

<u>county_name</u>	<u>cbsa_name</u>	<u>site</u>	<u>dva_2001</u> <u>2003</u> ¹	<u>meannf</u> <u>2001</u>	<u>meannf</u> <u>2002</u>	<u>meannf</u> <u>2003</u>	<u>state_name</u>
Walker	Chattanooga, TN-GA	132950002	15.5	15.551232	14.838114	16.003452	Georgia
Hamilton	Chattanooga, TN-GA	470650031	16.1	16.652656	15.139663	16.459107	Tennessee
Hamilton	Chattanooga, TN-GA	470650032	14.2	14.233438	14.200000		Tennessee
Hamilton	Chattanooga, TN-GA	470651011	14.1		13.923750	14.274777	Tennessee
Hamilton	Chattanooga, TN-GA	470654002	15.2	16.133938	14.730514	14.881607	Tennessee

1. The annual standard design values shown here are calculated in accordance with 40 CFR Part 50, Appendix N (2006). The annual standard design value (i.e., the 3-year average annual mean concentration) is computed at each site by averaging the daily FRM samples taken each quarter, averaging these quarterly averages to obtain an annual average, and then averaging the three annual averages. (Note that special rules apply if an area has been approved for spatial averaging.) The NAAQS level for the annual standard is 15.0 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). In general, EPA regulations require at least 75% data capture in each quarter of a consecutive 3-year period in order for a design value to be valid. However, if an annual mean (or 3-year annual design value) is over the level of the standard, less data (i.e., 11 samples per quarter for the corresponding 4 quarters) are sufficient to deem that mean valid. Further, EPA regulations and guidance permit data substitution under certain circumstances in order to consider design values as valid that otherwise would be considered incomplete. The information presented in this update is based on data after applying the substitution protocols.

Data Source: U.S. EPA's Air Quality System (AQS) as of July 7, 2009 (and later dates in isolated situations).

<u>county_name</u>	<u>cbsa_name</u>	<u>site</u>	<u>dva_2002</u> <u>2004</u> ¹	<u>meannf</u> <u>2002</u>	<u>meannf</u> <u>2003</u>	<u>meannf</u> <u>2004</u>	<u>state_name</u>
Walker	Chattanooga, TN-GA	132950002	15.2	14.838114	16.003452	14.702158	Georgia
Hamilton	Chattanooga, TN-GA	470650031	15.7	15.139663	16.459107	15.649821	Tennessee
Hamilton	Chattanooga, TN-GA	470651011	13.8	13.923750	14.274777	13.293929	Tennessee
Hamilton	Chattanooga, TN-GA	470654002	14.7	14.730514	14.881607	14.521938	Tennessee

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<u>county_name</u>	<u>cbsa_name</u>	<u>site</u>	<u>dva_2003</u> <u>2005</u> ¹	<u>meannf</u> <u>2003</u>	<u>meannf</u> <u>2004</u>	<u>meannf</u> <u>2005</u>	<u>state_name</u>
Walker	Chattanooga, TN-GA	132950002	15.8	16.003452	14.702158	16.553974	Georgia
Hamilton	Chattanooga, TN-GA	470650031	16.1	16.459107	15.649821	16.060223	Tennessee
Hamilton	Chattanooga, TN-GA	470651011	13.8	14.274777	13.293929	13.794898	Tennessee
Hamilton	Chattanooga, TN-GA	470654002	15.0	14.881607	14.521938	15.548209	Tennessee

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<u>county_name</u>	<u>cbsa_name</u>	<u>site</u>	<u>dva_2004</u> <u>2006</u> ¹	<u>meannf</u> <u>2004</u>	<u>meannf</u> <u>2005</u>	<u>meannf</u> <u>2006</u>	<u>state_name</u>
Walker	Chattanooga, TN-GA	132950002	15.2	14.702158	16.553974	14.453333	Georgia
Hamilton	Chattanooga, TN-GA	470650031	15.3	15.649821	16.060223	14.257500	Tennessee
Hamilton	Chattanooga, TN-GA	470651011	13.4	13.293929	13.794898	13.080671	Tennessee
Hamilton	Chattanooga, TN-GA	470654002	15.0	14.521938	15.548209	15.039167	Tennessee

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<u>county_name</u>	<u>cbsa_name</u>	<u>site</u>	<u>dva_2005</u> <u>2007</u> ¹	<u>meannf</u> <u>2005</u>	<u>meannf</u> <u>2006</u>	<u>meannf</u> <u>2007</u>	<u>state_name</u>
Walker	Chattanooga, TN-GA	132950002	14.9	16.553974	14.453333	13.689065	Georgia
Hamilton	Chattanooga, TN-GA	470650031	15.1	16.060223	14.257500	14.932675	Tennessee
Hamilton	Chattanooga, TN-GA	470651011	13.7	13.794898	13.080671	14.221571	Tennessee
Hamilton	Chattanooga, TN-GA	470654002	15.2	15.548209	15.039167	15.045845	Tennessee

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Data Source: U.S. EPA's Air Quality System (AQS) as of July 7, 2009 (and later dates in isolated situations).

Final 2006-2008 PM_{2.5} design values - AQS 07jul09

<u>county_name</u>	<u>cbsa_name</u>	<u>site</u>	<u>dva_2006</u> <u>2008</u> ¹	<u>meannf</u> <u>2006</u>	<u>meannf</u> <u>2007</u>	<u>meannf</u> <u>2008</u>	<u>state_name</u>
Walker	Chattanooga, TN-GA	132950002	13.5	14.453333	13.689065	12.481596	Georgia
Hamilton	Chattanooga, TN-GA	470650031	13.8	14.257500	14.932675	12.289345	Tennessee
Hamilton	Chattanooga, TN-GA	470651011	12.9	13.080671	14.221571	11.388125	Tennessee
Hamilton	Chattanooga, TN-GA	470654002	14.3	15.039167	15.045845	12.706962	Tennessee

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Data Source: U.S. EPA's Air Quality System (AQS) as of July 7, 2009 (and later dates in isolated situations).

Table 5. PM2.5 Site Listing, 2007-2009

AQS Data Query: 01/29/2011; Last updated: 2/15/2011

<u>state_name</u>	<u>county_name</u>	<u>cbsa_name</u>	<u>site</u>	<u>dva_2007</u> <u>2009</u>	<u>meannf</u> <u>2007</u>	<u>meannf</u> <u>2008</u>	<u>meannf</u> <u>2009</u>
Georgia	Walker	Chattanooga, TN-GA	132950002	12.3	13.689065	12.481596	10.704195
Tennessee	Hamilton	Chattanooga, TN-GA	470650031	12.6	14.932675	12.289345	10.475288
Tennessee	Hamilton	Chattanooga, TN-GA	470651011	11.7	14.221571	11.388125	9.519688
Tennessee	Hamilton	Chattanooga, TN-GA	470654002	12.7	15.045845	12.706962	10.470661

See Table 5 Definitions worksheet for description of columns

Final

Table 5. Monitoring Site Listing for PM2.5, 2009-2011

AQS Data Query: 07/26/2012; Last updated: 07/26/2012

<u>state_name</u>	<u>county_name</u>	<u>cbsa_name</u>	<u>site</u>	<u>dva_2009</u> <u>2011</u>	<u>meannf</u> <u>2009</u>	<u>meannf</u> <u>2010</u>	<u>meannf</u> <u>2011</u>
Georgia	Walker County	Chattanooga, TN-GA	132950002	10.1	10.704195	8.690015	10.771874
Tennessee	Hamilton County	Chattanooga, TN-GA	470650031	11.2	10.475288	12.025086	11.056173
Tennessee	Hamilton County	Chattanooga, TN-GA	470651011	11.0	9.519688	13.289762	10.289896
Tennessee	Hamilton County	Chattanooga, TN-GA	470654002	11.1	10.470661	11.725836	11.072653

See Table 5 Definitions worksheet for description of columns

Note: When design values are used in a regulatory action, they are based on the latest information and valid data available at the time of that action, not the values published here.

Table 5. PM_{2.5} Site Listing, 2010-2012

AQS Data Query: 07/10/2013; Last updated: 08/20/2013

State	County	CBSA	Site	2010-2012 Annual Design Value (µg/m3)	Annual means		
					'10	'11	'12
Georgia	Walker	Chattanooga, TN-GA	132950002	10.0	8.690015	10.771874	10.540603
Tennessee	Hamilton	Chattanooga, TN-GA	470650031	11.1	12.025086	11.056173	10.072903
Tennessee	Hamilton	Chattanooga, TN-GA	470651011	11.2	13.289762	10.289896	9.992292
Tennessee	Hamilton	Chattanooga, TN-GA	470654002	10.9	11.725836	11.072653	10.009848

Disclaimer: The information listed in this report and in these tables is intended for informational use only and does not constitute a regulatory determination by EPA as whether an area has attained a NAAQS. The information set forth in this report has no regulatory effect. To have regulatory effect, a final EPA determination as to whether an area has attained a NAAQS or attained a NAAQS as of its applicable attainment date can be accomplished only after rulemaking that provides an opportunity for notice and comment. No such determination for regulatory purposes exists in the absence of such rulemaking. This report does not constitute a proposed or final rulemaking.

Table 6. PM_{2.5} Site Design Value History

AQS Data Query: 07/10/2013; Last updated: 08/20/2013

State	County	CBSA	Site	Annual Standard Design Values ^{1,2}				
				2007-2009	2008-2010	2009-2011	2010-2012	
Georgia	Walker	Chattanooga, TN-GA	132950002	12.3	NV	10.6	10.1	10.0
Tennessee	Hamilton	Chattanooga, TN-GA	470650031	12.6		11.6	11.2	11.1
Tennessee	Hamilton	Chattanooga, TN-GA	470651011	11.7		11.4	11.0	11.2
Tennessee	Hamilton	Chattanooga, TN-GA	470654002	12.7		11.6	11.1	10.9

Notes:

1. In this table, all design values are calculated based on the rules specified in Appendix N for the 2012 PM_{2.5} NAAQS. The term "NV" denotes design values that are not valid in accordance with the 2012 NAAQS

2. Monitoring sites with an annual design value status of 'X' have been determined by EPA to represent unique microscale or middle scale locations are not used for comparison to the annual PM_{2.5} NAAQS. The 2012 revisions to 40 CFR 58 require a formal exclusion justification to be described in the annual State monitoring plan.

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