

Location	Site type	PM fraction	Season	Year	$f_{\text{fossil}}(\text{OC})$	$f_{\text{fossil}}(\text{EC})$	Reference
Beijing	urban	PM _{2.5}	winter	2009/2010		83 ± 4	Chen et al. (2013)
Beijing	urban	PM _{2.5}	spring	2013	41 ± 4	67 ± 7	Liu et al. (2016a)
Beijing	rural	PM _{2.5}	winter	2007		80–87	Sun et al. (2012)
Beijing	rural	PM _{2.5}	summer	2007		80–87	Sun et al. (2012)
Beijing	urban	PM _{2.5}	winter	2013	67 ± 3		Yan et al. (2017)
Beijing	urban	PM _{2.5}	summer	2013	36 ± 13		Yan et al. (2017)
Beijing	urban	PM ₄	annual	2010/2011		79 ± 6	Zhang et al. (2015b)
Beijing	urban	PM _{2.5}	winter	2013	58 ± 5	76 ± 4	Zhang et al. (2015a)
Beijing	urban	PM ₁	annual	2013/2014	48 ± 12	82 ± 7	Zhang et al. (2017)
Guangzhou	urban	PM _{2.5}	winter	2012/2013	37 ± 4	71 ± 10	J. Liu et al. (2014)
Guangzhou	urban	PM _{2.5}	spring	2013	46 ± 6	80 ± 5	Liu et al. (2016a)
Guangzhou	urban	PM ₁₀	winter	2011	42		Y. L. Zhang et al. (2014b)
Guangzhou	urban	PM _{2.5}	winter	2013	35 ± 7	69	Zhang et al. (2015a)
Shanghai	urban	PM _{2.5}	winter	2009/2010		83 ± 4	Chen et al. (2013)
Shanghai	urban	PM _{2.5}	winter	2013	49 ± 2	79 ± 4	Zhang et al. (2015a)
Xiamen	urban	PM _{2.5}	winter	2009/2010		87 ± 3	Chen et al. (2013)
Xi'an	urban	PM _{2.5}	winter	2013	38 ± 3	78 ± 3	Zhang et al. (2015a)
Xi'an	urban	PM _{2.5}	annual	2008/2009	46 ± 8	83 ± 5	This study ^a
Wuhan	urban	PM _{2.5}	winter	2013	38 ± 5	74 ± 8	Liu et al. (2016b)
North China Plain (NCP)	urban	PM _{2.5}	winter	2013		73–75	Andersson et al. (2015)
Yangtze River Delta (YRD)	urban	PM _{2.5}	winter	2013		66–69	Andersson et al. (2015)
Pearl River Delta (PRD)	urban	PM _{2.5}	winter	2013		67–70	Andersson et al. (2015)
Ningbo	background	PM _{2.5}	annual	2009/2010		77 ± 15	Liu et al. (2013)
Hainan	background	PM _{2.5}	annual	2005/2006	19 ± 10	38 ± 11	Y. L. Zhang et al. (2014a)