

PORTUGAL_ACSS, IP WP4 Activity 1: Terminology June 13-14 Budapest Workshop

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www.acss.min-saude.pt



QUESTION 1

Which organization(s) collect stock health workforce data in your country?

What data do you receive from these organisations for your work?



Organisations collecting stock health workforce data

- ACSS,IP NHS>>Planning & Management Inventory of Health Professionals
- ERS Health System>>Licensing & Supervision Specific focus on Private Sector
- DGS Health System >>Health Professionals involved in Specific Programmes
- INE Health System >>>Overall Statistical Data; International Reporting
- Professional Organisations Register of Practitioners



- ACSS, IP is overall in charge of the management of health staff issues and collects data of the National Health Service and other institutions of health ministry based in professional groups or careers.
- Collection is mainly done through 2 means:
 - Directly from institutions (e.g., hospitals, health centres)
 - From the NHS database on the NHS professionals (under review)
- In addition, ACSS collects data related to staffing needs of different professionals, and available capacity (hospitals and health centres) for physicians training.



- The Health Regulation Authority (ERS) collects specific data of health professionals that work in the private sector.
- From 2013 onwards ACSS has initiated a cooperation with this Independent Authority
- Directorate-General of Health provides data about other subjects, like specific programs for health (oral health, flu, obesity).
- Professional Organisations (Ordens Profissionais) have data on the health professionals their represent, e.g. professionals who have licence to practice.



- National Institute of Statistics (INE) collects and sends data to international organisations, e.g., OCDE, Eurostat and WHO
- ACSS has access to some data available publicly
- In view of this project ACSS is establishing contacts with INE in order to ascertain these processes



QUESTION 2

Do you see any (terminology/definition based) inconsistencies between data coming from different national data sources?



Terminology inconsistencies

The different information sources on health workforce lack harmonisation

Also the existing *decentralised* database for all the NHS does not ensure full consistency

- Currently ACSS is working, together with the Central IT Department, on two main issues:
 - Reviewing terminology used in such database
 - Fully centralising the database in order to ensure a single point of terminology entry.

The creation of a National Register for both the NHS and private sector is being considered through legislation.



- There are also issues concerning collection of data numbers for «professional positions», head count and full equivalent time.
- There is also a need to identify professionals working only in public sector, or only in private sector, and those working in both sectors.



QUESTION 3

Do these data match international ISCO codes as regards to doctors, nurses, dentists, pharmacists, midwives? If not, what is the gap between the data contents? Please pay a special attention to the nurses category.



ISCO Codes

- The National Institute of Statistics (INE) produce data for international institutions and according with international ISCO.
- In NHS we collected data by professional groups or careers and categories, according specific laws, like Doctors, Nurses, High Qualified Technicians (contain data of pharmacists and other professionals) and Health Technicians (contain physiotherapist and other professionals).
- Thus, the coherence between these classification groups raises issues which need to be assessed.



QUESTION 4

Which organisation(s) are in charge for collecting the data in the "licenced to practice", "practicing" and "professionally active" categories in the five harmonised professions?



Data on the five harmonised professions

- The organisations who are in charge for collecting data in the "licenced to practice" are professional associations, and also ACSS, IP (in this case for some technicians, which are not included in the 5 professions list).
- For "practising" there are other institutions collecting data: ACSS, IP for public sector; ERS for private and social sector and INE providing information of public, private and social sector to the international organisations.



- For "professionally active" some professional associations have data – but not systematically available
- The data for "professionally active" in NHS its not registered in a systematic way, we find these situations only when we cross information at different levels (for example, physician career and management careers).



QUESTION 5

Are international comparative HWF data is used for health workforce planning activities in your country and if so, are there any terminological issues when comparing international data with national data?



International comparative HWF data

- In Portugal we use and compare international ratios with national ratios to produce the health goals of our National Health Plan.
- We also consider the international ratios for planning and forecasting studies.
- We have made some studies about planning and forecasting and we understand that its difficult to achieve common ratios for each medical speciality.
- We have also had concerns about between the different meanings of 'licensed', 'practising', etc



QUESTION 6

Reading the JQ (attached) including the Definitions, do you have any questions regarding the contents of data requested?



JQ Definitions

- There are issues related to the matching of definitions/ categories in the questionnaire and the available data
 - E.g. Difficulties in obtaining accurate information on 'practising' and 'professionally active'
 - Midwives vs Nurses specialised in Obstaetrics
 - Characterisation of caring personnel
 - Hospital personnel



 This triggers a coordination action at national level, namely involving all institutions that collect HWF data and analyse all of this information that are produced to Health Ministry in order to obtain and provide consistent information.

In addition action is needed to avoid lack or overlap of data.



INFORMATION AND REPORT

http://www.acss.min-saude.pt/Publicações/SNS/tabid/115/ language/pt-PT/Default.aspx

http://www.acss.min-saude.pt/Publicações/SNS/ InventárioProfissionaisdeSaúde/tabid/749/language/pt-PT/ Default.aspx



Inventário do Pessoal do Sector da Saúde

Health Sector Human Resources Inventory





MINISTÉRIO DA SAÚDE

Quadro 2: Total de médicos do SNS (pessoas)

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Health Sector Human Resources Inventory

Example Table: Total Physicians in the National Health System

WP4 – TERMINOLOGY



MINISTÉRIO DA SAÚDE

Quadro 9: Cirurgia Geral

Health Sector Human Resources Inventory

Example Table: Surgeons in the National Health System

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Quadro 56: N.º de colaboradores das Entidades Prestadoras de Cuidados de Saúde

Health Sector Human Resources Inventory

Example Table: *Private Sector Human Resources in Portugal*

(Área privada)

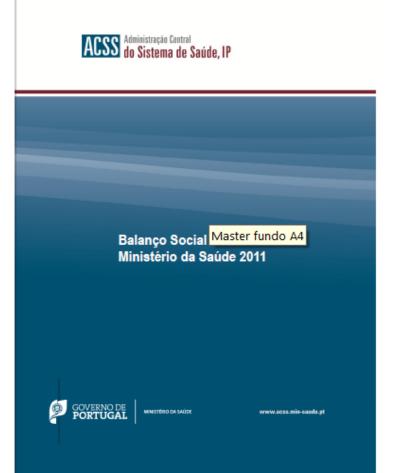
Grupo	Com duplicados	Sem duplicados
Enfermeiro	13.576	12.107
Farmacêutico	2.862	762
Médico	37.127	19.987
Médico Dentista	11.591	6.513
Nutricionista	683	515
Psicólogo	2.103	1.791
Técnico	11.413	9.329
Total	79.355	51.004

Fonie: Enlidade Regulados da Saúda, dados repotadosa 31/12/2012.



Balanço Social do Ministério da Saúde

Social Balance Sheet of the Portuguese Health Ministry



WP4 – TERMINOLOGY



Social Balance Sheet of the Portuguese Health Ministry

Example Table Indicators Panel

Indicadores	2009	2010	2011
Efectivo global (31 de Dezembro)	130.590	130.256	128.526
Estrutura Profi	issional		
Taxa de trabalhadores com CTFP	70,61	67,67	66,26
Taxa de trabalhadores com CT âmbito do cód.trab	26,33	29,26	31,06
Taxa de prestação de serviços (%)	2,39	2,48	2,15
Taxa de feminização (%)	75,14	75,17	75,22
Taxa de feminização de pessoal dirigente (%)	49,43	49,57	50,70
Taxa de enquadramento (pessoai dirigente) (%)	0,81	0,81	0,72
Taxa de tecnicidade (sentido lato) (%)	60,01	62,98	63,62
Taxa de emprego de pessoal dericiente (%)	2,09	2,05	2,1
Taxa de emprego de pessoal estrangeiro (%)	2,75	2,49	2,26
Estrutura Habil			
Taxa de pessoal sem habilitação (%)	0,24	0,26	0,26
Taxa de habilitação básica (%)	23,63	22,47	20,79
Taxa de habilitação secundária (%)	16,66	16,94	17,31
Taxa de habilitação superior (%)	59,47	60,33	61,64
Estrutura Etária e /			
Nivel etário médio (anos)	41,50	41,70	41,89
Taxa de emprego de Jovens (%)	3,17	2,39	1,62
Nivel de antiguidade média (anos)	13,90	14,21	14,22
Movimentação de			
Taxa de admissão (%) a)	8,26	6,22	6,25
Taxa de saldas (%) a)	7,42	6,76	7,12
Taxa de cobertura (%)	111,34	92,07	87,71
Taxa de rotação (%) a)	87,61	88,31	87,17
Taxa de promoção na carreira (%)	1,57	1,23	0,31
Taxa de alteração de posicionamento remuneratório (%)	0,89	1,02	0,22
Absentisr			
Taxa geral de absentismo (%) (b)	9,87	10,86	10,40
Taxa de absentismo por doença (%)	5,14	5,25	5,14
Remunera		(2.42	(2.22)
Leque salarial liquido Formação Co	12,23	10,17	12,27
Taxa geral de participação em acções formação (%)	102,62	107,67	110,26
Taxa de tempo investido em formação (%)	8.42		7,34
Saúde e Segurança		10,03	7,34
Taxa de participação em acções de formação/sensibilização em matéria de segurança (%)	32.01	18,97	19,04
Taxa de incidência de acidentes (1/1000)	49,67		44,47
Taxa de saúde ocupacional (%)	49,67	49,56 59,55	55,03
Relações de trabalh		33,35	55,05
Taxa de indisciplina (%)	0.30	0.38	0,43
a/Nos anos 2010 e 2011 não estão incluídas as Prestações de Serviços.			
billionen auch idea an analacian ant conta de parlade de Melas			

Painel de indicadores¹¹

b)Forem excluidas as ausências por conta do periodo de Mrias.







Social Balance Sheet of the Portuguese Health Ministry

Professionals evolution by career/job (2009-2011)

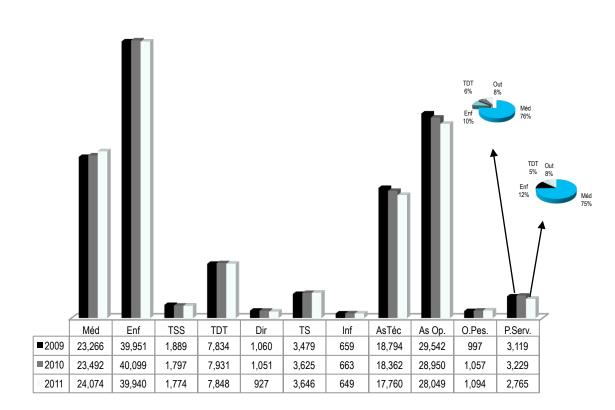
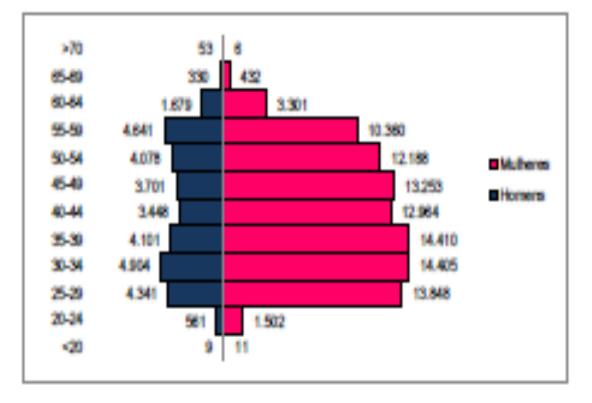




Gráfico 9 – Pirâmide etária dos trabalhadores

Social Balance Sheet of the Portuguese Health Ministry

Example Graph Workers Age & Sex distribution

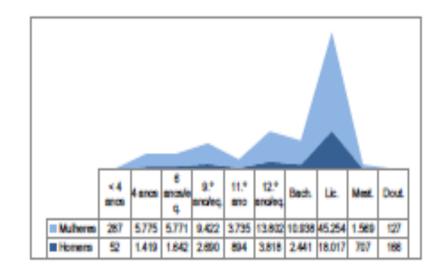




Social Balance Sheet of the Portuguese Health Ministry

Example Graph Workers Education Level

Gráfico 11 – Trabalhadores por nível de escolaridade segundo o género

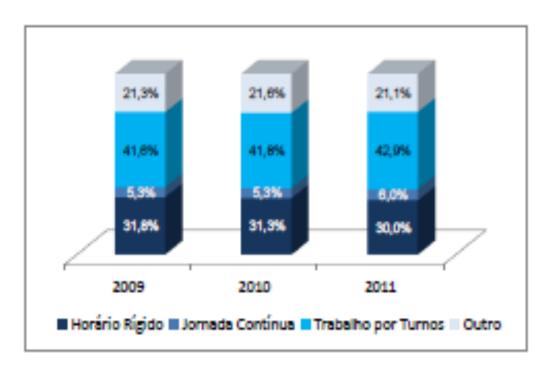




Social Balance Sheet of the Portuguese Health Ministry

Example Graph Distribution of workers by work schedule

Gráfico 16 – Evolução das modalidades de horário de trabalho





Aplicação RHV "Recursos Humanos e Vencimentos"

The RHV -"Human Resources and Salaries" is the Portuguese NHS software covering HR data

Example> Personal Data Window

💷 Trabalhador: 10041 - N	lome Mec.			Σ
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Nacionalid. 351 🗐 Naturalidade Localidade Lisboa País Concelho	🔋 Cédula Profiss	e Enfermeiros é obrigatório sional/Ordem! ibilizado o ecrã dos Certifica Ok		
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Aplicação RHV "Recursos Humanos e Vencimentos"

The RHV -"Human Resources and Salaries" is the Portuguese NHS software covering HR data

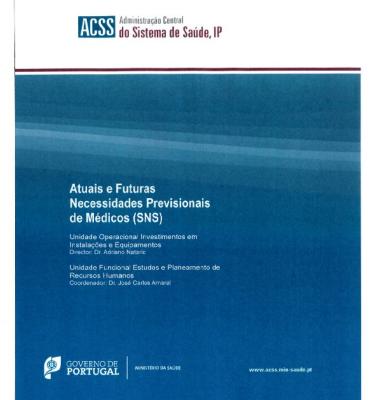
Example> Cost Centers Window

🔲 Manutençã	o de Dependências de Centros C	usto	X
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Centro	os de Custo Dependentes		
Código	Centro de Custo	Central Data Início	Data Fim
			<u> </u>
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Atuais e Futuras Necessidades Previsionais de Médicos (SNS)

Current and Future Needs of Physicians (NHS)





Physicians (2011) - In and Out the NHS (National Institute of Statistics)

			Médicos e	specialistas (N.º) po Physicians (r Local de residênci N-º) by place of resi		· · · · ·	al (2011)		
Local de residência/ Place of residence	Total	Cirurgia geral/ General Surgery	Estomatologia/ Dentistry	Ginecologia e obstetrícia Gynecology and Obstetrics	Medicina geral e familiar Family and Gerneral Medicine	Oftalmologia/ Ophthalmology	Ortopedia/ Orthopedics			Outras especialidades/ Other
	N.º	N.º	N.º	N.º	N.º	N.º	N.º	N.º	N.º	N.º
Portugal	30493	1527	652	1538	5410	903	1011	1648	982	16822
Continente	29580	1477	638	1488	5251	881	981	1600	958	16306
Região Autónoma dos Açores	381	18	9	23	60	11	11	20	13	216
Região Autónoma da Madeira	532	32	5	27	99	11	19	28	11	300
Médicos especialistas (N.º) por Loc	Médicos especialistas (N.º) por Local de residência e Especialidade médica; Anual - INE, Estatísticas do Pessoal de Saúde									
The physicians count as many time	s as special	ties exercising								
Source: http://www.ine.pt										



http://www.acss.min-saude.pt/Publicações/SNS/tabid/115/ language/pt-PT/Default.aspx

http://www.acss.min-saude.pt/Publicações/SNS/ InventárioProfissionaisdeSaúde/tabid/749/language/pt-PT/ Default.aspx



Thank you.