
Bibliography

1. Lee IM, Paffenbarger RS, Jr., Hennekens CH. Physical activity, physical fitness and longevity. *Aging (Milano)* 1997, 9(1-2):2-11.
2. Paffenbarger RS, Jr., Hyde RT, Wing AL, Hsieh CC. Physical activity, all-cause mortality, and longevity of college alumni. *N Engl J Med* 1986, 314(10):605-613.
3. World Health Organization. Reducing risks, promoting healthy life. World Health Report 2002. In: *2002; Geneva*: World Health Organization; 2002.
4. Powell KE, Blair SN. The public health burdens of sedentary living habits: theoretical but realistic estimates. *Med Sci Sports Exerc* 1994, 26(7):851-856.
5. Warburton DE, Nicol CW, Bredin SS. Health benefits of physical activity: the evidence. *CMAJ* 2006, 174(6):801-809.
6. Speiser PW, Rudolf MC, Anhalt H, Camacho-Hubner C, Chiarelli F, Eliakim A, Freemark M, Gruters A, HersHKovitz E, Iughetti L *et al.* Childhood obesity. *J Clin Endocrinol Metab* 2005, 90(3):1871-1887.
7. Livingstone MB. Childhood obesity in Europe: a growing concern. *Public Health Nutr* 2001, 4(1A):109-116.
8. Karvonen MJ, Kentala E, Mustala O. The effects of training on heart rate; a longitudinal study. *Ann Med Exp Biol Fenn* 1957, 35(3):307-315.
9. American College of Sports Medicine Position Stand. The recommended quantity and quality of exercise for developing and maintaining cardiorespiratory and muscular fitness, and flexibility in healthy adults. *Med Sci Sports Exerc* 1998, 30(6):975-991.
10. Ainsworth BE, Haskell WL, Whitt MC, Irwin ML, Swartz AM, Strath SJ, O'Brien WL, Bassett DR, Jr., Schmitz KH, Emplaincourt PO *et al.* Compendium of physical activities: an update of activity codes and MET intensities. *Med Sci Sports Exerc* 2000, 32(9 Suppl):S498-504.

11. Lee IM, Skerrett PJ. Physical activity and all-cause mortality: what is the dose-response relation? *Med Sci Sports Exerc* 2001, 33(6 Suppl):S459-471; discussion S493-454.
12. Pate RR. Physical activity and health: dose-response issues. *Res Q Exerc Sport* 1995, 66(4):313-317.
13. Lee IM, Sesso HD, Oguma Y, Paffenbarger RS, Jr. Relative intensity of physical activity and risk of coronary heart disease. *Circulation* 2003, 107(8):1110-1116.
14. Lee IM, Hsieh CC, Paffenbarger RS, Jr. Exercise intensity and longevity in men. The Harvard Alumni Health Study. *Jama* 1995, 273(15):1179-1184.
15. Lee IM, Paffenbarger RS, Jr. Associations of light, moderate, and vigorous intensity physical activity with longevity. The Harvard Alumni Health Study. *Am J Epidemiol* 2000, 151(3):293-299.
16. Paffenbarger RS, Jr., Lee IM. Intensity of physical activity related to incidence of hypertension and all-cause mortality: an epidemiological view. *Blood Press Monit* 1997, 2(3):115-123.
17. Goran MI, Treuth MS. Energy expenditure, physical activity, and obesity in children. *Pediatr Clin North Am* 2001, 48(4):931-953.
18. Wells JC, Ritz P. Physical activity at 9-12 months and fatness at 2 years of age. *Am J Hum Biol* 2001, 13(3):384-389.
19. Andersen RE, Crespo CJ, Bartlett SJ, Cheskin LJ, Pratt M. Relationship of physical activity and television watching with body weight and level of fatness among children: results from the Third National Health and Nutrition Examination Survey. *Jama* 1998, 279(12):938-942.
20. Gortmaker SL, Must A, Sobol AM, Peterson K, Colditz GA, Dietz WH. Television viewing as a cause of increasing obesity among children in the United States, 1986-1990. *Arch Pediatr Adolesc Med* 1996, 150(4):356-362.
21. Steptoe A, Butler N. Sports participation and emotional wellbeing in adolescents. *Lancet* 1996, 347(9018):1789-1792.
22. Sibley BA, Etnier JL. The relationship between physical activity and cognition in children: a meta-analysis. *Pediatric Exercise Science* 2003, 15:243-256.
23. Boreham C, Riddoch C. The physical activity, fitness and health of children. *J Sports Sci* 2001, 19(12):915-929.
24. Wedderkopp N, Froberg K, Hansen HS, Riddoch CJ, Andersen L-B. Cardiovascular risk factors cluster in children and adolescents with low physical fitness: The European Youth Heart Study (EYHS). *Pediatric Exercise Science* 2003, 15:419-427.
25. Type 2 diabetes in children and adolescents. American Diabetes Association. *Pediatrics* 2000, 105(3 Pt 1):671-680.

26. Serdula MK, Ivery D, Coates RJ, Freedman DS, Williamson DF, Byers T. Do obese children become obese adults? A review of the literature. *Prev Med* 1993, 22(2):167-177.
27. Boreham C, Twisk J, Neville C, Savage M, Murray L, Gallagher A. Associations between physical fitness and activity patterns during adolescence and cardiovascular risk factors in young adulthood: the Northern Ireland Young Hearts Project. *Int J Sports Med* 2002, 23 Suppl 1:S22-26.
28. Bass SL. The prepubertal years: a uniquely opportune stage of growth when the skeleton is most responsive to exercise? *Sports Med* 2000, 30(2):73-78.
29. Telama R, Yang X, Viikari J, Valimaki I, Wanne O, Raitakari O. Physical activity from childhood to adulthood: a 21-year tracking study. *Am J Prev Med* 2005, 28(3):267-273.
30. Janz KF, Dawson JD, Mahoney LT. Tracking physical fitness and physical activity from childhood to adolescence: the muscatine study. *Med Sci Sports Exerc* 2000, 32(7):1250-1257.
31. Malina RM. Tracking of physical activity and physical fitness across the lifespan. *Res Q Exerc Sport* 1996, 67(3 Suppl):S48-57.
32. Trudeau F, Laurencelle L, Shephard RJ. Tracking of physical activity from childhood to adulthood. *Med Sci Sports Exerc* 2004, 36(11):1937-1943.
33. Taylor WC, Blair SN, Cummings SS, Wun CC, Malina RM. Childhood and adolescent physical activity patterns and adult physical activity. *Med Sci Sports Exerc* 1999, 31(1):118-123.
34. Lasheras L, Aznar S, Merino B, Lopez EG. Factors associated with physical activity among Spanish youth through the National Health Survey. *Prev Med* 2001, 32(6):455-464.
35. Currie C, Roberts CH, Morgan A, Smith R, Settertobulte W, Samdal O, Rasmussen VB. Young People's Health in Context. Health Behaviour in School-aged Children (HBSC) study: international Report from the 2001/2002 survey. Copenhagen: World Health Organization; 2004.
36. Ortega FB, Ruiz JR, Castillo MJ, Moreno LA, Gonzalez-Gross M, Warnberg J, Gutierrez A. [Low level of physical fitness in Spanish adolescents. Relevance for future cardiovascular health (AVENA study)]. *Rev Esp Cardiol* 2005, 58(8):898-909.
37. Martinez-Gonzalez MA, Varo JJ, Santos JL, De Irala J, Gibney M, Kearney J, Martinez JA. Prevalence of physical activity during leisure time in the European Union. *Med Sci Sports Exerc* 2001, 33(7):1142-1146.
38. Varo Cenarruzabeitia JJ, Martinez Gonzalez MA, Sanchez-Villegas A, Martinez Hernandez JA, de Irala Estevez J, Gibney MJ. [Attitudes and practices regarding physical activity: situation in Spain with respect to the rest of Europe]. *Aten Primaria* 2003, 31(2):77-84; discussion 84-76.

39. Egger G, Swinburn B. An “ecological” approach to the obesity pandemic. *Bmj* 1997, 315(7106):477-480.
40. Lobstein T, Baur L, Uauy R. Obesity in children and young people: a crisis in public health. *Obes Rev* 2004, 5 Suppl 1:4-104.
41. Janssen I, Katzmarzyk PT, Boyce WF, Vereecken C, Mulvihill C, Roberts C, Currie C, Pickett W. Comparison of overweight and obesity prevalence in school-aged youth from 34 countries and their relationships with physical activity and dietary patterns. *Obes Rev* 2005, 6(2):123-132.
42. Cole TJ, Bellizzi MC, Flegal KM, Dietz WH. Establishing a standard definition for child overweight and obesity worldwide: international survey. *Bmj* 2000, 320(7244):1240-1243.
43. Flodmark CE, Lissau I, Moreno LA, Pietrobelli A, Widhalm K. New insights into the field of children and adolescents’ obesity: the European perspective. *Int J Obes Relat Metab Disord* 2004, 28(10):1189-1196.
44. Dietz WH. Health consequences of obesity in youth: childhood predictors of adult disease. *Pediatrics* 1998, 101(3 Pt 2):518-525.
45. Rosenbaum M, Leibel RL. Pathophysiology of childhood obesity. *Adv Pediatr* 1988, 35:73-137.
46. Tounian P, Aggoun Y, Dubern B, Varille V, Guy-Grand B, Sidi D, Girardet JP, Bonnet D. Presence of increased stiffness of the common carotid artery and endothelial dysfunction in severely obese children: a prospective study. *Lancet* 2001, 358(9291):1400-1404.
47. Daniels SR, Morrison JA, Sprecher DL, Khoury P, Kimball TR. Association of body fat distribution and cardiovascular risk factors in children and adolescents. *Circulation* 1999, 99(4):541-545.
48. Moreno LA, Sarria A, Fleta J, Marcos A, Bueno M. Secular trends in waist circumference in Spanish adolescents, 1995 to 2000-02. *Arch Dis Child* 2005, 90(8):818-819.
49. Moreno LA, Fleta J, Sarria A, Rodriguez G, Gil C, Bueno M. Secular changes in body fat patterning in children and adolescents of Zaragoza (Spain), 1980-1995. *Int J Obes Relat Metab Disord* 2001, 25(11):1656-1660.
50. Aranceta J, Perez Rodrigo C, Serra Majem L, Ribas Barba L, Quiles Izquierdo J, Vioque J, Tur Mari J, Mataix Verdu J, Llopis Gonzalez J, Tojo R *et al.* [Prevalence of obesity in Spain: results of the SEEDO 2000 study]. *Med Clin (Barc)* 2003, 120(16):608-612.
51. Gutierrez-Fisac JL, Banegas Banegas JR, Artalejo FR, Regidor E. Increasing prevalence of overweight and obesity among Spanish adults, 1987-1997. *Int J Obes Relat Metab Disord* 2000, 24(12):1677-1682.

52. Serra Majem L, Ribas Barba L, Aranceta Bartrina J, Perez Rodrigo C, Saavedra Santana P, Pena Quintana L. [Childhood and adolescent obesity in Spain. Results of the enKid study (1998-2000)]. *Med Clin (Barc)* 2003, 121(19):725-732.
53. Moreno LA, Sarria A, Popkin BM. The nutrition transition in Spain: a European Mediterranean country. *Eur J Clin Nutr* 2002, 56(10):992-1003.
54. Bauman A, Craig CL. The place of physical activity in the WHO Global Strategy on Diet and Physical Activity. *Int J Behav Nutr Phys Act* 2005, 2:10.
55. Washington RL, Bernhardt DT, Gomez J, Johnson MD, Martin TJ, Rowland TW, Small E, LeBlanc C, Krein C, Malina R *et al*. Organized sports for children and preadolescents. *Pediatrics* 2001, 107(6):1459-1462.
56. van Mechelen W, Verhagen E. Essay: Injury prevention in young people—time to accept responsibility. *Lancet* 2005, 366 Suppl 1:S46.
57. Cavill NA, Biddle SJ, Sallis JF. Health enhancing physical activity for young people: statement of the UK expert consensus conference. *Pediatr Exerc Sci* 2001, 13: 12-25.
58. Department of Health Physical Activity, Health Improvement and Prevention. At Least Five a Week: Evidence on the Impact of Physical Activity and its Relationship with Health. A Report from the Chief Medical Officer. London: Department of Health; 2004.
59. Corbin CB. Fitness for life physical activity pyramid for teens [poster]. Champaign, IL: Human Kinetics; 2003.
60. Corbin CB. Fitness for life physical activity pyramid for children [poster]. Champaign, IL: Human Kinetics; 2003.
61. Sallis JF. Age-related decline in physical activity: a synthesis of human and animal studies. *Med Sci Sports Exerc* 2000, 32(9):1598-1600.
62. Sallis JF. Epidemiology of physical activity and fitness in children and adolescents. *Crit Rev Food Sci Nutr* 1993, 33(4-5):403-408.
63. Robbins LB, Pender NJ, Kazanis AS. Barriers to physical activity perceived by adolescent girls. *J Midwifery Womens Health* 2003, 48(3):206-212.
64. O'Dea J A. Why do kids eat healthful food? Perceived benefits of and barriers to healthful eating and physical activity among children and adolescents. *J Am Diet Assoc* 2003, 103(4):497-501.
65. Sallis JF, Prochaska JJ, Taylor WC. A review of correlates of physical activity of children and adolescents. *Med Sci Sports Exerc* 2000, 32(5):963-975.
66. Trost SG, Pate RR, Dowda M, Saunders R, Ward DS, Felton G. Gender differences in physical activity and determinants of physical activity in rural fifth grade children. *J Sch Health* 1996, 66(4):145-150.

67. Tappe MK, Duda JL, Ehrnwald PM. Perceived barriers to exercise among adolescents. *J Sch Health* 1989, 59(4):153-155.
68. Neumark-Sztainer D, Story M, Hannan PJ, Tharp T, Rex J. Factors associated with changes in physical activity: a cohort study of inactive adolescent girls. *Arch Pediatr Adolesc Med* 2003, 157: 803-810.
69. Ministerio de Sanidad y Consumo, Ministerio de Educación y Cultura, Cultura Md: Actividad Física y Salud: Guía para Padres y Madres. In.: Ministerio de Educación y Cultura; 1999.
70. Kohl HW, 3rd, Hobbs KE. Development of physical activity behaviors among children and adolescents. *Pediatrics* 1998, 101(3 Pt 2):549-554.
71. Trost SG, Sallis JF, Pate RR, Freedson PS, Taylor WC, Dowda M. Evaluating a model of parental influence on youth physical activity. *Am J Prev Med* 2003, 25(4):277-282.
72. Kimiecik JC, Horn TS. Parental beliefs and children's moderate-to-vigorous physical activity. *Res Q Exerc Sport* 1998, 69(2):163-175.
73. Cleland V, Venn A, Fryer J, Dwyer T, Blizzard L. Parental exercise is associated with Australian children's extracurricular sports participation and cardiorespiratory fitness: A cross-sectional study. *Int J Behav Nutr Phys Act* 2005, 2(1):3.
74. Moore LL, Lombardi DA, White MJ, Campbell JL, Oliveria SA, Ellison RC. Influence of parents' physical activity levels on activity levels of young children. *J Pediatr* 1991, 118(2):215-219.
75. Krahnstoever Davison K, Francis LA, Birch LL. Reexamining obesigenic families: parents' obesity-related behaviors predict girls' change in BMI. *Obes Res* 2005, 13(11):1980-1990.
76. Gustafson SL, Rhodes RE. Parental correlates of physical activity in children and early adolescents. *Sports Med* 2006, 36(1):79-97.
77. Kalakanis LE, Goldfield GS, Paluch RA, Epstein LH. Parental activity as a determinant of activity level and patterns of activity in obese children. *Res Q Exerc Sport* 2001, 72(3):202-209.
78. Freedson PS, Evenson S. Familial aggregation in physical activity. *Res Q Exerc Sport* 1991, 62(4):384-389.
79. Duncan MJ, Spence JC, Mummery WK. Perceived environment and physical activity: a meta-analysis of selected environmental characteristics. *Int J Behav Nutr Phys Act* 2005, 2:11.
80. Garcia Bengoechea E, Spence JC, McGannon KR. Gender differences in perceived environmental correlates of physical activity. *Int J Behav Nutr Phys Act* 2005, 2:12.

81. Gordon-Larsen P, McMurray RG, Popkin BM. Determinants of adolescent physical activity and inactivity patterns. *Pediatrics* 2000, 105(6):E83.
82. Kahn EB, Ramsey LT, Brownson RC, Heath GW, Howze EH, Powell KE, Stone EJ, Rajab MW, Corso P. The effectiveness of interventions to increase physical activity. A systematic review. *Am J Prev Med* 2002, 22(4 Suppl):73-107.
83. Dietz W. Factors associated with childhood obesity. *Nutrition* 1991, 7(4):290-291.
84. Klesges RC, Eck LH, Hanson CL, Haddock CK, Klesges LM. Effects of obesity, social interactions, and physical environment on physical activity in preschoolers. *Health Psychol* 1990, 9(4):435-449.
85. Baranowski T, Thompson WO, DuRant RH, Baranowski J, Puhl J. Observations on physical activity in physical locations: age, gender, ethnicity, and month effects. *Res Q Exerc Sport* 1993, 64:1-7.
86. Treiber FA, Baranowski T, Braden DS, Strong WB, Levy M, Knox W. Social support for exercise: relationship to physical activity in young adults. *Prev Med* 1991, 20(6):737-750.
87. Anderssen N, Wold B. Parental and peer influences on leisure-time physical activity in young adolescents. *Res Q Exerc Sport* 1992, 63:341-348.
88. Greendorfer SL, Lewko JH. Role of family members in sport socialization of children. *Res Q Exerc Sport* 1978, 49:146-152.
89. Biddle SJH, Mutrie N. *Psychology of Physical Activity: Determinants, Well-Being and Interventions*. London: Routledge; 2001.
90. Biddle SJ, Fox KR. Motivation for physical activity and weight management. *Int J Obes Relat Metab Disord* 1998, 22 Suppl 2:S39-47.
91. Welk GJ. The youth physical activity promotion model: a conceptual bridge between theory and practice. *Quest* 1999, 51:5-23.
92. Riddoch CJ, Bo Andersen L, Wedderkopp N, Harro M, Klasson-Heggebo L, Sardinha LB, Cooper AR, Ekelund U. Physical activity levels and patterns of 9- and 15-yr-old European children. *Med Sci Sports Exerc* 2004, 36(1):86-92.
93. Centers for Disease Control and Prevention CDC. *Active Youth: Ideas for Implementing CDC Physical Activity Promotion Guidelines*. Champaign, IL.: Human Kinetics; 1998.
94. Nilges L. Ingredients for a Gender Equitable Physical Education Program. *Teaching Elementary Physical Education* 1996, 7(5):28-29.
95. Zabinski MF, Saelens BE, Stein RI, Hayden-Wade HA, Wilfley DE. Overweight children's barriers to and support for physical activity. *Obes Res* 2003, 11(2):238-246.

96. Stucky-Ropp RC, DiLorenzo TM. Determinants of exercise in children. *Prev Med* 1993, 22(6):880-889.
97. Brodersen NH, Steptoe A, Williamson S, Wardle J. Sociodemographic, developmental, environmental, and psychological correlates of physical activity and sedentary behavior at age 11 to 12. *Ann Behav Med* 2005, 29(1):2-11.
98. Melin A, Obert P, Bonnet P, Courteix D. [Effect of socioeconomic status on the physical activity of prepubertal children]. *Can J Appl Physiol* 2003, 28(2):190-203.
99. McMurray RG, Harrell JS, Deng S, Bradley CB, Cox LM, Bangdiwala SI. The influence of physical activity, socioeconomic status, and ethnicity on the weight status of adolescents. *Obes Res* 2000, 8(2):130-139.
100. van de Mheen H, Stronks K, Looman CW, Mackenbach JP. Does childhood socioeconomic status influence adult health through behavioural factors? *Int J Epidemiol* 1998, 27(3):431-437.
101. Mur de Frenne L, Fleta Zaragoza J, Garagorri Otero JM, Moreno Aznar L, Bueno Sanchez M. [Physical activity and leisure time in children. I: Relation to socioeconomic status]. *An Esp Pediatr* 1997, 46(2):119-125.
102. Kumanyika S, Grier S. Targeting interventions for ethnic minority and low-income populations. *Future Child* 2006, 16(1):187-207.
103. Centers for Disease Control and Prevention CDC. Guidelines for school and community programs to promote lifelong physical activity among young people. Centers for Disease Control and Prevention. *MMWR Recomm Rep* 1997, 46(RR-6):1-36.
104. National Association for Sport and Physical Education. Choosing the right sport and physical activity program for your child. Available at: http://www.aahperd.org/naspe/pdf_files/pos_papers/resource-choosing.pdf. 1999.
105. Canada's Physical Activity Guides for Children and Youth. Available at: http://www.phac-aspc.gc.ca/pau-uap/paguide/child_youth/index.html
106. Mead BJ, Ignico AA. Children's gender-typed perceptions of physical activity: consequences and implications. *Percept Mot Skills* 1992, 75(3 Pt 2):1035-1042.
107. American Alliance for Health PE, Recreation and Dance (AAHPERD). Physical Education for Lifelong Fitness: The Physical Best Teacher's Guide. Champaign, IL.: Human Kinetics; 1999.
108. Faith MS, Leone MA, Ayers TS, Heo M, Pietrobelli A. Weight criticism during physical activity, coping skills, and reported physical activity in children. *Pediatrics* 2002, 110(2 Pt 1):e23.
109. Harris J, Elbourn J. Teaching Health-Related Exercise at Key Stages 1 and 2. Champaign, IL.: Human Kinetics; 1997.

110. American Heart Association. Alliance for a Healthier Generation. Available at: <http://healthiergeneration.org/kids/index.html> (English).
111. Centers for Disease Control and Prevention. Powerful bones, powerful girls. Available at: <http://www.cdc.gov/powerfulbones/> (English).
112. Centers for Disease Control and Prevention. VERB. Available at: <http://www.cdc.gov/youthcampaign/> (English and Spanish).
113. Centers for Disease Control and Prevention. BAM! Available at: <http://www.bam.gov/index.html> (English).
114. University of North Carolina at Chapel Hill. Get Kids in Action. Available at: <http://www.getkidsinaction.org/kids/#home> (English).
115. Kids Health. Available at: <http://www.kidshealth.org/> (English and Spanish).
116. Kids Running. Available at: <http://www.kidsrunning.com/> (English).
117. Kidnetic. Available at: <http://www.kidnetic.com/> (English).
118. Doit Project. Available at: <http://www.doitproject.com/> (Dutch).
119. Take 10. Available at www.take10.net (English).
120. Booth M, Okely A. Promoting physical activity among children and adolescents: the strengths and limitations of school-based approaches. *Health Promot J Austr* 2005, 16(1):52-54.
121. Sallis JF, McKenzie TL, Kolody B, Lewis M, Marshall S, Rosengard P. Effects of health-related physical education on academic achievement: project SPARK. *Res Q Exerc Sport* 1999, 70(2):127-134.
122. Lindner KJ. Sport participation and perceived academic performance of school children and youth. *Pediatric Exercise Science* 1999, 11:129-143.
123. Simons-Morton BG, O'Hara NM, Parcel GS, Huang IW, Baranowski T, Wilson B. Children's frequency of participation in moderate to vigorous physical activities. *Res Q Exerc Sport* 1990, 61: 307-314.
124. Ross JG, Dotson CO, Gilbert GG, Katz SJ. After physical education....physical activity outside of school physical education programs. *J Physical Educ Rec Dance* 1985, 56: 77-81.
125. Kerr NA, Yore MM, Ham SA, Dietz WH. Increasing stair use in a worksite through environmental changes. *Am J Health Promot* 2004, 18(4):312-315.
126. Godin G, Anderson D, Lambert LD, Desharnais R. Identifying factors associated with regular physical activity in leisure time among Canadian adolescents. *Am J Health Promot* 2005, 20(1):20-27.

127. Ritchie LD, Welk G, Styne D, Gerstein DE, Crawford PB. Family environment and pediatric overweight: what is a parent to do? *J Am Diet Assoc* 2005, 105(5 Suppl 1):S70-79.
128. Gill TP, Rangan AM, Webb KL. The weight of evidence suggests that soft drinks are a major issue in childhood and adolescent obesity. *Med J Aust* 2006, 184(6):263-264.
129. James J, Kerr D. Prevention of childhood obesity by reducing soft drinks. *Int J Obes (Lond)* 2005, 29 Suppl 2:S54-57.
130. Bawa S. The role of the consumption of beverages in the obesity epidemic. *J R Soc Health* 2005, 125(3):124-128.