Supplemental Appendix 1 Study cohorts and investigators included in this analysis

China

Hong Kong Cardiovascular Disease Risk Factor Prevalence Study: T.H. Lam, S.Y. Ho, Department of Community Medicine, University of Hong Kong, Hong Kong, China, and E.D. Janus, Department of Medicine, University of Melbourne, Australia.

Hong Kong Workforce Survey on CVD Risk Factors: G.T.C. Ko, J.C.N. Chan, C.S. Cockram, The Chinese University of Hong Kong, The Prince of Wales Hospital, Hong Kong, China.

Qingdao Diabetes Survey 2002: Y.H. Dong\textsuperscript{1}, W.G. Gao\textsuperscript{1,2,3}, 1. Qingdao Endocrinology and Diabetes Hospital and Institute, Qingdao, China; 2. Department of Public Health, University of Helsinki, Helsinki, Finland; 3. Diabetes Prevention Unit, Department of Chronic Disease Prevention, National Institute for Health and Welfare, Helsinki, Finland.


Finland

East-West men: A. Nissinen\textsuperscript{1}, J. Pekkanen\textsuperscript{1}, J. Tuomilehto\textsuperscript{1,2,3}. 1. Diabetes Prevention Unit, Department of Chronic Disease Prevention, National Institute for Health and Welfare, Helsinki; 2. Department of Public Health, University of Helsinki, Helsinki; 3. South Ostrobothnia Central Hospital, Seinäjoki.

FINMONICA: J. Tuomilehto\textsuperscript{1,2}, P. Jousilahti\textsuperscript{2}, J. Lindström\textsuperscript{2}, 1. Department of Public Health, University of Helsinki, Helsinki; 2. Diabetes Prevention Unit, Department of Chronic Disease Prevention, National Institute for Health and Welfare, Helsinki.

The National FINRISK Study 2002: J. Tuomilehto\textsuperscript{1,2}, T. Laatikainen\textsuperscript{2}, M. Peltonen\textsuperscript{2}, J. Lindström\textsuperscript{2}, 1. Department of Public Health, University of Helsinki, Helsinki; 2. Diabetes
Prevention Unit, Department of Chronic Disease Prevention, National Institute for Health and Welfare, Helsinki.

**Oulu Study:** S Keinänen-Kiukaanniemi\textsuperscript{1,2,3}, U. Rajala\textsuperscript{1}, M. Laakso\textsuperscript{1,3}, 1. The Institute of Health Sciences, University of Oulu, Oulu; 2. Oulu Health Centre; 3. Oulu University Hospital, Unit of General practice.

**Savitaipale Study:** J. Saramies. Savitaipale Health Center, Savitaipale.

**Vantaa Study:** R. Tilvis\textsuperscript{1}, J. Tuomilehto\textsuperscript{2,3}, 1. Division of geriatrics, Department of medicine, University of Helsinki, Helsinki. 2. Diabetes Prevention Unit, Department of Chronic Disease Prevention, National Institute for Health and Welfare, Helsinki; 3. Department of Public Health, University of Helsinki, Helsinki.

**India**

- **The Chennai 94 Study:** A. Ramachadran, Diabetes Research Center, Chennai, India.
- **The Chennai Urban Population Study (CUPS) 1997:** V. Mohan, Madras Diabetes Research Foundation and Dr. Mohan’s Diabetes Specialities Centre, Chennai, India.
- **Chennai Urban Rural Epidemiological Study (CURES):** V. Mohan, M. Deepa, Madras Diabetes Research Foundation and Dr. Mohan’s Diabetes Specialities Centre, Chennai, India.
- **The Chennai 2006 Study:** A. Ramachadran, Diabetes Research Center, Chennai, India.

**Italy**

- **Cremona Study:** M.P. Garancini, G. Galori, G. Ruotolo. Division of Metabolic and Cardiovascular Diseases, San Raffaele Scientific Institute, Milan, Italy.

**Japan**

- **Funagata Diabetes Study:** T. Kato, Department of Neurology, Hematology, Metabolism, Endocrinology and Diabetology (DNHMED), Yamagata University School of Medicine, Yamagata, Japan.
- **The Hisayama study:** Y. Doi, T. Ninomiya, Y. Kiyohara, Department of
Mauritius  

*Mauritius Non-Communicable Disease Study:* P. Zimmet¹, J Tuomilehto²,³, J. Shaw¹, K.G.M.M. Alberti⁴, S. Söderberg¹,⁵, Sudhir Knowlessur⁶.

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Poland  

**POLMONICA (Krakow):** A. Pajak, E. Kawalec, Department of Epidemiology and Population Studies, Institute of Public Health, Unit of Health Care, Collegium Medicum Jagiellonian University, Krakow.

Republic of Cyprus  

**Nicosia Diabetes Study:** T.G.Loizou, Nicosia Diabetes Center and S. Pouloukas, Department of Computer Science and Engineering, Intercollege, Cyprus.

Spain  

**The Guía Study:** P.L. de Pablos-Velasco, F.J. Martinez-Martin, F. Rodriguez-Perez, Endocrinology Department, Hospital de Gran Canaria Dr Negrin, Las Palmas University, Las Palmas.


Sweden  

**Northern Sweden MONICA:** S. Söderberg¹,², M. Eliasson¹, 1. Department of Public Health and Clinical Medicine, Cardiology, University of Umeå, Sweden. 2. Baker IDI Heart and Diabetes Institute, Melbourne, Australia.

**The Uppsala Longitudinal Study of Adult Men (ULSAM):** B. Zethelius, Department of Public Health/Geriatrics, Uppsala University Hospital, Uppsala.
The Netherlands  
**The Hoorn Study:** J.M. Dekker\(^1\), G. Nijpels\(^1\), C.D.A. Stehouwer\(^2\). 1. Institute for Research in Extramural Medicine, Vrije Universiteit Medical Center, Amsterdam. 2. Department of Internal Medicine, Maastricht University Medical Centre, AZ Maastricht.

**Zutphen Study:** Ed. Feskens\(^{1,2}\). 1. Center for Nutrition and Health, National Institute for Public Health and the Environment, Bilthoven. 2. Division of Human Nutrition, Wageningen University, Wageningen.

United Kingdom  
**Isle of Ely Diabetes Project:** N.J. Wareham, MRC Epidemiology Unit, Strangeways Research Labs, Cambridge.

**Newcastle Heart Project:** N. Unwin\(^1\), N. Ahmad\(^1\), K.G.M.M. Alberti\(^2\), L. Hayes\(^1\). 1. Department of Medicine and Epidemiology and Public Health, University of Newcastle, Newcastle; 2. Imperial College, St Mary's Campus, St Mary's Hospital, London.

**The Goodinge Study:** R. W. Morris, J. S. Yudkin, M. Gould, A. Haines, Department of Primary Care & Population Sciences, Royal Free and University College Medical School, London.