

Reference	Participant characteristics	Response higher than 75%	Information about responders vs. non responders	Sample size higher than 400 persons	Repeated measures	Statistical methods
Liao et al. 1999 [38]	1	0	0	0	1	1
Pope et al. 1999 [14]	1	NA	NA	0	1	1
Gold et al. 2000 [34]	1	0	0	0	1	1
Brauer et al. 2001 [36]	1	0	0	0	1	1
Magari et al.2001 [18]	1	UD	0	0	1	1
Holguin et al. 2003 [35]	1	1	0	0	1	1
Liao et al. 2004 [41]	1	0	0	1	0	1
Pope et al. 2004 [39]	1	UD	0	0	1	1
Riediker et al. 2004 [19]	1	UD	0	0	1	1
Park et al. 2004 [23]	1	NA	NA	1	0	1
Schwartz et al. 2005 [31]	1	UD	0	0	1	1
Sullivan et al. 2005 [33]	1	UD	0	0	1	1
Lipsett et al. 2006 [6]	1	UD	0	0	1	1
Luttmann-Gibson et al.2006 [32]	1	0	0	0	1	1
Timonen et al. 2006 [30]	1	NA	NA	0	1	1
Vallejo et al. 2006 [21]	1	1	1	0	1	1
Riojas-Rodriguez et al.2006 [22]	1	UD	0	0	1	1
Chuang et al.2007 young [37]	1	1	0	0	1	1
Chuang et al. 2007 elderly [26]	1	UD	0	0	1	1
Min et al.2008 [16]	1	UD	0	1	1	1
Folino et al.2009 [25]	1	1	0	0	1	1
Whitsel et al.2009 [15]	1	UD	0	1	1	1
Zanobetti et al. 2009 [24]	1	UD	0	0	1	1
Park et al. 2010 [42]	1	1	0	1	0	1
Schneider et al. 2010 [40]	1	UD	0	0	1	1
Suh et al. 2010 [27]	1	UD	0	0	1	1
Wu et al. 2010 [20]	1	UD	0	0	1	1
He et al. 2011 [28]	1	1	UD	0	1	1
Jia et al. 2011 [29]	1	UD	0	0	1	1

Reference	Personal particulate matter assessment	Local particulate matter assessment	Correction for meteorological variables (temperature, relative humidity)	Correction for individual variables (Age, heart rate)	Overall quality score
Liao et al. 1999 [38]	0	1	0	0	4
Pope et al. 1999 [14]	0	0	0	0	3
Gold et al. 2000 [34]	0	0	1	0	4
Brauer et al. 2001 [36]	0	0	0	0	3
Magari et al. 2001 [18]	1	0	0	1	5
Holguin et al. 2003 [35]	0	1	0	1	6
Liao et al. 2004 [41]	0	0	1	1	5
Pope et al. 2004 [39]	0	0	1	0	4
Riediker et al. 2004 [19]	0	1	0	0	4
Park et al. 2004 [23]	0	0	1	0	4
Schwartz et al.2005 [31]	0	0	1	1	5
Sullivan et al. 2005 [33]	0	1	1	0	5
Lipsett et al.2006 [6]	0	0	0	0	3
Luttmann-Gibson et al.2006 [32]	0	0	1	0	4
Timonen et al. 2006 [30]	0	0	1	0	4
Vallejo et al. 2006 [21]	1	0	1	0	7
Riojas-Rodriguez et al. 2006 [22]	1	0	0	0	4
Chuang et al. 2007 young [37]	0	1	1	0	6
Chuang et al. 2007 elderly [26]	0	0	1	0	4
Min et al. 2008 [16]	0	0	1	0	5
Folino et al. 2009 [25]	1	0	1	0	6
Whitsel et al. 2009 [15]	0	0	1	0	5
Zanobetti et al. 2009 [24]	0	0	1	1	5
Park et al. 2010 [42]	0	0	1	0	5
Schneider et al. 2010 [40]	0	0	0	0	3
Suh et al. 2010 [27]	1	0	1	0	5
Wu et al. 2010 [20]	1	0	1	1	6
He et al. 2011 [28]	1	0	1	0	6
Jia et al. 2011 [29]	0	1	1	1	6

