Activity-friendly neighborhoods for children

measurement of physical activity and environmental correlates

Sanne de Vries
The studies presented in this thesis were performed at TNO Quality of Life, Department of Health Promotion, Leiden, the Netherlands. TNO Quality of Life participates in Body@Work, Research Center on Physical Activity, Work and Health, which is a joint initiative of VU University Medical Center (Department of Public and Occupational Health, EMGO Institute for Health and Care Research), VU University Amsterdam, and TNO Quality of Life.

The studies were financially supported by grants from the Dutch Ministry of Health, Welfare, and Sport (VWS), the Dutch Ministry of Housing, Spatial Planning and the Environment (VROM), and the Erasmus Medical Center. Additional funding has kindly been provided by TNO Quality of Life and Body@Work, Research Center on Physical Activity, Work and Health.

Financial support for the printing of this thesis has kindly been provided by TNO Quality of Life and Body@Work, Research Center on Physical Activity, Work and Health.

Printed by: Leiden, De Bink
Cover and layout by: Jaap van der Plas
Photographs by: Sanne de Vries

© 2009 by Sanne de Vries, Leiden, the Netherlands

All rights reserved. No part of this publication may be reproduced, or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or information storage and retrieval, without prior written permission from the author, or when appropriate, from the publishers of the papers.
Activity-friendly neighborhoods for children

measurement of physical activity and environmental correlates

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan de Vrije Universiteit Amsterdam, op gezag van de rector magnificus prof.dr. L.M. Bouter, in het openbaar te verdedigen ten overstaan van de promotiecommissie van de faculteit der Geneeskunde op donderdag 26 november 2009 om 10.45 uur in de aula van de universiteit, De Boelelaan 1105

door

Sanne Irene de Vries

geboren te Amsterdam
promotoren: prof.dr. W. van Mechelen
            prof.dr. R.A. Hirasing

copromotoren: prof.dr. M. Hopman-Rock
            dr.ir. I. Bakker