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## **D 1.2 Report on Additional Materials and Instruments**

# **ESPrIT - Strengthening the Occupational Health Expertise and Scientific Capacity of Public Health Institution of Turkey**

Authors:

Anita Venema / Suhendan van Zoelen/ Laurie Hermans (all TNO), Frank van Dijk (VUMc) and the ESPrIT team

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## Introduction

### Aim of the report

The aim of this report is to make an inventory of assets already available to fill the knowledge gaps amongst PHIT staff as identified earlier. This report is the first step to provide PHIT with a repository of available literature, tools and instruments that can be used to increase their scientific knowledge on Occupational Health and Occupational diseases in particular. The repository will be used in WP 2 Scientific Capacity Building, WP3 ICD + Innovation and in WP 4 Scientific Excellence.

### Methods

In April 2016, the consortium partners of ESPrIT convened in Leiden for a full week in order to discuss the outcomes of the need assessment, the consequences for the following project work packages and to make an inventory of the available assets. Input was given by the experts from the consortium. Additionally several searches were conducted in scientific databases like PubMed and Scopus. Search terms used were:

("Occupational Diseases"[Mesh]) AND ("Sentinel Surveillance"[Mesh] OR "Population Surveillance"[Mesh] OR "Epidemiological Monitoring"[Mesh] OR "surveillance"[tiab])

Also the websites of key international organisations have been sought for relevant documents, being WHO, ILO, EU-OSHA, EUROFOUND, OSHA and Eurostat. The keywords which have been used are: "occupational diseases" OR "occupational illnesses" (AND "Turkey"), OR "occupational health" (AND Turkey). The keywords were adjusted in correspondence to the amount of search results.

### Results

The results on assets are presented in the table below and in a number of annexes. We identified both Turkish and English language assets. A limited number of assets is already available in both languages. They are included in the table below with TR or ENG as note. For the other Turkish language assets a short description is given in English.

Deliverable 1.3 "Online repository of scientific publications, documents and guidelines" will be including all original articles, documents and guidelines that are open access or for which access was granted at our request. A selected number of assets will be translated in Turkish and included in the Online Repository.

**Table 1 List of assets**

	<b>Turkish language assets</b>	<b>English language assets</b>
<b>I</b>	<b>OSH Books</b>	<b>OSH-Books</b>
1	Meslek hastaliklari Rehberi-DGUV-CSGB-TR	Prophylaxis in Occupational Medicine –DGUV-ENG
2	Temel Is Sagligi Hizmetleri-TR	Basic Occupational Health Services-ENG
3	3T İmalat Sanayii için Risk Değerlendirmesi-TR	3T Risk Assesment for manufacturing
4	Metal Sektörü İşyerlerinde İş Sağlığı ve Güvenliğinin Geliştirilmesi-TR	Development of the Occupational Health and Safety at the workplaces in the Metal Sector
5	Meslek Hastalıkları-TR	Occupational Diseases
6	Çalışma Yaşamında Sağlık Gözetimi Rehberi-TR	Health Surveillance at Work Places
7	Meslek Hastalıkları ve İş ile İlgili Hastalıklar Tani Rehberi-TR	Diagnosis of Occupational Diseases and Work related diseases
8	İSG Dergisi- Mesleki kas iskelet sistemi hastalıkları-TR	OSH Journal- Occupational Musculoskeletal Diseases
<b>II</b>	<b>Guidelines</b>	<b>Guidelines</b>
1	Avrupa Birliği'nin İş Sağlığı ve Güvenliği Yönetim Sistemleri İyi Uygulamaları-TR	Best Practices in European Union -Occupational Health and Safety Management Systems
2	Kobiler İçin İş Sağlığı ve Güvenliği Yönetim Sistemi ( İnşaat Sektörü)-TR	Occupational Health and Safety Management System for SMEs (Construction Sector)
3	Kobiler İçin İş Sağlığı ve Güvenliği Yönetim Sistemi ( Maden Sektörü )-TR	Occupational Health and Safety Management System for SMEs (Mining)
4	Kobiler İçin İş Sağlığı ve Güvenliği Yönetim Sistemi ( Metal Sektörü)-TR	Occupational Health and Safety Management System for SMEs (Metal Sector)
5	Risk Değerlendirmesi ve Araçları (İnşaat)-TR	Risk Assessment and Tools (Construction Sector)
6	Risk Değerlendirmesi ve Araçları (Metal Sektörü)-TR	Risk Assessment and Tools (Metal Sector)
7	Risk Değerlendirmesi ve Araçları (Maden Sektörü – Komur)-TR	Risk Assessment and Tools (Mining- Coal)
8	Risk Değerlendirmesi ve Araçları (Maden Sektörü – Mermer )-TR	Risk Assessment and Tools (Mining- Marble)
9		ILO_ national systems OD. _2013-ENG
10		European Statistics Code of Practice <a href="http://ec.europa.eu/eurostat/documents/3859598/5921861/KS-32-11-955-EN.PDF">http://ec.europa.eu/eurostat/documents/3859598/5921861/KS-32-11-955-EN.PDF</a>
11		Commission Recommendation 2003/670/EC of 19 September

	Turkish language assests	English language assets
		2003 concerning the European schedule of occupational diseases <a href="http://eurlex.europa.eu/legalcontent/EN/TXT/?uri=uriserv:OJ.L_.2003.238.01.0028.01.ENG">http://eurlex.europa.eu/legalcontent/EN/TXT/?uri=uriserv:OJ.L_.2003.238.01.0028.01.ENG</a> . (on OD )
12		Information notices on occupational diseases: a guide to diagnosis - 2009 (a guide prepared in support of Commission Recommendation 2003/670/EC) <a href="http://ec.europa.eu/social/main.jsp?catId=716&amp;langId=en&amp;intPageId=229">http://ec.europa.eu/social/main.jsp?catId=716&amp;langId=en&amp;intPageId=229</a> (on OD )
<b>III</b>	<b>Policy documents and OSH Law</b>	<b>Policy documents and OSH Law</b>
1	6331 Sayili Is Sagligi ve Guvenligi Kanunu-TR	6331 Occupational Health and Safety Law-ENG
2	Turkish OD list_Meslek Hastaliklari listesi-TR	
3		EU Regulation on Community Statistics EC No 1338/2008 <a href="http://eurlex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:354:0070:0081:EN:PDF">http://eurlex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:354:0070:0081:EN:PDF</a>
4		EU_regulation community statistics publich health and OSH_2008-ENG
5		EU Strategic Framework on Health and Safety at Work 2014-2020 <a href="http://eur-lex.europa.eu/legal-content/EN/">http://eur-lex.europa.eu/legal-content/EN/</a>
<b>IV</b>	<b>Systematic reviews and reports</b>	<b>Systematic reviews and reports</b>
1	Review Meslek hastaliklari (tani, tedavi ve korunma ilkeleri)-Nazmi Bilir 2011-TR	Review Occupational Diseases ( Diagnosis, treatment and prevention)
2		<a href="http://www.toraks.org.tr/userfiles/file/ulusal_hastalik_yuku_burdenofdiseaseENG.pdf">http://www.toraks.org.tr/userfiles/file/ulusal_hastalik_yuku_burdenofdiseaseENG.pdf</a> ( Report on costs of diseases in Turkey)
3		<a href="http://www.hse.gov.uk/statistics/cost.htm">http://www.hse.gov.uk/statistics/cost.htm</a> ( Report on costs)
4		<a href="http://ec.europa.eu/social/main.jsp?catId=716&amp;langId=en&amp;moreDocuments=yes">http://ec.europa.eu/social/main.jsp?catId=716&amp;langId=en&amp;moreDocuments=yes</a> ( Report on OD)
5		Conference 'Occupational Diseases in the EU - The system(s) and their role / Way forward': <a href="http://ec.europa.eu/social/main.jsp?langId=en&amp;catId=88&amp;eventsId=940&amp;furtherEvents=yes">http://ec.europa.eu/social/main.jsp?langId=en&amp;catId=88&amp;eventsId=940&amp;furtherEvents=yes</a> ( Report on OD)
<b>V</b>	<b>Other (research and training methodology)</b>	<b>Other (research and training methodology)</b>
1	Temel Epidemioloji / R. Bonita, R. Beaglehole, T. Kjellström. 2. baskı-TR	Basic Epidemiology – ENG – WHO 2006 Bonita, Ruth
2		Occupational Safety and Health Online-ENG
3		Hattie, J. (2009). Visible Learning. A Synthesis of over 800 Meta-Analysis relating to Achievement-ENG

	Turkish language assests	English language assets
4	FERROSH- Egitici kitabi 1 - TR	TNO Training books 1 - ENG
5	FERROSH- Egitici kitabi 2 -TR	TNO Training book 2 -ENG
6		Frank J. van Dijk, MD, PhD, Marija Bubas, MD, PhD, Paul B. Smits, MD, PhD. (2015) Evaluation Studies on Education in Occupational Safety and Health. Inspiration for Developing Economies. Annals of Global Health, Vol. 81, NO. 4, 2015, July/August 2015: 548-560.
<b>VI</b>	<b>Online free lessons and courses</b>	<b>Online free lessons and courses</b>
1		→ <a href="http://www.healthyworkinguk.co.uk/uploads/resources/resources/HWUK/unit_3/">http://www.healthyworkinguk.co.uk/uploads/resources/resources/HWUK/unit_3/</a> on linking work and health
2		→ <a href="http://www.ldoh.net/education/">http://www.ldoh.net/education/</a>
3		→ EMUTOM: European online/blended e-course Occupational Medicine for undergraduate medical students
4		→ CCOHS Canada: many e-lessons not free of charge, only a few (interesting!) e-lessons are free of charge
5		→ LMU Germany and other universities: Virtual Patient Work, high-quality interactive cases for occupational medicine education, free
6		→ ILO Training Center Turin Italy: Master course in OSH
7		→ ILO Training Center Turin Italy: distance course OSH , 6 months
8		→ Health [e] Foundation and LDOH: online/blended interactive e-course Basic Occupational Health Services
9		→ LDOH: Workershealtheducation database of (mostly) free online OSH lessons and courses
<b>VII</b>	<b>Short descriptions and URLs of top quality websites and apps</b>	<b>Short descriptions and URLs of top quality websites and apps</b>
1	<a href="http://www.ilo.org/ankara/lang--tr/index.htm">http://www.ilo.org/ankara/lang--tr/index.htm</a>	<a href="http://www.ilo.org/global/about-the-ilo/who-we-are/international-labour-office/lang--en/index.htm">http://www.ilo.org/global/about-the-ilo/who-we-are/international-labour-office/lang--en/index.htm</a>
2		<a href="https://osha.europa.eu/">https://osha.europa.eu/</a>
3	<a href="http://www.sgk.gov.tr/">http://www.sgk.gov.tr/</a>	
4	<a href="http://www.thsk.gov.tr/">http://www.thsk.gov.tr/</a>	
3		<a href="http://www.ccohs.ca/">http://www.ccohs.ca/</a>
4		<a href="http://www.cdc.gov/niosh/topics/diseases.html">http://www.cdc.gov/niosh/topics/diseases.html</a>
5		<a href="http://toxnet.nlm.nih.gov/">http://toxnet.nlm.nih.gov/</a>
6		<a href="http://www.icohweb.org/site/news.asp#">http://www.icohweb.org/site/news.asp#</a>
7	<a href="http://www.euro.who.int/en/countries/turkey">http://www.euro.who.int/en/countries/turkey</a>	<a href="http://www.who.int/topics/occupational_health/en/">http://www.who.int/topics/occupational_health/en/</a>
8		<a href="http://www.hse.gov.uk/coshh/">http://www.hse.gov.uk/coshh/</a>
9		<a href="http://www.healthyworkinglives.com/advice/workplace-hazards">http://www.healthyworkinglives.com/advice/workplace-hazards</a>

	Turkish language assests	English language assets
10		<a href="http://www.ldoh.net/">http://www.ldoh.net/</a>
11		<a href="http://ec.europa.eu/eurostat/web/health/health-safety-work">http://ec.europa.eu/eurostat/web/health/health-safety-work</a> <a href="http://ec.europa.eu/social/main.jsp?catId=148">http://ec.europa.eu/social/main.jsp?catId=148</a>
12		<a href="http://ec.europa.eu/eurostat/web/health/health-safety-work">http://ec.europa.eu/eurostat/web/health/health-safety-work</a> (Eurostat EU statistics on OSH)
VIII	<b>Video/film</b>	<b>Video/film</b>
1		<a href="https://goo.gl/rnVYWX">https://goo.gl/rnVYWX</a> (Haring, Bas & Ginkel, Joost van. On being a Scientist - Film on topic of scientific integrity)
2		<a href="http://www.beroepsziekten.nl/ncvb-video-bestanden/video-het-zes-stappen-plan">http://www.beroepsziekten.nl/ncvb-video-bestanden/video-het-zes-stappen-plan</a> (Video (in Dutch) Six step approach to signalling, diagnosis, reporting and prevention of occupational diseases)

## Annex I: Occupational Diseases Surveillance studies in PubMed

Frank van Dijk VUMc

### Motive and aim

To learn about old and new problems and opportunities for *occupational health surveillance* focused on occupational diseases (OD) or work-related diseases (WRD) and prevention, it is very wise first to explore the international literature. Such can be done in an iterative process of discussing and reading, with the aim of a better understanding of the issue and of adequately developing and implementing one or more surveillance systems in Turkey.

### Methods, material

**Step 1 Search with key words**, the first step in PubMed <sup>1,2</sup>

**Search on OD surveillance in PubMed, on scientific articles in the last 5 years**

Search terms used on 5-3-2016:

**("Occupational Diseases"[Mesh]) AND ("Sentinel Surveillance"[Mesh] OR "Population Surveillance"[Mesh] OR "Epidemiological Monitoring"[Mesh] OR "surveillance"[tiab])**

To repeat the search (potentially to adapt or improve the search after that) you can simply copy/paste this string of terms in the search window of PubMed. You will find about 3200 titles.

### Step 2 Use Filters to reduce the number of hits

Next you can add the filters that I used (or others) to make a smart selection within the almost 3200 titles. The filters are visible at the left side of the screen:

The filters used are: Abstract, Published in the last 5 years, Humans, English language.

After applying these filters you will get (about) 339 results, so 339 titles, abstracts etc, mostly scientific articles.

**Step 3 Select the titles (sometimes looking at the abstracts as well), by hand on the criterion of relevancy for your goals**

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<sup>1</sup> For searching literature, course participants will be trained as the actual first step to use the so called PICO method to structure their thinking and to support the choice of terms for the search for literature. I used for this search as PICO: Population= workers; Intervention = workers' health surveillance; Comparison= no or a poor quality workers' health surveillance; Outcome: report of occupational diseases, work-related diseases or work injuries.

<sup>2</sup> To learn how to search effectively, you may use the book published in the English language "*OSH online. How to find reliable information.*" This book is to download free of charge from the website [www.ldoh.net](http://www.ldoh.net). The book will be translated in Turkish this year.



After exploring e.g. the first 40 titles analyzing for yourself which ones are the most relevant for your study or interest, try to formulate good inclusion and exclusion criteria for your selection. I used for this purpose as inclusion and exclusion criteria the following:

### **Inclusion**

- Articles including **generic wide scope studies** in terms of including all work-related or occupational diseases, or a broad disease category such “respiratory diseases”. So preferably not including a study focused on only one specific disease. The same for the covered area in preferably studies on the level of a region/country or including a complete industry sector (not only one company) And including a wide spectrum of exposures, not only on benzene, work pressure or noise.
- Articles with a **description or discussion on surveillance systems** or a study of **various types of surveillance systems** or various outcomes of such systems.
- Articles that might **contain lessons on how to organize surveillance** or notification systems, e.g. showing or discussing advantages and disadvantages of systems or of important aspects of systems

### **Exclusion**

- **Etiologic studies** (cause-effect studies such as case-control and analytic cohort studies)
- Studies **focused on only one causal factor or one specific disease** unless lessons may be drawn from such a focused study
- Studies on the **quality of assessment of one risk factor or of one occupational disease**

Using these criteria I selected 72 studies that can be used for the exploration of the area and for more detailed studies. For a scientific publication we mostly use two experts for making selections to improve the quality and objectivity. For a good analysis of these studies I recommend to go to NCBI with the link and to download this list.

When you want to deepen your understanding on a specific aspect, you may make your own selection based on looking at e.g. the 339 abstracts.

### **Step 4 Selection based on reading titles and abstracts articles to download or order as full text articles.**

You have to download or order a selected number of full text articles as a next step. You need to read the whole article to be able to judge the quality and relevancy for your study or for answering your question.

### **Your own search**

You can make your own search in PubMed using your own so called “PICO” with terms you can use in a search. Studying first a number of publications that you get by an exploration in PubMed or in Google is a good preparation in the formulating of a good search with good terms for your own search, as after an exploration you know the issue better and you are aware of the most used terminology in the international literature.

## Results: the 72 titles'

### Overview of author(s), title and journal

1. Antao VC, Pinheiro GA. **Surveillance for occupational respiratory diseases in developing countries.** Semin Respir Crit Care Med. 2015 Jun;36(3):449-54.
2. Mazurek JM, White GE; Centers for Disease Control and Prevention (CDC). **Work-related asthma—22 states, 2012.** MMWR Morb Mortal Wkly Rep. 2015 Apr 10;64(13):343-6.
3. Curti S, Sauni R, Spreeuwers D, De Schryver A, Valenty M, Rivière S, Mattioli S. **Interventions to increase the reporting of occupational diseases by physicians.** Cochrane Database Syst Rev. 2015 Mar 25;3:CD010305.
4. Masterson EA, Deddens JA, Themann CL, Bertke S, Calvert GM. **Trends in worker hearing loss by industry sector, 1981-2010.** Am J Ind Med. 2015 Apr;58(4):392-401.
5. Pesonen M, Jolanki R, Larese Filon F, Wilkinson M, Kręćisz B, Kieć-Świerczyńska M, Bauer A, Mahler V, John SM, Schnuch A, Uter W; ESSCA network. **Patch test results of the European baseline series among patients with occupational contact dermatitis across Europe - analyses of the European Surveillance System on Contact Allergy network, 2002-2010.** Contact Dermatitis. 2015 Mar;72(3):154-63.
6. Walters GI, Kirkham A, McGrath EE, Moore VC, Robertson AS, Burge PS. **Twenty years of SHIELD: decreasing incidence of occupational asthma in the West Midlands, UK?** Occup Environ Med. 2015 Apr;72(4):304-10.
7. Robinson CF, Walker JT, Sweeney MH, Shen R, Calvert GM, Schumacher PK, Ju J, Nowlin S. **Overview of the National Occupational Mortality Surveillance (NOMS) system: leukemia and acute myocardial infarction risk by industry and occupation in 30 US states 1985-1999, 2003-2004, and 2007.** Am J Ind Med. 2015 Feb;58(2):123-37.
8. Papali A, Hines SE. **Evaluation of the patient with an exposure-related disease: the occupational and environmental history.** Curr Opin Pulm Med. 2015 Mar;21(2):155-62.

9. Stocks SJ, McNamee R, van der Molen HF, Paris C, Urban P, Campo G, Sauni R, Martínez Jarreta B, Valenty M, Godderis L, Miedinger D, Jacquetin P, Gravseth HM, Bonnetterre V, Telle-Lamberton M, Bensefa-Colas L, Faye S, Mylle G, Wannag A, Samant Y, Pal T, Scholz-Odermatt S, et al. **Trends in incidence of occupational asthma, contact dermatitis, noise-induced hearing loss, carpal tunnel syndrome and upper limb musculoskeletal disorders in European countries from 2000 to 2012.** *Occup Environ Med.* 2015 Apr;72(4):294-303.
10. Sadeghi F, Bahrami A, Fatemi F. **The effects of prioritize inspections on occupational health hazards control in workplaces in Iran.** *J Res Health Sci.* 2014 Autumn;14(4):282-6.
11. Mazurek JM, White GE, Moorman JE, Storey E. **Patient-physician communication about work-related asthma: what we do and do not know.** *Ann Allergy Asthma Immunol.* 2015 Feb;114(2):97-102.
12. Kaerlev L, Jensen A, Hannerz H. **Surveillance of hospital contacts among Danish seafarers and fishermen with focus on skin and infectious diseases-a population-based cohort study.** *Int J Environ Res Public Health.* 2014 Nov 18;11(11):11931-49.
13. Yavuz H, Simsek Z, Akbaba M. **Health-risk behaviors in agriculture and related factors, southeastern Anatolian region of Turkey.** *J Agromedicine.* 2014;19(4):364-72.
14. Ruser JW. **Industry contributions to aggregate workplace injury and illness rate trends: 1992-2008.** *Am J Ind Med.* 2014 Oct;57(10):1149-64.
15. Rivière S, Penven E, Cadéac-Birman H, Roquelaure Y, Valenty M. **Underreporting of musculoskeletal disorders in 10 regions in France in 2009.** *Am J Ind Med.* 2014 Oct;57(10):1174-80.
16. Weakley J, Webber MP, Ye F, Zeig-Owens R, Cohen HW, Hall CB, Kelly K, Prezant DJ. **Agreement between upper respiratory diagnoses from self-report questionnaires and medical records in an occupational health setting.** *Am J Ind Med.* 2014 Oct;57(10):1181-7.

17. McInnes JA, Clapperton AJ, Day LM, MacFarlane EM, Sim MR, Smith P. **Comparison of data sets for surveillance of work-related injury in Victoria, Australia.** *Occup Environ Med.* 2014 Nov;71(11):780-7.
18. Ringen K, Dement J, Welch L, Dong XS, Bingham E, Quinn PS. **Risks of a lifetime in construction. Part II: Chronic occupational diseases.** *Am J Ind Med.* 2014 Nov;57(11):1235-45.
19. Chumchai P, Silapasuwan P, Wiwatwongkasem C, Arphorn S, Suwan-Ampai P. **Prevalence and risk factors of respiratory symptoms among home-based garment workers in Bangkok, Thailand.** *Asia Pac J Public Health.* 2015 May;27(4):461-8.
20. Wuellner SE, Bonauto DK. **Exploring the relationship between employer recordkeeping and underreporting in the BLS Survey of Occupational Injuries and Illnesses.** *Am J Ind Med.* 2014 Oct;57(10):1133-43.
21. Joe L, Roisman R, Beckman S, Jones M, Beckman J, Frederick M, Harrison R. **Using multiple data sets for public health tracking of work-related injuries and illnesses in California.** *Am J Ind Med.* 2014 Oct;57(10):1110-9.
22. Anderson NJ, Fan ZJ, Reeb-Whitaker C, Bonauto DK, Rauser E. **Distribution of asthma by occupation: Washington State behavioral risk factor surveillance system data, 2006-2009.** *J Asthma.* 2014 Dec;51(10):1035-42.
23. Carder M, Money A, Turner S, Agius R. **Workforce coverage by GB occupational physicians and disease incidence rates.** *Occup Med (Lond).* 2014 Jun;64(4):271-8.
24. Thiese MS, Hegmann KT, Wood EM, Garg A, Moore JS, Kapellusch JM, Foster J, Greene T, Stoddard G, Biggs J; BackWords Study Team. **Low-back pain ratings for lifetime, 1-month period, and point prevalences in a large occupational population.** *Hum Factors.* 2014 Feb;56(1):86-97.
25. St Louis T, Ehrlich E, Bunn T, Kanotra S, Fussman C, Rosenman KD. **Proportion of dermatitis attributed to work exposures in the working population, United States, 2011 behavioral risk factor surveillance system.** *Am J Ind Med.* 2014 Jun;57(6):653-9.
26. Wiatrowski WJ. **The BLS survey of occupational injuries and illnesses: a primer.**

- Am J Ind Med. 2014 Oct;57(10):1085-9.
27. Chu PC, Fuh HR, Luo JC, Du CL, Chuang HY, Guo HR, Liu CS, Su CT, Tang FC, Chen CC, Yang HY, Guo YL. **The impact of occupational health service network and reporting system in Taiwan.** Int J Occup Environ Health. 2013 Oct-Dec;19(4):352-62.
28. Leigh JP, Du J, McCurdy SA. **An estimate of the U.S. government's undercount of nonfatal occupational injuries and illnesses in agriculture.** Ann Epidemiol. 2014 Apr;24(4):254-9.
29. Weissman DN. **Medical surveillance for the emerging occupational and environmental respiratory diseases.** Curr Opin Allergy Clin Immunol. 2014 Apr;14(2):119-25.
30. Foley M, Ruser J, Shor G, Shuford H, Sygnatur E. **Contingent workers: Workers' compensation data analysis strategies and limitations.** Am J Ind Med. 2014 Jul;57(7):764-75.
31. Kauppinen T, Uuksulainen S, Saalo A, Mäkinen I, Pukkala E. **Use of the Finnish Information System on Occupational Exposure (FINJEM) in epidemiologic, surveillance, and other applications.** Ann Occup Hyg. 2014 Apr;58(3):380-96.
32. Boschman JS, Van der Molen HF, Frings-Dresen MH, Sluiter JK. **Preventive actions taken by workers after workers' health surveillance: a controlled trial.** J Occup Environ Med. 2013 Dec;55(12):1401-8.
33. Mastrangelo G, Marangi G, Ballarin MN, Bellini E, De Marzo N, Eder M, Finchi A, Gioffrè F, Marcolina D, Tessadri G, Zannol F, Altafini I, Belluso E, Zaina S, Agnesi R, Scoizzato L, Fedeli U, Cegolon L, Valentini F, Marchiori L. **Post-occupational health surveillance of asbestos workers.** Med Lav. 2013 Sep-Oct;104(5):351-8.
34. Dang GT, Barros N, Higgins SA, Langley RL, Lipton D. **Descriptive review of asbestosis and silicosis hospitalization trends in North Carolina, 2002-2011.** N C Med J. 2013 Sep-Oct;74(5):368-75.
35. Reeb-Whitaker C, Anderson NJ, Bonauto DK. **Prevention guidance for isocyanate-induced asthma using occupational surveillance data.** J Occup Environ

Hyg. 2013;10(11):597-608.

36. Boden LI. **Capture-recapture estimates of the undercount of workplace injuries and illnesses: sensitivity analysis.** Am J Ind Med. 2014 Oct;57(10):1090-9.

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38. Walters GI, Moore VC, McGrath EE, Burge PS, Henneberger PK. **Agents and trends in health care workers' occupational asthma.** Occup Med (Lond). 2013 Oct;63(7):513-6.

39. Lewis L, Fishwick D. **Health surveillance for occupational respiratory disease.** Occup Med (Lond). 2013 Jul;63(5):322-34.

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**Disorders of the International Commission on Occupational Health.** BMC

Musculoskelet Disord. 2012 Jun 21;13:109.

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**ERS Task Force on the Management of Work-related Asthma. What are the benefits of medical screening and surveillance?** Eur Respir Rev. 2012 Jun 1;21(124):105-11.

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**Work-related asthma in France: recent trends for the period 2001-2009.** Occup Environ Med. 2012 Jun;69(6):391-7.

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68. Money A, Carder M, Turner S, Hussey L, Agius R. **Surveillance for work-related audiological disease in the UK: 1998-2006.** Occup Med (Lond). 2011 Jun;61(4):226-33.
69. Trout DB. **General principles of medical surveillance: implications for workers potentially exposed to nanomaterials.** J Occup Environ Med. 2011 Jun;53(6 Suppl):S22-4.
70. Nasterlack M. **Role of medical surveillance in risk management.** J Occup Environ Med. 2011 Jun;53(6 Suppl):S18-21.
71. Dulon M, Peters C, Wendeler D, Nienhaus A. **Trends in occupational airway diseases in German hairdressers: frequency and causes.** Am J Ind Med. 2011 Jun;54(6):486-93.
72. Plat MJ, Frings-Dresen MH, Sluiter JK. **A systematic review of job-specific workers' health surveillance activities for fire-fighting, ambulance, police and military personnel.** Int Arch Occup Environ Health. 2011 Dec;84(8):839-57.

# Annex II: Occupational Diseases Surveillance studies of Agius or Spreeuwers in PubMed

**Frank van Dijk VUMc**

## Motive and aim

Raymond Agius and his group of scientists in Manchester UK, and Dick Spreeuwers and his group in Amsterdam the Netherlands both have contributed much to the development of surveillance systems primarily focused not on compensation but on prevention. For that reason I decided to perform a separate literature search for both authors and the groups connected with them.

## Methods, material

Search terms: (Agius R) OR (Spreeuwers D)

Filters: Abstract; published in the last 10 years

This search shows 117 articles (results).

Hand-selected on OD surveillance relevant articles gives a collection of 43 articles (results).

I added 3 not yet covered but relevant articles from another search with the search terms:

“(Spreeuwers OR Agius) AND (Occupational Diseases) [Mesh]”

Filters: published in the last 10 years.

So the final collection contains 46 articles (results).

## Results: Titles of 46 articles

First an overview is presented with only the author(s), title and journal of all publications, thereafter follows the same overview but now including the abstract text as well.

Overview of title, author(s) and journal

- 1: The utility of information collected by occupational disease surveillance systems.

Money A, Carder M, Hussey L, Agius RM.

Occup Med (Lond). 2015 Nov;65(8):626-31. PMID:26503977

- 2: Attribution of mental illness to work: a Delphi study.

Wong MG, Poole CJ, Agius R.

Occup Med (Lond). 2015 Jul;65(5):391-7. PMID:25979734

- 3: Workplace injury data reported by occupational physicians and general practitioners.

Jabbour R, Turner S, Hussey L, Page F, Agius R.

Occup Med (Lond). 2015 Jun;65(4):296-302. PMID:25883217

- 4: Interventions to increase the reporting of occupational diseases by physicians.

Curti S, Sauni R, Spreeuwens D, De Schryver A, Valenty M, Rivière S, Mattioli S.

Cochrane Database Syst Rev. 2015 Mar 25;3:CD010305. PMID:25805310

- 5: Trends in incidence of occupational asthma, contact dermatitis, noise-induced hearing loss, carpal tunnel syndrome and upper limb musculoskeletal disorders in European countries from 2000 to 2012.

Stocks SJ, McNamee R, van der Molen HF, Paris C, Urban P, Campo G, Sauni R, Martínez Jarreta B, Valenty M, Godderis L, Miedinger D, Jacquetin P, Gravseth HM, Bonneterre V, Telle-Lamberton M, Bensefa-Colas L, Faye S, Mylle G, Wannag A, Samant Y, Pal T, Scholz-Odermatt S, et al.

Occup Environ Med. 2015 Apr;72(4):294-303. PMID:25575531

- 6: Investigating work-related neoplasia associated with solar radiation.

Turner S, Forman SD, McNamee R, Wilkinson SM, Agius R.

Occup Med (Lond). 2015 Jan;65(1):22-8. PMID:25421392

- 7: Work-related ill-health: Republic of Ireland, Northern Ireland, Great Britain 2005-2012.

Money A, Carder M, Noone P, Bourke J, Hayes J, Turner S, Agius R.

Occup Med (Lond). 2015 Jan;65(1):15-21. PMID:25324486

- 8: Cases of occupational dermatitis and asthma in beauticians that were reported to The Health and Occupation Research (THOR) network from 1996 to 2011.

Kwok C, Money A, Carder M, Turner S, Agius R, Orton D, Wilkinson M.

Clin Exp Dermatol. 2014 Jul;39(5):590-5. PMID:24934913

- 9: Workforce coverage by GB occupational physicians and disease incidence rates.

Carder M, Money A, Turner S, Agius R.

Occup Med (Lond). 2014 Jun;64(4):271-8. PMID:24727562

- 10: Time trends in the incidence of work-related mental ill-health and musculoskeletal disorders in the UK.

Carder M, McNamee R, Turner S, Hodgson JT, Holland F, Agius RM.

Occup Environ Med. 2013 May;70(5):317-24. PMID:23343862

- 11: Comparison of work-related ill-health data from different GB sources.

Hussey L, Carder M, Money A, Turner S, Agius R.

Occup Med (Lond). 2013 Jan;63(1):30-7. PMID:23071174

- 12: Registration of work-related diseases, injuries, and complaints in Aruba, Bonaire, and Curaçao.

Spreeuwens D, Strikwerda DC, Weel AN.

Rev Panam Salud Publica. 2012 Feb;31(2):109-14. PMID:22522872

- 13: Annual incidence of occupational diseases in economic sectors in The Netherlands.

van der Molen HF, Kuijer PP, Smits PB, Schop A, Moeijes F, Spreeuwens D, Frings-Dresen MH.

Occup Environ Med. 2012 Jul;69(7):519-21. PMID:22383586

- 14: Work-related asthma in France: recent trends for the period 2001-2009.

Paris C, Ngatchou-Wandji J, Luc A, McNamee R, Bensefa-Colas L, Larabi L, Telle-Lamberton M, Herin F, Bergeret A, Bonnetterre V, Brochard P, Choudat D, Dupas D, Garnier R, Pairon JC, Agius RM, Ameille J; Members of the RNV3P.

Occup Environ Med. 2012 Jun;69(6):391-7. PMID:22383588

- 15: Work-related sickness absence as reported by UK general practitioners.

Hussey L, Turner S, Thorley K, McNamee R, Agius R.

Occup Med (Lond). 2012 Mar;62(2):105-11.

PMID:22234964

- 16: Development and validation of a screening questionnaire for noise-induced hearing loss.

Rosso M, Agius R, Calleja N.

Occup Med (Lond). 2011 Sep;61(6):416-21. PMID:21846812

- 17: Has European Union legislation to reduce exposure to chromate in cement been effective in reducing the incidence of allergic contact dermatitis attributed to chromate in the UK?

Stocks SJ, McNamee R, Turner S, Carder M, Agius RM.

Occup Environ Med. 2012 Feb;69(2):150-2. PMID:21849347

- 18: Occupation and work-related ill-health in UK construction workers.

Stocks SJ, Turner S, McNamee R, Carder M, Hussey L, Agius RM.

Occup Med (Lond). 2011 Sep;61(6):407-15. PMID:21752940

- 19: Review on the validity of self-report to assess work-related diseases.

Lenderink AF, Zoer I, van der Molen HF, Spreeuwens D, Frings-Dresen MH, van Dijk FJ.

Int Arch Occup Environ Health. 2012 Apr;85(3):229-51. PMID: 21667280

- 20: Surveillance for work-related audiological disease in the UK: 1998-2006.

Money A, Carder M, Turner S, Hussey L, Agius R.

Occup Med (Lond). 2011 Jun;61(4):226-33. PMID:21622911

- 21: Work-related upper extremity disorders: one-year follow-up in an occupational diseases registry.

Spreeuwers D, de Boer AG, Verbeek JH, van Beurden MM, de Wilde NS, Braam I, Willemse Y, Pal TM, van Dijk FJ.

Int Arch Occup Environ Health. 2011 Oct;84(7):789-96. PMID:21274724
- 22: Improving estimates of specialist-diagnosed, work-related respiratory and skin disease.

Carder M, McNamee R, Turner S, Hussey L, Money A, Agius R.

Occup Med (Lond). 2011 Jan;61(1):33-9. PMID:21059739
- 23: Evaluation of occupational disease surveillance in six EU countries.

Spreeuwers D, de Boer AG, Verbeek JH, van Dijk FJ.

Occup Med (Lond). 2010 Oct;60(7):509-16. PMID:20871020
- 24: The incidence of medically reported work-related ill health in the UK construction industry.

Stocks SJ, McNamee R, Carder M, Agius RM.

Occup Environ Med. 2010 Aug;67(8):574-6. PMID:20647381
- 25: Medically reported work-related ill-health in the UK agricultural sector.

Stocks SJ, Turner S, Carder M, Hussey L, McNamee R, Agius RM.

Occup Med (Lond). 2010 Aug;60(5):340-7. PMID:20407042
- 26: Comparison of work-related ill health reporting by occupational physicians and general practitioners.

Hussey L, Turner S, Thorley K, McNamee R, Agius R.

Occup Med (Lond). 2010 Jun;60(4):294-300. PMID:20360174
- 27: Time-sampled versus continuous-time reporting for measuring incidence.

McNamee R, Chen Y, Hussey L, Agius R.

Epidemiology. 2010 May;21(3):376-8. PMID:20220522
- 28: Agreement in diagnosing occupational asthma by occupational and respiratory physicians who report to surveillance schemes for work-related ill-health.

Turner S, McNamee R, Roberts C, Bradshaw L, Curran A, Francis M, Fishwick D, Agius R.

Occup Environ Med. 2010 Jul;67(7):471-8. PMID:19914912
- 29: Characteristics of national registries for occupational diseases: international development and validation of an audit tool (ODIT).

Spreeuwers D, de Boer AG, Verbeek JH, van Dijk FJ.

BMC Health Serv Res. 2009 Oct 23;9:194. PMID:19852775

- 30: Information and feedback to improve occupational physicians' reporting of occupational diseases: a randomised controlled trial.

Lenderink AF, Spreeuwiers D, van der Klink JJ, van Dijk FJ.

Int Arch Occup Environ Health. 2010 Apr;83(4):381-8. PMID:19830449

- 31: Work-related mental ill-health and 'stress' in the UK (2002-05).

Carder M, Turner S, McNamee R, Agius R.

Occup Med (Lond). 2009 Dec;59(8):539-44. PMID:19696131

- 32: Work-related musculoskeletal conditions: evidence from the THOR reporting system 2002-2005.

Slovak A, Carder M, Money A, Turner S, Agius R.

Occup Med (Lond). 2009 Oct;59(7):447-53. PMID:19491218

- 33: Continuing professional development in occupational medicine for general practitioners.

Thorley K, Turner S, Hussey L, Agius R.

Occup Med (Lond). 2009 Aug;59(5):342-6. PMID:19286990

- 34: The validity and reliability of diagnoses of work-related mental ill-health.

O'Neill E, McNamee R, Agius R, Gittins M, Hussey L, Turner S.

Occup Environ Med. 2008 Nov;65(11):726-31. PMID:18940955

- 35: Work-related ill health in general practice, as reported to a UK-wide surveillance scheme.

Hussey L, Turner S, Thorley K, McNamee R, Agius R.

Br J Gen Pract. 2008 Sep;58(554):637-40. PMID:18801281

- 36: Sentinel surveillance of occupational diseases: a quality improvement project.

Spreeuwiers D, de Boer AG, Verbeek JH, de Wilde NS, Braam I, Willemse Y, Pal TM, van Dijk FJ.

Am J Ind Med. 2008 Nov;51(11):834-42. PMID:18651577

- 37: Health, work and the general practitioner.

Thorley K, Hussey L, Agius R.

Occup Med (Lond). 2008 Jun;58(4):233-5. PMID:18508866

- 38: The effectiveness of an educational programme on occupational disease reporting.

Smits PB, de Boer AG, Kuijer PP, Braam I, Spreeuwiers D, Lenderink AF, Verbeek JH, van Dijk FJ.

Occup Med (Lond). 2008 Aug;58(5):373-5. PMID:18504259

- 39: Measurement of trends in incidence of work-related skin and respiratory diseases, UK 1996-2005.

McNamee R, Carder M, Chen Y, Agius R.

Occup Environ Med. 2008 Dec;65(12):808-14. PMID:18417553

- 40: Diagnosing and reporting of occupational diseases: a quality improvement study.

Spreeuwers D, de Boer AG, Verbeek JH, van Beurden MM, van Dijk FJ.

Occup Med (Lond). 2008 Mar;58(2):115-21. PMID:18211909

- 41: CPD for GPs using the THOR-GP website.

Thorley K, Turner S, Hussey L, Zarin N, Agius R.

Occup Med (Lond). 2007 Dec;57(8):575-80. PMID:18045978

- 42: The incidence of occupational skin disease as reported to The Health and Occupation Reporting (THOR) network between 2002 and 2005.

Turner S, Carder M, van Tongeren M, McNamee R, Lines S, Hussey L, Bolton A, Beck MH, Wilkinson M, Agius R.

Br J Dermatol. 2007 Oct;157(4):713-22. PMID:17596159

- 43: Occupational dermatitis related to chromium and cobalt: experience of dermatologists (EPIDERM) and occupational physicians (OPRA) in the U.K. over an 11-year period (1993-2004).

Athavale P, Shum KW, Chen Y, Agius R, Cherry N, Gawkrödger DJ; EPIDERM.

Br J Dermatol. 2007 Sep;157(3):518-22. PMID:17596174

44: Specialist competencies in occupational medicine: appraisal of the peer-reviewed literature.

Gallagher F, Pilkington A, Wynn P, Johnson R, Moore J, Agius R.

Occup Med (Lond). 2007 Aug;57(5):342-8. PMID:17556769

- 45: Work-related infectious disease reported to the Occupational Disease Intelligence Network and The Health and Occupation Reporting network in the UK (2000-2003).

Turner S, Lines S, Chen Y, Hussey L, Agius R.

Occup Med (Lond). 2005 Jun;55(4):275-81. PMID:15982976

- 46: Physicians' beliefs in the assessment of work attribution when reporting musculoskeletal disorders.

Chen Y, Agius R, McNamee R, Turner S, **Taylor S, Fulluck L**, Lines S, Roberts C, Hussey L.

Occup Med (Lond). 2005 Jun;55(4):298-307. PMID:15982979

## **Annex III: PubMed publications on occupational health & safety in Turkey (2011-2015) relevant for the surveillance of occupational diseases, work-related diseases and work injuries in Turkey**

**Frank van Dijk VUMc**

### **Aim**

The aim of the search was to collect recent information in scientific articles relevant for the development of surveillance of occupational/work-related diseases and injuries/accidents in Turkey.

### **Search procedure**

#### **Step 1**

First a literature research has been performed by the author in PubMed at 8 March 2016.

#### **Search terms used were:**

turk\* (Turk, Turkish, Turkey, Turks's ) when present in titles or abstract [tiab]) in combination with Mesh abstracts are taken directly from the published article. If an article does not have a published abstract, NLM does not create one.

You can find all explanations on this web page

<http://www.ncbi.nlm.nih.gov/books/NBK3827/#pubmedhelp.Filters>

Filters used: published in the last 5 yrs, having abstract, human studies.

terms for Occupational Diseases, Occupational Health, Occupational Health Physicians, Occupational Health Services, or Occupational Health Nursing

OR turk\* in combination with the term 'occupational' [tiab].

Title/Abstract [TIAB] ; Words and numbers included in a citation's title, collection title, abstract, other abstract and keywords.

#### **Step 2**

A hand-made selection was made analyzing all 152 titles and abstracts resulting in 90 titles/abstracts selected. The inclusion criterion was the perceived usefulness of the publication to develop a recent overview of the kind, magnitude, trends, location and sometimes causes or determinants of occupational/work-related diseases and injuries/accidents present in Turkey. A few publications focused as well on assessment aspects. Studies investigating only one company or region or sector were included as examples that could use as a first signal of problems in larger populations. Such studies can also be useful to look at the methods used and are useful to show government, employers and employees that more surveillance is needed to get figures covering a larger population. Exclusion criteria were: publications not dealing with health of Turkish workers; publications dealing with diseases that have no potential origin in work and have no potential consequences for functioning at work or work performance; publications only reporting about Turkish workers' populations working outside Turkey.



Presented are the journals, titles, authors and the unique PubMed identification number, PMID. The presentation is in the order of the presence in PubMed (NLM), the most recent are presented first.

1. Cent Eur J Public Health. 2014 Dec;22(4):262-5.

Prevalence of latex allergy among healthcare workers in Izmir (Turkey).

Köse S, Mandiracioğlu A, Tatar B, Gül S, Erdem M. PMID: 25622485

2. Int Marit Health. 2014;65(4):187-91. doi: 10.5603/IMH.2014.0036.

A research on obesity among Turkish seafarers.

Nas S1, Fışkın R. PMID: 25522701

3. Int Nurs Rev. 2015 Mar;62(1):92-101. doi: 10.1111/inr.12157

Predisposing factors for musculoskeletal symptoms in intensive care unit nurses.

Sezgin D1, Esin MN. PMID: 25440528

3. Eur J Gen Pract. 2015 Jun;21(2):97-102. doi: 10.3109/13814788.2014.966075.

The influence of a market-oriented primary care reform on family physicians' working conditions: A qualitative study in Turkey.

Çiçeklioğlu M1, Öcek ZA, Turk M, Taner Ş. PMID: 25387227

4. J Agromedicine. 2014;19(4):364-72. doi: 10.1080/1059924X.2014.945706.

Health-risk behaviors in agriculture and related factors, southeastern Anatolian region of Turkey.

Yavuz H1, Simsek Z, Akbaba M. PMID: 25275402

5. Prev Vet Med. 2014 Nov 1;117(1):52-8. doi: 10.1016/j.prevetmed.2014.07.010.

Risk factors for occupational brucellosis among veterinary personnel in Turkey.

Kutlu M1, Ergonul O2, Sayin-Kutlu S3, Guven T4, Ustun C5, Alp-Cavus S6, et al. PMID:25132061

6. J R Army Med Corps. 2015 Jun;161(2):112-5. doi: 10.1136/jramc-2014-000267.

Prevalence of skin diseases in civilian and military population in a Turkish military hospital in the central Black Sea region.

Şenel E1, Doğruer Şenel S2, Salmanoğlu M3. PMID: 25091572

7. ScientificWorldJournal. 2014;2014:185342. doi: 10.1155/2014/185342.

Health risks faced by Turkish agricultural workers.

Çakmur H1. PMID: 25054165

8. Int J Occup Saf Ergon. 2014;20(2):323-38.

Health and safety perception of workers in Turkey: a survey of construction sites.

Ulubeyli S1, Kazaz A2, Er B2. PMID: 24934428

9. Ann Agric Environ Med. 2014;21(1):25-8.

Respiratory symptoms and functions in barn workers.

- Gulec Balbay E1, Cakiroglu EB1, Arbak P1, Balbay O1, Avcioglu F2, Belada A3. PMID: 24742035
10. Int Forum Allergy Rhinol. 2014 Jul;4(7):555-8. doi: 10.1002/alr.21314.  
Characteristics of venom allergic reactions in Turkish beekeepers and alternative treatment modalities.  
Çeliksoy MH1, Sancak R, Söğüt A, Güner SN, Korkmaz A. PMID: 24668848
11. Med Sci Monit. 2014 Mar 18;20:438-43. doi: 10.12659/MSM.890045.  
Autopsy evaluation of coal mining deaths in the city of Zonguldak, Turkey.  
Ozer E1, Yilmaz R2, Evcuman D3, Yildirim A1, Cetin I4, Kocak U5, Ergen K6. PMID: 24643126
12. Cutan Ocul Toxicol. 2014 Dec;33(4):299-302. doi: 10.3109/15569527.2013.866132.  
Patch test results of the dental personnel with contact dermatitis.  
Kocak O1, Gul U. PMID: 24641115
13. Inhal Toxicol. 2014 Apr;26(5):259-70. doi: 10.3109/08958378.2014.881940.  
Perlite toxicology and epidemiology--a review.  
Maxim LD1, Niebo R, McConnell EE. PMID: 24601903
14. Adv Clin Exp Med. 2014 Jan-Feb;23(1):49-55.  
Arylestarase and oxidative stress in operating room personnel.  
Cerit N1, Onuk AA, Ellidag HY, Eren E, Bulbuller N, Yilmaz N. PMID: 24596003
15. Emerg Infect Dis. 2014 Mar;20(3):477-9. doi: 10.3201/eid2003.131353.  
Crimean-Congo hemorrhagic fever among health care workers, Turkey.  
Celikbas AK, Dokuzoğuz B, Baykam N, Gok SE, Eroğlu MN, Midilli K, Zeller H, Ergonul O. PMID: 24564994
16. Med Sci Monit. 2013 Dec 18;19:1176-82. doi: 10.12659/MSM.889681.  
Longitudinal pulmonary functional loss in cotton textile workers: a 5-year follow-up study.  
Kahraman H1, Sucakli MH2, Kilic T3, Celik M4, Koksall N5, Ekerbicer HC6. PMID: 24346118
17. Arch Environ Occup Health. 2014;69(3):159-66. doi: 10.1080/19338244.2013.763758.  
Relationship of burnout with personality, alexithymia, and coping behaviors among physicians in a semiurban and rural area in Turkey.  
Taycan O1, Taycan SE, Celik C. PMID: 24325746
18. Int J Soc Psychiatry. 2014 Nov;60(7):646-55. doi: 10.1177/0020764013511791.  
The relationship between working status and symptoms, quality of life and self-esteem in patients with schizophrenia in Turkey.  
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## Annex IV: WHO, ILO, EU-OSHA, EUROFOUND, OSHA and Eurostat publications on occupational health & safety

Laurie Hermans and Jolanda ter Laak TNO

### Search procedure

On the website of key international organisations have been sought for relevant documents, being WHO, ILO, EU-OSHA, EUROFOUND, OSHA and Eurostat. The keywords which have been used are: “occupational diseases” OR “occupational illnesses” (AND “Turkey”), OR “occupational health” (AND Turkey).

The keywords were adjusted in correspondence to the amount of search results. Specifically, for the

- World Health Organization has been searched for occupational disease and occupational health
- EU-OSHA has been searched for occupational diseases, occupational illnesses, Turkey
- International Labour Organisation has been searched for occupational disease, occupational diseases and Turkey
- EUROFOUND has been searched for occupational diseases and occupational illnesses and occupational health
- Eurostat has been searched for occupational diseases and occupational health
- OSHA has been searched for occupational diseases, occupational health, occupational illnesses.

*The searches on the websites of EUROFOUND and OSHA gave no results.*

### World Health Organization (searched for occupational disease and occupational health)

#### Publications

Outline for the Development of National Programmes for Elimination of Asbestos-Related Diseases/ WHO and ILO [http://www.who.int/occupational\\_health/publications/asbestosdoc/en/](http://www.who.int/occupational_health/publications/asbestosdoc/en/)

Postexposure prophylaxis against human immunodeficiency virus (HIV): new guidelines from the WHO: a perspective : Clinical Infectious Diseases supplement on HIV postexposure prophylaxis Jonathan E. Kaplan, Kenneth Dominguez, Kebba Jobarteh and Thomas J. Spira

<http://www.who.int/hiv/pub/prophylaxis/pep-supplement-09/en/>

World Health Organization Guidelines on postexposure prophylaxis for HIV: recommendations for a public health approach Clinical Infectious Diseases supplement on HIV postexposure prophylaxis/Nathan Ford and Kenneth H. Mayer for the World Health Organization Postexposure Prophylaxis Guideline Development Group <http://www.who.int/hiv/pub/prophylaxis/pep-supplement-02/en/>

Laboratory diagnosis of Ebola virus disease Interim guideline (2014) <http://www.who.int/csr/resources/publications/ebola/laboratory-guidance/en/>

Ebola: WHO recovery toolkit (2015) <http://www.who.int/csr/resources/publications/ebola/recovery-toolkit/en/>

WHO strategy for prevention and control of chronic respiratory diseases (2002) [http://www.who.int/respiratory/publications/crd\\_strategy/en/](http://www.who.int/respiratory/publications/crd_strategy/en/)

Health worker Ebola infections in Guinea, Liberia and Sierra Leone Preliminary report (2015)

<http://www.who.int/csr/resources/publications/ebola/health-worker-infections/en/>

Global programme to eliminate lymphatic filariasis: progress report, 2013 Weekly epidemiological record(2014) [http://www.who.int/lymphatic\\_filariasis/resources/who\\_wer8938/en/](http://www.who.int/lymphatic_filariasis/resources/who_wer8938/en/)

Protecting Workers' Health Series No. 9 - Guidance on the European Framework for Psychosocial Risk Management Guidance on the European Framework for Psychosocial Risk Management (2008) [http://www.who.int/occupational\\_health/publications/Protecting\\_Workers\\_Health\\_Series\\_No\\_9/en/](http://www.who.int/occupational_health/publications/Protecting_Workers_Health_Series_No_9/en/)

Protecting Workers' Health Series No. 3 Work organization and stress/ Stavroula Leka, Amanda Griffiths, Tom Cox (2005) [http://www.who.int/occupational\\_health/publications/stress/en/](http://www.who.int/occupational_health/publications/stress/en/)

Occupational noise: Assessing the burden of disease from work-related hearing impairment at national and local levels Environmental burden of disease series, No. 9 (2004) [http://www.who.int/quantifying\\_ehimpacts/publications/9241591927/en/](http://www.who.int/quantifying_ehimpacts/publications/9241591927/en/)

*Only 3 publications in Turkish (1976 and 1978)*

Title: Occupational health: a manual for primary health care workers Other Titles: العامل بين دلي المهذبة الصحة  
المدامل بين دلي المهذبة الصحة الأولة Authors: World Health Organization, Regional Office for the Eastern  
Mediterranean Issue Date: 2002 - See more at:  
<http://apps.who.int/iris/handle/10665/116326#sthash.2qgcLo76.dpuf>

## Tools

Leishmaniasis (2016)

<http://www.who.int/mediacentre/factsheets/fs375/en/>

Asbestos: elimination of asbestos-related diseases (2014) Fact sheet N°343  
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Protecting workers' health (2014) Fact sheet N°389 <http://www.who.int/mediacentre/factsheets/fs389/en/>

Schistosomiasis Schistosomiasis (2016)

<http://www.who.int/mediacentre/factsheets/fs115/en/>

Chronic obstructive pulmonary disease (COPD) (2015) Fact sheet N°315  
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Deafness and hearing loss (2015) Fact sheet N°300 <http://www.who.int/mediacentre/factsheets/fs300/en/>

Cancer (2015) Fact sheet N°297

<http://www.who.int/mediacentre/factsheets/fs297/en/>

Hepatitis B (2015) Fact sheet N°204

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<http://www.who.int/mediacentre/factsheets/fs307/en/>

Environmental and occupational cancers (2011) Fact sheet N°350

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Mercury and health (2016)

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HIV/AIDS (2015) Fact sheet N°360

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## Annex V: Occupational Diseases Surveillance studies in Scopus

**Anita Venema and Jolanda ter Laak (TNO)**

### **Motive and aim**

Since PubMed is focusing on scientific medical journals the PubMed search was repeated with search engine Scopus.

### **Methods, material**

Step 1 Search with key words, the first step in Scopus

Search terms used on 31-3-2016:

("Occupational Diseases"[Mesh]) AND ("Sentinel Surveillance"[Mesh] OR "Population Surveillance"[Mesh] OR "Epidemiological Monitoring"[Mesh] OR "surveillance"[tiab])

Step 2 Use Filters to reduce the number of hits

The filters used are: Abstract, Published in 2011-2013 and 2014-now, English language. The filter 'Humans' is not available in Scopus.

After applying these filters you will get (about) 854 results, so 854 titles, abstracts etc, mostly scientific articles.

Step 3 Select only those hits that were not already found in the PubMed search.

This was done by using the Journal titles from the PubMed search as a filter.

Step 4 Select the titles (sometimes looking at the abstracts as well), by hand on the criterion of relevancy for your goals

Selection by Anita Venema based on exclusion of only medical issues and inclusion of potential interesting non-medical journals 27 04 2016.

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