

Appendix AThe 190 studies considered and the reference keys used for each

Study Ref	Study title	Principal publication	Additional publication(s)
ADDOYO	Kumasi paediatric clinic CC (ca 1999?)	ADDOYO2001	-
AGABI1	SIDRIA <sup>1</sup> 10 regions schools CS 1994-95 – children	AGABIT1999	SIDRIA1998, SIDRIA1997, RUSCON1999
AGABI2	SIDRIA 10 regions schools CS 1994-95 – adolescents	AGABIT1999	SIDRIA1998
AKCAKA	Istanbul schools CS 1996-97	AKCAKA2000	-
ALBA	Barcelona primary care CC 1993	ALBA1996	-
ALDAWO	Al-Khobar City schoolboy CS (ca 1999?)	ALDAWO200	ALDAWO2001B
ALFRA1	Jeddah & Damman population CS 1986-89	ALFRAY1989	BENER1991, ALFRAY1992
ALFRA2	Riyadh & Damman population CS 1986-89	ALFRAY1990	BENER1991, ALFRAY1992
ANDRAE	Rural Sweden (Norrkoping) CS 1985	ANDRAE1988	-
ANNESI	Children with parent born 1958 CS 1991	ANNESI2001	-
ARSHAD	Isle of Wight allergen avoidance prosp 1990-1995	ARSHAD1992A	HIDE1994, HIDE1996
AZIZI	Kuala Lumpur hospital CC 1989-90	AZIZI1995	-
BALL	Tucson newborns 1980-84 PS to 1997	BALL2000B	BALL2000, TAUSSI1989, WRIGHT1989A
BARRET	Ronciglione school CS 1999	BARRET2001A	-
BECKET	Connecticut family hosp CS 1993-1994	BECKET1996	-
BENER	Al-Ain urban & rural population CS 1992-93	BENER1996	-
BERGMA	German MAS (Multicentre Allergy Study) PS 1990-97	BERGMA2000	KULIG1998, LAU2002
BRABIN	1st Merseyside primary school dust expos CS 1991	BRABIN1994	-
BURCHF	Tecumseh Community Health 2nd cycle CS 1962-65	BURCHF1986	HIGGIN1975
BURR	South Wales valleys PS 1982 cohort to 1989	BURR1993	-
BUTZ	Pediatric practices (Baltimore?) CC 1989	BUTZ1992	-
CALL	Atlanta hospital CC 1990	CALL1992	PLATTS1993, MOYER1993
CHEN1	Chang-Ning Shanghai population CS 1985	CHEN1988	-
CHEN2	Humboldt town CS 1993	CHEN1996A	-
CHHABR	Delhi schools CS (ca 1997?)	CHHABR1998	-
CHINN	UK National Study on Health and Growth LS, 1987-88	CHINN1991	CHINN2001
CLARK	Southampton hospital CC (ca 1993?)	CLARK1994	-
CONKA	Tampere primary schools CS (ca 1999?)	CONKA2000	-
CUNNI1	24 communities air pollution schools CS 1988-90	CUNNIN1996	SPEIZE1989
CUNNI2	Philadelphia schools air pollution CS 1993	CUNNIN1995	-
DAIGLE	Springville NY pediatric practice CC 1986-87	DAIGLE1991	-
DEBENE	Abruzzo schools CS (ca 1993?)	DEBENE1994	-
DEKKER	Canadian Air Quality & Health study CC 1988	DEKKER1991	-
DEKOK	Two Dutch region primary schools CS 1993	DEKOK1996	-
DELL	National Longitudinal CS cycle 1 1995-95	DELL2001	-
DIJKST	Rural SE Netherlands schools PS 2nd phase 1986-87	DIJKST1990	DIJKST1988
DODGE	Arizona smelter towns school LS 1978-80	DODGE1982	DODGE1983
DOLD	Munich & South Bavaria primary schools CS 1989-90	DOLD1992	NICOLA1998
DOTTER	Nikel schools CS 1994	DOTTER2001	-
ECE	Diyarbakir schools CS 1999-2000	ECE2001	-
EHLI1	Cape Town elementary schools CC 1993	EHLI1996	EHLI1995, EHLI1995A
EHLI2	New York City hospital CC 1988-89	EHLI1992	LILIEN1990, WARTEN1994
FAGBUL	Nigerian hospital CC (ca 1992?)	FAGBUL1994	-
FARBE1	Bogalusa Heart Study CS 1984-85	FARBER1997	-
FARBE2	Bogalusa Heart Study CS 1987-88	FARBER1997	-
FARBE3	Bogalusa Heart Study CS 1992-94	FARBER1997	-
FAROOQ	Oxfordshire GP 1975-84 birth cohort retrospect 1996	FAROOQ1998	-
FERGUS	Christchurch Child Development 1977 cohort to 1983	FERGUS1985	HORWOO1985
FIELDE	W Glamorgan primary schools CS 1995	FIELDE1999	-

<sup>1</sup> SIDRIA = Studi Italiani sui Disturbi Respiratori nell'Infanzia e l'Ambiente

FLYNN1	Suva City schools CS 1990	FLYNN1994A	-
FLYNN2	Nausori rural schools CS 1991	FLYNN1994	FLYNN1994A
FORAST	Latium air pollution schools CS 1987	FORAST1992	FORAST1992A, WONG1992
FORSB1	Oslo PEACE <sup>2</sup> CS 1993	FORSBE1997	-
FORSB2	Kuopio PEACE CS 1993	FORSBE1997	-
FORSB3	Sweden PEACE CS 1993	FORSBE1997	-
FUJI	4 communities air pollution schools CS 1994	FUJI2002	-
GILLIL	Califrna Children's Health St school basln 1993,96	GILLIL2001	PETERS1999, GILLIL2002, LI2000
GOLD	6 US Cities Longitudinal 1974-	GOLD1993A	FERRIS1979, WARE1984, WANG1994A, NEAS1994
GOREN1	Sharonim power plant schools (grades 2&5) CS 1980	GOREN1986	GOREN1991A
GOREN2	Coastal towns schools CS 1982-84	GOREN1995	GOREN1991, GOREN1993
GOREN3	Sharonim power plant schools (grade 8) CS 1980	GOREN1997	GOREN1991A
GOREN4	Sharonim power plant schools (grade 8) CS 1983	GOREN1997	GOREN1991A
GOREN5	Sharonim power plant schools (grade 8) CS 1986	GOREN1997	GOREN1991A
GOREN6	Sharonim power plant schools (grade 8) CS 1989	GOREN1997	GOREN1991A
GORTM1	Genesee County household CS 1977	GORTMA1982	-
GORTM2	Berkshire County household CS 1980	GORTMA1982	-
GUPTA	Chandigarh schools CS 1997-99	GUPTA2001	-
GURKAN	Dicle hospital CC 1995-97	GURKAN2002	-
HABY	New South Wales 2 cities pre-school CS 1995	HABY2001	-
HAJNAL	Swiss nationwide SCARPOL <sup>3</sup> schools CS 1992-93	HAJNAL1999	BRAUNF1997
HJERN1	Swedish Surv Living Conditions CS 1996-97, mothers	HJERN2001	-
HJERN2	Swedish Surv Living Conditions CS 1996-97, fathers	HJERN2001	-
HOST	Nordborg schools CS 1990	HOST1993	-
HU1	Chicago AA Youth Health Behavior Project CS 1994	HU1997B	-
HU2	LA and San Diego schools smoking prev LS 1986-1993	HU1997C	-
HUGHES	Plymouth GP CS 1993-94	HUGHES1995	-
INFANT	Montreal ER incident CC 1988-90	INFANT1993	INFANT1999
JAAKKO	Oslo birth cohort 1992-93 PS to 1996	JAAKKO2001A	NAFSTA1997A
JENKIN	Tasmania schools 1961 cohort CS 1968	JENKIN1993	-
JONES	Plymouth GP CC 1996	JONES1999B	-
KALYO1	Ankara single school CS 1992	KALYON1994	-
KALYO2	Ankara single school CS 1997	KALYON1999	-
KAPLAN	National Child Development Study PS 1958-1964	KAPLAN1985	ANDERS1986, FOGELM1980, LEWIS1996, STRACH1988, STRACH1996, ANDERS1987, STRACH1995B, ANDERS1992B
KARUNA	Gampaha hospital CC 1996-1997	KARUNA2001	-
KAY	Birmingham GP CS (ca 1994?)	KAY1995	-
KEARNE	Cork CS of travelling and settled families 1997	KEARNE1998	-
KELLY	2nd Merseyside primary school dust expos CS 1993	KELLY1995	BRABIN1994
KENDIR	Adana schools CS 1993-94	KENDIR1998	-
KERSHA	Gosport Naval hospital CC 1983-85	KERSHA1987	-
KIVITY	Zichron Yaakov & Paradis schools CS (ca 1998?)	KIVITY2001	-
KNIGHT	Toronto pediatrician CS 1993	KNIGHT1998	-
KUEHR	SW Germany schools baseline CS 1990	KUEHR1992	MEINER1994, HENSCH1997, KUEHR1992A, FRISCH1993, FRISCH1992A
KUHR	Freiburg & Black Forest air poll family CS 1987-88	KUHR1991	MATTES1999
LAM1	Nationwide secondary schools CS 1994	LAM1998	-
LAM2	Nationwide primary schools CS 1995-96	LAM1999	-
LAU	HK Isld & New Terr schools & kindergartens CS 1989	LAU1995	-
LEE1	National Korean elementary schools CS 1995	LEE2001A	-

<sup>2</sup> PEACE = Pollution Effects on Asthmatic Children in Europe

<sup>3</sup> SCARPOL=Swiss Study on Childhood Allergy and Respiratory Symptoms with Respect to Air Pollution, Climate and Pollen

LEE2	National Korean middle schools CS 1995	LEE2001A	-
LEEDER	Harrow 1963-65 birth cohort prosp 1963-70	LEEDER1976	LEEDER1976A
LEEN	Galway primary school CC 1991-92	LEEN1994	MEMON1993
LEROUX	Le Havre primary schools CS 1990-91	LEROUX1995	-
LILLJE	Oslo birth cohort 1981-84 CS 1991	LILLJE1997	-
LINDFO	Stockholm hospital CC 1990-92	LINDFO1995	LINDFO1994
LIS	Krakow schools CS 1992-95	LIS1997	-
LISTER	ABS National Health Survey 1989-90	LISTER1998	-
LOPEZC	Lagunera hospital CC (ca 2000?)	LOPEZC2001	-
MAIER	Seattle primary schools CS 1994	MAIER1997	-
MARTIN	Tucson COLD prosp 1972-1988	MARTIN1992	LEBOWI1976, LEBOWI1992
MCCON1	Califma Children's Health St school prosp 1993-98	MCCONN2002	PETERS1999
MCCON2	Rochester NY pediatric practice CS 1980-81	MCCONN1986	-
MCKEEV	West Midlands GPRD incidence study (ca 1989-2000?)	MCKEEV2001	-
MELIA	UK National Study of Health & Growth LS - 1977	MELIA1981	SOMERV1988
MELSOM	Katmandu Valley schools CC 1997	MELSOM2001	-
MOHAME	Nairobi primary schools CC 1990-91	MOHAME1995	-
MONTEF	Nationwide schools CS (ca 1995?)	MONTEF2002	-
MOUSSA	Al Ain city schools CC 1992-93	MOUSSA1996	-
MOYES1	Bay of Plenty primary schools CS (ca 1993?)	MOYES1995	-
MOYES2	Bay of Plenty secondary schools CS (ca 1993?)	MOYES1995	-
MUMCUO	Gaza Strip CC 1986-87	MUMCUO1994	-
MURRAY	Vancouver allergy clinic CC 1986-88	MURRAY1990A	MURRAY1989, MURRAY1992, MURRAY1993
NHANE3	3rd National Health & Nutrition Exam Surv 1988-94	MANNIN2001	GERGEN1998, MANNIN1998A, RODRIG2002, MANNIN2002A, LANPHE2001
NILSSO	Ostergotland population CS (ca 1998?)	NILSSO1999	-
NITTA	Tokyo and Ibaraki schools pollution CS 1995	NITTA1996	-
NYSTAD	Oslo schools CS 1994-95	NYSTAD1999	-
OCONNE	Minnesota clinic CC 1969-1971	OCONNE1974	-
ODDY	Western Australia pregnancy cohort 1989-92 to 1998	ODDY1999	-
OHARA	Sendai & Fukushima schools & nurseries CS 2001	OHARA2002	-
OLIVET	Cleveland AA hospital CC 1993-94	OLIVET1996	-
PALMIE	Italy (Naples?) CC (ca 1988?)	PALMIE1990	-
PETERS	2 districts air pollution schools PS 1989-91	PETERS1996	-
PIC	Auvergne schools CS 1999-2000	PIC2002	-
POKHAR	Haryana village schools CC 1995-96	POKHAR2001	-
PONSON	Tasmania linked SIDS PS and schools CS 1988-95	PONSON2000	-
RASANE	Finnish twins birth cohort 1975-79 CS 1995	RASANE2000	-
RATAGE	Delhi hospital CC 1996-98	RATAGE2000	-
RENNIE	Saskatchewan farming/Hutterite CS 1993	RENNIE2002	-
RIBEIR	Sao Paulo kindergarten/elementary school 1996	RIBEIR2002	-
RONCH1	Rome primary schools CS 1974	RONCHE2001	BONCI1993, RONCHE1982
RONCH2	Rome primary schools CS 1992	RONCHE2001	BONCI1993, RONCHE2002
RONCH3	Rome primary schools CS 1998	RONCHE2001	RONCHE2002
RONMAR	Norbotten primary school PS 1996-99	RONMAR2002	RONMAR1998, RONMAR1999, RONMAR2001, PERZAN2002
ROSASV	Mexico allergy clinic CC (ca 2001?)	ROSASV2002	-
RUDNIK	Cracow & Limanowa air pollution LS 1974-1980	RUDNIK1985	-
SANZOR	Valencia schools CS (ca 1988?)	SANZOR1990	-
SARRAZ	Mexico allergy clinic CC (ca 1996?)	SARRAZ1997	-
SCHENK	Chestnut Ridge school CS 1979	SCHENK1983	-
SCHMIT	Austrian Tyrol air pollution schools CS 1989	SCHMIT1993	-
SELCUK	Edirne schools CS 1994	SELCUK1997	-
SENNHA	Swiss household CS 1990	SENNHA1992	-
SHAMSS	NE England schools CS (ca 1998?)	SHAMSS1999	-
SHERMA	East Boston school LS 1975-88	SHERMA1990	TAGER1979, WEISS1980, OCONNO1987, CAREY1996
SHOHAT	National schools CS 1997	SHOHAT2002	-

SIGURS	Boras hospital bronchiolitis prosp study 1989-93	SIGURS1995	-
SOMERV	UK National Study of Health & Growth LS - 1982	SOMERV1988	CHINN2001
SOTOQU	Costa Rica schools CS 1987	SOTOQU1994	-
SOYSET	Western Norway schools CS 1989-92	SOYSET1995	-
SPIEKE	SW Germany schools cotinine PS 1990-92	SPIEKE1994	HENSCH1997, KUEHR1998
SQUILL	Central Virginia schools CC 1992-93	SQUILL1997	-
STANHO	Wairoa school CS 1975	STANHO1979	-
STAZI	Basilicata infant vaccination CS 1993-94	STAZI2002	ANNESI1996
STERN1	Ontario & Manitoba air pollution schools CS 1983	STERN1989A	-
STERN2	Ontario & Saskatchewan schools CS (ca 1986?)	STERN1989	STERN1987
STODDA	US National Medical Expenditure household CS 1987	STODDA1995	-
STRACH	Sheffield schools CC 1993	STRACH1995A	-
TARIQ	Isle of Wight birth cohort 1989-90 PS to 1994	TARIQ2000	ARSHAD1992, ARSHAD1993, TARIQ1995, TARIQ1998
TAYLOR	British Births Survey PS 1970 cohort to 1986	TAYLOR1983	NEUSPI1989, LEWIS1996
TIMONE	Kuopio schools pollution CS 1993	TIMONE1995	-
TOMINA	Aichi clinic CS 1978-79	TOMINA1985	-
TSIMOY	Nassau county athletes CS 1985	TSIMOY1987	-
ULRIK	Copenhagen district PS 1986-1992	ULRIK1996	ULRIK1998
VARELA	Mexico City schools SPT CS 1999-2000	VARELA2001	-
VAVILI	Genotyping CC (Novosibirsk ca 1999?)	VAVILI2000	VAVILI2002
VENNER	Anqing CS of asthma index families 1995-98	VENNER2001	XU1999A
VERHOE	School respiratory CC (Amsterdam ca 1990?)	VERHOE1992	-
VOLKME	South Australia preschool CS 1993	VOLKME1995	VOLKME1995A
VONMAF	Virginia & Connecticut family hosp CS 1993-1996	VONMAF2001	-
WANG	2 areas schools air pollution CS 1995-96	WANG1999B	-
WEITZ1	Natl Health Interview Survey Suppl 1981 Age 0-5	WEITZM1990	WEITZM1990A
WEITZ2	Natl Health Interview Survey Suppl 1981 Age 6-17	WEITZM1990A	WEITZM1990
WILLE1	Malmo hospital/school CC study 1987-88	WILLER1991	-
WILLE2	Malmo population cotinine CC 1993	WILLER2000	FORSBE1997
WITHER	Southampton GP birth cohort 78-80 followup CS 1995	WITHER1998	-
WOLFO1	SW Germany urban/rural phase 1 CS 1977	WOLFOS1995	LUTTMA1993
WOLFO2	SW Germany urban/rural phase 2 CS 1979	WOLFOS1995	LUTTMA1993
WOLFO3	SW Germany urban/rural phase 3 CS 1985	WOLFOS1995	LUTTMA1993
XU	Northern Finland birth cohort 1985-86 PS to 1993	XU1999	-
YANG	Rural Kaohsiung schools CS 1994	YANG1997A	YANG1998A
ZEIGER	San Diego high risk birth cohort 1981-84 to 1991	ZEIGER1995	ZEIGER1989
ZEJDA	Upper Silesia primary schl air poll CS (ca 1994?)	ZEJDA1996	-
ZHENG	Shunyi Beijing schools CC 1999-2001	ZHENG2002A	-