

TABLE II: HOSPITAL DISCHARGE RATE

DISEASE: ACUTE MYOCARDIAL INFARCTION (ICD-9 410)

COUNTRY	Estimated coverage		Estimated % of discharges	ICD version		1 st year of applic. of ICD X	Comp./last year av.	In-hosp. case fat.	Aggr bed-day rate	Mean length of stay	Median length of stay	Age-Std values	Instit. resp.of data collection	Access data
	all hosp.	sample (%)		9	10									
Austria	√		84%		√	1996	2001	√	√	√	√	-	Statistik Austria	Nat. Inst. of Stat.
Belgium	√			√		1998	2003	√	√	√	√	-	Min. of Health/Hosp dep.	Min. of Health
Czech Republic	√		100%		√	1996	2003	√	√	√	√	-	NIWH	Inst. of Health Inf. and Statistics of CR
Denmark	√		100%		√	1994	2004	√	√	√	√	√	Nat. Board of Health	NIPH; Nat. Inst. Stat.; Nat. Board of Health
Finland	√		100%		√	1996	2003	√	√	√	√	√	NIWH	NIPH
France	√			√	√	1997	2003	√	√	√	√	-	ATIH	Min. of Health
Germany	√		99%		√	2000	2003	√	√	√	√	-	Inst. of Stat. of German Countries	Nat. Inst. of Statistics
Greece		15%		√		NA	1999	√	√	√	√	-	Nat. Inst. of Statistics	Nat. Inst. of Statistics
Hungary	√				√	1996	2003	√	√	√	√	-	Centre for Healthcare Information	Centre for Healthcare Information
Iceland				√			1994	√	√	√	NA	√		MONICA
Italy	√			√		NA	2003	√	-	-	-		Ministry of Health/ISTAT	Min of Health; N. Inst. of Stat.
The Netherlands	√		90%	√		NA	2004	√	√	√	√	-	Prismant	Prismant
Norway	√				√	1999	2003	√if req.	√if req.	√if request.		-	Stat. Norway/SINTEF Helse	N. Inst. of Stat./HDR
Poland		85%	90%		√	2002	2002	-	-	-	-	-	N. Inst.of Hygene	N. Inst. of Hygene
Portugal	√(excl psych)		100%	√		NA	2003	√	√	√	√	√	IGIF	Min of Health; N.Inst. of Stat.; IGIF
Spain				√		NA	2002	√	√	√	√	-		N. I. Stat.; R.D. H
Sweden	√		100%		√	1997	2003	√	√	√	√	-	NBHW	NBHW
UK					√		2004	√	√	√	√	√		Dep. of Health

IGIF, Instituto de Gestao Informatica e Financeira; NBHW, National Board of Health and Welfare; NIPH, National Institute of Public Health; NIWH, National Institute of Welfare and Health;

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Data refer to year 2004

TABLE II: HOSPITAL DISCHARGE RATE

DISEASE: ACUTE CORONARY SYNDROMES (ICD-9 410-411)

COUNTRY	Estimated coverage		Estimated % of discharges	ICD version		1 st year of application of ICD X	Comput./ lastyear available	Aggregate d bed-day rate	Mean length of stay	Median length of stay	Age-Std values	Inst. resp. of data collection	Access data
	all hosp.	sample (%)		9	10								
Austria	√		99%			1996						Statistik Austria	
Belgium	√			√		1998		√	√	√	-	M. of Health/Hosp.Dep	Ministry of Health
Czech Republic	√		100%		√	1996	2003	√	√		-	National Inst of Welfare and Health	Inst. of H. Infor. and Stat. of CR
Denmark	√		100%		√	1994	2004	√	√	√	√	National Board of Health	NIPH; Nat. Board of Health
Finland	√		100%		√	1996	2003	√	√		√	Nat. Inst. for W.& H.	NIPH
France						1997						ATIH	
Germany	√		99%		√	2000	2003	√	√	√	√	Inst of Stat. of G. countries	Nat. Inst. of Stat.
Greece		15%		√		n.a.	1999	√	√	√	-	Nat. Institute of Statistics	Nat. Inst. of Stat.
Hungary	√				√	1996	2003	√	√	√	-	Centre for Healthcare Information	Centre for Healthcare Info.
Iceland													
Italy	√			√		n.a.	2003	-	-	-		Ministry of Health/ISTAT	NIPH
The Netherlands	√		90%	√		n.a.		√	√	√	-	Prismant	Prismant
Norway	√				√	1999	2003	√ if req.	√if req.	-	-	Statistics Norway/ SINTEF Helse	Nat. Inst. Stat./HDR
Poland		85%	90%		√	2002	2002	-	-	-	-	N. Inst of Hygiene	N. Inst. of Hygiene
Portugal	√(excl psych)		100%	√			2003	√	√	√	√	IGIF	Min of Health; N. Inst. of Stat.; IGIF
Spain													
Sweden	√		100%		√	1997	2003	√	√	√	√	NBHW	NBHW
UK					√		2004	√	√	?	-		Depart. of Health

IGIF, Inst. de Gestao Informatica e Financeira de Saude; NBHW, National Board of Health and Welfare; NIPH, National Institute of Public Health

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Data refer to year 2004

TABLE II: HOSPITAL DISCHARGE RATE

DISEASE: CEREBROVASCULAR DISEASES (ICD-9430-438)

COUNTRY	Estimated coverage		Estim. % of discharge	ICD version		1st year of application of ICD X	Comp./last year available	Aggreg. bed-day rate	Mean length of stay	Median length of stay	Age-Std values	Instit. resp. of data collect.	Access data
	all hosp.	sample (%)		9	10								
Austria	√		92%		√	1996	2001	√	√		√	Statistik Austria	
Belgium	√				√	1998	2003	√	√		-	M.of H./Hosp.dep	Ministry of Health
Czech Republic	√		100%		√	1996	2003	√		√	-	NIWH	Inst. of Health Inform. and Statistics of CR
Denmark	√		100%		√	1994	2004	√	√	√	√	National Board of Health	Min. of Health; NIPH
Finland	√		100%		√	1996	2002	√	√	√	√	NIWH.	NIPH
France	√		?		√	1997	2003	√	√	√	-	ATIH	Min of Health; Inst de Veille Sanitaire
Germany	√		99%		√	2000	2003	√	√	-	-	Inst. of Stat. of G. Countries	Nat. Inst. of Statistics
Greece		15%	unknown	√		n.a.	1999	√	√	√	-	Nat. Inst. of Stat.	Nat. Inst. of Statistics
Hungary	√				√	1996	2003	√	√	√	-	Centre for Healthcare Inf.	Nat. Inst. of Stat.
Iceland					√		2001	√	√	√	-		Icel. Univ. Hospital
Italy	√			√		n.a.	2003	-	-	√	√	Min. Health/ISTAT	Min. of Health
The Netherlands	√		90%	√		n.a.	2004	√	√		-	Prismant (Health Care and Advise Institute)	Prismant
Norway	√				√	1999	2003	√if req.	√if req.	√if req.	-	Stat. Norway/ SINTEF Helse	Nat.Inst.Stat./HDR
Poland		85%	90%		√	2002	2002	-	-	-	-	Nat.I. ofHygene	Nat. Inst. of Hygene
Portugal	√		100%	√			2003	√	√	√	√	IGIF	Min of Health; N.Inst. of Stat.; IGIF
Spain				√			2002	√	√	√	-		Nat. Inst. of Stat.
Sweden	√		100%		√	1997	2003	√	√		√	NBHW	NBHW
UK					√		2001	√	√	√	-		Dep. of Health

ATIH, Technical Hospitalisation Information Agency; IGIF, Instituto de Gestao Informatica e Financeira; NBHW, National Board of Health and Welfare; NIPH, National Institute of Public Health; NIWH, National Institute of Welfare and Health;

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TABLE II A: HOSPITAL DISCHARGE RATE

DISEASE: CEREBROVASCULAR DISEASES (ICD-9430-438)

COUNTRY	ICD-9 430-438	ICD-9 430	ICD-9 431-432	ICD-9 434	ICD-9 436-437
Austria	√	√	√	√	√
Belgium	√	√	√	√	√
Czech Republic	√	√	√	√	√
Denmark	√	√	√	√	√
Finland	√	√	√	√	√
France	√	√	√	√	√
Germany	√	√	√	√	√
Greece	√	√	√	√	√
Hungary	√	√	√	√	√
Iceland	√	√	√	√	√
Italy	√	√	√	√	√
The Netherlands	√	√	√	√	√
Norway	√	√	√	√	√
Poland	√	√	√	√	√
Portugal	√	√	√	√	√
Spain	√	-	-	-	-
Sweden	√	√	√	√	√
UK	√	√	√	√	√

Data refer to year 2004

TABLE II: HOSPITAL DISCHARGE RATE

DISEASE: ALL ISCHEMIC HEART DISEASES (ICD-9 410-414)

COUNTRY	Estimated coverage		Estimated % of discharges	1 st year of application of ICD X	ICD version		Comput./ last year avai.	Age-Std. values	Instit. resp. of data collection	Access data
	all hospital	sample (%)			9	10				
Austria	√		98%	1996		√	2001	√	Statistik Austria	National Inst. of Stat.
Belgium	√			1998		√	2003	-	Min. of Health/Hosp.Dep.	Ministry of Health
Czech Republic	√		100%	1996		√	2003	-	NIWH	Inst of Health Infor. and Statistics of CR
Denmark	√		100%	1994		√	2004	√	National Board of Health	Nat. Inst of Public Health; Nat. Board of Health
Finland	√		100%	1996		√	2003	√	NIWH	NIPH
France	√			1997		√	2003	-	ATIH	Min of Health; Inst de Veille Sanitaire
Germany	√		99%	2000		√	2003	-	Inst. of Stat. of G. countries	Nat. Inst. of Statistics
Greece		15%	unknown	n.a.	√		1999	-	Nat. Inst. of Statistics	Nat. Inst. of Statistics
Hungary	√			1996		√	2003	-	Centre for Healthcare Information	Nat. Inst. of Stat.; Centre for Healthc. Info.
Iceland										
Italy	√			n.a.	√		2003		Min. Health/ISTAT	Ministry of Health
The Netherlands	√		90%	n.a.	√		2004	-	Prismant (Health Care and Advise Institute)	Prismant
Norway	√			1999		√	2003	-	Stat. Norway/SINTEF	Nat. Inst. of Stat./HDR
Poland		85%	90%	2002		√	2002	-	Nat. Institute of Hygiene	Min.of Health; N.Inst.of Stat.; N.Inst. of Hygene
Portugal	√(excl. psych)		100%	missing		√	2003	√	IGIF	Min. of Health; Nat. Inst of Stat.; IGIF
Spain					√		2002	-		N. Inst. of Stat.; R. Dep.Health
Sweden	√		100%	1997		√	2003	√	NBHW	NBHW
UK						√	2004	-		Dep. of Health

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TABLE II: HOSPITAL DISCHARGE RATE

DISEASE: HEART FAILURE (ICD-9 428)

COUNTRY	Estimated coverage		Estimated % of discharges	ICD version		1 st year of applic. of ICD X	Comput./ Last year avail.	Aggreg. bed-day rate	Mean length of stay	Median length of stay	Age-Std values	Institute responsible of data collection	Access data
	All hosp	sample (%)		9	10								
Austria	√		86%			1996						Statistik Austria	
Belgium	√				√	1998	2003	√	√	-	-	Min. of Health/Hosp. dep.	Ministry of Health
Czech Republic	√		100%		√	1996	2003	√	-	√	-	NIWH	Inst of Health Inf. and Stat. of CR
Denmark	√		100%		√	1994	2004	√	√	√	-	Nat. Board of Health	NIPH
Finland	√		100%		√	1996	2003	√	√	√	√	NIWH	
France	√				√	1997	2003	√	√	-	-	ATIH	Min of Health; Inst de Veille Sanitaire
Germany	√		99%		√	2000	2003	√	-	-	-	Inst. of Stat. og G. countries	Nat. Inst. of Stat.
Greece		15%			√	not applied	1999	√	-	-	-	Nat. Inst. of Stat.	Nat. Inst. of Stat.
Hungary	√				√	1996	2003	√	-	√	-	Centre for Healthcare Info.	Centre for Healthcare Info.
Iceland													
Italy	√				√		2003	-	-	-	-	Min. Health/ISTAT	Ministry of Health Nat. Inst. of Stat.
The Netherlands	√		90%		√	not applied	2004	√	√	√	-	Prismant (Health Care and Advise Institute)	Prismant
Norway	√				√	1999	2003	√	√	-	-	Statistics Norway/ SINTEF Helse	Nat.Inst.Stat./HDR
Poland		85%	90%		√	2002	2002	-	-	-	-	N.Inst. ofHygene	N.Inst. of Hygene
Portugal	√(excl phych)		100%		√		2003	√	√	√	√	IGIF	Min of Health; N.Inst. of Stat.;IGIF
Spain					√		2002	√	-	√	-		Catal. Dep. of H.
Sweden	√		100%		√	1997	2003	√	√	√	√	NBHW	NBHW
UK					√		2004	√	√	√	-		Dep. of Health

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TABLE II: HOSPITAL DISCHARGE RATE

DISEASE: OTHER FORMS OF HEART DISEASES (ICD-9 393-398; 401-405; 420-429)

COUNTRY	Estimated coverage		Estim. % of discharges	ICD version		1 st year of applic. of ICD X	Comput./ last year available	Aggr. bed-day rate	Mean length of stay	Median length of stay	Age-Std values	Instit. resp. of data coll.	Access data
	all hosp	sample (%)		9	10								
Austria	√		97%		√	1996	2002	-	-	-	√	Statistik Austria	
Belgium													
Czech Republic	√		35%		√	1996	2003	√	√		-	NIWH	Inst of Health Information and Statistics of CR
Denmark					√*		2004	√	√	√	√		NIPH; Nat. Board of Health
Finland	√		35%		√	1996	2003	-	-	-	√	NIWH	Nat. Res. and Dev. Centre for Welfare and Health
France	√				√	1997	2003	√	√		-	ATIH	Min of Health; Inst de Veille Sanitaire
Germany	√		99%		√	2000	2003	√	√	-	-	Inst of Stat of G. countries	Nat. Institute of Statistics
Greece		15%		√			1999	√	√		-	Nat. Institute of Statistics	Nat. Institute of Statistics
Hungary	√				√	1996	2003	√	√	√	-	Centre for Healthcare Information	Centre for Healthcare Information
Iceland													
Italy	√			√			1999	-	-			Ministry of Health/ISTAT	Ministry of Health
The Netherlands	√		90%									Prismant	
Norway	√					1999	2003	√if req.	√if req.	-	-	Stat. Norway/SINTEF	N. Inst. of Statistics/HDR
Poland		85%	90%		√	2002	2002	-	-		-	Nat. Inst. of Hygiene	Nat. Inst. of Hygiene
Portugal	√ (excl. psych)		100%	√			2003	√	√	√	√	IGIF	Min. of Health; Nat. Inst of Stat.; IGIF
Spain				√			2002	√	√		-		Nat. Inst. of Statistics
Sweden	√		100%		√	1997	2003	√	√	√	-	NBHW	NBHW
UK					√		2004	√	√	√	-		Dep. of Health

ATIH, Technical Hospitalisation Information Agency; IGIF, Instituto de Gestao Informatica e Financeira; NBHW, National Board of Health and Welfare; NIPH, National Institute of Public Health; NIWH, National Institute of Welfare and Health;

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TABLE II A: HOSPITAL DISCHARGE RATE

DISEASE: OTHER FORMS OF HEART DISEASES

COUNTRY	Rheum. heart disease (a)	Hypertensive disease (b)	Other forms of heart disease (c)	Atheroscl. (d)	Aortic aneurism (e)	Acute cor pulmonale (f)	Dysrhythmia (g)	Acute pulmonary oedema (h)	Valv. oper. (i)	Aortic and other aneurism oper. (l)	Pace makers (m)	Implant. cardiov. defibrill. (n)	Cathet. ablation (o)
Austria	-	√	-	-	-	-	-	-	√	√	√	√	√
Belgium													
Czech Republic	√	√	√	√	√	√	√	√	-	-	-	-	-
Denmark	√	√	√	√	√	√	√	√	√	√	√	√	√
Finland	√	√	√	√	√	√	√	√	√	√	-	√	√
France	√	√	√	√	√	√	√	√	√	√	√	√	√
Germany	√	√	√	√	√	√	√	√	-	-	-	-	-
Greece	√	√	√	√	-	√	-	-	-	-	-	-	-
Hungary	√	√	√	√	√	√	√	√	√	√	√	√	√
Iceland													
Italy	-	-	-	√	√	√	√	√	-	-	-	-	-
Netherlands													
Norway	√	√	√	√	√	√	√	√	√	√	√	√	√
Poland	√	√	√	√	√	√	√	√	√	√	√	√	√
Portugal	√	√	√	√	√	√	√	√	√	√	√	√	√
Spain	√	√	√	-	-	-	-	-	√	-	√	√	-
Sweden	√	√	√	√	√	√	√	√	√	√	√	√	√
UK	√	√	√	√	√	√	√	√	√	√	√	√	√

(a) 393-398

(b) 401-405

(c) 420-429

(d) 440

(e) 441, 444

(f) 415

(g) 426-427

(h) 428,429

(i) 35.0-35.3, 35.95, 35.96, 35.99

(l) 39.71-39.79, 36.91, 37.32, 38.03-38.04, 39.51, 39.52, 39.54

(m) 00.50, 37.7-37.8, 39.64, 39.8, 89.4

(n) 37.94, 00.51

(o) 37.34

All codes are presented in the ICD-9 revision to facilitate the comparison

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