

List of Abbreviations

AB	aminobiphenyl	CHD	coronary heart disease
AC	adenyl cyclase	CI	confidence interval
ACH	air changes per hour	CIN	cervical intraepithelial neoplasia
ACS	American Cancer Society	cm	centimeter
ADA	Americans with Disabilities Act of 1990	cm³	cubic centimeter
AHA	American Heart Association	CNS	central nervous system
AHU	air handling unit	CO	carbon monoxide
ALA	American Lung Association	CO₂	carbon dioxide
ALL	acute lymphocytic leukemia	COMMIT	Community Intervention Trial for Smoking Cessation
ALSPAC	Avon Longitudinal Study of Pregnancy and Childhood	COPD	chronic obstructive pulmonary disease
AMA	American Medical Association	CPS	Current Population Survey
ANR	American Nonsmokers' Rights	CPS-I	Cancer Prevention Study I
AOD	airway obstructive disease	CPS-II	Cancer Prevention Study II
AOM	acute otitis media	CT	computed tomography
AOR	adjusted odds ratio	df	degrees of freedom
ARB	Air Resources Board	EC	European Communities
ARIC	Atherosclerosis Risk in Communities	EEFR	end-expiratory flow rate
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers	EIA	enzyme-linked immunoassay
ASSIST	American Stop Smoking Intervention Study for Cancer Prevention	ELISA	Enzyme-Linked ImmunoSorbent Assay
ATP	adenosine triphosphate	ENT	ear, nose, and throat
BALF	bronchoalveolar lavage fluid	ENU	ethylnitrosourea
B[a]P	benzo[a]pyrene	EP	ethenyl pyridine
BAS	building automation system	EPA	Environmental Protection Agency
BHR	bronchial hyperreactivity	ETS	environmental tobacco smoke
BL	bronchiolitis	FAA	Federal Aviation Administration
BMI	body mass index	FEF	forced expiratory flow
BR	bronchitis	FEFR	forced expiratory flow rate
BRFSS	Behavioral Risk Factor Surveillance System	FEV₁	forced expiratory volume in one second
BSID	Bayley Scales of Infant Development	fmol	femtomole
Ca	calcium	FPM	fluorescing particulate matter
CAB	Civil Aeronautics Board	FRC	functional residual capacity
Cal/EPA	California Environmental Protection Agency	ft²	square feet
CAT	California Achievement Test	ft³	cubic feet
C/Co	concentration of contaminant	FVC	forced vital capacity
Cd	cadmium	g	gram
CDC	Centers for Disease Control and Prevention	GASP	Group Against Smoking Pollution
CFD	computational fluid dynamics	GC-MS	gas chromatography-mass spectrometry
		GLC	gas-liquid chromatography
		Gluc	glucuronide

GM-CSF	granulocyte-macrophage colony-stimulating factor	mg	milligram
GSTM1	glutathione S-transferase form M1	MI	myocardial infarction
Hb	hemoglobin	mL	milliliter
HCFA	Health Care Financing Administration	MMEF	mean mid-expiratory flow
HDL	high-density lipoprotein	MRC	Medical Research Council
HEPA	high-efficiency particulate air	MRI	magnetic resonance imaging
hMG	human menopausal gonadotropin	MSCA	McCarthy Scales of Children's Abilities
1-HOP	1-hydroxypyrene	MTA	Metropolitan Transportation Authority
HPB	4-hydroxy-1-(3-pyridyl)-1-butanone	μ	micron
HPLC	high-performance liquid chromatography	μg	microgram
HVAC	heating, ventilating, and air-conditioning	μL	microliter
IARC	International Agency for Research on Cancer	μm	micrometer
IBD	inflammatory bowel disease	μmol	micromole
ICC	Interstate Commerce Commission	nAChR	nicotinic acetylcholine receptor
ICD	<i>International Classification of Diseases</i>	NAT	<i>N-acetyltransferase</i>
IFN-γ	interferon gamma	NCHS	National Center for Health Statistics
IgE	immunoglobulin E	NCI	National Cancer Institute
IgG1	immunoglobulin G1	ng	nanogram
IHD	ischemic heart disease	NHANES	National Health and Nutrition Examination Survey
IL	interleukin	NHAPS	National Human Activity Pattern Survey
IMT	intimal medial thickness	NHIS	National Health Interview Survey
ISAAC	International Study of Asthma and Allergy in Childhood	NHMRC	National Health and Medical Research Council
IU	International Units	NHS	Nurses Health Study
IUGR	intrauterine growth retardation	NIH	National Institutes of Health
JCAHO	Joint Commission on Accreditation of Healthcare Organizations	NIOSH	National Institute for Occupational Safety and Health
JPHC	Japan Public Health Center	NMFS	National Mortality Followback Survey
L	liter	NNAL	4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol
LBW	low birth weight	NNAL-Gluc	glucuronide conjugate of NNAL
LC	liquid chromatography	NNK	4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone
LD	less than detectable	NNN	<i>N'</i> -nitrosornicotine
LDL	low-density lipoprotein	NO	nitric oxide
LPS	lipopolysaccharide	NOS	nitric oxide synthase
LRI	lower respiratory illness	NPC	nasopharyngeal carcinoma
L/S	lectin/sphingomyelin	NPD	nitrogen-phosphorus specific detector
m²	square meter	NR	data were not reported
m³	cubic meter	NRC	National Research Council
MAPK	mitogen-activated protein kinase	NS	not significant
MDI	Mental Development Index	NTS	nucleus tractus solitarius
MEE	middle ear effusion	O₃	ozone
MEFR	mid-expiratory flow rate	8-OH-dG	8-hydroxydeoxyguanosine
MeSH	Medical Subject Headings		

OM	otitis media	SGA	small for gestational age
OME	otitis media with effusion	sGaw	specific airway conductance
OPPS	Ottawa Prenatal Prospective Study	sGaw_{EE}	specific airway conductance at end expiration
OR	odds ratio	SHEEP	Stockholm Heart Epidemiology Program
OSH	Office on Smoking and Health	SHPPS	School Health Policies and Programs Study
OSHA	Occupational Safety and Health Administration	SIDRIA	Italian Studies on Respiratory Disorders in Childhood and the Environment
OVA	ovalbumen	SIDS	sudden infant death syndrome
PAF-AH	platelet-activating factor acetylhydrolase	s/kPa	kilopascal
PAH	polycyclic aromatic hydrocarbon	SO₂	sulfur dioxide
PEF	peak expiratory flow	SolPM	solanesol particulate matter
PFT	pulmonary function test	SPT	skin-prick test
pg	picogram	^{99m}Tc-DTPA	technetium ^{99m} labeled diethylenetriamine penta-acetate
PIF	peak inspiratory flow	TEA	thermal energy analyzer
PK-C	protein kinase C	Th	T-helper
PM	particulate matter	TIA	transient ischemic attack
PMA	phorbol 12-myristate 13-acetate	TNF	tumor necrosis factor
pmol	picomole	T_{PTEF}:T_E	the ratio of time to peak tidal expiratory flow to expiratory time
PMN	polymorphonuclear leukocyte	TSNA	tobacco-specific nitrosamine
PN	pneumonia	tt-MA	<i>trans,trans</i> -muconic acid
POR	prevalence odds ratio	URI	upper respiratory illness
ppb	parts per billion	USDHEW	U.S. Department of Health, Education, and Welfare
ppm	parts per million	USDHHS	U.S. Department of Health and Human Services
PPVT	Peabody Picture Vocabulary Test	USDOC	U.S. Department of Commerce
RAST	Radioallergosorbent Test	USDOD	U.S. Department of Defense
RAVEN	Raven Colored Progressive Matrices Test	USDOJ	U.S. Department of Justice
RDD	random-digit telephone dialing	USVA	U.S. Department of Veteran Affairs
RIA	radioimmunoassay	UV	ultraviolet
ROM	recurrent otitis media	UVPM	ultraviolet-absorbing particulate matter
RPM	respirable particulate matter	Vmax_{FRC}	maximal forced expiratory flow at functional residual capacity
RR	relative risk	VOCs	volatile organic compounds
RSP	respirable suspended particles	WHO	World Health Organization
RSV	respiratory syncytial virus	WISC	Weschler Intelligence Scale for Children
SCAN	central auditory processing task		
SCI	silent cerebral infarction		
SD	standard deviation		
SEER	Surveillance, Epidemiology, and End Results		
SES	socioeconomic status		

