden	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United Kingdom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: IHS questionnaires 2002 and other sources

ER: Entry regulation

ERLC: Entry regulation - Licensing

ERED: Entry regulation - Requirements in education

ERED 1: Entry regulation - Duration of special education: University or other higher degree

ERED 2: Entry regulation - Duration of compulsory practise

ERED 3: Entry regulation - Number of professional exams

ERED 4: Entry regulation - Number of entry routes to profession

ERQT: Entry regulation - Quotas/Economic needs test

MCR: Market conduct regulation

M CPR: Market conduct regulation - Regulation on prices and fees

MCAD: Market conduct regulation - Regulation on advertising

MCLOC: Market conduct regulation - Regulations on location

MCDIV: Market conduct regulation - Regulations on diversification

MCIC: Market conduct regulation - Regulations on form of business and inter-professional co-operation

MCIC 1: Market conduct regulation - Regulations on form of business

MCIC 2: Market conduct regulation - Regulations on inter-professional co-operation

Annex A5 Composition of Regulation Indices - Engineers

Engineers	Market entry								Market conduct							Total	
	ER	ERLC	ERED	ERED 1	ERED 2	ERED 3	ERED 4	ERQT	MCR	MCPR	MCAD	MCLOC	MCDIV	MCIC	MCIC 1		MCIC 2
Austria	3.8	6.0	3.5	5.0	3.0	1.0	6.0	0.0	1.2	1.0	2.0	0.0	0.0	2.5	2.0	3.0	5.0
Belgium	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	4.0	0.0	3.0	0.0	0.0	0.0	1.2
Denmark	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Finland	1.1	1.5	1.3	3.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
France	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Germany	3.7	6.0	3.2	4.0	3.5	0.0	6.0	0.0	3.7	5.0	2.0	6.0	3.0	2.5	2.0	3.0	7.4
Greece	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Ireland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Italy	3.4	6.0	2.5	5.0	0.0	2.0	6.0	0.0	3.0	6.0	6.0	0.0	0.0	2.5	2.0	3.0	6.4
Luxembourg	2.7	4.5	2.2	4.0	1.0	0.0	6.0	0.0	2.7	5.0	4.0	0.0	0.0	3.3	2.0	4.5	5.3
Netherlands	1.5	2.0	1.7	3.0	1.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Portugal	3.4	6.0	2.4	4.0	2.0	0.0	4.0	0.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.0	0.0	n.a.
Spain	3.2	6.0	2.1	5.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
Sweden	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
United Kingdom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: IHS questionnaires 2002 and other sources

ER: Entry regulation

ERLC: Entry regulation - Licensing

ERED: Entry regulation - Requirements in education

ERED 1: Entry regulation - Duration of special education: University or other higher degree

ERED 2: Entry regulation - Duration of compulsory practise

ERED 3: Entry regulation - Number of professional exams

ERED 4: Entry regulation - Number of entry routes to profession

ERQT: Entry regulation - Quotas/Economic needs test

MCR: Market conduct regulation

MCPR: Market conduct regulation - Regulation on prices and fees

MCAD: Market conduct regulation - Regulation on advertising

MCLOC: Market conduct regulation - Regulations on location

MCDIV: Market conduct regulation - Regulations on diversification

MCIC: Market conduct regulation - Regulations on form of business and inter-professional co-operation

MCIC 1: Market conduct regulation - Regulations on form of business

MCIC 2: Market conduct regulation - Regulations on inter-professional co-operation

Annex A6 Composition of Regulation Indices - Pharmacists

Pharmacists	Market entry								Market conduct							Total	
	ER	ERLC	ERED	ERED 1	ERED 2	ERED 3	ERED 4	ERQT	MCR	M CPR	MCAD	MCLOC	MCDIV	MCIC	MCIC 1		MCIC 2
Austria	3.6	1.5	2.8	4.5	1.0	2.0	6.0	6.0	3.7	3.0	4.0	0.0	6.0	4.8	5.0	4.5	7.3
Belgium	3.6	3.0	2.1	5.0	0.0	0.0	6.0	6.0	1.8	3.0	2.0	0.0	3.0	0.0	0.0	0.0	5.4
Denmark	2.3	1.5	2.1	5.0	0.0	0.0	6.0	3.0	3.6	5.0	2.0	0.0	3.0	6.0	6.0	6.0	5.9
Finland	4.0	4.5	2.3	5.0	0.5	0.0	6.0	6.0	3.0	3.0	2.0	0.0	3.0	6.0	6.0	6.0	7.0
France	3.8	3.0	2.5	5.0	1.0	0.0	6.0	6.0	3.5	5.0	4.0	0.0	3.0	4.0	2.0	6.0	7.3
Germany	1.6	1.5	2.9	4.0	1.0	6.0	1.0	0.0	4.1	5.0	2.0	0.0	6.0	5.5	5.0	6.0	5.7
Greece	4.4	6.0	2.4	4.0	0.5	2.0	6.0	6.0	4.5	5.0	4.0	0.0	6.0	6.0	6.0	6.0	8.9
Ireland	1.5	1.5	2.6	4.0	1.0	2.0	6.0	0.0	1.2	3.0	2.0	0.0	0.0	0.0	0.0	0.0	2.7
Italy	4.8	6.0	3.3	5.0	2.0	2.0	6.0	6.0	3.6	3.0	2.0	0.0	6.0	6.0	6.0	6.0	8.4
Luxembourg	4.0	4.5	2.2	4.5	0.5	0.0	6.0	6.0	3.9	3.0	4.0	0.0	6.0	6.0	6.0	6.0	7.9
Netherlands	1.2	1.5	1.9	6.0	0.0	0.0	1.0	0.0	1.8	3.0	2.0	0.0	3.0	0.0	0.0	0.0	3.0
Portugal	4.2	4.5	2.7	5.5	0.0	2.0	6.0	6.0	3.8	3.0	6.0	0.0	6.0	4.0	2.0	6.0	8.0
Spain	3.6	3.0	2.1	5.0	0.0	0.0	6.0	6.0	3.9	3.0	4.0	0.0	6.0	6.0	6.0	6.0	7.5
Sweden	4.2	6.0	2.1	5.0	0.0	0.0	6.0	6.0	5.4	6.0	2.0	6.0	6.0	6.0	6.0	6.0	9.6
United Kingdom	2.7	1.5	3.0	4.0	1.0	4.0	6.0	3.0	1.4	2.0	2.0	0.0	0.0	2.5	2.0	3.0	4.1

Source: IHS questionnaires 2002 and other sources

ER: Entry regulation

ERLC: Entry regulation - Licensing

ERED: Entry regulation - Requirements in education

ERED 1: Entry regulation - Duration of special education: University or other higher degree

ERED 2: Entry regulation - Duration of compulsory practise

ERED 3: Entry regulation - Number of professional exams

ERED 4: Entry regulation - Number of entry routes to profession

ERQT: Entry regulation - Quotas/Economic needs test

MCR: Market conduct regulation

M CPR: Market conduct regulation - Regulation on prices and fees

MCAD: Market conduct regulation - Regulation on advertising

MCLOC: Market conduct regulation - Regulations on location

MCDIV: Market conduct regulation - Regulations on diversification

MCIC: Market conduct regulation - Regulations on form of business and inter-professional co-operation

MCIC 1: Market conduct regulation - Regulations on form of business

MCIC 2: Market conduct regulation - Regulations on inter-professional co-operation

Annex B1 Excerpts of Comparable Structure Data -- Italy, Legal Services

ITALY - k7411 Legal services	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Key Variables:										
F in units					74 158 ¹	77 367 ¹	80 241 ¹	70 254 ¹	79 093 ¹	87 608 ¹
T in Mio EUR					5 818 ¹	7 824 ¹	7 824 ¹	8 222 ¹	9 104 ¹	11 273 ¹
E in units					131 184 ¹	131 409 ¹	136 694 ¹	128 185 ¹	135 842 ¹	148 665 ¹
Professionals in units										139 500 ²
Population in Mio.					57.27 ¹	57.33 ¹	57.46 ¹	57.56 ¹	57.61 ¹	57.68 ¹
GDP in Bil. EUR					839 ¹	971 ¹	1 030 ¹	1 069 ¹	1 108 ¹	1 166 ¹
Key Indicators:										
T per Firm in 1000 EUR					78 ³	101 ³	98 ³	117 ³	115 ³	129 ³
E per 1000 firms					1 769 ³	1 699 ³	1 704 ³	1 825 ³	1 717 ³	1 697 ³
T per E in 1000 EUR					44 ³	60 ³	57 ³	64 ³	67 ³	76 ³
E per Mio. of Pop					2 291 ³	2 292 ³	2 379 ³	2 227 ³	2 358 ³	2 577 ³
F per Mio. of Pop					1 295 ³	1 349 ³	1 396 ³	1 220 ³	1 373 ³	1 519 ³
Prof per 1000 F					1 182 ³					1 592 ³
T per Prof in 1000 EUR					66 ³					81 ³
E per 1000 Prof					1 497 ³					1 066 ³
Prof Density (per Mio. Pop)					1 530 ³					2 419 ³
T per cap. in EUR					102 ³	136 ³	136 ³	143 ³	158 ³	195 ³
T in % of GDP					0.69 ³	0.81 ³	0.76 ³	0.77 ³	0.82 ³	0.97 ³
Vol in POI-adjusted Mio. EUR*					7 014 ³	8 557 ³	8 479 ³	8 989 ³	10 073 ³	12 577 ³
Vol per cap. in EUR*					122 ³	149 ³	148 ³	156 ³	175 ³	218 ³
Vol per firm in 1000 EUR*					95 ³	111 ³	106 ³	128 ³	127 ³	144 ³
Vol per E in 1000 EUR*					53 ³	65 ³	62 ³	70 ³	74 ³	85 ³
Vol per Prof in 1000 EUR*					80 ³					90 ³

¹ Source: Eurostat² Value refers to year 2001³ Value calc. by IHS

Annex B2 Excerpts of Comparable Structure Data -- Denmark, Accountancy Services

DENMARK - k7412 Accountancy	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Key Variables:										
F in units		7 377 ¹	7 532 ¹						4 022 ³	4 104 ³
T in Mio EUR		1 048 ¹	1 067 ¹						1 199 ³	1 376 ³
E in units		20 246 ¹	19 370 ¹						16 366 ³	17 024 ³
Professionals in units										5 077 ²
Population in Mio.		5.16 ¹	5.18 ¹	5.20 ¹	5.22 ¹	5.25 ¹	5.28 ¹	5.29 ¹	5.31 ¹	5.33 ¹
GDP in Bil. EUR		114 ¹	119 ¹	128 ¹	138 ¹	144 ¹	149 ¹	156 ¹	165 ¹	176 ¹
Key Indicators:										
T per Firm in 1000 EUR		142 ⁴	142 ⁴						298 ⁴	335 ⁴
E per 1000 firms		2 744 ⁴	2 572 ⁴						4 069 ⁴	4 148 ⁴
T per E in 1000 EUR		52 ⁴	55 ⁴						73 ⁴	81 ⁴
E per Mio. of Pop		3 922 ⁴	3 739 ⁴						3 080 ⁴	3 194 ⁴
F per Mio. of Pop		1 429 ⁴	1 454 ⁴						757 ⁴	770 ⁴
Prof per 1000 F										1 237 ⁴
T per Prof in 1000 EUR										271 ⁴
E per 1000 Prof										3 353 ⁴
Prof Density (per Mio. Pop)										953 ⁴
T per cap. in EUR		203 ⁴	206 ⁴						226 ⁴	258 ⁴
T in % of GDP		0.92 ⁴	0.90 ⁴						0.72 ⁴	0.78 ⁴
Vol in POI-adjusted Mio. EUR*		766 ⁴	755 ⁴						820 ⁴	938 ⁴
Vol per cap. in EUR*		148 ⁴	146 ⁴						154 ⁴	176 ⁴
Vol per firm in 1000 EUR*		104 ⁴	100 ⁴						204 ⁴	229 ⁴
Vol per E in 1000 EUR*		38 ⁴	39 ⁴						50 ⁴	55 ⁴
Vol per Prof in 1000 EUR*										185 ⁴

¹ Source: Eurostat² Value refers to year 2001³ Source: Danish national data from Danmarks Statistik⁴ Value calc. by IHS

Annex B3 Excerpts of Comparable Structure Data --Germany, Technical Services

GERMANY - k742 Technical services	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Key Variables:										
F in units										69 880 ¹
T in Mio EUR										32 490 ¹
E in units										360 269 ¹
Professionals in units										130 148 ²
Population in Mio.										82.16 ¹
GDP in Bil. EUR										20 255 ¹
Key Indicators:										
T per Firm in 1000 EUR										465 ³
E per 1000 firms										5 156 ³
T per E in 1000 EUR										90 ³
E per Mio. of Pop										4 385 ³
F per Mio. of Pop										850 ³
Prof per 1000 F										1 862 ³
T per Prof in 1000 EUR										250 ³
E per 1000 Prof										2 768 ³
Prof Density (per Mio. Pop)										1 584 ³
T per cap. in EUR										395 ³
T in % of GDP										1.60 ³
Vol in POI-adjusted Mio. EUR*										29 711 ³
Vol per cap. in EUR*										362 ³
Vol per firm in 1000 EUR*										425 ³
Vol per E in 1000 EUR*										82 ³
Vol per Prof in 1000 EUR*										228 ³

¹ Source: Eurostat² Value refers to year 2001³ Value calc. by IHS

Annex C1 GDP per capita in Purchasing Power Standard (PPS)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Belgium	107.2	110.0	113.2	113.0	112.2	110.7	111.0	110.5	109.9	110.5
Denmark	110.4	108.0	113.2	116.6	118.1	119.3	120.0	119.4	118.9	120.4
Germany	106.7	108.8	108.6	110.2	110.0	109.6	107.8	106.1	105.3	104.4
Greece	60.6	62.3	64.2	64.9	65.9	66.7	65.8	66.6	67.2	68.6
Spain	80.9	78.9	79.6	77.9	78.2	79.3	79.8	79.1	80.3	81.0
France	110.3	108.8	107.0	104.8	104.0	101.9	99.2	99.0	99.1	98.7
Ireland	76.8	80.0	83.3	87.9	93.3	94.1	103.6	105.7	112.1	118.9
Italy	105.6	105.1	102.3	103.1	103.4	103.2	102.0	103.4	102.5	101.6
Luxembourg	161.1	163.2	172.2	175.2	170.8	169.3	175.2	178.7	183.3	194.1
Netherlands	104.5	104.2	106.1	106.2	109.2	106.8	112.4	115.2	115.3	116.7
Austria	108.5	108.5	111.7	111.4	110.3	111.6	111.1	109.5	109.7	109.6
Portugal	65.0	65.9	68.4	70.2	70.6	70.6	74.5	72.8	73.8	73.6
Finland	93.7	87.3	91.5	91.4	96.9	95.3	99.3	101.2	100.8	102.9
Sweden	106.4	101.0	100.1	100.5	102.5	101.4	102.2	101.5	101.8	101.9
UK	97.2	98.2	99.3	98.9	96.4	99.1	102.5	103.4	103.9	104.5
EU15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Eurostat

Annex C2 POI – price and output indices¹

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
EU-15					100	100	100	100	100	100
Belgium	106.2	108.7	113.2	114.6	118.3	113.3	109.5	108.3	108.4	107.5
Denmark	136.1	136.9	141.4	144.8	149.5	148.4	145.5	144.9	146.3	146.7
Germany	115.7	120.4	127.2	127.4	130.4	124.0	117.0	115.2	113.2	109.4
Greece	46.1	46.4	47.5	47.5	48.7	50.6	52.5	50.9	52.3	51.8
Spain	73.9	73.9	67.3	64.0	64.5	66.1	64.9	65.8	67.5	68.5
France	109.4	110.3	114.4	113.4	113.5	111.2	107.1	106.7	105.6	103.1
Ireland	70.8	72.6	73.9	76.0	80.0	86.0	99.4	102.8	111.8	121.2
Italy	107.1	104.0	91.9	88.8	82.9	91.4	92.3	91.5	90.4	89.6
Luxembourg	0.0	0.0	0.0	0.0	188.0	184.7	191.2	199.9	202.2	214.4
Netherlands	104.9	105.9	112.3	112.4	116.3	113.0	109.8	110.3	111.1	111.9
Austria	113.2	115.4	122.6	123.1	126.6	122.4	115.9	115.1	114.3	112.0
Portugal	42.5	47.2	45.8	45.3	47.2	48.2	48.8	49.8	51.0	51.1
Finland	128.8	103.4	89.7	97.6	109.7	106.0	108.3	110.3	109.7	112.8
Sweden	0.0	0.0	0.0	0.0	117.8	126.2	122.8	119.0	120.2	123.4
UK	93.8	89.1	87.9	89.0	84.4	86.8	103.0	106.8	109.6	116.1

Source: Eurostat

¹ Constructed as the product of Purchasing Power Parities (PPP) deflators, which remove the effect of price level differences between countries, and GDP per capita in Purchasing Power.

Annex D1 Sources of Estimates for 'Number of Professionals' - Legal Services

country	number	reference year	value given for	sources
AUT	4 592	2001	2000	1) Österreichische Rechtsanwaltskammer (ÖRAK) - member statistic (sent by ÖRAK electronically) 2) Österreichische Notariatskammer (ÖNK) - IHS questionnaire
BEL	14 888	2001	2000	1) Ordre des barreaux francophones et germanophones - telephone 2) Vereniging van Vlaamse Balies - telephone 3) Fédération Royale des Notaires de Belgique - IHS questionnaire
DNK	4 359	unclear 2000 or 2001	2000	1) Det Danske Advokatsamfund - IHS questionnaire
FIN	2 120	2002	2000	1) Suomen Asianajaliitto - website < http://www.asianajaliitto.fi >
FRA	39 940	2000	2001	1) Ministry for Justice - website < http://www.justice.gouv.fr > 2) Conseil National des Barreaux - IHS questionnaire 3) Conseil Supérieur du Notariat Français - IHS questionnaire
GER	105 724	2000	2000	1) Bundesrechtsanwaltskammer (BRAK) - website < http://www.brak.de > (BRAK-member statistic) 2) Bundesnotarkammer - website < www.bnotk.de > (BNK - member statistic)
GRC	~	~	~	~
IRL	7 476	2001	1999	1) Law Society of Ireland - IHS questionnaire 2) Bar Council - website < http://www.lawlibrary.ie >
ITA	139 500	2001	2000	1) Autorità garante della concorrenza e del mercato
LUX	830	2001	2000	1) Ordre des Avocats du Barreau de Luxembourg - IHS questionnaire 2) Chambre des Notaires du Grand-Duché de Luxembourg - telephone
NLD	13 222	2001	1999	1) Nederlandse Orde van Advocaten - IHS questionnaire 2) Koninklijke Notariële Beroepsorganisatie - IHS questionnaire
PRT	~	~	~	~
ESP	105 269	2001	1999	1) Consejo General del Notariado - questionnaire, 2) Consejo General de la Abogacía Española - website < http://www.cgae.es/ > (Censo de Colegiados 2001)
SWE	8 480	2000	2000	1) Sveriges Advokatsamfund - IHS questionnaire 2) IHS calculations
UK	111 772	2001	2000	1) General Council of the Bar - IHS questionnaire 2) Law Society England and Wales - IHS questionnaire 3) Faculty of Advocates of Scotland - telephone 4) Law Society of Scotland - IHS questionnaire 5) General Council of the Bar in Northern Ireland - IHS questionnaire

Annex D2 Sources of Estimates for 'Number of Professionals' - Accountancy Services

country	number	reference year	value given for	sources
AUT	3 068	2000	2000	1) Kammer der Wirtschaftstreuhänder - IHS questionnaire
BEL	~	~	~	~
DNK	5 077	2001	2000	1) Foreningen Registrerede Revisorer (FRR) - IHS questionnaire 2) Foreningen af Statsautoriserede Revisorer (FSR) - IHS questionnaire
FIN	3 126	2001	2000	1) Central Chamber of Commerce of Finland - IHS questionnaire 2) KHT-yhdistys, Föreningen CGR RY, Finnish Institute of Authorised Public Accountants - telephone
FRA	14 800	2002	2000	1) Conseil Supérieur de l'Ordre des Experts-Comptables (Mr. Monnot) - telephone
GER	14 078	2000	2000	1) Wirtschaftsprüferkammer - website < http://www.wpk.de/ > (WPK-member statistic)
GRC	~	~	~	~
IRL	2 696	2001	2000	1) The Institute of Chartered Accountants in Ireland - IHS questionnaire 2) IHS - estimate
ITA	88 421	2001	2000	1) Consiglio Nazionale dei Dottori Commercialisti - IHS questionnaire 2) Consiglio Nazionale dei Ragionieri Commercialisti - IHS questionnaire
LUX	346	2001	2000	1) Ordre des Experts-Comptables - telephone
NLD	6 359	2001	1999	1) Koninklijk Nederlands Instituut van Registeraccountants - website < http://www.nivra.nl/ > (NIVRA - member statistic)
PRT	~	~	~	~
ESP	5 162	1999	2001	1) Instituto de Auditores-Censores Jurados de Cuentas de Espana - telephone
SWE	4 100	2001	2000	1) Revisorsnämnden (RN) - website < http://www.revisorsnamnden.se >
UK	51 675	2001	2000	1) Accountancy Foundation Review Board 2) Institute of Chartered Accountants of England and Wales - website < http://www.icaew.co.uk > (ICAEW - member statistic) 3) The Chartered Institute of Management Accountants - telephone 4) The Chartered Institute of

Annex D3 Sources of Estimates for 'Number of Professionals' - Technical Services

country	number	reference year	value given for	sources
AUT	7 673	2000	2000	1) Bundeskammer der Architekten und Ingenieurkonsulenten - IHS questionnaire 2) Fachverband Technische Büros - Ingenieurbüros - IHS questionnaire
BEL	~	~	~	~
DNK	11 595	2000	2000	1) Danish Association of Consulting Engineers - IHS questionnaire 2) Federation of Danish Architects - IHS questionnaire
FIN	6 500	2001	2000	1) The Finnish Association of Graduate Engineers TEK - telephone 2) Finnish Association of Architects SAFA - telephone
FRA	80 300	2000	2000	1) Conseil national de l'Ordre des architects - IHS questionnaire 2) Consiglio Nazionale degli Architetti, Pianificatori, Paesaggisti e Conservatori - website < http://www.archieuro.archiworld.it/ > 3) Conseil national des ingénieurs et des scientifiques de
GER	130 148	2001	2000	1) Bundesarchitektenkammer - IHS questionnaire 2) Bundesingenieurkammer - IHS questionnaire
GRC	~	~	~	~
IRL	7 189	2001	1999	1) Royal Institute of the Architects of Ireland - IHS questionnaire 2) The Institution of Engineers of Ireland - IHS questionnaire
ITA	131 448	2001	2000	1) Sindacato Nazionale Ingegneri Liberi - Professionisti Italiani - IHS questionnaire 2) 2) Consiglio Nazionale degli Architetti, Pianificatori, Paesaggisti e Conservatori - website < http://www.archieuro.archiworld.it/ >
LUX	789	2001	2000	1) Ordre des Architectes et Ingénieurs Conseils de Luxembourg OAI - IHS questionnaire
NLD	39 000	2001	1999	1) Koninklijk Instituut van Ingenieurs (KIVI) - telephone 2) Royal Institute of Dutch Architects - IHS questionnaire
PRT	~	~	~	~
ESP	48 723	2001	2000	1) Consejo Superior de los Colegios de Arquitectos de España (CSCAE) - IHS questionnaire 2) TECNIBERIA CIVIL - Asociación Española de Empresas Consultoras de Ingeniería Civil - IHS questionnaire
SWE	17 850	2001	2000	1) STD - Swedish Federation of Architects and Consulting Engineers - report
UK	199 039	2000	2000	1) The Engineering Council - report 2) Architects Registration Board - IHS questionnaire

Annex D4 Sources of Estimates for 'Number of Professionals' - Pharmacy Services

country	number	reference year	value given for	sources
AUT	4 581	2001	2000	1) Österreichische Apothekerkammer - IHS questionnaire
BEL	8 000	2001	1999	1) Ordre des Pharmaciens- Conseil National - telephone
DNK	1 008	2001	2000	1) Danish Ministry of the Interior and Health - letter to IHS
FIN	4 200	2002	2000	1) The Finnish Pharmacists' Association - website < http://www.farmasialiitto.fi/sflinenglish.htm >
FRA	57 650	2002	2000	1) Pharmazeutische Zeitung - website < http://www.pharmazeutische-zeitung.de/pza/2002-36/titel.htm >
GER	46 078	2000	1999	1) Bundesvereinigung Deutscher Apothekerverbände (ABDA) - IHS questionnaire
GRC	~	~	~	~
IRL	2 966	1999	1999	1) The Pharmaceutical Society of Ireland - IHS questionnaire
ITA	64 000	2000	2000	1) Federazione Ordini Farmacisti Italiani - IHS questionnaire
LUX	292	1998	2000	1) World Health Organization - Health for all - Database
NLD	2 528	1999	1998	1) World Health Organization - Health for all - Database
PRT	9 498	2001	2000	1) Ordem dos Farmacêuticos - IHS questionnaire
ESP	19 641	2000	2000	1) Consejo General de Colegios Oficiales de Farmaceuticos España - website < http://www.portalfarma.com/home.nsf >
SWE	5 000	2001	2000	1) Sveriges Farmaceutföbund - telephone
UK	31 000	2001	2000	1) Royal Pharmaceutical Society of Great Britain (RPSGB) - IHS questionnaire

Annex E1 Returns of IHS Questionnaires from member states - Summary statistics

Correspondence overview - Summary statistics		PROFESSIONAL SERVICES				other contacts	ALL QUESTIONNAIRES			Nat. Umbrellas + Ministries			national PROF. BODIES			'key' correspondents			'key' and in Case Studies		
		LEGAL	ACCOUNTANCY	TECHNICAL	PHARMACY		number of ALL contacts	number of replies from ALL contacts	Return in % per member state (ALL)	Number of nat. umbr./ministries	Replies from nat. umbr. as / ministries	Return in % per member state	Number of mem. state Prof. Bodies	Replies from mem. State Prof. Bodies	Return in % per member state	Number of contacts designated as 'key'	Replies from contacts designated as 'key'	Return in % per member state	Number 'key'+ case studies (prof. org. only)	Replies 'key'+ case studies (prof. org. only)	Return in % per member state
Country																					
Austria	Number of contacts No. of quest. returned Percentage returned	2 2 100.0	3 1 33.3	4 2 50.0	3 1 33.3		12	6	50.0	4	0	0.0	8	6	75.0	5	5	100.0	1	1	100.0
Belgium	Number of contacts No. of quest. returned Percentage returned	3 2 66.7	3 0 0.0	11 1 9.1	3 2 66.7		20	5	25.0	5	0	0.0	15	5	33.3	8	5	62.5	0	0	
Denmark	Number of contacts No. of quest. returned Percentage returned	2 2 100.0	3 2 66.7	7 4 57.1	5 3 60.0		17	11	64.7	9	4	44.4	8	7	87.5	7	7	100.0	1	1	100.0
Finland	Number of contacts No. of quest. returned Percentage returned	1 1 100.0	2 1 50.0	5 2 40.0	8 2 25.0		16	6	37.5	6	1	16.7	10	5	50.0	5	3	60.0	2	0	0.0
France	Number of contacts No. of quest. returned Percentage returned	8 2 25.0	3 1 33.3	6 2 33.3	9 0 0.0		26	5	19.2	5	1	20.0	21	4	19.0	6	4	66.7	5	4	80.0
Germany	Number of contacts No. of quest. returned Percentage returned	5 4 80.0	5 5 100.0	12 2 16.7	3 1 33.3	1 1	26	13	50.0	6	1	16.7	20	12	60.0	7	7	100.0	4	4	100.0
Greece	Number of contacts No. of quest. returned Percentage returned	2 1 50.0	2 1 50.0	5 1 20.0	2 1 50.0		11	4	36.4	7	1	14.3	4	3	75.0	6	3	50.0	0	0	
Ireland	Number of contacts No. of quest. returned Percentage returned	3 1 33.3	3 0 0.0	7 3 42.9	3 1 33.3		16	5	31.3	5	0	0.0	11	5	45.5	8	5	62.5	1	1	100.0
Italy	Number of contacts No. of quest. returned Percentage returned	5 1 20.0	3 2 66.7	6 4 66.7	5 3 60.0		19	10	52.6	7	1	14.3	12	9	75.0	9	7	77.8	5	3	60.0
Luxembourg	Number of contacts No. of quest. returned Percentage returned	3 1 33.3	2 1 50.0	4 2 50.0	2 0 0.0		11	4	36.4	3	0	0.0	8	4	50.0	7	4	57.1	0	0	
Netherlands	Number of contacts No. of quest. returned Percentage returned	2 2 100.0	3 0 0.0	7 2 28.6	4 2 50.0		16	6	37.5	6	1	16.7	10	5	50.0	7	5	71.4	2	0	0.0
Portugal	Number of contacts No. of quest. returned Percentage returned	3 0 0.0	1 1 100.0	5 1 20.0	10 1 10.0		19	3	15.8	5	0	0.0	14	3	21.4	6	3	50.0	1	1	100.0
Spain	Number of contacts No. of quest. returned Percentage returned	2 1 50.0	2 2 100.0	6 3 33.3	3 0 0.0		13	5	38.5	5	0	0.0	8	5	62.5	7	5	71.4	2	2	100.0
Sweden	Number of contacts No. of quest. returned Percentage returned	1 1 100.0	3 0 0.0	7 2 28.6	5 2 40.0		16	5	31.3	4	1	25.0	12	4	33.3	5	3	60.0	1	1	100.0
U.K. Eng/Wal.	Number of contacts No. of quest. returned Percentage returned	4 3 75.0	7 5 71.4	17 6 35.3	4 1 25.0		32	15	46.9	6	0	0.0	26	15	57.7	12	12	100.0	3	3	100.0
U.K. Scotland	Number of contacts No. of quest. returned Percentage returned	3 2 66.7	2 0 0.0	8 1 12.5	2 0 0.0		15	3	20.0	0	0	0.0	15	3	20.0	3	3	100.0	2	2	100.0
U.K. NI	Number of contacts No. of quest. returned Percentage returned	2 2 100.0	1 0 0.0	3 0 0.0	1 0 0.0		7	2	28.6	0	0	0.0	7	2	28.6	2	2	100.0	2	2	100.0
summary statistics	Number of contacts No. of quest. returned Percentage returned	54 28 51.9	49 22 44.9	125 37 29.6	82 20 24.4		292	108	37.0	83	11	13.3	209	97	46.4	110	83	75.5	32	25	78.1
European umbrellas	Number of contacts No. of quest. returned Percentage returned	3 0 0.0	5 0 0.0	5 1 20.0	0 0 0.0		13	1	7.7												

NOTE: Shaded fields denote Case Studies

Annex E2 Synopsis of IHS Questionnaire returns from professional bodies - for Case Study countries/professions¹

Pro- fession- al field	Country	Contacts	re- plied	part 1	part 2	part 3		
						number of mem- bers or profs.	Other data	All data
Legal Services	Denmark	Det Danske Advokatsamfund	✓	✓	✓	✓	✓	
	Germany	Bundesrechtsanwaltskammer	✓	✓	✓	✓	✓	✓
		Deutscher Anwaltverein e. V.	✓	✓	✓	✓		
		Bundesnotarkammer	✓	✓	✓	✓		
		Deutscher Notarverein						
		Landesnotarkammer Bayern	✓	✓	✓	✓	✓	
	U.K. England/Wales	General Council of the Bar	✓	✓	✓	✓		
		The Law Society	✓	✓		✓	✓	✓
		The Faculty Office of the Archbishop of Canterbury	✓	✓	✓	✓		
	U.K. Scotland	Scrivener's Company (London Notaries)						
		Faculty of Advocates	✓	✓	✓	✓	✓	
		The Law Society of Scotland	✓	✓	✓	✓	✓	
	U.K. North. Ireland	Society of Solicitor Advocates						
		General Council of the Bar of Northern Ireland	✓	✓	✓	✓	✓	
	Italy	Law Society of Northern Ireland	✓	✓	✓	✓	✓	✓
		Consiglio Nazionale Forense						
		Consiglio dell'Ordine degli Avvocati e Procuratori di Roma						
		Consiglio dell'Ordine degli Avvocati e Procuratori di Milano						
		Consiglio Dell'Ordine degli Avvocati e Procuratori di Napoli						
	France	Consiglio Nazionale del Notariato	✓	✓	✓	✓	✓	✓
		Barreau de Paris						
		Conférence des Batonniers						
		Association française des Avocats Conseils d'Entreprise						
Confederation Nationale des Avocats								
Fédération Nationale des Unions de Jeunes Avocats								
Syndicat des Avocats de France								
Account- ancy	Netherlands	Conseil National des Barreaux	✓	✓	✓	✓	✓	
		Conseil Supérieur du Notariat Français	✓	✓	✓	✓	✓	✓
		Koninklijk Nederlands Instituut van Registeraccountants						
	Germany	De Nederlandse Orde van Belastingadviseurs						
		De Nederlandse Federatie van Belastingadviseurs						
		Wirtschaftsprüferkammer	✓	✓	✓	✓	✓	
		Institut der Wirtschaftsprüfer in Deutschland	✓	✓	✓	✓	✓	
		Bundesverband Deutscher Unternehmensberater BDU e.V.	✓	✓	✓	✓	✓	
		Bundessteuerberaterkammer	✓	✓	✓	✓	✓	✓
	France	Der Deutsche Steuerberaterverband	✓	✓	✓	✓	✓	
		Conseil Supérieur de l'Ordre des Experts-Comptables	✓	✓	✓	✓	✓	✓
		Institut Français des Experts Comptables (IFEC)						
	Italy	La Compagnie Nationale des Commissaires aux Comptes						
		Consiglio Nazionale dei Dottori Commercialisti	✓	✓	✓	✓	✓	
Consiglio Nazionale dei Ragionieri Commercialisti ed Economisti d'impresa		✓	✓	✓	✓			
Associazione Nazionale Tributaristi Italiani								

¹ Parts of Questionnaire: Part 1- current regulations; Part 2 – recent changes in regulation; Part 3 – structure data etc.

Annex E2 (cont'd) Synopsis of IHS Questionnaire returns from professional bodies - for Case Study countries/professions ²

Pro- fession- al field	Country	Contacts	re- plied	part 1	part 2	part 3		
						number of mem- bers or profs.	Other data	All data
Technical services	Austria	Bundeskammer der Architekten und Ingenieurkonsulenten	✓	✓	✓	✓		
		Fachverband Technische Büros - Ingenieurbüros	✓	✓	✓	✓		
		Verband Österreichischer Ingenieure						
		Österreichischer Ingenieur- und Architekten-Verein						
	Spain	Consejo Superior de los Colegios de Arquitectos de España CSCAE	✓	✓	✓	✓		
		Asociación Española de Consultores en Ingeniería y Organización						
		Colegio de Ingenieros de Caminos, Canales y Puertos						
		TECNIBERIA CIVIL - Asoc. Espanola de Empresas Consultadoras de Ingeniería Civil	✓	✓	✓	✓	✓	✓
		Instituto de la Ingeniería de España						
	Finland	Finnish Association of Architects SAFA						
		Finnish Association of Consulting Firms	✓	✓	✓	✓*	✓	
		The Finnish Association of Graduate Engineers TEK	✓	✓				
		The Association of Finnish Civil Engineers						
	France	Conseil national de l'Ordre des architectes	✓	✓	✓	✓		
		Union Nationale des Syndicats Français d'Architectes UNSFA						
		Chambre des Ingénieurs-Conseils de France						
		Syntec-Ingénierie						
		Conseil national des ingénieurs et des scientifiques de France						
Ordre des géomètres-experts - Secrétaire Général		✓	✓	✓	✓	✓		
Pharma-cies	Germany	ABDA, Bundesvereinigung Deutscher Apothekerverbände	✓	✓	✓	✓	✓	✓
		Apoteket AB						
	Sweden	Sveriges Farmaceutförbund	✓	✓		✓	✓	
		Socialstyrelsen - National Board of Health and Welfare (Leif Gudmundson)	✓	✓	✓			
		Ministry of Health and Social Affairs (Mr Lars Hedengran)						
	Ireland	The Pharmaceutical Society of Ireland	✓	✓	✓	✓	✓	
		Hospital Pharmacists Association - Ireland						
		Irish Pharmaceutical Union						
	Portugal	Associação Nacional das Farmácias						
		Sindicato Nacional dos Farmacêuticos						
		Ordem dos Farmacêuticos	✓	✓	✓	✓		
Associação dos Farmacêuticos Católicos								
Associação Portuguesa dos Farmacêuticos Hospitalares - APFH								
Associação Portuguesa dos Jovens Farmacêuticos - APJF								
Instituto Nacional da Farmacia e do Medicamento								

* members are industrial firms (not individuals)

² Parts of Questionnaire: Part 1- current regulations; Part 2 – recent changes in regulation; Part 3 – structure data etc.

Annex E3 - IHS Questionnaire

Survey Questionnaire “Professional Services”

These data sheets may be filled in ‘electronically’. For this purpose two types of grey input-boxes are provided:

- square click-boxes (). Click as appropriate to reply “yes” or “no” to questions.
- rectangular text-boxes (). Fill in if question elicits a response of a number, a name or a few words or sentences. The size of the box depends on the amount of text-input.

Part I. INFORMATION ON PROFESSIONAL REGULATIONS

1. General Information

1.1. Professional Field

(please choose)

Accountancy Services	<input type="checkbox"/>
Legal Services	<input type="checkbox"/>
Architectural Services	<input type="checkbox"/>
Engineering Services	<input type="checkbox"/>
Pharmacists	<input type="checkbox"/>

1.2. Name of Profession

(please fill in)

Official Name:	<input type="text"/>
English Name (where appropriate)	<input type="text"/>

1.3. This Data Sheet was filled in by ...

Name:	<input type="text"/>
Organisation and Position:	<input type="text"/>
Postal Address	
Street name and No.:	<input type="text"/>
City and Postal Code:	<input type="text"/>
Country:	<input type="text"/>
E-Mail Address:	<input type="text"/>
Tel. Nr.:	<input type="text"/>
Fax. Nr.:	<input type="text"/>

2. Organisational Characteristics of the Profession

2.1. The following is true for the main organisational structure of the profession...(see Note 1)

(please choose one)

Licensing and compulsory membership in a professional association	<input type="checkbox"/>
Licensing without compulsory membership in a professional association.	<input type="checkbox"/>
No compulsory licensing and voluntary membership in a professional association (=certification).	<input type="checkbox"/>
No compulsory licensing nor voluntary membership in a professional association (=certification).	<input type="checkbox"/>

2.2. Regulations are created ...

(please choose one)

exclusively by public authorities	<input type="checkbox"/>
exclusively by the responsible professional association	<input type="checkbox"/>
by public authorities and by the professional association	<input type="checkbox"/>

2.3. The implementation of the regulations is organised and controlled...

exclusively by public authorities	<input type="checkbox"/>
exclusively by the responsible professional association	<input type="checkbox"/>
by public authorities and by the professional association	<input type="checkbox"/>

2.4. Disciplinary sanctions for failure to respect these regulations are decided...

exclusively by public authorities	<input type="checkbox"/>
exclusively by the responsible professional association	<input type="checkbox"/>
by public authorities and by the professional association	<input type="checkbox"/>
there are no such sanctions	<input type="checkbox"/>

3. Market Entry Regulations

	Yes	No
3.1. Are there specific regulations on access to the profession / gaining a professional title?	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No
3.2. Are there specific regulations on access to the professional market / tasks or services offered exclusively by licensed professionals	<input type="checkbox"/>	<input type="checkbox"/>

if "no" go to question 3.4.

3.3. a. Please list (up to ten) services that your profession has a **exclusive** right to offer.

Type of exclusive service

1.	<input type="text"/>
2.	<input type="text"/>
3.	<input type="text"/>
4.	<input type="text"/>
5.	<input type="text"/>
6.	<input type="text"/>
7.	<input type="text"/>
8.	<input type="text"/>
9.	<input type="text"/>
10.	<input type="text"/>

3.3. b. Please list (up to ten) services that **your profession and other professions** have the right to provide, and name these other professions.

Type of service		This type of service may also be offered by (please fill in name of profession/s)	
1.	<input type="text"/>	1.	<input type="text"/>
2.	<input type="text"/>	2.	<input type="text"/>
3.	<input type="text"/>	3.	<input type="text"/>
4.	<input type="text"/>	4.	<input type="text"/>
5.	<input type="text"/>	5.	<input type="text"/>
6.	<input type="text"/>	6.	<input type="text"/>
7.	<input type="text"/>	7.	<input type="text"/>
8.	<input type="text"/>	8.	<input type="text"/>
9.	<input type="text"/>	9.	<input type="text"/>
10.	<input type="text"/>	10.	<input type="text"/>

	Yes	No
3.4. Is a University Degree a necessary precondition to enter the profession?	<input type="checkbox"/>	<input type="checkbox"/>
if "yes", which degree and what is the minimum duration of study:		
<input type="text"/>	name of degree	
<input type="text"/>	years (please give exact information)	

	Yes	No
3.5. Is there any other higher education qualification enabling application for entrance to the profession?	<input type="checkbox"/>	<input type="checkbox"/>
if "yes", of what duration:		
<input type="text"/>	name of qualification	
<input type="text"/>	years (please give exact information)	

	Yes	No
3.6. Are there requirements in regard of relevant practice in order to become a full member of the profession?	<input type="checkbox"/>	<input type="checkbox"/>
if "yes", of what duration:		
<input type="text"/>	years (please give exact information)	

	Yes	No
3.7. Does there exist a requirement to pass one or more special professional exams in order to become a full member of the profession and offer services that are restricted to the profession?	<input type="checkbox"/>	<input type="checkbox"/>
if "yes", how many?		
<input type="text"/>	(please fill in the number and names)	

	Yes	No
3.8. Is compulsory membership in a professional association required in order to become a full member of the profession and offer services that are restricted to the profession?	<input type="checkbox"/>	<input type="checkbox"/>
if "yes": are there more than one such professional organisations for this profession?		
<input type="text"/>	if "yes", how many?	
<input type="text"/>	(please fill in the number and names)	

	Yes	No
3.9. Is the establishment of a business in the profession restricted to specific forms of business (such as limited liability partnerships or public companies)?	<input type="checkbox"/>	<input type="checkbox"/>
if "yes": please click on the kinds of business structures which are not permitted:		
Sole practitioners	<input type="checkbox"/>	
Limited Liability Partnerships	<input type="checkbox"/>	
Public limited companies	<input type="checkbox"/>	
Private company	<input type="checkbox"/>	
Other, (<i>please name</i>)		<input type="text"/>

	Yes	No
3.10. Is the establishment of a business in the profession restricted by quotas/economic needs tests? (<i>see Note 2</i>)	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No
3.11. Are there regulations on compulsory professional indemnity insurance?	<input type="checkbox"/>	<input type="checkbox"/>
if "yes": what is the minimum amount for which professionals must be insured (<i>please fill in EUR</i>)		
per case		<input type="text"/>
per business		<input type="text"/>

4. Regulations on market behaviour

	Yes	No
4.1. Are there special regulations for the fees/prices for services the profession is offering?	<input type="checkbox"/>	<input type="checkbox"/>
if "no" go to question 4.3.		

4.2. Of what kind are these regulations? (please choose one)

binding minimum prices for all kinds of services	<input type="checkbox"/>
binding maximum prices for all kinds of services	<input type="checkbox"/>
binding minimum prices for some kinds of services	<input type="checkbox"/>
binding maximum prices for some kinds of services	<input type="checkbox"/>
non-binding recommended prices for all kinds of services	<input type="checkbox"/>
non-binding recommended prices for some kinds of services	<input type="checkbox"/>
other, (<i>please describe</i>):	
<input type="text"/>	

	Yes	No
4.2. a. Are these prices/recommendations always respected in practice?	<input type="checkbox"/>	<input type="checkbox"/>
	Higher	Lower
If "no", are real prices higher or lower, on average?	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No
4.2. b. Are there any restrictions on particular pricing arrangements (e.g. contingency fees)?	<input type="checkbox"/>	<input type="checkbox"/>
If "yes", please specify:		
<input type="text"/>		

	Yes	No
4.3. Are there special regulations on advertising and marketing?	<input type="checkbox"/>	<input type="checkbox"/>
if "no" go to question 4.5.		

4.4. Of what kind are these regulations?

all forms of advertising are strictly forbidden,	<input type="checkbox"/>
most forms of advertising are forbidden	<input type="checkbox"/>
some forms of advertising are forbidden, these being:	<input type="checkbox"/>
direct mailing	<input type="checkbox"/>
price advertising (general)	<input type="checkbox"/>
comparative price advertising	<input type="checkbox"/>
other (<i>please fill in</i>):	
1. <input type="text"/>	
2. <input type="text"/>	
3. <input type="text"/>	

	Yes	No
4.5. Are there special regulations on location and diversification?	<input type="checkbox"/>	<input type="checkbox"/>
if "no" go to question 4.7.		

4.6. Of what kind are these regulations?

geographical restrictions on offering services	<input type="checkbox"/>
restrictions on establishing branch offices	<input type="checkbox"/>
other, (<i>please describe</i>):	
<input type="text"/>	

	Yes	No
4.7. Are there special regulations on interprofessional co-operation?	<input type="checkbox"/>	<input type="checkbox"/>
if "no" go to question 4.9.		

4.8. Of what kind are these regulations?

interprofessional co-operation of any form is generally forbidden.	<input type="checkbox"/>
interprofessional co-operation only in the form of incorporation is generally forbidden.	<input type="checkbox"/>
interprofessional co-operation only with some comparable licensed professions is allowed in various commercial forms (incl. incorporation).	<input type="checkbox"/>
interprofessional co-operation in the form of incorporation is allowed only with comparable licensed professions, incorporation is forbidden.	<input type="checkbox"/>
If other circumstances pertain, please describe briefly:	
<input type="text"/>	

	Yes	No
4.9. Is continuing education an obligation to the members of the profession?	<input type="checkbox"/>	<input type="checkbox"/>
if "yes": To what extent and how is the continuing education organised and controlled?		
Please describe briefly:		
<input type="text"/>		

	Yes	No
4.10. Are there any regulations on specialisation in the profession (<i>for example see Note 3</i>)	<input type="checkbox"/>	<input type="checkbox"/>
if "yes": how is specialisation organised?; is there a right to a title for this specialisation?; may this specialisation be advertised?		
Please describe briefly:		
<input type="text"/>		

5. Other Instruments for Quality Control

	Yes	No
5.1. Do there exist special information or benchmarking systems for the profession, where information about the quality of services of individual firms is given?	<input type="checkbox"/>	<input type="checkbox"/>

if "yes": please describe briefly and give a short overview of the experience with these instruments:

	Yes	No
5.2. Are there any special (voluntary) certification systems, which coexist alongside the traditional licensing or certification model (see Note 4)	<input type="checkbox"/>	<input type="checkbox"/>

if "yes": please describe briefly and give a short overview of the experience with these instruments:

	Yes	No
5.3. Does there exist any other special instrument of quality control not mentioned in the data sheet so far?	<input type="checkbox"/>	<input type="checkbox"/>

if "yes": please describe briefly and give a short overview of the experience with these instruments:

Thank you for completing this part of the questionnaire. Now please turn to Part II.

Part II. Background to the Regulatory Framework

6. Changes, Reforms and Innovations in Regulations

Please give a brief outline of areas in which regulation of the profession has been changed in the past 10 years. If you wish to include a longer exposition, reports, or study results (e.g. Regulatory Impact Analysis), please indicate this.

	Area of Regulation	Change in Regulation (and Date of Implementation)	Purpose of and Advantages / Disadvantages associated with this change
1.	<input type="text"/>	<input type="text"/>	<input type="text"/>
2.	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.	<input type="text"/>	<input type="text"/>	<input type="text"/>
Further:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Further:	<input type="text"/>	<input type="text"/>	<input type="text"/>

7. Regulations currently being reviewed

Please give a brief outline of areas in which regulation of the profession is currently being discussed. If you wish to include a longer exposition, reports, or study results, please indicate this.

	Area of Regulation	Change in Regulation under Discussion (proposed by Profession?, Government?)	Proposed Purpose of and Benefits claimed for this change / Arguments against change
1.	<input type="text"/>	<input type="text"/>	<input type="text"/>
2.	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.	<input type="text"/>	<input type="text"/>	<input type="text"/>
Further:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Further:	<input type="text"/>	<input type="text"/>	<input type="text"/>

8. Reasons for Regulation/Liberalisation

You may be aware that regulations on your profession vary, sometimes greatly between EU countries. If you have any knowledge of the regulatory systems of other countries, please fill out the table below. Please give brief details of areas in which the profession is known to be differently regulated, or liberalized, (in comparison to the regulatory system elsewhere), along with a synopsis of the reasons for adopting this position. If you wish to include a longer exposition, reports, or study results, please indicate this.

	Area of Regulation/Liberalisation	Reasons for Regulation	OR: Reasons for Liberalisation
1.	<input type="text"/>	<input type="text"/>	<input type="text"/>
2.	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.	<input type="text"/>	<input type="text"/>	<input type="text"/>
Further:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Further:	<input type="text"/>	<input type="text"/>	<input type="text"/>

Thank you for completing this part of the questionnaire. Now please turn to Part III.

Part III. Structure and Dynamics of the Profession

9. Data Source-Year

In this section data is requested for the years 1990, 1995 and 2001. If some data for 2001 is not yet available, please give all data for 2000 and click here accordingly:

Most recent data is for:

<input type="checkbox"/>	2000 (please click if appropriate)
<input type="checkbox"/>	2001 (please click if appropriate)

If you are NOT representing a professional body, please proceed to question 12 in this section (questions concerning the profession as a whole).

10. Membership of the Professional Body

Please state, if known

	Total no. of members		
	1990	1995	2000/01
Total Membership of your Professional Body	<input type="text"/>	<input type="text"/>	<input type="text"/>
By membership category (name as appropriate)			
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

11. Stages in Access to the Profession

Please fill in the number of ...

	Total no.		
	1990	1995	2000/01
newly admitted profession members in year...	<input type="text"/>	<input type="text"/>	<input type="text"/>
professional trainees (in all stages of pre- Qualification)	<input type="text"/>	<input type="text"/>	<input type="text"/>
trainees passing Final Qualifying Examinations in year...	<input type="text"/>	<input type="text"/>	<input type="text"/>
trainees taking Final Qualifying Examinations in year...	<input type="text"/>	<input type="text"/>	<input type="text"/>
new trainee entrants in year ...	<input type="text"/>	<input type="text"/>	<input type="text"/>
graduates from relevant disciplines, if known (e.g. law faculties)	<input type="text"/>	<input type="text"/>	<input type="text"/>

12. Questions about the Profession as a whole (see Note 5)

12.1. Country of reference: Country or Jurisdiction (see Note 6)

Please answer all the following questions with concrete data, or, if this is not available, with an estimate!

12.2. Professionals

	1990	1995	2000/01
	Total no.		
Total no. of professionals (regardless of professional affiliation) practicing in your country	<input type="text"/>	<input type="text"/>	<input type="text"/>
	%		
Percentage of above, self-employed	<input type="text"/>	<input type="text"/>	<input type="text"/>
Percentage of above, non-self-employed	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Total no.		
No. of professionals with professional affiliation in your country practicing abroad	<input type="text"/>	<input type="text"/>	<input type="text"/>
No. of professionals with professional affiliation in your country practicing in rest of EU or EU candidate countries	<input type="text"/>	<input type="text"/>	<input type="text"/>
No. of professionals with professional affiliation in your country practicing in other (non EU/Candidate) countries	<input type="text"/>	<input type="text"/>	<input type="text"/>

12.3. Total Employment (Professionals and Non-professionals) in your country

	1990	1995	2000/01
	Total no.		
Professionals and Non-professionals (see Note 7)	<input type="text"/>	<input type="text"/>	<input type="text"/>
	%		
Percentage of above, full-time employment	<input type="text"/>	<input type="text"/>	<input type="text"/>
Percentage of above, part-time employment	<input type="text"/>	<input type="text"/>	<input type="text"/>

12.4. Firms Practicing the Profession in your country (see Note 8)

	1990	1995	2000/01
	Total no.		
Firms in your country	<input type="text"/>	<input type="text"/>	<input type="text"/>
	%		
Percentage of above, non-incorporated status	<input type="text"/>	<input type="text"/>	<input type="text"/>
Percentage of above, incorporated status	<input type="text"/>	<input type="text"/>	<input type="text"/>

12.4.1. Size of Firms (in terms of Professionals)

	1990	1995	2000/01
Percentage of Firms with...	%		
1 Qualified Professional	<input type="text"/>	<input type="text"/>	<input type="text"/>
2 Qualified Professionals	<input type="text"/>	<input type="text"/>	<input type="text"/>
3-5 Qualified Professionals	<input type="text"/>	<input type="text"/>	<input type="text"/>
5-30 Qualified Professionals	<input type="text"/>	<input type="text"/>	<input type="text"/>
more than 30 Qualified Professionals	<input type="text"/>	<input type="text"/>	<input type="text"/>

12.4.2. Size of Firms (in terms of Non-professional Employees)

	1990	1995	2000/01
Percentage of Firms with...	%		
0 Employees	<input type="text"/>	<input type="text"/>	<input type="text"/>
1-2 Employee	<input type="text"/>	<input type="text"/>	<input type="text"/>
3-10 Employees	<input type="text"/>	<input type="text"/>	<input type="text"/>
10-50 Employees	<input type="text"/>	<input type="text"/>	<input type="text"/>
more than 50 Employees	<input type="text"/>	<input type="text"/>	<input type="text"/>

12.4.3 Size of Firms (locational). (see Note 9)

	1990	1995	2000/01
Percentage of Firms with...	%		
1 Office	<input type="text"/>	<input type="text"/>	<input type="text"/>
2-5 Offices	<input type="text"/>	<input type="text"/>	<input type="text"/>
5-20 Offices	<input type="text"/>	<input type="text"/>	<input type="text"/>
20-50 Offices	<input type="text"/>	<input type="text"/>	<input type="text"/>
more than 50 Offices	<input type="text"/>	<input type="text"/>	<input type="text"/>

12.5. Firms with head office in your country: Cross-Border Activity

	1990	1995	2000/01
Firms with offices outwith your country in...	Total no.		
All countries	<input type="text"/>	<input type="text"/>	<input type="text"/>
rest of EU or EU Candidate countries	<input type="text"/>	<input type="text"/>	<input type="text"/>
other countries	<input type="text"/>	<input type="text"/>	<input type="text"/>

12.5.1. Firms with head office in other countries: country of origin (EU or non-EU) with largest number of offices registered in your country (in descending order).

	Name of the country	
Country with largest no. of offices	<input type="text"/>	<input type="text"/>
Country with second largest no. of offices	<input type="text"/>	<input type="text"/>
Country with third largest no. of offices	<input type="text"/>	<input type="text"/>

12.6. Output of the Profession

12.6.1. Please indicate the branch represented by your profession (see Note 10)

Branch (Please give name)	<input type="text"/>
---------------------------	----------------------

12.6.2. Please indicate currency used for economic data in the questions below:

	1990	1995	2000/01
Currency (see Note 11)	<input type="text"/>	<input type="text"/>	<input type="text"/>

12.6.3. Turnover

	1990	1995	2000/01
Turnover before tax of branch in...			
own country	<input type="text"/>	<input type="text"/>	<input type="text"/>
All countries abroad	<input type="text"/>	<input type="text"/>	<input type="text"/>
Rest of EU and EU Candidate countries	<input type="text"/>	<input type="text"/>	<input type="text"/>
other countries	<input type="text"/>	<input type="text"/>	<input type="text"/>

12.7. Concentration of the Branch (see Note 12)

	1990	1995	2000/01
	%		
Market Share of the 5 (five) largest firms	<input type="text"/>	<input type="text"/>	<input type="text"/>
Market Share of top 10% largest firms	<input type="text"/>	<input type="text"/>	<input type="text"/>
Market Share of top 30% largest firms	<input type="text"/>	<input type="text"/>	<input type="text"/>

12.8. Cost Structure of Firms

(Please enter best estimates)

	1990	1995	2000/01
	%		
The 'median firm' has costs broken down into...			
Remuneration of Professionals	<input type="text"/>	<input type="text"/>	<input type="text"/>
other Salaries and Wages	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cover for Professional Insurance and Risk	<input type="text"/>	<input type="text"/>	<input type="text"/>
Investment in office premises	<input type="text"/>	<input type="text"/>	<input type="text"/>
Investment in technology (Computers)	<input type="text"/>	<input type="text"/>	<input type="text"/>
on-going professional education (courses)	<input type="text"/>	<input type="text"/>	<input type="text"/>
other costs	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sum of above	100%	100%	100%

Thank you for completing these questions. Please send questionnaire when completed to:

'Electronic' version (preferred):	graf@ihs.ac.at
Hardcopy versions:	Institute for Advanced Studies Department of Economics and Finance 'SURVEY OF PROFESSIONAL SERVICES' (Iain Paterson) Stumpergasse 56 A-1060 Vienna Fax: ++43 - 1 - 599 91 - 555

Notes supplementary to the Survey Questionnaire

Note 1: Professional Institutional Model

„*Licensing*“ stands for cases where there is a requirement for official/legal permission to offer specific services on the market. Such licensing is typically carried out by public authorities and/or the responsible professional association. In this model only the service providers licensed in this way are allowed to use a specific professional title.

„*Certification*“ stands for cases where there is no requirement for licensing in order to offer specific services on the market, but usually where (some/not all) service providers are organized in one or more professional bodies and for this certification have to fulfil certain quality (e.g. educational) requirements. Usually only the service providers certified in this way are allowed to use a specific professional title.

Note 2: Quota Restrictions

In general terms this question deals with quantitative limits on the number of people who may enter the profession / offer the respective professional services. Such limits may be related to economic needs tests or other types of proviso.

Note 3: Specialisation

Specialisation may take different forms. A lawyer may, for example, acquire specific skills and some kind of additional certification (see note 1) in the field of marriage law. In this context “specialisation” means that the respective member of the profession not only has the advantage of acquiring specific skills but that this specialisation is recognised by some kind of institutionalised certification. This may take place within the traditional licensing or certification model adopted by the profession, or as a separately organised grouping.

Note 4: Additional Certification

For the term “certification” see note 1. This question deals with special voluntary certification that, for example, may exist in the context of further specialisation (see note 3) or international co-operation (e.g. lawyers in different countries specialising in European Community Law and setting explicit quality standards for the co-operating members).

Note 5: Questions about the Profession as a whole

Membership of a Professional Body may not necessarily extend to include all professionals in your field. Nevertheless in this section information regarding your knowledge about the profession *as a whole* is sought. Please answer with concrete data, or, where this is not available, with an estimate based on your knowledge of the profession. If you wish to draw attention explicitly to the fact that an entry to a question is an estimate, you may choose to enclose the estimate in brackets.

Note 6: Country of reference

Unless otherwise indicated questions refer to the professionals and firms in the country of your own professional body. In many cases this will be identical with your EU member state. Other cases included are, for example, England and Wales, Scotland, where this is appropriate for your profession.

Note 7: non-professional Employees

In this question ‘employees’ refers always to non-professional employees: non-self-employed professionals are thus not to be included.

Note 8: Firms

This includes all firms whose primary business involves practicing the profession e.g. accountancy firms, firms offering accountancy and legal services, but not an industrial firm employing some professional accountants.

Note 9: Office Locations

Location here refers access by clients/consumers. Different offices (branch offices) in the same town or city are also different locations.

Note 10: Branch

Branch refers to the economic sector activity relevant to your professional body. This may be different in different member states. For example, in some countries Notaries will be a separate branch, in others it will possibly be included under 'Lawyers'. Please name the relevant branch for your profession.

Note 11: Currency

Please indicate as appropriate e.g. BEF, DEM, GBP, EUR etc.

Note 12: Concentration

'Market Share' refers to the percentage of total branch turnover. 'Largest' firms are those with highest turnover before tax.

ON FILLING OUT THIS DOCUMENT ELECTRONICALLY IT MAY INCREASE IN LENGTH AND LOSE ITS ORIGINAL 'SHAPE'. *THIS IS NOT IMPORTANT: JUST SEND THE FILLED-IN VERSION WITHOUT REGARD TO APPEARANCE..*

Thank you for completing these questions. Please send questionnaire when completed to:

'Electronic' version (preferred):	graf@ihs.ac.at
Hardcopy versions:	Institute for Advanced Studies Department of Economics and Finance 'SURVEY OF PROFESSIONAL SERVICES' (Iain Paterson) Stumpergasse 56 A-1060 Vienna Fax: ++43 - 1 - 599 91 - 555

Authors: Iain Paterson, Marcel Fink, Anthony Ogus

Section co-authors: Case studies (Germany, France): Joachim Merz, Felix Fink; Helmut Berrer

Title: Economic impact of regulation in the field of liberal professions in different Member States

Research Report

© 2003 Institute for Advanced Studies (IHS),

Stumpergasse 56, A-1060 Vienna • ☎ +43 1 59991-0 • Fax +43 1 59991-555 • <http://www.ihs.ac.at>
